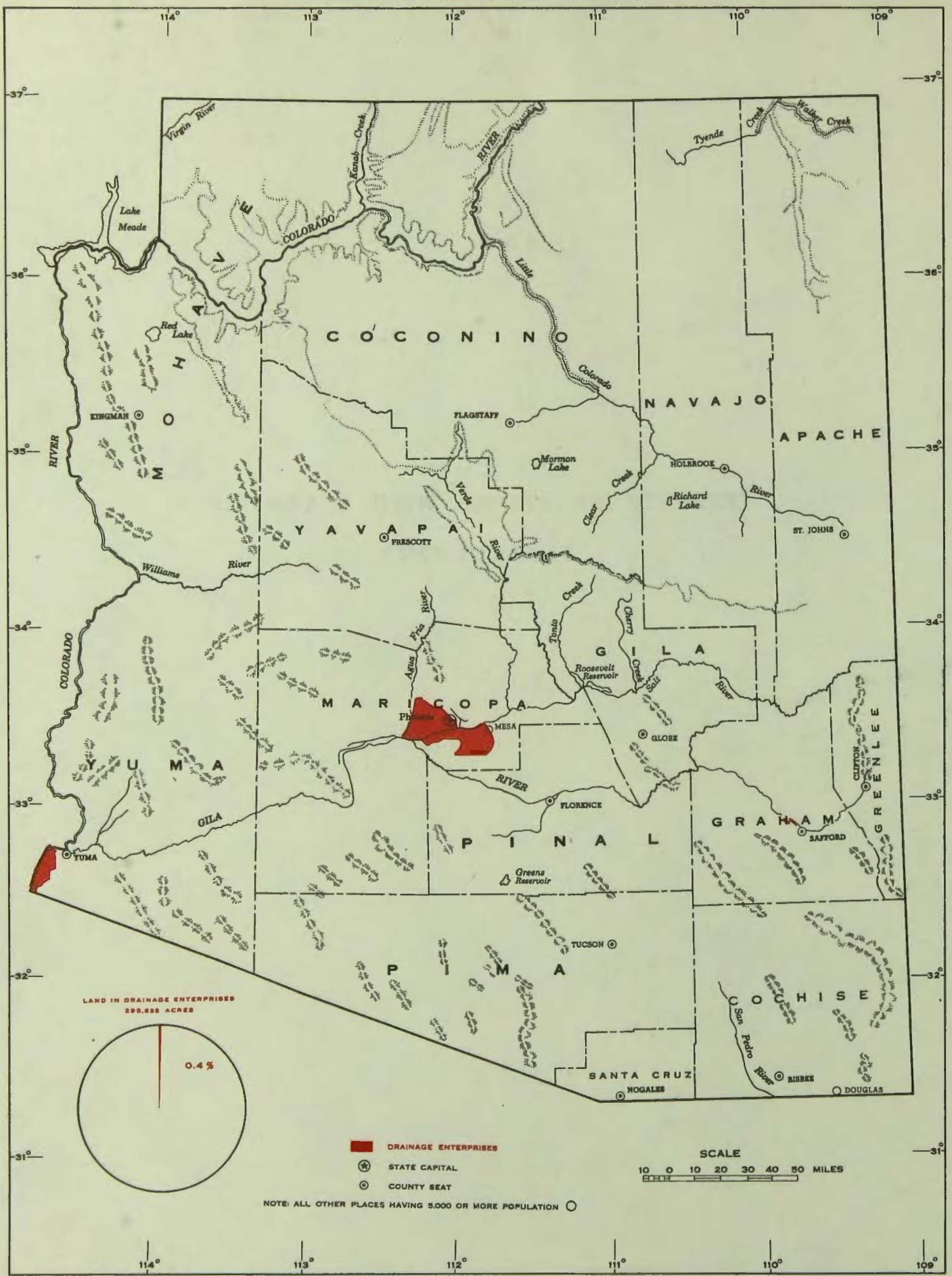
REPORTS BY STATES WITH STATISTICS

FOR COUNTIES

ARIZONA

Location of Land in Drainage Enterprises.



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	72,691,200	72,838,400	72,838,400	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	298,633	318,931	39,640	-20,298	-6.4	279,291	704.6
Improved.....acres.....	295,976	309,112	36,880	-13,136	-4.2	272,232	738.2
Unimproved:							
Timber and cut-over.....acres.....	.....	75	.....	-75	-100.0	75	.....
Other.....acres.....	2,657	9,744	2,760	-7,087	-72.7	6,984	253.0
Drainage sufficient for normal crop.....acres.....	297,382	313,112	(1)	-15,730	-5.0	.....	.....
Partly drained, for partial crop.....acres.....	951	1,694	(1)	-743	-43.9	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	300	4,125	[2] 2,160	-3,825	-92.7	1,965	91.0
In occupied farms.....acres.....	296,276	304,802	(1)	-8,526	-2.8	.....	.....
In planted crops.....acres.....	268,907	278,066	(1)	-9,159	-3.3	.....	.....
Idle.....acres.....	23,247	39,219	(1)	-15,972	-40.7	.....	.....
Available for settlement.....acres.....	.....	1,519	(1)	-1,519	-100.0	.....	.....
Open ditches, completed.....miles.....	100.8	349.4	32.6	-248.6	-71.2	316.8	971.8
Tile drains, completed.....miles.....	8.8	14.3	1.0	-5.5	-38.5	13.3	.....
Drainage pumping plants, capacity.....horsepower....	2,025	10,789	175	-8,764	-81.2	10,614	[3]
gal. per min..	71,000	458,750	33,660	-387,750	-84.5	425,090	[3]
Capital invested in enterprises.....dollars.....	1,119,242	1,875,100	414,425	-755,858	-40.3	1,460,675	352.5
Average per acre.....dollars.....	2.66	5.88	10.45	-3.22	-54.8	-4.57	-43.7

[1] Not available. [2] Reported as "Swampy, subject to overflow, seeped, or alkali." [3] Percent not shown when more than 1,000.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2] 1940
	1940	1930	1920	
	Acres	Acres	Acres	Acres
All enterprises.....	300,907	318,931	39,640	298,633
500 to 999 acres.....	.....	640	640	.....
1,000 to 1,999 acres.....	3,385	5,691	.....	3,385
2,000 to 4,999 acres.....	2,274			2,274
5,000 to 9,999 acres.....	.....	.....	9,000	.....
10,000 to 19,999 acres.....	.....	20,600	30,000	.....
20,000 to 49,999 acres.....	242,870			240,596
50,000 to 99,999 acres.....	52,378	50,000	.....	52,378
100,000 to 199,999 acres.....	.....	242,000	.....	.....
200,000 to 499,999 acres.....	.....			.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	298,633	100.0	1,119,242	100.0
Drainage districts.....	5,659	1.9	165,500	14.8
Irrigation enterprises:				
Federal.....	52,378	17.5	722,742	64.6
Other.....	240,596	80.6	231,000	20.6

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises	298,633	100.0	318,931	100.0	39,640	100.0	1,119,242	100.0	1,875,100	100.0	414,425	100.0
Gravity drainage only by—												
Open ditches	2,274	0.8	23,483	7.3	(2)	.....	95,500	8.5	145,500	7.8	(2)	.....
Tile drains	.....	.....	2,808	0.9			.....	.....	65,600	3.5		
Open ditches and tile drains	3,385	1.1	640	0.2			70,000	6.3	7,000	0.3		
All drained by pumping by—												
Open ditches	52,378	17.5					722,742	64.6				
Tile drains	.....	.....	50,000	15.7	(2)	.....	.....	.....	620,000	33.1	(2)	.....
Open ditches and tile drains	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches	.....	.....					.....	.....				
Tile drains	.....	.....	242,000	75.9	(2)	.....	.....	.....	1,037,000	55.3	(2)	.....
Open ditches and tile drains	240,596	80.6					231,000	20.6				
Total area served by pumps	92,378	30.9	130,000	40.8	25,000	63.1	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified. [2] Break-down for type of drainage not available.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	2	2,025	100.0	71,000	92,378
	1930	2	10,789	100.0	458,750	130,000
	1920	1	175	100.0	33,660	25,000
Electric	1940	1	1,500	74.1	15,000	40,000
	1930	1	10,264	95.1	380,000	80,000
	1920	.....	.....	.....	.....	.....
Internal combustion	1940	.....	.....	.....	.....	.....
	1930	.....	.....	.....	.....	.....
	1920	1	175	100.0	33,660	25,000
Electric and internal combustion	1940	1	525	25.9	56,000	52,378
	1930	1	525	4.9	78,750	50,000
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	33	71,000	100.0	2,025	92,378
	1930	175	458,750	100.0	10,789	130,000
Screw	1940	.....	.....	.....	.....	.....
	1930	3	78,750	17.2	525	50,000
Turbine	1940	3	56,000	78.9	525	52,378
	1930	.....	.....	.....	.....	.....
Centrifugal, screw, and turbine	1940	30	15,000	21.1	1,500	40,000
	1930	172	380,000	82.8	10,264	80,000

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	298,633	100.0	318,931	100.0	1,119,242	100.0	1,875,100	100.0	1,274	3,640
Enterprises in arrears—with some delinquent land	2,274	0.8	2,883	0.9	95,500	8.5	95,500	5.1	1,274	1,140
Enterprises not in arrears	296,359	99.2	316,048	99.1	1,023,742	91.5	1,779,600	94.9	.....	2,500
With some delinquent land	.....	.....	20,600	6.5	.....	.....	50,000	2.7	.....	2,500
With no delinquent land	296,359	99.2	295,448	92.6	1,023,742	91.5	1,729,600	92.2	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	298,633	1,119,242	94,000	42,000	10,000	1,274	11,144
Enterprises in debt	5,659	165,500	94,000	42,000	10,000	1,274	11,144
In arrears, amount of arrearage stated	2,274	95,500	64,000	42,000	.....	1,274	8,194
Collecting drainage taxes in 1939	2,274	95,500	64,000	42,000	.....	1,274	8,194
Not in arrears	3,385	70,000	30,000	.....	10,000	.....	2,950
Collecting drainage taxes in 1939	3,385	70,000	30,000	.....	10,000	.....	2,950
Enterprises not in debt	292,974	953,742	.....	.....	.....	.....	.....
No collections reported	292,974	953,742	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	298,633	100.0	1,119,242	100.0
Improvement of land already in farms	3,385	1.1	70,000	6.3
Reclamation of swamp land not previously in farms	2,274	0.8	95,500	8.5
Removal of alkali or seepage from irrigation	292,974	98.1	953,742	85.2

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	298,633	100.0	300,907	2,274	1,119,242	100.0
1900–1904	240,596	80.6	242,870	2,274	231,000	20.6
1910–1914	52,378	17.5	52,378	.....	722,742	64.6
1915–1919	1,800	0.6	1,800	.....	40,000	3.6
1920–1924	3,859	1.3	3,859	.....	125,500	11.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	298,633	297,382	99.6	951	300	295,976	99.1	.....	2,657	296,276	99.2	268,907	23,247	.....
1900–1904	240,596	240,596	100.0	.....	.....	240,596	100.0	.....	.....	240,596	100.0	219,159	21,437	.....
1910–1914	52,378	52,378	100.0	.....	.....	50,021	95.5	.....	2,357	50,021	95.5	44,389	1,510	.....
1915–1919	1,800	1,500	83.3	.....	300	1,500	83.3	.....	300	1,800	100.0	1,500	300	.....
1920–1924	3,859	2,908	75.4	951	.....	3,859	100.0	.....	.....	3,859	100.0	3,859	.....	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	298,633	298,633	55,763	242,870	6,400	0.02	0.11
Gravity drainage only	5,659	5,659	3,385	2,274	400	0.07	0.12
Open ditches only	2,274	2,274	.....	2,274	.....	.....	.....
Open ditches and tile drains	1,800	1,800	1,800	.....	250	0.13	0.13
Open ditches, tile drains, and levees	1,585	1,585	1,585	.....	150	0.09	0.09
Pumping for all or part of drainage	292,974	292,974	52,378	240,596	6,000	0.02	0.11
All drainage by pumping	52,378	52,378	52,378	.....	6,000	0.11	0.11
Part pumping and part gravity	240,596	240,596	.....	240,596	.....	.....	.....

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	298,633	100.0	1,119,242	100.0
Method, by district forces	298,633	100.0	1,119,242	100.0
Whether systematic:				
Reporting "yes"	296,359	99.2	1,023,742	91.5
Not reporting	2,274	0.8	95,500	8.5

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises—acres	298,633	52,378	17.5
Capital invested—dollars	1,119,242	722,742	64.6
Drainage works:			
Open ditches—miles	100.8	57.3	56.8
Tile drains—miles	8.8	.....	.....
Levees—miles	24.5	24.0	98.0

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises—acres	298,633	[1] 52,378	17.5
Capital invested—dollars	1,119,242	722,742	64.6
Drainage works:			
Open ditches—miles	100.8	57.3	56.8
Tile drains—miles	8.8	.....	.....
Levees—miles	24.5	24.0	98.0

[1] The land actually dependent upon outside agencies for protection is 50,000 acres, which is 95.5 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Graham[1]	Maricopa[1]	Yuma[1]
	LAND AREA						
1	Approximate land area	acres	1940	72,691,200	2,950,400	5,907,840	6,390,400
2	Drainage enterprises	number	1940	[2]5	2	2	1
3	Land in enterprises	acres	1940	298,633	3,385	242,870	52,378
4			1930	318,931	3,448	265,483	50,000
5			1920	39,640	640	9,000	30,000
6	Area of all enterprises, overlapping included	acres	1940	300,907	3,385	245,144	52,378
7	Amount of overlapping	acres	1940	2,274	.....	2,274	.....
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop	acres	1940	297,382	2,134	242,870	52,378
9			1930	313,112	3,148	259,964	50,000
10	Increase or decrease (-), 1930-1940	acres		-15,730	-1,014	-17,094	2,378
11		percent		-5.0	-32.2	-6.6	4.8
12	Land undrained, unfit for any crop	acres	1940	300	300	.....	.....
13			1930	4,125	125	4,000	.....
14	Increase or decrease (-), 1930-1940	acres		-3,825	175	-4,000	.....
15		percent		-92.7	140.0	-100.0	.....
16	Land partly drained, for partial crop	acres	1940	951	951	.....	.....
17			1930	1,694	175	1,519	.....
18	Increase or decrease (-), 1930-1940	acres		-743	776	-1,519	.....
19		percent		-43.9	443.4	-100.0	.....
20	Improved land	acres	1940	295,976	3,085	242,870	50,021
21			1930	309,112	3,248	257,964	47,900
22			1920	36,880	640	7,740	28,500
	Unimproved land:						
23	Woodland and cut-over land	acres	1940	.....	.....	.....	.....
24			1930	75	75	.....	.....
25			1920	.....	.....	.....	.....
26	Other unimproved land	acres	1940	2,657	300	.....	2,357
27			1930	9,744	125	7,519	2,100
28			1920	2,760	[3]	[3]	[3]
29	Land in occupied farms	acres	1940	296,276	3,385	242,870	50,021
30			1930	304,802	3,448	257,914	43,440
31	Increase or decrease (-), 1930-1940	acres		-8,526	-63	-15,044	6,581
32		percent		-2.8	-1.8	-5.8	15.1
33	Land in planted crops	acres	1940	268,907	3,085	221,433	44,389
34			1930	278,066	3,218	232,400	42,448
35	Increase or decrease (-), 1930-1940	acres		-9,159	-133	-10,967	1,941
36		percent		-3.3	-4.1	-4.7	4.6
37	Land idle	acres	1940	23,247	300	21,437	1,510
38			1930	39,219	200	32,519	6,500
39	Increase or decrease (-), 1930-1940	acres		-15,972	100	-11,082	-4,990
40		percent		-40.7	50.0	-34.1	-76.8
41	Land available for settlement	acres	1940	.....	.....	.....	.....
42			1930	1,519	.....	1,519	.....
43	Increase or decrease (-), 1930-1940	acres		-1,519	.....	-1,519	.....
44		percent		-100.0	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only	acres		2,274	.....	2,274	.....
46	Length of these ditches	miles		6.0	.....	6.0	.....
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		1,800	1,800	.....	.....
60	Length of these open ditches	miles		1.5	1.5	.....	.....
61	Length of these tile	miles		0.5	0.5	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		1,585	1,585	.....	.....
64	Length of these open ditches	miles		1.0	1.0	.....	.....
65	Length of these tile	miles		3.0	3.0	.....	.....
66	Length of these levees	miles		0.5	0.5	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres		292,974	.....	240,596	52,378
69	Length of open ditches owned by these enterprises	miles		92.3	.....	35.0	57.3
70	Length of tile owned by these enterprises	miles		5.3	.....	5.3	.....
71	Length of levees owned by these enterprises	miles		24.0	.....	.....	24.0
72	Part protected by levees of an outside agency	acres		50,000	.....	.....	50,000

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] The only intercounty enterprise is located partly in Yuma County, Arizona, as shown, and partly in Imperial County, California.
[3] Not available.
[4] Amounts in lines 68 to 72 are not included in lines 45 to 67.

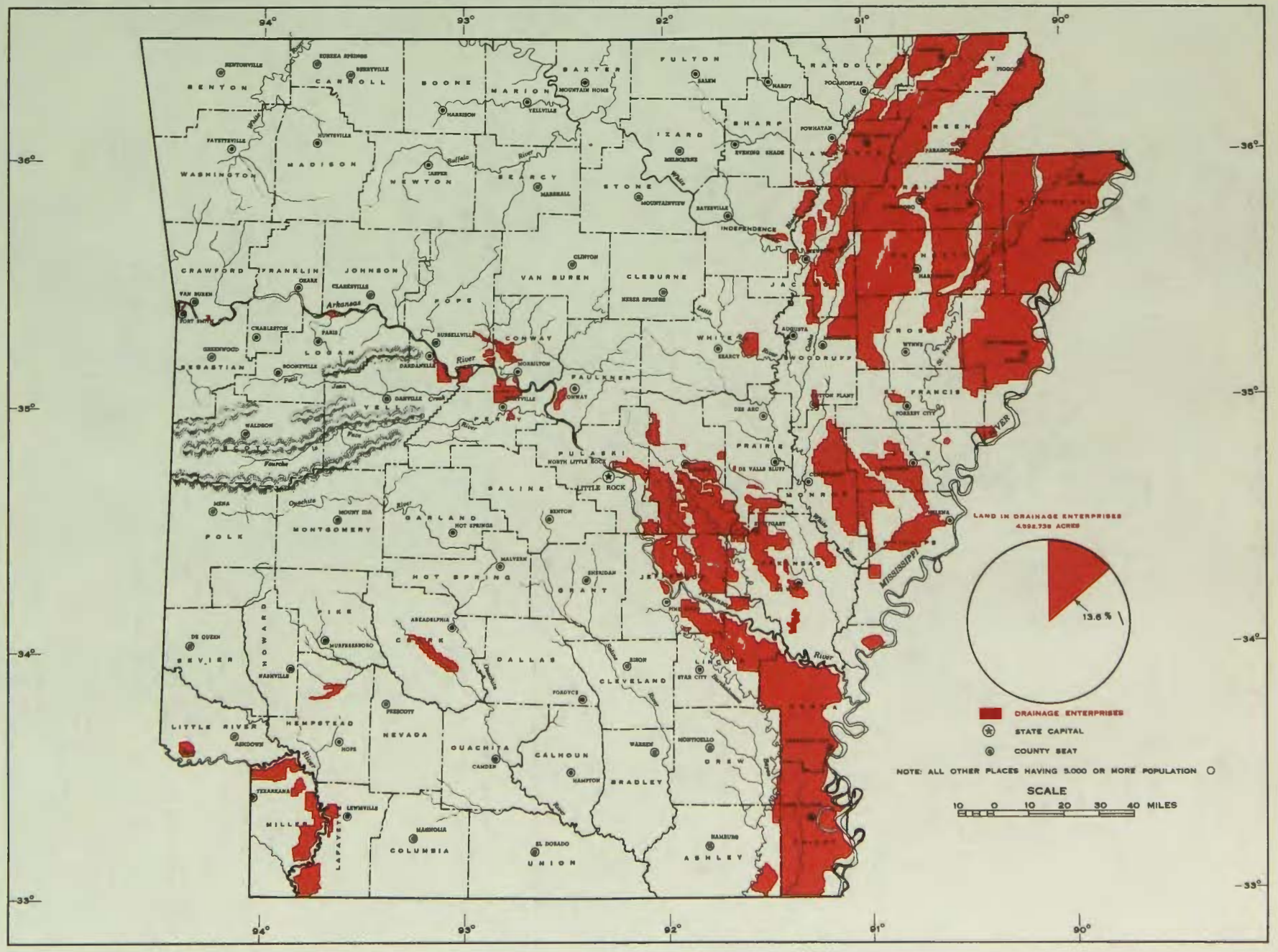
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Graham[1]	Maricopa[1]	Yuma[1]
	DRAINAGE WORKS						
1	Drainage enterprises	number	1940	[2]5	2	2	1
	Open ditches:						
2	Completed	miles	1940	100.8	2.5	41.0	57.3
3			1930	349.4	0.2	304.4	44.8
4			1920	32.6	[3]	[3]	[3]
5	Additional length authorized	miles	1940	5.0	.....	.....	5.0
	Tile drains:						
6	Completed	miles	1940	8.8	3.5	5.3	.....
7			1930	14.3	9.0	5.3	.....
8			1920	1.0	[3]	[3]	[3]
9	Additional length authorized	miles	1940	.....	.....	.....	.....
	Levees and dikes:						
10	Completed	miles	1940	24.5	0.5	.....	24.0
11			1930	2.5	.....	.....	2.5
12			1920	26.0	[3]	[3]	[3]
13	Additional length authorized	miles	1940	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity	horsepower	1940	2,025	.....	1,500	525
15			1930	10,789	.....	10,264	525
16			1920	175	[3]	[3]	[3]
17	Pump capacity	gal. per min.	1940	71,000	.....	15,000	56,000
18			1930	458,750	.....	380,000	78,750
19			1920	33,660	[3]	[3]	[3]
20	Land served by pumps	acres	1940	92,378	.....	40,000	52,378
21			1930	130,000	.....	80,000	50,000
22			1920	25,000	[3]	[3]	[3]
23	Wells pumped for drainage	number	1940	30	.....	30	.....
24			1930	172	.....	172	.....
	CAPITAL INVESTED						
25	Capital invested to January 1	dollars	1940	1,119,242	70,000	326,500	722,742
26			1930	1,875,100	72,600	1,182,500	620,000
27			1920	414,425	7,000	94,425	313,000
28	Estimated cost when completed	dollars	1940	1,146,242	70,000	326,500	749,742
29			1930	2,005,100	72,600	1,182,500	750,000
30			1920	1,026,425	7,000	94,425	925,000
31	Average cost per acre when completed	dollars	1940	3.84	25.00	1.34	14.31
32			1930	6.29	21.06	4.45	15.00
33			1920	25.89	10.94	10.49	30.83
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only	dollars		95,500	.....	95,500	.....
35	Average amount per acre	dollars		42.00	.....	42.00	.....
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		40,000	40,000	.....	.....
43	Average amount per acre	dollars		22.22	22.22	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		30,000	30,000	.....	.....
45	Average amount per acre	dollars		18.93	18.93	.....	.....
46	Enterprises operating pumping plants[4]	dollars		980,742	.....	231,000	749,742
47	Average amount per acre	dollars		3.35	.....	0.96	14.31
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants	dollars		6,000	.....	.....	6,000
49	Enterprises reporting	number		1	.....	.....	1
50	Land in these enterprises	acres		52,378	.....	.....	52,378
51	Average cost per acre	dollars		0.11	.....	.....	0.11
52	By enterprises not operating pumping plants	dollars		400	400	.....	.....
53	Enterprises reporting	number		2	2	.....	.....
54	Land in these enterprises	acres		3,385	3,385	.....	.....
55	Average cost per acre	dollars		0.12	0.12	.....	.....
	Federal aid in maintenance:						
56	Enterprises reporting	number		.....	.....	.....	.....
57	Land in these enterprises	acres		.....	.....	.....	.....
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939	dollars		11,144	2,950	8,194	.....
59	Enterprises reporting	number		3	2	1	.....
60	Land in these enterprises	acres		5,659	3,385	2,274	.....
61	Average amount collected per acre	dollars		1.97	0.87	3.60	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		1,274	.....	1,274	.....
63	Enterprises reporting	number		1	.....	1	.....
64	Land in these enterprises	acres		2,274	.....	2,274	.....
65	Portion delinquent in these enterprises	percent		56.0	.....	56.0	.....
66	Total indebtedness, Dec. 31, 1939	dollars		94,000	30,000	64,000	.....
67	Enterprises reporting	number		3	2	1	.....
68	Land in these enterprises	acres		5,659	3,385	2,274	.....
69	Average indebtedness per acre	dollars		16.61	8.86	28.14	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars		42,000	.....	42,000	.....
71	Enterprises reporting	number		1	.....	1	.....
72	Land in these enterprises	acres		2,274	.....	2,274	.....
73	Average arrearage per acre	dollars		18.47	.....	18.47	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		10,000	10,000	.....	.....
75	Enterprises reporting	number		1	1	.....	.....
76	Land in these enterprises	acres		1,585	1,585	.....	.....
77	Average reduction per acre	dollars		6.31	6.31	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] The only intercounty enterprise is located partly in Yuma County, Arizona, as shown, and partly in Imperial County, California.
[3] Not available.
[4] Amounts in lines 46 and 47 are not included in lines 34 to 45.

ARKANSAS

Location of Land in Drainage Enterprises



CENSUS OF DRAINAGE — ARKANSAS

STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	33,744,000	33,616,000	33,616,000	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	4,592,738	4,631,155	3,479,591	-38,417	-0.8	1,151,564	33.1
Improved.....acres.....	2,972,114	2,614,427	1,491,777	357,687	13.7	1,122,650	75.3
Unimproved:							
Timber and cut-over.....acres.....	1,514,179	1,752,958	1,923,382	-238,779	-13.6	-170,424	-8.9
Other.....acres.....	106,445	263,770	64,432	-157,325	-59.6	199,338	309.4
Drainage sufficient for normal crop.....acres.....	4,135,770	3,435,280	[1]	700,490	20.4	.....	.....
Partly drained, for partial crop.....acres.....	83,756	609,211	[1]	-525,455	-86.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	373,212	586,664	[2] 897,547	-213,452	-36.4	-310,883	-34.6
In occupied farms.....acres.....	3,100,342	2,940,035	[1]	160,307	5.4	.....	.....
In planted crops.....acres.....	2,326,648	2,425,632	[1]	-98,984	-4.1	.....	.....
Idle.....acres.....	1,593,470	2,035,463	[1]	-441,993	-21.7	.....	.....
Available for settlement.....acres.....	683,535	1,210,414	[1]	-526,879	-43.5		
Open ditches, completed.....miles.....	6,030.3	4,974.3	3,154.1	1,056.0	21.2	1,820.2	57.7
Tile drains, completed.....miles.....	10.8	0.1	[3] 20.4	10.7	[4]	.....	.....
Drainage pumping plants, capacity.....horsepower....	350	515	.....	-165	32.0	.....	.....
gal. per min..	60,000	156,500	.....	-96,500	-61.7	.....	.....
Capital invested in enterprises.....dollars.....	39,450,754	37,532,575	14,147,174	1,918,179	5.1	23,385,401	165.3
Average per acre.....dollars.....	8.59	8.10	4.07	0.49	6.0	4.03	99.0

[1]Not available. [2]Reported as "Swampy, subject to overflow, seeped, or alkali." [3]Incorrectly reported. [4]Percent not shown when more than 1,000.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	5,633,299	5,764,808	3,842,812	4,592,738	5,000 to 9,999 acres.....	523,848	493,382	274,227	438,751
					10,000 to 19,999 acres.....	975,512	2,414,091	1,473,391	797,345
100 to 199 acres.....	289	110	.....	110	20,000 to 49,999 acres.....	1,445,448			1,282,465
200 to 499 acres.....	1,080	1,038	1,140	800					
500 to 999 acres.....	14,523	12,060	3,669	13,623	50,000 to 99,999 acres.....	1,087,472	1,228,710	1,162,120	809,451
1,000 to 1,999 acres.....	39,084	235,900	103,001	31,352	100,000 to 199,999 acres.....	1,060,426	1,379,517	825,264	781,840
2,000 to 4,999 acres.....	199,537			169,449	200,000 to 499,999 acres.....	286,080			267,552

[1]The sum of the areas in the individual enterprises, without deduction for overlapping.
[2]Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,592,738	100.0	39,450,754	100.0
Drainage districts.....	4,508,380	98.2	39,004,644	98.9
Commercial developments:				
Incorporated.....	15,000	0.3	84,592	0.2
Unincorporated.....	.....	.....	.....	.....
Individually owned projects.....	69,358	1.5	361,518	0.9

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,592,738	100.0	4,631,155	100.0	3,479,591	100.0	39,450,754	100.0	37,532,575	100.0	14,147,174	100.0
Gravity drainage only by—												
Open ditches.....	4,535,561	98.8	4,447,004	96.0	3,438,635	98.9	38,646,554	98.0	33,678,075	89.7	13,853,174	98.0
Tile drains.....	.....	.....	.....	.....	3,100	0.1	.....	.....	.....	.....	41,000	0.3
Open ditches and tile drains...	9,480	0.2	8,890	0.2	37,856	1.1	252,200	0.6	26,500	0.1	253,000	1.8
All drained by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	.....	.....	3,261	0.1	.....	.....	.....	.....	135,000	0.4	.....	.....
Open ditches and tile drains...	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	47,697	1.0					552,000	1.4				
Tile drains.....	.....	.....	172,000	3.7	.....	.....	.....	.....	3,693,000	9.8	.....	.....
Open ditches and tile drains...	.....	.....					.....	.....				
Total area served by pumps.....	3,900	0.1	18,261	0.4	.....	.....	.....	.....	.....	.....	.....	.....

[1]Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises	1940	2	350	100.0	60,000	3,900
	1930	2	515	100.0	156,500	18,261
	1920	.....	.....	.....	.....	.....
Electric	1940	2	350	100.0	60,000	3,900
	1930	1	450	87.4	150,000	15,000
	1920	.....	.....	.....	.....	.....
Internal combustion	1940	.....	.....	.....	.....	.....
	1930	1	65	12.6	6,500	3,261
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises	1940	5	60,000	100.0	350	3,900
	1930	5	156,500	100.0	515	18,261
Centrifugal	1940	3	30,000	50.0	150	700
	1930	3	150,000	95.8	450	15,000
Rotary	1940	.....	.....	.....	.....	.....
	1930	2	6,500	4.2	65	3,261
Screw	1940	2	30,000	50.0	200	3,200
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	4,592,738	100.0	4,631,155	100.0	39,450,754	100.0	37,532,575	100.0	1,095,181	1,001,260
Enterprises in arrears	1,070,941	23.3	1,465,002	31.6	6,959,514	17.6	16,009,805	42.7	509,412	535,523
With some delinquent land	862,917	18.8	1,432,401	30.9	5,403,544	13.7	15,889,751	42.3	509,412	535,523
With no delinquent land	178,082	3.8	14,201	0.3	1,340,007	3.4	52,554	0.2	.....	.....
With no report on delinquency	29,942	0.7	18,400	0.4	215,963	0.5	67,500	0.2	.....	.....
Enterprises not in arrears	3,515,117	76.6	3,166,153	68.4	32,256,240	81.8	21,522,770	57.3	584,552	465,737
With some delinquent land	2,005,073	43.6	2,378,341	51.4	23,063,476	58.5	15,984,468	42.6	584,562	465,737
With no delinquent land	1,466,190	32.0	719,930	15.5	8,677,184	22.0	4,524,802	12.0	.....	.....
With no report on delinquency	43,854	1.0	67,882	1.5	515,580	1.3	1,013,500	2.7	.....	.....
Enterprises not reporting on arrearage	6,680	0.1	.....	.....	235,000	0.6	.....	.....	1,207	.....
With some delinquent land	6,680	0.1	.....	.....	235,000	0.6	.....	.....	1,207	.....
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	4,592,738	39,450,754	13,234,878	2,683,688	12,517,080	1,095,181	1,013,145
Enterprises in debt	3,366,869	32,776,297	13,234,878	2,683,688	12,495,830	1,087,525	990,275
In arrears, amount of arrearage stated	1,049,125	6,646,514	3,521,315	2,683,688	422,370	510,588	100,071
Collecting drainage taxes in 1939	742,293	4,286,118	2,149,711	1,465,635	74,398	417,273	100,071
No collections reported	306,832	2,360,396	1,371,604	1,218,053	347,972	93,315	.....
In arrears, amount not stated	21,816	201,000	168,000	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	21,816	201,000	168,000	.....	.....	.....	.....
Not in arrears	2,289,248	25,693,783	9,418,563	.....	11,999,960	575,730	884,028
Collecting drainage taxes in 1939	2,101,542	24,446,083	9,044,813	.....	11,741,960	558,471	884,028
No collections reported	187,706	1,247,700	373,750	.....	258,000	17,259	.....
Not reporting as to arrears	6,680	235,000	127,000	.....	73,500	1,207	6,177
Collecting drainage taxes in 1939	6,680	235,000	127,000	.....	73,500	1,207	6,177
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	1,187,311	6,457,957	.....	.....	21,250	7,296	24,713
Collecting drainage taxes in 1939	148,728	878,666	.....	.....	21,250	6,206	24,713
No collections reported	1,038,583	5,579,291	.....	.....	.....	1,090	.....
Enterprises not reporting as to debt	38,558	216,500	.....	.....	.....	360	1,156
Collecting drainage taxes in 1939	2,240	16,500	.....	.....	.....	360	1,156
No collections reported	36,318	200,000	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	4,592,738	100.0	39,450,754	100.0
Improvement of land already in farms	3,488,542	75.9	27,348,096	69.3
Reclamation of swamp land not previously in farms	889,062	19.4	10,337,397	26.2
Protection against overflow	215,134	4.7	1,765,261	4.5

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	4,592,738	100.0	5,633,299	1,040,561	39,450,754	100.0
1905-1909	327,626	7.1	631,675	304,049	1,931,517	4.9
1910-1914	1,448,702	31.5	1,947,420	498,718	9,628,776	24.4
1915-1919	1,550,777	33.8	1,683,829	133,052	17,540,829	44.5
1920-1924	812,312	17.7	893,122	80,810	6,895,939	17.5
1925-1929	344,024	7.5	367,956	23,932	2,858,515	7.2
1930-1934	85,531	1.9	85,531	.....	426,582	1.1
1935-1939	23,766	0.5	23,766	.....	168,596	0.4

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

[2]The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	4,592,738	4,135,770	90.0	83,756	373,212	2,972,114	64.7	1,514,179	106,445	3,100,342	67.5	2,326,648	1,593,470	683,535
1905-1909	327,626	264,107	80.6	6,611	56,908	180,145	55.0	145,521	1,960	190,765	58.2	143,072	148,077	55,629
1910-1914	1,448,702	1,330,935	91.9	11,491	106,276	991,916	68.5	445,962	10,824	1,062,163	73.3	771,783	461,809	189,536
1915-1919	1,550,777	1,420,202	91.6	26,386	104,189	1,014,287	65.4	450,019	86,471	1,038,525	67.0	797,267	490,216	265,893
1920-1924	812,312	685,302	84.4	28,703	98,307	433,036	53.3	378,331	945	435,752	53.6	335,093	390,875	134,514
1925-1929	344,024	326,567	94.9	10,565	6,892	265,446	77.2	72,973	5,605	279,918	81.4	209,699	81,320	30,053
1930-1934	85,531	85,531	100.0	.....	.....	73,444	85.9	12,087	.....	71,066	83.1	58,677	12,087	7,910
1935-1939	23,766	23,126	97.3	.....	640	13,840	58.2	9,286	640	22,153	93.2	11,057	9,086	.....

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	4,592,738	4,592,738	1,927,500	2,665,238	590,232	0.13	0.31
Gravity drainage only	4,545,041	4,545,041	1,883,233	2,661,808	582,532	0.13	0.31
Open ditches only	3,758,444	3,758,444	1,279,789	2,478,655	165,642	0.04	0.13
Open ditches and levees	777,117	777,117	603,444	173,673	416,890	0.54	0.69
Open ditches and tile drains	9,480	9,480	.....	9,480	.....	.....	.....
Pumping for all or part of drainage	47,697	47,697	44,267	3,430	7,700	0.16	0.17
All drainage by pumping	.....	.....	.....	.....	.....	.....	.....
Part pumping and part gravity	47,697	47,697	44,267	3,430	7,700	0.16	0.17

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	4,592,738	100.0	39,450,754	100.0
Method:				
By district forces	862,797	18.8	6,317,414	16.0
By contract	908,682	19.8	14,922,239	37.8
Work apportioned to landowners	40,090	0.9	261,950	0.7
"None," or not reporting	2,781,169	60.5	17,949,151	45.5
Whether systematic:				
Reporting "yes"	1,913,395	41.7	22,457,973	56.9
Reporting "no"	2,679,343	58.3	16,992,781	43.1
Not reporting	.....	.....	.....	.....

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises....acres....	4,592,738	573,190	12.5
Capital invested....dollars..	39,450,754	13,364,947	33.9
Drainage works:			
Open ditches....miles....	6,030.3	1,492.9	24.8
Tile drains....miles....	10.8	7.0	64.8
Levees....miles....	332.4	180.0	54.2

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received....	1,050,710	16,917,826	1,713.1	.....	170.1
Work Projects Administration....	546,786	3,750,682	536.6	.....	0.1
Corps of Engineers, U.S.A....	14,358	199,800	14.0	.....	14.0
W.P.A. and Corps of Engineers....	52,904	654,800	60.0	.....	.....
Other kind or combination....	436,662	12,312,544	1,102.5	.....	155.0

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises....acres....	4,592,738	[1]2,071,000	45.1
Capital invested....dollars..	39,450,754	19,114,539	48.4
Drainage works:			
Open ditches....miles....	6,030.3	3,011.1	50.0
Tile drains....miles....	10.8	7.0	64.8
Levees....miles....	332.4	177.0	53.2

[1]The land actually dependent upon outside agencies for protection is 2,058,246 acres, which is 99.4 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Arkansas	Chicot	Clark[1]	Clay	Conway	Craighead	Crawford[1]
	LAND AREA								
1	Approximate land area.....acres....1940..	33,744,000	662,400	414,080	561,920	416,000	358,400	458,880	382,720
2	Drainage enterprises.....number...1940..	[2] 287	18	6	1	15	5	23	1
3	Land in enterprises.....acres....1940..	4,592,738	117,299	342,041	26,071	285,498	25,325	361,726	920
4	1930..	4,631,155	144,126	343,211	38,476	254,149	27,110	339,181	[3]
5	1920..	3,479,591	91,840	68,920	25,000	278,480	31,650	265,920	.....
6	Area of all enterprises, overlapping included.....acres....1940..	5,633,299	118,989	347,451	26,071	389,579	25,325	499,056	920
7	Amount of overlapping.....acres....1940..	1,040,561	1,690	5,410	.....	104,081	.....	137,330	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	4,135,770	110,492	315,266	26,071	271,865	13,655	343,877	920
9	1930..	3,435,280	126,844	246,000	38,476	182,460	4,220	299,366	[3]
10	Increase or decrease (-), 1930-1940.....acres.....	700,490	-16,352	69,266	-12,405	89,405	9,435	44,511	.....
11	percent.....	20.4	-12.9	28.2	-32.2	49.0	223.6	14.9	.....
12	Land undrained, unfit for any crop.....acres....1940..	373,212	.....	26,775	.....	13,633	11,670	9,224	.....
13	1930..	586,664	5,400	55,521	.....	40,500	21,560	16,263	[3]
14	Increase or decrease (-), 1930-1940.....acres.....	-213,452	-5,400	-28,746	.....	-26,867	-9,890	-7,039	.....
15	percent.....	-36.4	-100.0	-51.8	.....	-66.3	-45.9	-43.3	.....
16	Land partly drained, for partial crop.....acres....1940..	83,756	6,807	.....	.....	.....	.....	8,625	.....
17	1930..	609,211	11,882	41,690	.....	31,189	1,330	23,552	[3]
18	Increase or decrease (-), 1930-1940.....acres.....	-525,455	-5,075	-41,690	.....	-31,189	-1,330	-14,927	.....
19	percent.....	-86.2	-42.7	-100.0	.....	-100.0	-100.0	-63.4	.....
20	Improved land.....acres....1940..	2,972,114	103,314	157,342	13,200	189,220	13,655	213,617	920
21	1930..	2,614,427	124,662	126,650	30,000	125,050	5,560	197,480	[3]
22	1920..	1,491,777	82,461	32,204	12,500	147,907	15,825	89,379	.....
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	1,514,179	13,727	146,192	6,436	94,266	11,670	146,817	.....
24	1930..	1,752,958	14,582	212,400	4,476	114,375	18,050	135,885	[3]
25	1920..	1,923,382	8,653	36,716	12,500	130,573	15,825	176,541	.....
26	Other unimproved land.....acres....1940..	106,445	258	38,507	6,435	2,012	.....	1,292	.....
27	1930..	263,770	4,882	4,161	4,000	14,724	3,500	5,816	[3]
28	1920..	64,432	726	.....	.....	.....	.....	.....	.....
29	Land in occupied farms[4].....acres....1940..	3,100,342	115,568	157,342	13,200	199,000	13,655	216,597	920
30	1930..	2,940,035	125,926	129,325	38,476	229,425	4,560	268,584	[3]
31	Increase or decrease (-), 1930-1940.....acres.....	160,307	-10,358	28,017	-25,276	-30,425	9,095	-51,987	.....
32	percent.....	5.4	-8.2	21.7	-65.7	-13.3	199.4	-19.4	.....
33	Land in planted crops.....acres....1940..	2,326,648	102,703	95,000	13,200	100,000	13,655	153,000	920
34	1930..	2,425,632	90,730	126,380	30,000	109,800	3,550	180,277	[3]
35	Increase or decrease (-), 1930-1940.....acres.....	-98,984	11,973	-31,380	-16,800	-9,800	10,105	-27,277	.....
36	percent.....	-4.1	13.2	-24.8	-56.0	-8.9	284.6	-15.1	.....
37	Land idle.....acres....1940..	1,593,470	14,444	184,699	12,871	96,236	11,670	148,390	.....
38	1930..	2,035,463	44,612	215,650	8,000	121,015	23,550	141,031	[3]
39	Increase or decrease (-), 1930-1940.....acres.....	-441,993	-30,168	-30,951	4,871	-24,749	-11,880	7,359	.....
40	percent.....	-21.7	-67.6	-14.4	60.9	-20.4	-50.4	5.2	.....
41	Land available for settlement.....acres....1940..	683,535	.....	78,714	10,000	3,976	.....	103,065	.....
42	1930..	1,210,414	14,634	177,934	.....	15,000	1,000	58,750	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-526,879	-14,634	-99,220	10,000	-11,024	-1,000	44,315	.....
44	percent.....	-43.5	-100.0	-55.8	.....	-73.5	-100.0	75.4	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	3,758,444	117,299	342,041	26,071	251,747	25,325	347,501	920
46	Length of these ditches.....miles.....	4,687.8	150.2	198.7	32.0	365.3	22.5	455.2	2.2
47	Part protected by levees of an outside agency.....acres.....	1,625,024	.....	342,041	.....	53,758	723	26,781	920
48	Land drained by open ditches and own levees.....acres.....	777,117	.....	.....	.....	33,751	.....	7,545	.....
49	Length of these ditches.....miles.....	1,220.8	.....	.....	.....	35.0	.....	11.0	.....
50	Length of these levees.....miles.....	326.4	.....	.....	.....	41.0	.....	5.5	.....
51	Part protected by levees of an outside agency.....acres.....	386,155	.....	.....	.....	15,322	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	9,480	.....	.....	.....	.....	.....	6,680	.....
60	Length of these open ditches.....miles.....	27.2	.....	.....	.....	.....	.....	15.2	.....
61	Length of these tile.....miles.....	10.8	.....	.....	.....	.....	.....	3.8	.....
62	Part protected by levees of an outside agency.....acres.....	2,800	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5].....acres.....	47,697	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	94.5	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	6.0	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	44,267	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 250.
[3] Included in "Other counties."
[4] For some counties the reported land in occupied farms evidently omits unimproved land used for farming purposes.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Critten-den	Cross	Desha	Drew[1]	Greene	Hemp-stead[1]	Independ-ence	Jackson	Jefferson
	LAND AREA										
1	Approximate land area	1940	398,720	400,640	496,640	535,040	370,560	470,400	483,200	407,680	569,600
2	Drainage enterprises (number)	1940	10	5	5	1	18	2	3	16	18
3	Land in enterprises (acres)	1940	259,157	124,310	320,025	3,440	198,897	9,960	21,356	165,698	190,945
4		1930	236,587	110,819	317,386	6,012	210,500	([2])	24,740	157,407	190,184
5		1920	261,860	43,364	317,264	6,400	182,180	9,400	5,520	61,083	162,630
6	Area of all enterprises, overlapping included (acres)	1940	261,470	125,070	404,153	3,440	319,541	9,960	21,356	172,313	278,520
7	Amount of overlapping (acres)	1940	2,313	760	84,128	.....	120,644	.....	.....	6,615	87,575
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop (acres)	1940	259,157	91,903	279,654	2,716	144,282	9,960	20,116	149,536	190,945
9		1930	170,000	60,900	103,700	6,012	183,731	([2])	8,800	120,596	156,984
10	Increase or decrease (-), 1930-1940 (acres)		89,157	31,003	175,954	-3,296	-39,449	.....	11,316	28,940	33,961
11		(percent)	52.4	50.9	169.7	-54.8	-21.5	.....	128.6	24.0	21.6
12	Land undrained, unfit for any crop (acres)	1940	.....	32,318	40,371	724	25,519	.....	1,240	8,946	.....
13		1930	10,037	11,228	94,346	.....	11,352	([2])	15,940	14,560	20,446
14	Increase or decrease (-), 1930-1940 (acres)		-10,037	21,090	-53,975	724	14,167	.....	-14,700	-5,614	-20,446
15		(percent)	-100.0	187.8	-57.2	.....	124.8	.....	-92.2	-38.6	-100.0
16	Land partly drained, for partial crop (acres)	1940	.....	89	.....	.....	29,096	.....	.....	7,216	.....
17		1930	56,550	38,691	119,340	.....	15,417	([2])	.....	22,251	12,754
18	Increase or decrease (-), 1930-1940 (acres)		-56,550	-38,602	-119,340	.....	13,679	.....	.....	-15,035	-12,754
19		(percent)	-100.0	-99.8	-100.0	.....	88.7	.....	.....	-67.6	-100.0
20	Improved land (acres)	1940	259,157	38,492	187,572	2,716	118,911	8,738	8,360	93,768	117,684
21		1930	170,300	72,400	108,562	1,503	114,226	([2])	8,800	95,157	138,334
22		1920	132,892	11,807	59,453	3,200	73,300	8,652	3,368	25,097	94,352
	Unimproved land:										
23	Woodland and cut-over land (acres)	1940	.....	85,086	132,453	724	75,770	1,222	12,996	70,640	73,261
24		1930	49,400	23,000	121,331	4,208	96,274	([2])	15,940	53,846	48,271
25		1920	114,296	29,625	247,811	3,200	105,265	700	1,891	35,986	68,308
26	Other unimproved land (acres)	1940	.....	732	.....	.....	4,216	.....	.....	1,290	.....
27		1930	16,887	15,419	87,493	301	.....	([2])	.....	8,404	3,579
28		1920	14,672	1,932	.....	.....	3,615	48	261	.....	.....
29	Land in occupied farms[3] (acres)	1940	220,000	35,036	202,517	2,716	131,078	8,738	8,360	112,005	127,294
30		1930	172,300	72,400	108,562	1,503	204,280	([2])	8,800	93,157	138,514
31	Increase or decrease (-), 1930-1940 (acres)		47,700	-37,364	93,955	1,213	-73,202	.....	-440	18,848	-11,220
32		(percent)	27.7	-51.6	86.5	80.7	-35.8	.....	-5.0	20.2	-8.1
33	Land in planted crops (acres)	1940	150,000	35,036	110,000	2,716	103,625	8,738	8,360	93,767	116,576
34		1930	170,300	72,400	96,700	1,503	101,640	([2])	7,480	91,420	135,334
35	Increase or decrease (-), 1930-1940 (acres)		-20,300	-37,364	13,300	1,213	1,985	.....	880	2,347	-18,758
36		(percent)	-11.9	-51.6	13.8	80.7	2.0	.....	11.8	2.6	-13.9
37	Land idle (acres)	1940	.....	89,274	132,453	724	93,542	1,222	12,996	66,647	74,069
38		1930	59,287	29,315	220,686	4,208	97,688	([2])	16,900	61,328	52,035
39	Increase or decrease (-), 1930-1940 (acres)		-59,287	59,959	-88,233	-3,484	-4,146	.....	-3,904	5,319	22,034
40		(percent)	-100.0	204.5	-40.0	-82.8	-4.2	.....	-23.1	8.7	42.3
41	Land available for settlement (acres)	1940	.....	36,396	69,600	.....	8,000	.....	10,000	48,949	41,796
42		1930	47,700	28,500	175,090	4,208	1,000	([2])	.....	50,765	30,680
43	Increase or decrease (-), 1930-1940 (acres)		-47,700	7,896	-105,490	-4,208	7,000	.....	10,000	-1,816	11,116
44		(percent)	-100.0	27.7	-60.2	-100.0	700.0	.....	.....	-3.6	36.2
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only (acres)		259,157	124,310	307,825	3,440	140,193	9,960	21,356	104,405	186,495
46	Length of these ditches (miles)		439.4	116.0	155.7	3.0	181.0	16.0	13.9	143.8	343.0
47	Part protected by levees of an outside agency (acres)		259,157	36,144	307,825	3,440	44,072	.....	.....	3,911	55,265
48	Land drained by open ditches and own levees (acres)		.....	.....	12,200	.....	58,704	.....	.....	61,293	1,020
49	Length of these ditches (miles)		.....	.....	4.8	.....	87.0	.....	.....	89.2	1.0
50	Length of these levees (miles)		.....	.....	7.5	.....	39.0	.....	.....	6.1	0.2
51	Part protected by levees of an outside agency (acres)		.....	.....	12,200	.....	.....	.....	.....	1,000	.....
52	Land drained by tile only (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4] (acres)		.....	.....	.....	.....	.....	.....	.....	.....	3,430
69	Length of open ditches owned by these enterprises (miles)		.....	.....	.....	.....	.....	.....	.....	.....	8.5
70	Length of tile owned by these enterprises (miles)		.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises (miles)		.....	.....	.....	.....	.....	.....	.....	.....	6.0
72	Part protected by levees of an outside agency (acres)		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] For some counties the reported land in occupied farms evidently omits unimproved land used for farming purposes.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Lafayette	Lawrence	Lee	Lincoln	Logan[1]	Lonoke	Miller	Mississippi	Monroe
	LAND AREA									
1	Approximate land area....acres....1940..	343,680	378,880	396,800	361,600	465,280	512,000	401,280	588,160	394,880
2	Drainage enterprises....number...1940..	3	13	9	10	1	10	8	23	3
3	Land in enterprises....acres....1940..	42,074	176,764	105,665	100,669	1,301	222,201	87,349	491,772	137,680
4	1930..	41,000	200,324	108,094	100,229	(2)	219,215	88,800	504,420	200,000
5	1920..	.....	117,520	20,576	92,937	.....	172,007	27,640	478,687	33,136
6	Area of all enterprises, overlapping included....acres....1940..	42,074	244,508	106,345	121,769	1,301	232,852	87,989	830,975	152,500
7	Amount of overlapping....acres....1940..	.....	67,744	680	21,100	.....	10,651	640	339,203	14,820
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	36,074	172,638	95,400	89,691	1,301	191,315	74,537	480,822	129,710
9	1930..	28,500	138,242	69,400	75,064	(2)	193,950	82,300	327,720	195,000
10	Increase or decrease (-), 1930-1940....acres....	7,574	34,396	26,000	14,627	.....	-2,635	-7,763	153,102	-65,290
11	percent.....	26.6	24.9	37.5	19.5	.....	-1.4	-9.4	46.7	-33.5
12	Land undrained, unfit for any crop....acres....1940..	6,000	3,890	5,214	7,970	.....	25,690	12,612	9,125	7,970
13	1930..	8,500	32,610	7,739	23,039	(2)	24,765	2,000	75,000	5,000
14	Increase or decrease (-), 1930-1940....acres....	-2,500	-26,720	-2,525	-15,069	.....	925	10,812	-65,875	2,970
15	percent.....	-29.4	-88.1	-32.6	-65.4	.....	3.7	540.6	-87.8	59.4
16	Land partly drained, for partial crop....acres....1940..	.....	236	5,051	3,008	.....	5,196	.....	1,825	.....
17	1930..	4,000	29,472	30,955	2,126	.....	500	4,500	101,700	.....
18	Increase or decrease (-), 1930-1940....acres....	-4,000	-29,236	-25,904	882	.....	4,696	-4,500	-99,875	.....
19	percent.....	-100.0	-99.2	-83.7	41.5	.....	939.2	-100.0	-98.2	.....
20	Improved land....acres....1940..	27,000	88,967	73,907	75,264	1,200	180,202	43,941	462,550	68,268
21	1930..	28,000	91,101	73,700	73,089	(2)	155,517	45,600	313,920	105,000
22	1920..	.....	37,190	12,466	47,807	.....	91,067	14,512	207,743	14,911
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	15,674	87,797	31,658	25,405	101	41,999	43,408	17,887	69,412
24	1930..	13,000	109,223	26,350	21,552	(2)	63,698	43,200	129,500	95,000
25	1920..	.....	75,430	8,110	42,930	.....	80,940	10,058	257,111	18,225
26	Other unimproved land....acres....1940..	.....	.....	100	.....	.....	.....	.....	11,335	.....
27	1930..	.....	.....	8,044	5,588	(2)	.....	.....	61,000	.....
28	1920..	.....	4,900	.....	2,200	.....	.....	3,070	13,833	.....
29	Land in occupied farms[3]....acres....1940..	27,000	108,608	82,597	85,901	1,301	197,030	43,941	475,997	68,268
30	1930..	28,000	106,742	70,200	75,064	(2)	149,743	45,600	314,220	90,000
31	Increase or decrease (-), 1930-1940....acres....	-1,000	1,866	12,397	10,837	.....	47,287	-1,659	161,777	-21,732
32	percent.....	-3.6	1.7	17.6	14.4	.....	31.6	-3.6	51.5	-24.1
33	Land in planted crops....acres....1940..	27,000	82,124	73,907	74,008	1,200	125,100	36,100	386,000	52,028
34	1930..	26,000	89,581	70,100	73,089	(2)	132,133	45,100	313,920	80,000
35	Increase or decrease (-), 1930-1940....acres....	1,000	-7,457	3,807	919	.....	-7,033	-9,000	72,080	-27,972
36	percent.....	3.8	-8.3	5.4	1.2	.....	-5.3	-20.0	23.0	-35.0
37	Land idle....acres....1940..	13,074	71,321	31,658	26,357	101	51,739	43,408	32,066	69,432
38	1930..	15,000	105,312	33,139	25,077	(2)	66,095	43,700	185,300	95,000
39	Increase or decrease (-), 1930-1940....acres....	-1,926	-33,991	-1,481	1,280	.....	-14,356	-292	-153,234	-25,568
40	percent.....	-12.8	-32.3	-4.5	5.1	.....	-21.7	-0.7	-82.7	-26.9
41	Land available for settlement....acres....1940..	.....	2,196	28,201	7,486	.....	14,744	11,901	3,000	45,472
42	1930..	5,000	56,292	28,710	1,438	.....	43,853	42,200	108,800	90,000
43	Increase or decrease (-), 1930-1940....acres....	-5,000	-54,096	-509	6,048	.....	-29,109	-30,299	-105,800	-44,528
44	percent.....	-100.0	-96.1	-1.8	420.6	.....	-66.4	-71.8	-97.2	-49.5
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	42,074	176,764	105,665	100,669	1,301	147,848	55,623	144,762	137,360
46	Length of these ditches....miles....	51.7	209.8	101.4	179.8	3.0	177.7	55.0	667.1	57.0
47	Part protected by levees of an outside agency....acres....	36,125	18,660	4,387	64,244	.....	22,360	50,323	144,762	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	.....	74,353	31,726	299,943	320
49	Length of these ditches....miles....	.....	.....	.....	.....	.....	57.4	35.0	600.5	0.1
50	Length of these levees....miles....	.....	.....	.....	.....	.....	2.1	17.0	108.0	0.5
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	31,726	299,943	320
52	Land drained by tile only....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	.....	.....	.....	.....	.....	.....	.....	2,800	.....
60	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	12.0	.....
61	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	7.0	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	2,800	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]....acres....	.....	.....	.....	.....	.....	.....	.....	44,267	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	.....	.....	.....	86.0	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	44,267	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] For some counties the reported land in occupied farms evidently omits unimproved land used for farming purposes.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Phillips	Poinsett	Pope	Prairie	Pulaski	Randolph	St. Francis	Woodruff	Other counties[1]
	LAND AREA									
1	Approximate land area.....acres....1940..	450,560	487,680	522,240	431,360	499,840	407,680	407,040	378,880	3,329,280
2	Drainage enterprises.....number...1940..	5	8	4	7	5	5	4	3	10
3	Land in enterprises.....acres....1940..	108,707	376,318	8,558	27,943	29,400	53,189	33,199	37,570	99,651
4	1930..	97,040	375,544	7,127	39,025	27,627	53,020	27,246	44,446	98,110
5	1920..	119,800	394,800	2,500	7,256	16,000	48,320	29,563	13,180	94,128
6	Area of all enterprises, overlapping included.....acres....1940..	109,507	407,498	9,845	28,823	29,460	53,379	34,039	37,570	99,651
7	Amount of overlapping.....acres....1940..	800	31,180	1,287	880	.....	190	840	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	95,470	278,330	8,350	26,903	27,012	49,302	26,199	36,110	86,191
9	1930..	64,000	300,804	5,330	30,711	26,627	49,020	18,535	41,946	80,042
10	Increase or decrease (-), 1930-1940.....acres.....	31,470	-22,474	3,020	-3,808	385	282	7,664	-5,836	6,149
11	percent.....	49.2	-7.5	56.7	-12.4	1.4	0.6	41.3	-13.9	7.7
12	Land undrained, unfit for any crop.....acres....1940..	10,237	85,116	208	1,040	1,848	3,752	7,000	1,460	13,460
13	1930..	12,100	61,500	1,070	600	300	.....	1,411	2,500	11,377
14	Increase or decrease (-), 1930-1940.....acres.....	-1,863	23,616	-862	440	1,548	3,752	5,589	-1,040	2,083
15	percent.....	-15.4	38.4	-80.6	73.3	516.0	.....	396.1	-41.6	18.3
16	Land partly drained, for partial crop.....acres....1940..	3,000	12,872	.....	.....	600	135	.....	.....	.....
17	1930..	20,940	13,240	727	7,714	700	4,000	7,300	.....	6,691
18	Increase or decrease (-), 1930-1940.....acres.....	-17,940	-368	-727	-7,714	-100	-3,865	-7,300	.....	-6,691
19	percent.....	-85.7	-2.8	-100.0	-100.0	-14.3	-96.6	-100.0	.....	-100.0
20	Improved land.....acres....1940..	59,610	180,842	7,894	17,730	20,209	34,358	25,782	16,542	61,182
21	1930..	60,500	151,979	6,007	29,411	25,265	36,318	18,350	26,000	55,986
22	1920..	59,110	71,510	1,250	6,168	16,000	31,860	13,853	10,544	53,389
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	48,522	163,329	664	6,178	9,251	18,461	7,021	20,243	36,509
24	1930..	27,000	217,425	1,120	9,214	1,432	16,302	7,460	18,446	40,998
25	1920..	60,690	315,725	1,250	.....	.....	16,460	5,188	2,636	40,739
26	Other unimproved land.....acres....1940..	575	32,147	.....	4,035	.....	370	396	785	1,960
27	1930..	9,540	6,140	.....	400	930	400	1,436	.....	1,126
28	1920..	.....	7,565	.....	1,088	.....	.....	10,522	.....	.....
29	Land in occupied farms[2].....acres....1940..	75,535	184,860	7,894	19,313	20,209	34,358	25,780	16,542	61,182
30	1930..	59,500	194,083	6,107	31,311	24,827	45,020	22,350	26,000	55,456
31	Increase or decrease (-), 1930-1940.....acres.....	16,035	-9,223	1,787	-11,998	-4,618	-10,662	3,430	-9,458	5,726
32	percent.....	26.9	-4.8	29.3	-38.3	-18.6	-23.7	15.3	-36.4	10.3
33	Land in planted crops.....acres....1940..	57,468	129,000	7,894	17,730	19,959	33,082	23,100	14,900	58,752
34	1930..	59,500	143,759	6,007	21,660	23,105	31,118	18,350	21,000	53,696
35	Increase or decrease (-), 1930-1940.....acres.....	-2,032	-14,759	1,887	-3,930	-3,146	1,964	4,750	-6,100	5,056
36	percent.....	-3.4	-10.3	31.4	-18.1	-13.6	6.3	25.9	-29.0	9.4
37	Land idle.....acres....1940..	51,239	159,310	664	9,373	9,501	18,831	7,417	20,243	38,469
38	1930..	30,240	226,175	1,120	16,191	3,352	19,902	8,896	21,946	43,713
39	Increase or decrease (-), 1930-1940.....acres.....	20,999	-66,865	-456	-6,818	6,149	-1,071	-1,479	-1,703	-5,244
40	percent.....	69.4	-29.6	-40.7	-42.1	183.4	-5.4	-16.6	-7.8	-12.0
41	Land available for settlement.....acres....1940..	25,000	90,125	.....	5,685	4,900	10,900	.....	17,429	6,000
42	1930..	25,960	133,021	.....	7,000	2,200	8,000	3,400	15,946	33,333
43	Increase or decrease (-), 1930-1940.....acres.....	-960	-42,896	.....	-1,315	2,700	2,900	-3,400	1,483	-27,333
44	percent.....	-3.7	-32.2	.....	-18.8	122.7	36.2	-100.0	9.3	-82.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	100,632	223,618	6,000	27,943	29,460	53,189	33,199	37,570	66,722
46	Length of these ditches.....miles.....	91.0	176.8	14.5	34.6	30.5	76.0	51.5	32.0	40.5
47	Part protected by levees of an outside agency.....acres.....	69,865	.....	.....	.....	11,025	.....	27,396	8,320	33,520
48	Land drained by open ditches and own levees.....acres.....	8,075	152,700	2,558	.....	.....	.....	.....	.....	32,929
49	Length of these ditches.....miles.....	2.3	256.0	2.0	.....	.....	.....	.....	.....	39.5
50	Length of these levees.....miles.....	14.5	68.0	2.0	.....	.....	.....	.....	.....	15.0
51	Part protected by levees of an outside agency.....acres.....	8,075	.....	.....	.....	.....	.....	.....	.....	17,569
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Ashley, Faulkner, Little River, Perry, Sebastian, White, and Yell Counties in 1940; Ashley, Crawford, Faulkner, Hempstead, Little River, Logan, Perry, Sebastian, and White Counties in 1930; and Ashley, Faulkner, Little River, Perry, Sebastian, and White Counties in 1920.

[2] For some counties the reported land in occupied farms evidently omits unimproved land used for farming purposes.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Arkansas	Chicot	Clark[1]	Clay	Conway	Craighead	Crawford[1]
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2] 287	18	6	1	15	5	23	1
	Open ditches:								
2	Completed.....miles.....1940..	6,030.3	150.2	198.7	32.0	400.3	22.5	481.4	2.2
3	1930..	4,974.3	174.3	123.0	28.0	192.0	7.5	392.3	(3)
4	1920..	3,154.1	139.3	42.5	10.2	403.1	8.5	154.6	.....
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	10.8	.....	.....	.....	.....	.....	3.8	.....
7	1930..	0.1	.....	.....	.....	0.1	.....	.....	.....
8	1920..	20.4	.....	.....	.....	0.2	.....	10.2	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	332.4	.....	.....	.....	41.0	.....	5.5	.....
11	1930..	201.9	.....	.....	28.0	42.1	0.1	39.0	.....
12	1920..	121.8	.....	.....	.....	60.7	.....	2.7	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	350	.....	.....	.....	.....	.....	.....	.....
15	1930..	515	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	60,000	.....	.....	.....	.....	.....	.....	.....
18	1930..	156,500	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	3,900	.....	.....	.....	.....	.....	.....	.....
21	1930..	18,261	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	39,450,754	716,437	1,800,972	200,250	2,363,500	99,249	3,101,130	7,090
26	1930..	37,532,575	542,580	1,854,251	290,000	2,106,000	71,000	2,600,500	(3)
27	1920..	14,147,174	378,988	157,656	68,000	1,707,798	63,000	798,800	.....
28	Estimated cost when completed.....dollars.....1940..	39,585,754	716,437	1,800,972	200,250	2,363,500	99,249	3,101,130	7,000
29	1930..	37,828,775	542,580	1,854,251	290,000	2,106,000	76,000	2,600,500	(3)
30	1920..	25,888,599	378,988	168,182	210,000	1,772,998	65,000	1,335,000	.....
31	Average cost per acre when completed.....dollars.....1940..	8.62	6.11	5.26	7.68	8.28	3.92	8.57	7.61
32	1930..	8.17	3.76	5.40	7.54	8.29	2.80	7.67	(3)
33	1920..	7.44	4.13	2.44	8.40	6.37	2.05	5.02	.....
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	23,880,883	716,437	1,800,972	200,250	1,760,500	99,249	2,724,130	7,000
35	Average amount per acre.....dollars..	6.35	6.11	5.26	7.68	6.99	3.92	7.84	7.61
36	Enterprises having open ditches and levees.....dollars..	14,900,671	.....	.....	.....	603,000	.....	142,000	.....
37	Average amount per acre.....dollars..	19.17	.....	.....	.....	17.87	.....	18.82	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	252,200	.....	.....	.....	.....	.....	235,000	.....
43	Average amount per acre.....dollars..	26.60	.....	.....	.....	.....	.....	35.13	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	552,000	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	11.57	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	7,700	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	44,267	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	0.17	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	582,532	.....	(5)	3,170	4,265	.....	9,663	.....
53	Enterprises reporting.....number...	66	.....	1	1	4	.....	12	.....
54	Land in these enterprises.....acres....	1,883,233	.....	(5)	26,071	46,883	.....	231,720	.....
55	Average cost per acre.....dollars..	0.31	.....	(5)	0.12	0.09	.....	0.04	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	30	.....	1	.....	.....	.....	3	.....
57	Land in these enterprises.....acres....	1,050,710	.....	(5)	.....	.....	.....	63,304	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	1,016,145	10,617	29,347	7,543	62,085	1,661	88,767	.....
59	Enterprises reporting.....number...	141	5	6	1	6	3	15	.....
60	Land in these enterprises.....acres....	3,001,483	30,633	342,041	26,071	80,634	9,501	216,525	.....
61	Average amount collected per acre.....dollars..	0.34	0.35	0.08	0.29	0.77	0.17	0.41	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	1,095,181	(5)	157,392	1,186	(5)	(5)	110,889	.....
63	Enterprises reporting.....number...	125	1	6	1	2	1	15	.....
64	Land in these enterprises.....acres....	2,874,670	(5)	342,041	26,071	(5)	(5)	236,421	.....
65	Portion delinquent in these enterprises.....percent..	38.1	(5)	46.0	4.5	(5)	(5)	46.9	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	13,234,878	51,500	554,094	130,000	319,000	21,881	1,090,667	.....
67	Enterprises reporting.....number...	159	5	6	1	8	3	17	.....
68	Land in these enterprises.....acres....	3,366,869	31,914	342,041	26,071	123,300	9,501	289,325	.....
69	Average indebtedness per acre.....dollars..	3.93	1.61	1.62	4.99	2.59	2.30	3.77	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	2,683,688	(5)	(5)	.....	(5)	(5)	(5)	.....
71	Enterprises reporting.....number...	59	1	2	.....	2	1	2	.....
72	Land in these enterprises.....acres....	1,070,941	(5)	(5)	.....	(5)	(5)	(5)	.....
73	Average arrearage per acre.....dollars..	2.47	(5)	(5)	.....	(5)	(5)	(5)	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	12,517,080	(5)	619,296	94,650	268,270	.....	1,087,304	.....
75	Enterprises reporting.....number...	68	1	3	1	5	.....	14	.....
76	Land in these enterprises.....acres....	1,964,400	(5)	155,474	26,071	62,205	.....	239,000	.....
77	Average reduction per acre.....dollars..	6.37	(5)	3.98	3.63	4.31	.....	4.55	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 250.
[3] Included in "Other counties."
[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Crittenden	Cross	Desha	Drew[1]	Greene	Hempstead[1]	Independence	Jackson	Jefferson
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	10	5	5	1	18	2	3	16	18
	Open ditches:									
2	Completed.....miles.....1940..	439.4	116.0	160.5	3.0	268.0	16.0	13.9	233.0	352.5
3	1930..	387.2	91.2	167.0	(2)	183.6	(3)	16.5	217.7	275.0
4	1920..	385.1	26.9	138.0	3.5	151.1	14.9	10.5	75.2	150.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	7.5	.....	39.0	.....	.....	6.1	6.2
11	1930..	.....	.....	.....	.....	16.0	.....	4.5	4.5	4.2
12	1920..	0.8	.....	.....	.....	4.4	5.0	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	200
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	65
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	30,000
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	6,500
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	3,200
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	3,261
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	1,867,670	550,502	2,228,665	6,796	1,861,588	71,000	62,500	870,749	1,544,488
26	1930..	1,714,000	581,000	2,146,600	22,305	1,655,930	(3)	110,000	770,154	1,434,185
27	1920..	1,461,827	118,000	1,463,697	8,500	1,032,418	65,000	32,500	268,000	829,318
28	Estimated cost when completed.....dollars.....1940..	1,867,670	550,502	2,228,666	6,706	1,861,588	71,000	62,500	870,749	1,661,128
29	1930..	1,714,000	581,000	2,146,600	22,305	1,655,930	(3)	110,000	770,154	1,434,186
30	1920..	1,696,827	136,000	2,463,171	8,500	2,871,418	65,000	32,500	300,000	882,318
31	Average cost per acre when completed.....dollars.....1940..	7.21	4.43	6.96	1.95	9.36	7.13	2.93	5.26	8.70
32	1930..	7.24	5.24	6.76	3.71	7.87	(3)	4.45	4.89	7.54
33	1920..	6.48	3.14	7.76	1.33	15.76	6.91	5.89	4.91	5.42
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	1,867,670	550,502	2,093,666	6,706	994,588	71,000	62,500	657,249	1,522,128
35	Average amount per acre.....dollars..	7.21	4.43	6.80	1.95	7.09	7.13	2.93	6.30	8.16
36	Enterprises having open ditches and levees.....dollars..	.....	.....	135,000	.....	867,000	.....	.....	213,500	4,000
37	Average amount per acre.....dollars..	.....	.....	11.06	.....	14.77	.....	.....	3.48	3.92
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	135,000
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	39.36
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	4,522	747	(5)	.....	9,438	.....	.....	5,896	(5)
53	Enterprises reporting.....number...	3	3	1	.....	5	.....	.....	4	1
54	Land in these enterprises.....acres....	152,925	112,214	(5)	.....	89,424	.....	.....	69,547	(5)
55	Average cost per acre.....dollars..	0.03	0.01	(5)	.....	0.10	.....	.....	0.08	(5)
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	1	.....	1	2	.....	1	.....
57	Land in these enterprises.....acres....	.....	.....	(5)	.....	(5)	9,960	.....	(5)	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	49,757	20,158	34,680	463	23,027	.....	.....	21,347	15,358
59	Enterprises reporting.....number...	6	5	4	1	7	.....	.....	10	9
60	Land in these enterprises.....acres....	190,749	124,310	304,297	3,440	62,248	.....	.....	124,367	46,990
61	Average amount collected per acre.....dollars..	0.26	0.16	0.11	0.13	0.37	.....	.....	0.17	0.33
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	4,591	56,510	(5)	2,325	54,676	.....	.....	47,469	19,957
63	Enterprises reporting.....number...	3	5	2	1	9	.....	.....	11	8
64	Land in these enterprises.....acres....	122,653	124,310	(5)	3,440	110,179	.....	.....	134,098	78,550
65	Portion delinquent in these enterprises.....percent..	3.7	45.4	(5)	67.6	49.6	.....	.....	35.4	25.4
66	Total indebtedness, Dec. 31, 1939.....dollars..	259,613	169,034	381,092	1,376	898,890	.....	(5)	219,189	383,006
67	Enterprises reporting.....number...	3	5	4	1	11	.....	1	11	11
68	Land in these enterprises.....acres....	122,653	124,310	304,297	3,440	170,265	.....	(5)	127,220	117,290
69	Average indebtedness per acre.....dollars..	2.12	1.36	1.25	0.40	5.28	.....	(5)	1.72	3.26
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(5)	(5)	(5)	1,376	619,054	.....	.....	(5)	8,563
71	Enterprises reporting.....number...	2	1	2	1	5	.....	.....	2	4
72	Land in these enterprises.....acres....	(5)	(5)	(5)	3,440	121,921	.....	.....	(5)	22,260
73	Average arrearage per acre.....dollars..	(5)	(5)	(5)	0.40	5.08	.....	.....	(5)	0.38
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	214,465	(5)	.....	62,200	.....	.....	240,077	241,000
75	Enterprises reporting.....number...	.....	3	2	.....	5	.....	.....	6	3
76	Land in these enterprises.....acres....	.....	88,166	(5)	.....	46,401	.....	.....	102,385	59,610
77	Average reduction per acre.....dollars..	.....	2.43	(5)	.....	1.34	.....	.....	2.34	4.04

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Ditches tabulated in Ashley and Chicot Counties.
[3] Included in "Other counties."
[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Lafayette	Lawrence	Lee	Lincoln	Logan[1]	Lonoke	Miller	Mississippi	Monroe
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	3	13	9	10	1	19	8	23	3
	Open ditches:									
2	Completed.....miles.....1940..	51.7	209.8	101.4	179.8	3.0	235.1	90.0	1,365.6	57.1
3	1930..	49.0	284.3	107.5	136.5	([2])	260.8	126.0	862.6	32.0
4	1920..	.....	127.1	15.5	88.0	.....	93.8	35.9	575.4	20.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	7.0	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	2.1	17.0	108.0	0.5
11	1930..	.....	.....	.....	.....	.....	0.3	17.0	.....	.....
12	1920..	.....	.....	.....	.....	.....	0.2	.....	48.0	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	150	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	450	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	30,000	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	150,000	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	700	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	15,000	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	293,786	840,783	495,500	670,683	3,300	1,283,647	820,700	8,432,823	167,245
26	1930..	235,000	785,500	476,500	685,200	([2])	1,246,260	800,000	8,280,650	130,000
27	1920..	.....	333,025	94,600	299,000	.....	405,034	116,000	2,090,636	16,900
28	Estimated cost when completed.....dollars.....1940..	293,786	840,783	495,500	689,043	3,300	1,283,647	820,700	8,432,823	167,245
29	1930..	235,000	785,500	476,500	685,200	([2])	1,248,260	812,000	8,555,650	130,000
30	1920..	.....	369,050	118,600	319,000	.....	730,034	116,000	4,940,636	16,900
31	Average cost per acre when completed.....dollars.....1940..	6.98	4.76	4.69	6.84	2.54	5.78	9.40	17.15	1.21
32	1930..	5.73	3.92	4.41	6.84	([2])	5.69	9.14	16.96	0.65
33	1920..	.....	3.14	5.76	3.43	.....	4.24	4.20	10.32	0.51
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	293,786	840,783	495,500	689,043	3,300	808,700	370,700	2,431,342	155,000
35	Average amount per acre.....dollars..	6.98	4.76	4.69	6.84	2.54	5.47	6.66	16.80	1.13
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	474,947	450,000	5,567,281	12,245
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	6.39	14.18	18.56	38.26
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	17,200	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	6.14	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	.....	.....	.....	.....	.....	.....	.....	417,000	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	9.42	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	7,700	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	[4]1	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	44,267	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	0.17	.....
52	By enterprises not operating pumping plants.....dollars..	([5])	982	.....	.....	.....	12,092	5,631	497,928	.....
53	Enterprises reporting.....number...	1	3	.....	.....	.....	12	4	6	.....
54	Land in these enterprises.....acres....	([5])	106,444	.....	.....	.....	197,494	43,763	355,275	.....
55	Average cost per acre.....dollars..	([5])	0.01	.....	.....	.....	0.06	0.13	1.40	.....
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	1	.....	.....	.....	7	.....	9	.....
57	Land in these enterprises.....acres....	.....	([5])	.....	.....	.....	70,174	.....	353,509	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	([5])	([5])	16,568	25,526	.....	50,761	18,106	329,888	([5])
59	Enterprises reporting.....number...	1	2	6	6	.....	12	7	6	1
60	Land in these enterprises.....acres....	([5])	([5])	89,742	75,249	.....	211,734	85,349	384,542	([5])
61	Average amount collected per acre.....dollars..	([5])	([5])	0.18	0.34	.....	0.24	0.21	0.86	([5])
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	([5])	31,180	20,367	15,198	.....	32,671	45,589	12,122	([5])
63	Enterprises reporting.....number...	1	3	5	7	.....	9	6	7	1
64	Land in these enterprises.....acres....	([5])	75,790	72,884	84,829	.....	163,300	75,126	394,822	([5])
65	Portion delinquent in these enterprises.....percent..	([5])	41.1	27.9	17.9	.....	20.0	60.7	3.1	([5])
66	Total indebtedness, Dec. 31, 1939.....dollars..	([5])	220,488	213,147	167,841	.....	421,129	486,537	4,023,201	([5])
67	Enterprises reporting.....number...	1	6	6	7	.....	11	6	7	2
68	Land in these enterprises.....acres....	([5])	134,050	89,742	84,829	.....	169,891	75,126	394,822	([5])
69	Average indebtedness per acre.....dollars..	([5])	1.64	2.38	1.98	.....	2.48	6.48	10.19	([5])
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	86,258	119,072	85,684	.....	15,539	265,877	([5])	([5])
71	Enterprises reporting.....number...	.....	3	5	4	.....	3	4	1	2
72	Land in these enterprises.....acres....	.....	50,500	72,542	48,900	.....	21,346	55,666	([5])	([5])
73	Average arrearage per acre.....dollars..	.....	1.71	1.64	1.75	.....	0.73	4.78	([5])	([5])
74	Reduction of debt by refinancing, prior to 1940.....dollars..	([5])	244,838	.....	.....	.....	378,370	.....	3,379,975	.....
75	Enterprises reporting.....number...	1	3	.....	.....	.....	6	.....	7	.....
76	Land in these enterprises.....acres....	([5])	94,940	.....	.....	.....	141,560	.....	394,822	.....
77	Average reduction per acre.....dollars..	([5])	2.58	.....	.....	.....	2.67	.....	8.56	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Data shown by written permission of enterprise affected.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnotes 1 and 4.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

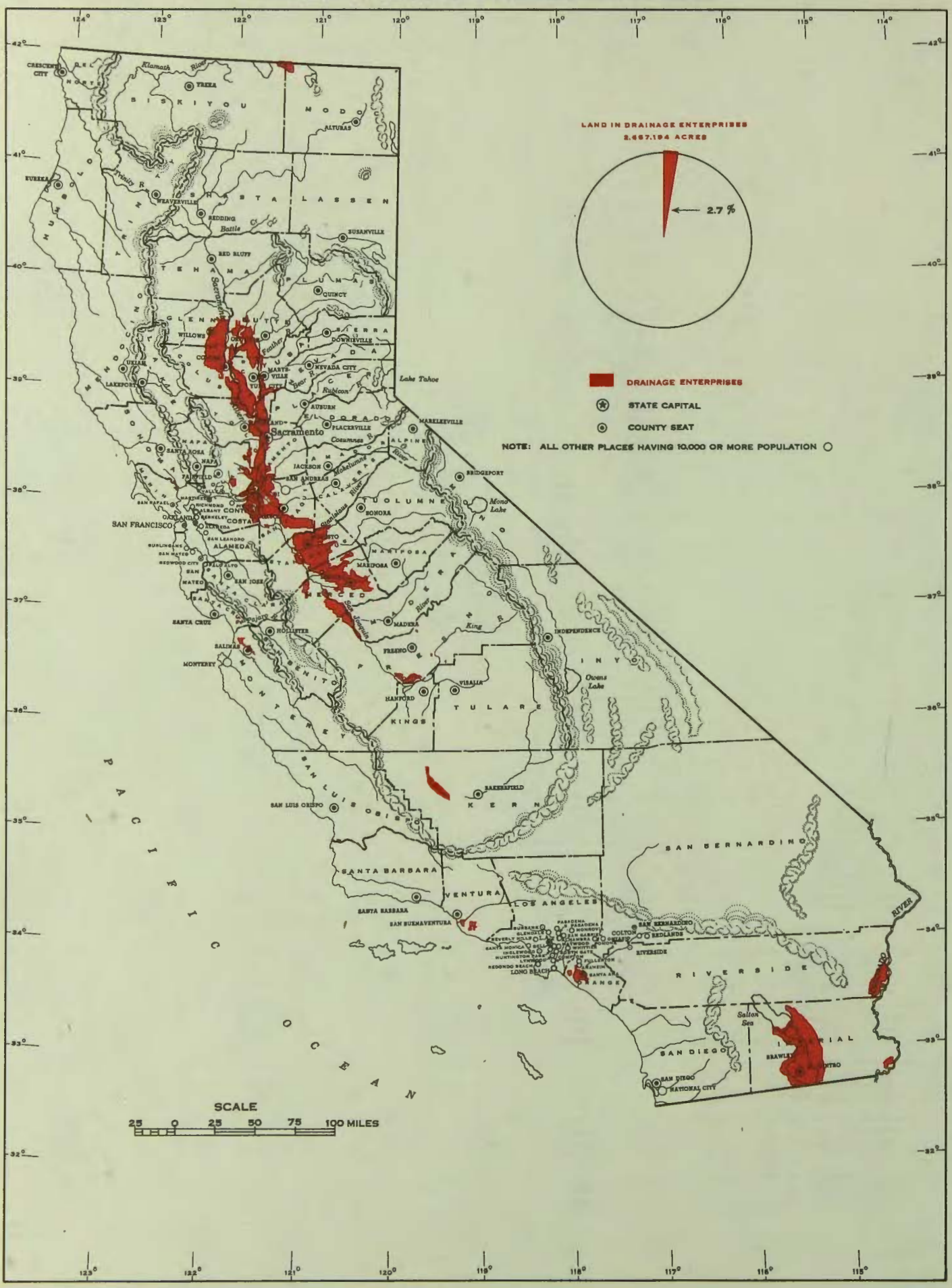
	ITEM (See definitions in Introduction)	Phillips	Poinsett	Pope	Prairie	Pulaski	Randolph	St. Francis	Woodruff	Other counties[1]
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	5	8	4	7	5	5	4	3	10
	Open ditches:									
2	Completed.....miles.....1940..	93.3	432.8	16.5	34.6	30.5	76.0	51.5	32.0	80.0
3	1930..	77.0	445.9	15.5	35.7	32.6	72.5	49.3	28.0	103.8
4	1920..	75.0	176.0	2.2	9.0	12.0	58.2	45.4	15.0	89.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	10.0	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	14.5	68.0	2.0	.....	.....	.....	.....	.....	15.0
11	1930..	.....	38.0	4.0	.....	2.0	.....	.....	.....	2.2
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	748,774	6,905,574	71,850	170,715	274,020	249,212	204,602	96,500	368,633
26	1930..	723,000	6,355,500	67,600	96,890	465,500	265,000	213,520	301,000	506,949
27	1920..	230,000	1,191,125	12,000	24,000	125,000	149,925	206,627	68,000	331,800
28	Estimated cost when completed.....dollars.....1940..	748,774	6,905,574	71,850	170,715	274,020	249,212	204,602	96,500	368,633
29	1930..	723,000	6,355,500	69,600	96,890	465,500	265,000	213,520	301,000	507,149
30	1920..	230,000	5,691,125	28,000	24,000	125,000	149,925	206,627	68,000	369,800
31	Average cost per acre when completed.....dollars.....1940..	6.89	18.35	8.40	6.11	9.30	4.68	6.16	2.57	3.70
32	1930..	7.45	16.92	9.76	2.48	16.85	5.00	7.84	6.77	5.17
33	1920..	1.92	14.42	11.20	3.31	7.81	3.10	6.99	5.16	3.93
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	452,000	936,450	64,050	170,715	274,020	249,212	204,602	96,500	210,633
35	Average amount per acre.....dollars..	4.49	4.19	10.68	6.11	9.30	4.68	6.16	2.57	3.16
36	Enterprises having open ditches and levees.....dollars..	296,774	5,969,124	7,800	.....	.....	.....	.....	.....	158,000
37	Average amount per acre.....dollars..	36.75	39.09	3.05	.....	.....	.....	.....	.....	4.80
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number..	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	16,284	.....	(2)	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	3	.....	2	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	268,436	.....	(2)	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	0.06	.....	(2)	.....	.....	.....	.....	.....
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	1	1	.....	1	1	.....	.....	.....
57	Land in these enterprises.....acres....	.....	(2)	(2)	.....	(2)	(2)	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	3,873	141,957	(2)	(2)	26,232	(2)	(2)	(2)	(2)
59	Enterprises reporting.....number...	3	5	2	1	5	2	1	1	2
60	Land in these enterprises.....acres....	44,407	299,738	(2)	(2)	29,460	(2)	(2)	(2)	(2)
61	Average amount collected per acre.....dollars..	0.09	0.47	(2)	(2)	0.89	(2)	(2)	(2)	(2)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	35,931	133,454	(2)	(2)	5,102	(2)	(2)	(2)	25,000
63	Enterprises reporting.....number...	3	4	2	1	4	2	1	1	3
64	Land in these enterprises.....acres....	44,407	293,516	(2)	(2)	13,848	(2)	(2)	(2)	36,701
65	Portion delinquent in these enterprises.....percent..	80.9	45.5	(2)	(2)	36.8	(2)	(2)	(2)	68.1
66	Total indebtedness, Dec. 31, 1939.....dollars..	357,582	2,137,141	(2)	.....	200,710	56,596	(2)	(2)	244,919
67	Enterprises reporting.....number...	4	6	2	.....	5	3	1	1	4
68	Land in these enterprises.....acres....	52,482	359,838	(2)	.....	29,460	18,580	(2)	(2)	48,221
69	Average indebtedness per acre.....dollars..	6.81	5.94	(2)	.....	6.81	3.05	(2)	(2)	5.08
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	265,849	(2)	(2)	.....	.....	(2)	(2)	.....	225,919
71	Enterprises reporting.....number...	4	2	1	.....	.....	1	1	.....	3
72	Land in these enterprises.....acres....	52,482	(2)	(2)	.....	.....	(2)	(2)	.....	37,329
73	Average arrearage per acre.....dollars..	5.06	(2)	(2)	.....	.....	(2)	(2)	.....	6.05
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	(2)	.....	(2)	(2)	(2)	.....	(2)	(2)
75	Enterprises reporting.....number...	.....	2	.....	1	2	1	.....	1	1
76	Land in these enterprises.....acres....	.....	(2)	.....	(2)	(2)	(2)	.....	(2)	(2)
77	Average reduction per acre.....dollars..	.....	(2)	.....	(2)	(2)	(2)	.....	(2)	(2)

[1] Includes Ashley, Faulkner, Little River, Perry, Sebastian, White, and Yell Counties in 1940; Ashley, Crawford, Faulkner, Hempstead, Little River, Logan, Perry, Sebastian, and White Counties in 1930; and Ashley, Faulkner, Little River, Perry, Sebastian, and White Counties in 1920.

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

CALIFORNIA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	100,353,920	99,617,280	99,617,280	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	2,667,194	2,233,714	1,108,319	433,480	19.4	1,125,395	101.5
Improved.....acres.....	2,400,998	2,007,987	1,038,835	393,011	19.6	969,152	93.3
Unimproved:							
Timber and cut-over.....acres.....	74,433	8,500	12,263	65,933	775.7	-3,763	-30.7
Other.....acres.....	191,763	217,227	57,221	-25,464	-11.7	160,006	279.6
Drainage sufficient for normal crop.....acres.....	2,270,049	2,011,189	(1)	258,860	12.9	.....	.....
Partly drained, for partial crop.....acres.....	261,783	209,906	(1)	51,877	24.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	135,362	12,619	[2] 45,163	122,743	972.7	-32,544	-72.1
In occupied farms.....acres.....	2,551,030	2,024,446	(1)	526,590	26.0	.....	.....
In planted crops.....acres.....	1,965,709	1,794,313	(1)	170,395	9.5	.....	.....
Idle.....acres.....	337,793	360,292	(1)	-22,499	-6.2	.....	.....
Available for settlement.....acres.....	151,003	52,706	(1)	98,302	186.5	.....	.....
Open ditches, completed.....miles.....	6,091.1	4,605.9	3,009.8	1,485.2	32.2	1,596.1	53.0
Tile drains, completed.....miles.....	326.2	486.2	85.6	-160.0	-32.9	400.6	468.0
Drainage pumping plants, capacity.....horsepower....	42,959	41,748	28,526	1,211	2.9	13,222	46.4
gal. per min..	5,727,737	5,548,600	4,699,042	179,187	3.2	849,558	18.1
Capital invested in enterprises.....dollars.....	70,144,044	66,451,698	47,687,153	3,692,346	5.6	18,764,545	39.3
Average per acre.....dollars.....	26.30	29.75	43.03	-3.45	-11.6	-13.28	-30.9

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	Acres	Acres	Acres		Acres	Acres	Acres	Acres
All enterprises.....	2,755,757	2,294,068	1,108,319	2,667,194	5,000 to 9,999 acres.....	232,307	220,410	203,655	230,703
					10,000 to 19,999 acres.....	353,399	707,309	672,191	338,899
Less than 100 acres.....	2	.....	.....	2	20,000 to 49,999 acres.....	571,228			503,626
100 to 199 acres.....	350	.....	341	350					
200 to 499 acres.....	2,257	1,816	1,336	2,257	50,000 to 99,999 acres.....	401,973	285,542	65,000	401,973
500 to 999 acres.....	9,928	10,359	10,059	8,238	100,000 to 199,999 acres.....	458,682	889,956	.....	458,682
1,000 to 1,999 acres.....	40,137	173,776	155,747	40,137	200,000 to 499,999 acres.....	.....		.....	.....
2,000 to 4,999 acres.....	159,994			157,327	500,000 acres and over.....	525,000	.....	.....	525,000

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	2,667,194	100.0	70,144,044	100.0
Drainage districts.....	1,166,321	43.7	58,498,733	83.4
County drains.....	2,380	0.1	75,971	0.1
Irrigation enterprises:				
Federal.....	46,811	1.8	580,672	0.8
Other.....	1,361,697	51.0	6,911,557	9.9
Individually owned projects.....	89,985	3.4	4,077,111	5.8

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises.....	2,667,194	100.0	2,233,714	100.0	1,108,319	100.0	70,144,044	100.0	66,451,698	100.0	47,687,153	100.0
Gravity drainage only by—												
Open ditches.....	465,305	17.4	384,333	17.2			5,977,138	8.5	8,255,950	12.4		
Tile drains.....	9,604	0.4	4,295	0.2	400,989	36.2	274,861	0.4	222,362	0.3	5,060,751	10.6
Open ditches and tile drains...	56,571	2.1	554,247	24.8			1,264,338	1.8	3,758,747	5.7		
All drained by pumping by—												
Open ditches.....	518,145	19.4					34,149,516	48.7				
Tile drains.....	1,604	0.1	844,175	37.8	300,422	27.1	27,897	(2)	49,071,843	73.9	20,303,606	42.6
Open ditches and tile drains...	153,375	5.8					4,772,170	6.8				
Part only by pumping by—												
Open ditches.....	723,832	27.1					18,767,830	26.8				
Tile drains.....	10,348	0.4	446,664	20.0	406,908	36.7	176,279	0.3	5,142,796	7.7	22,322,796	46.8
Open ditches and tile drains...	728,410	27.3					4,734,015	6.7				
Total area served by pumps.....	1,220,062	45.7	1,022,062	45.8	604,446	54.5	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER	Enterprises	CAPACITY		Land served
		Engine or motor	Pump	
	Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises....1940..	135	42,959	100.0	5,727,787	1,220,062
1930..	105	41,748	100.0	5,548,600	1,022,062
1920..	94	28,526	100.0	4,699,042	604,446
Steam.....1940..	.....	.....	.....	.....	.....
1930..	.....	.....	.....	.....	.....
1920..	3	161	0.6	33,000	7,840
Electric.....1940..	127	41,414	96.4	5,454,387	1,181,330
1930..	90	38,970	93.3	5,235,100	977,458
1920..	62	23,547	82.5	3,790,090	490,152
Internal combustion.....1940..	4	355	0.8	53,900	8,451
1930..	5	248	0.6	37,900	17,289
1920..	14	793	2.8	121,852	45,937
Steam and electric.....1940..	.....	.....	.....	.....	.....
1930..	5	1,700	4.1	159,600	17,506
1920..	9	3,135	11.0	564,000	45,200
Electric and internal combustion.....1940..	4	1,190	2.8	219,500	30,281
1930..	5	830	2.0	116,000	9,809
1920..	5	890	3.1	189,500	14,723
Other.....1940..	.....	.....	.....	.....	.....
1930..	.....	.....	.....	.....	.....
1920..	1	.....	.....	.....	594

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP	PUMPS			Engine or motor capacity	Land served
	Number	Capacity			
		G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises...1940..	763	5,727,787	100.0	42,959	1,220,062
1930..	426	5,548,600	100.0	41,748	1,022,062
Centrifugal.....1940..	168	3,035,560	53.0	23,448	456,688
1930..	201	5,184,750	93.4	37,138	868,000
Rotary.....1940..	1	6,000	0.1	15	468
1930..	.....	.....	.....	.....	.....
Screw.....1940..	68	671,000	11.7	3,607	122,947
1930..	10	119,850	2.2	550	35,350
Turbine.....1940..	334	428,605	7.5	6,177	377,760
1930..	156	164,000	2.9	3,095	89,500
Centrifugal and—					
Rotary.....1940..	.....	.....	.....	.....	.....
1930..	3	20,000	0.4	115	500
Screw.....1940..	113	1,488,785	26.0	8,410	176,470
1930..	.....	.....	.....	.....	.....
Turbine.....1940..	79	97,837	1.7	1,302	85,729
1930..	56	60,000	1.1	850	28,112

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	2,667,194	100.0	2,233,714	100.0	70,144,044	100.0	66,451,698	100.0	190,964	191,997
Enterprises in arrears	1,143,855	42.9	248,222	11.1	28,702,170	40.9	11,260,400	16.9	178,118	120,012
With some delinquent land	485,705	18.2	217,076	9.7	22,530,675	32.1	9,321,000	14.0	178,118	120,012
With no delinquent land	35,771	1.4	13,096	0.6	1,970,124	2.8	1,289,400	1.9	.....	.....
With no report on delinquency	622,379	23.3	18,050	0.8	4,201,371	6.0	650,000	1.0	.....	.....
Enterprises not in arrears	1,517,092	56.9	1,985,492	88.9	41,003,182	58.5	55,191,298	83.1	12,846	71,985
With some delinquent land	281,596	10.6	433,220	19.4	10,314,146	14.7	17,386,405	26.2	12,846	71,985
With no delinquent land	1,213,438	45.5	1,407,416	63.0	29,176,211	41.6	36,751,064	55.3	.....	.....
With no report on delinquency	22,058	0.8	144,856	6.5	1,512,825	2.2	1,053,829	1.6	.....	.....
Enterprises not reporting on arrearage	6,247	0.2	.....	.....	438,692	0.6	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	6,247	0.2	.....	.....	438,692	0.6	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	2,667,194	70,144,044	17,123,185	2,968,596	2,358,476	190,964	1,825,692
Enterprises in debt	[2] 1,879,201	52,567,955	17,123,185	2,968,596	2,358,476	186,393	1,639,196
In arrears, amount of arrearage stated	[2] 1,126,855	26,940,170	12,004,498	2,968,596	1,729,248	177,698	614,053
Collecting drainage taxes in 1939	748,819	19,714,156	9,581,316	2,035,737	1,114,248	106,292	614,053
No collections reported	378,036	7,226,014	2,423,182	932,859	615,000	71,406	.....
In arrears, amount not stated	17,000	1,762,000	46,033	.....	.....	420	39,000
Collecting drainage taxes in 1939	17,000	1,762,000	46,033	.....	.....	420	39,000
No collections reported	.....	.....	.....	.....	.....	.....	.....
Not in arrears	735,346	23,865,785	5,072,654	.....	629,228	8,275	986,143
Collecting drainage taxes in 1939	512,077	18,254,177	3,818,808	.....	511,394	8,275	986,143
No collections reported	223,269	5,611,608	1,253,846	.....	117,834	.....	.....
Enterprises not in debt	770,363	16,484,697	.....	.....	.....	4,571	186,496
Collecting drainage taxes in 1939	157,277	6,211,307	.....	.....	.....	3,134	186,496
No collections reported	613,086	10,273,390	.....	.....	.....	1,437	.....
Enterprises not reporting as to debt	17,630	1,091,392	.....	.....	.....	.....	.....
No collections reported	17,630	1,091,392	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 2,579 acres for which amount of indebtedness was not reported.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	2,667,194	100.0	70,144,044	100.0
Improvement of land already in farms	698,443	26.2	16,190,963	23.1
Reclamation of swamp land not previously in farms	395,133	14.8	22,399,771	31.9
Protection against overflow	320,821	12.0	19,907,642	28.4
Removal of alkali or seepage from irrigation	1,252,797	47.0	11,645,668	16.6

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	2,667,194	100.0	2,755,757	88,563	70,144,044	100.0
Before 1870	17,000	0.6	32,000	15,000	2,762,000	3.9
1870-1879	27,795	1.0	82,472	54,677	7,465,493	10.6
1880-1889	40,919	1.5	42,523	1,604	2,652,890	3.8
1890-1899	73,687	2.8	73,687	.....	5,865,450	8.4
1900-1904	26,991	1.0	26,991	.....	997,685	1.4
1905-1909	351,527	13.2	352,227	700	5,084,862	7.3
1910-1914	878,674	33.0	888,339	9,665	22,749,469	32.4
1915-1919	557,340	20.9	557,340	.....	11,954,895	17.0
1920-1924	503,693	18.9	506,360	2,667	8,744,923	12.5
1925-1929	146,845	5.5	151,095	4,250	1,089,368	1.6
1930-1934	9,622	0.4	9,622	.....	123,734	0.2
1935-1939	33,101	1.2	33,101	.....	653,275	0.9

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

[2]The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	2,667,194	2,270,049	85.1	261,783	135,362	2,400,998	90.0	74,433	191,763	2,551,036	95.6	1,965,708	337,793	151,008
Before 1870	17,000	17,000	100.0	.....	.....	17,000	100.0	.....	.....	15,916	93.6	14,445	720	.....
1870-1879	27,795	27,695	99.6	100	.....	27,290	98.2	53	452	27,217	97.9	25,355	.....	1,486
1880-1889	40,919	40,468	98.9	201	250	40,428	98.8	40	451	35,431	86.6	28,284	1,573	6,108
1890-1899	73,687	73,687	100.0	.....	.....	73,687	100.0	.....	.....	72,625	98.6	67,755	434	.....
1900-1904	26,991	26,569	98.4	27	395	26,569	98.4	.....	422	26,451	98.0	24,038	622	.....
1905-1909	351,527	348,187	99.0	1,450	1,890	325,054	92.5	7,774	18,699	333,591	94.9	257,253	16,978	24,474
1910-1914	878,674	547,139	62.3	220,095	111,440	765,305	87.1	1,514	111,855	853,366	97.1	672,386	82,973	38,173
1915-1919	557,340	539,002	96.7	12,215	6,123	518,671	93.1	236	38,433	511,829	91.8	426,256	77,813	42,888
1920-1924	503,693	467,335	92.8	25,058	11,300	425,522	84.5	64,626	13,545	489,569	97.2	284,282	150,662	36,190
1925-1929	146,845	146,550	99.8	.....	295	143,555	97.8	190	3,100	145,955	99.4	133,726	2,510	1,689
1930-1934	9,622	8,620	89.6	1,002	.....	8,620	89.6	.....	1,002	9,563	99.4	8,155	.....	.....
1935-1939	33,101	27,797	84.0	1,635	3,669	29,297	88.5	.....	3,804	29,513	89.2	23,763	3,508	.....

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	2,667,194	2,631,767	2,429,659	202,108	1,111,939	0.42	0.46
Gravity drainage only	531,480	531,480	504,359	27,121	144,941	0.27	0.29
Open ditches only	206,202	205,202	205,569	633	72,152	0.35	0.35
Open ditches and levees	259,103	259,103	234,304	24,799	52,386	0.20	0.22
Tile drains only	7,377	7,377	7,375	2	2,705	0.37	0.37
Tile drains and levees	2,227	2,227	2,227	.....	317	0.14	0.14
Open ditches and tile drains	32,526	32,526	32,526	.....	12,241	0.38	0.38
Open ditches, tile drains, and levees	24,045	24,045	22,358	1,687	5,140	0.21	0.23
Pumping for all or part of drainage	2,135,714	2,100,287	1,925,300	174,987	966,998	0.46	0.50
All drainage by pumping	673,124	656,963	543,869	113,094	577,478	0.88	1.06
Part pumping and part gravity	1,462,590	1,443,324	1,381,431	61,893	389,520	0.27	0.28

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STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	2,667,194	100.0	70,144,044	100.0
Method:				
By district forces	1,898,442	71.2	40,210,224	57.3
By contract	447,249	16.7	20,111,591	28.7
Work apportioned to landowners	292,693	11.0	8,681,349	12.4
"None," or not reporting	28,810	1.1	1,140,880	1.6
Whether systematic:				
Reporting "yes"	2,411,101	90.4	67,297,960	95.9
Reporting "no"	256,093	9.6	2,846,084	4.1

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	2,667,194	1,635,812	61.3
Capital invested.....dollars	70,144,044	37,268,717	53.1
Drainage works:			
Open ditches.....miles	6,091.1	3,762.2	61.8
Tile drains.....miles	326.2	178.9	54.8
Levees.....miles	1,537.6	567.5	36.9

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	236,666	13,426,797	702.7	79.1	199.2
Work Projects Administration	150,801	10,264,847	618.9	77.9	163.7
Corps of Engineers, U.S.A.	77,865	1,659,700	53.5	.....	18.5
Other kind or combination	8,000	1,502,250	30.3	1.2	17.0

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	2,667,194	[1] 502,039	18.8
Capital invested.....dollars	70,144,044	18,673,359	26.6
Drainage works:			
Open ditches.....miles	6,091.1	1,114.7	18.3
Tile drains.....miles	326.2	86.3	26.4
Levees.....miles	1,537.6	210.9	13.7

[1] The land actually dependent upon outside agencies for protection is 291,441 acres, which is 58.0 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Butte	Colusa	Contra Costa	Fresno	Glenn	Imperial	Kern[1]	Kings
	LAND AREA									
1	Approximate land area.....acres....1940..	100,353,920	1,065,600	737,920	469,760	3,830,400	842,880	2,741,760	5,228,800	892,800
2	Drainage enterprises.....number...1940..	[2] 184	9	6	15	7	3	3	1	3
3	Land in enterprises.....acres....1940..	2,667,194	105,880	193,715	72,549	67,343	110,120	543,800	46,016	5,237
4	1930..	2,233,714	94,250	190,630	40,545	36,822	124,880	530,000	43,000	(3)
5	1920..	1,108,319	29,175	60,200	40,236	16,979	.....	8,000	(3)	(3)
6	Area of all enterprises, overlapping included.....acres....1940..	2,755,757	106,580	225,634	72,549	67,343	110,120	543,800	46,016	5,237
7	Amount of overlapping.....acres....1940..	88,563	700	31,919	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	2,270,049	104,853	185,715	68,355	67,234	107,837	217,850	46,016	5,235
9	1930..	2,011,189	93,250	170,630	39,676	35,985	104,880	415,000	43,000	(3)
10	Increase or decrease (-), 1930-1940.....acres.....	258,860	11,603	15,085	28,679	31,246	2,957	-197,150	3,016	5,235
11	percent.....	12.9	12.4	8.8	72.3	86.8	2.8	-47.5	7.0	.....
12	Land undrained, unfit for any crop.....acres....1940..	135,362	1,027	8,000	4,020	59	2,283	105,000	.....	2
13	1930..	12,619	1,000	.....	569	.....	.....	.....	.....	(3)
14	Increase or decrease (-), 1930-1940.....acres.....	122,743	27	8,000	3,451	59	2,283	105,000	.....	2
15	percent.....	972.7	2.7	.....	606.5	.....	.....	.....	.....	.....
16	Land partly drained, for partial crop.....acres....1940..	261,783	.....	.....	174	50	.....	220,950	.....	.....
17	1930..	209,906	.....	20,000	300	834	20,000	115,000	.....	(3)
18	Increase or decrease (-), 1930-1940.....acres.....	51,877	.....	-20,000	-126	-784	-20,000	105,950	.....	.....
19	percent.....	24.7	.....	-100.0	-42.0	-94.0	-100.0	92.1	.....	.....
20	Improved land.....acres....1940..	2,400,998	102,490	185,030	67,299	63,518	107,837	429,956	46,016	4,227
21	1930..	2,007,987	91,250	190,480	38,920	36,322	124,880	414,200	17,000	(3)
22	1920..	1,038,835	29,175	60,200	40,036	15,994	.....	8,000	(3)	(3)
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	74,433	42	333	96	.....	.....	2,560	.....	.....
24	1930..	8,500	.....	150	350	500	.....	.....	.....	(3)
25	1920..	12,263	.....	.....	.....	.....	.....	.....	(3)	(3)
26	Other unimproved land.....acres....1940..	191,763	3,348	8,352	5,154	3,825	2,283	111,284	.....	1,010
27	1930..	217,227	3,000	.....	1,275	.....	.....	115,800	26,000	(3)
28	1920..	57,221	.....	.....	200	985	.....	.....	(3)	(3)
29	Land in occupied farms.....acres....1940..	2,551,036	105,300	185,299	67,557	67,063	107,837	527,516	46,016	5,235
30	1930..	2,024,446	91,250	185,630	38,976	36,822	119,880	431,096	17,000	(3)
31	Increase or decrease (-), 1930-1940.....acres.....	526,590	14,050	-331	28,581	30,241	-12,043	96,420	29,016	5,235
32	percent.....	26.0	15.4	-0.2	73.3	82.1	-10.0	22.4	170.7	.....
33	Land in planted crops.....acres....1940..	1,965,708	83,890	101,449	62,658	63,203	71,636	428,029	32,925	3,927
34	1930..	1,794,813	63,620	135,096	35,286	34,796	77,784	410,900	17,000	(3)
35	Increase or decrease (-), 1930-1940.....acres.....	170,895	17,270	-33,647	27,372	28,407	-6,148	17,129	15,925	3,927
36	percent.....	9.5	25.9	-24.9	77.6	81.6	-7.9	4.2	93.7	.....
37	Land idle.....acres....1940..	337,793	19,990	82,150	6,251	2,640	36,175	55,426	12,741	810
38	1930..	360,292	21,530	50,384	3,200	.....	42,096	119,100	26,000	(3)
39	Increase or decrease (-), 1930-1940.....acres.....	-22,499	-1,540	31,766	3,051	2,640	-5,921	-63,674	-13,259	810
40	percent.....	-6.2	-7.2	63.0	95.3	.....	-14.1	-53.5	-51.0	.....
41	Land available for settlement.....acres....1940..	151,008	.....	26,246	13,357	1,450	422	1,280	.....	.....
42	1930..	52,706	.....	2,000	550	.....	.....	.....	26,000	(3)
43	Increase or decrease (-), 1930-1940.....acres.....	98,302	.....	24,246	12,807	1,450	422	1,280	-26,000	.....
44	percent.....	186.5	.....	(4)	(4)	.....	.....	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	206,202	90,880	.....	.....	37,265	.....	.....	46,016	.....
46	Length of these ditches.....miles.....	324.1	309.5	.....	.....	50.3	.....	.....	115.0	.....
47	Part protected by levees of an outside agency.....acres.....	46,016	.....	.....	.....	.....	.....	.....	46,016	.....
48	Land drained by open ditches and own levees.....acres.....	259,103	5,500	49,815	3,979	1,100	13,935	3,800	.....	.....
49	Length of these ditches.....miles.....	332.2	35.0	38.1	28.0	9.5	4.8	3.0	.....	.....
50	Length of these levees.....miles.....	152.9	1.0	10.1	18.0	19.0	17.0	9.5	.....	.....
51	Part protected by levees of an outside agency.....acres.....	65,989	.....	29,751	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	7,377	.....	.....	.....	175	.....	.....	.....	2
53	Length of these tile.....miles.....	34.6	.....	.....	.....	1.0	.....	.....	.....	0.1
54	Part protected by levees of an outside agency.....acres.....	7,200	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	2,227	.....	.....	.....	.....	.....	.....	.....	2,227
56	Length of these tile.....miles.....	3.0	.....	.....	.....	.....	.....	.....	.....	3.0
57	Length of these levees.....miles.....	5.0	.....	.....	.....	.....	.....	.....	.....	5.0
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	32,526	9,500	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	100.6	48.3	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	65.9	1.2	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	1,500	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	24,045	.....	.....	.....	17,350	.....	.....	.....	3,008
64	Length of these open ditches.....miles.....	67.2	.....	.....	.....	37.9	.....	.....	.....	19.0
65	Length of these tile.....miles.....	10.7	.....	.....	.....	3.2	.....	.....	.....	0.3
66	Length of these levees.....miles.....	34.8	.....	.....	.....	13.8	.....	.....	.....	7.0
67	Part protected by levees of an outside agency.....acres.....	2,000	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5].....acres.....	2,135,714	.....	143,900	68,570	11,453	96,185	540,000	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	4,967.0	.....	219.0	288.5	0.2	58.0	1,213.5	.....	.....
70	Length of tile owned by these enterprises.....miles.....	212.0	.....	5.0	.....	10.0	.....	9.0	.....	.....
71	Length of levees owned by these enterprises.....miles.....	1,344.9	.....	34.0	117.1	13.0	20.0	44.0	.....	.....
72	Part protected by levees of an outside agency.....acres.....	168,736	.....	5,204	6,700	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 159.
[3] Included in "Other counties."
[4] Percent not shown when more than 1,000.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

CENSUS OF DRAINAGE — CALIFORNIA

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Merced	Modoc	Monterey[1]	Napa[1]	Orange	Placer[1]	River-side[1]	Sacra-mento	San Joaquin
	LAND AREA									
1	Approximate land area....acres....1940..	1,269,120	2,620,160	2,127,360	505,600	500,480	915,840	4,594,560	630,400	902,400
2	Drainage enterprises....number...1940..	6	3	2	1	7	1	1	22	33
3	Land in enterprises....acres....1940..	310,172	19,244	7,115	1,250	39,265	1,624	91,200	120,377	222,727
4	1930..	44,700	18,792	4,700	(3)	41,950	(3)	80,132	125,187	202,144
5	1920..	24,247	(3)	4,700	(3)	35,600	(3)	50,600	104,779	164,410
6	Area of all enterprises, overlapping included....acres....1940..	314,422	19,244	7,115	1,250	39,265	1,624	91,200	120,377	238,717
7	Amount of overlapping....acres....1940..	4,250	.....	.....	.....	.....	.....	.....	.....	15,990
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	296,792	18,641	6,850	1,250	38,870	1,624	68,400	120,350	217,811
9	1930..	40,134	1,810	4,000	(3)	41,450	(3)	77,196	120,632	198,193
10	Increase or decrease (-), 1930-1940....acres.....	256,658	16,831	2,850	1,250	-2,580	1,624	-8,796	-282	19,618
11	percent.....	639.5	929.9	71.2	.....	-6.2	.....	-11.4	-0.2	9.9
12	Land undrained, unfit for any crop....acres....1940..	1,171	468	.....	.....	395	.....	.....	.....	2,809
13	1930..	100	100	200	(3)	.....	(3)	2,936	265	1,700
14	Increase or decrease (-), 1930-1940....acres.....	1,071	368	-200	.....	395	.....	-2,936	-265	1,109
15	percent.....	(4)	368.0	-100.0	.....	.....	.....	-100.0	-100.0	65.2
16	Land partly drained, for partial crop....acres....1940..	12,209	135	265	.....	.....	.....	22,800	27	2,107
17	1930..	4,466	16,882	500	(3)	500	(3)	.....	4,290	2,251
18	Increase or decrease (-), 1930-1940....acres.....	7,743	-16,747	-235	.....	-500	.....	22,800	-4,263	-144
19	percent.....	173.4	-99.2	-47.0	.....	-100.0	.....	.....	-99.4	-6.4
20	Improved land....acres....1940..	302,672	11,603	6,850	1,250	37,802	1,624	29,760	120,350	212,773
21	1930..	44,600	2,110	4,500	(3)	39,950	(3)	77,195	120,562	196,443
22	1920..	24,207	(3)	4,700	(3)	35,000	(3)	42,000	104,591	164,350
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	.....	.....	.....	.....	288	.....	61,440	.....	3,888
24	1930..	.....	.....	.....	(3)	.....	(3)	.....	100	50
25	1920..	.....	(3)	.....	(3)	.....	(3)	.....	80	.....
26	Other unimproved land....acres....1940..	7,500	7,641	265	.....	1,175	.....	.....	27	6,066
27	1930..	100	16,682	200	(3)	2,000	(3)	2,936	4,525	5,651
28	1920..	40	(3)	.....	(3)	600	(3)	8,600	108	60
29	Land in occupied farms....acres....1940..	296,766	11,938	7,115	1,250	37,832	1,624	89,400	118,480	215,543
30	1930..	44,700	1,934	4,500	(3)	39,850	(3)	77,196	121,362	196,993
31	Increase or decrease (-), 1930-1940....acres.....	252,066	10,004	2,615	1,250	-2,018	1,624	12,204	-2,882	18,550
32	percent.....	563.9	517.3	58.1	.....	-5.1	.....	15.8	-2.4	9.4
33	Land in planted crops....acres....1940..	168,500	10,586	6,850	1,250	35,921	1,594	29,760	104,609	202,723
34	1930..	37,500	1,734	4,000	(3)	38,000	(3)	68,877	119,732	184,642
35	Increase or decrease (-), 1930-1940....acres.....	131,000	8,852	2,850	1,250	-2,079	1,594	-39,117	-15,123	18,081
36	percent.....	349.3	510.5	71.2	.....	-5.5	.....	-56.8	-12.6	9.8
37	Land idle....acres....1940..	36,575	.....	.....	.....	1,930	30	30,720	1,631	1,607
38	1930..	4,700	16,781	500	(3)	2,300	(3)	11,255	865	9,207
39	Increase or decrease (-), 1930-1940....acres.....	31,875	-16,781	-500	.....	-370	30	19,465	766	-7,600
40	percent.....	678.2	-100.0	-100.0	.....	-16.1	.....	172.9	88.6	-82.5
41	Land available for settlement....acres....1940..	3,000	7,306	.....	.....	.....	.....	30,720	.....	7,489
42	1930..	.....	.....	.....	(3)	.....	(3)	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres.....	3,000	7,306	.....	.....	.....	.....	30,720	.....	7,489
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres.....	.....	938	2,415	.....	.....	.....	.....	.....	.....
46	Length of these ditches....miles.....	.....	5.3	10.0	.....	.....	.....	.....	.....	.....
47	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres.....	43,035	.....	.....	1,250	.....	.....	91,200	4,000	.....
49	Length of these ditches....miles.....	91.6	.....	.....	15.0	.....	.....	72.0	6.5	.....
50	Length of these levees....miles.....	7.8	.....	.....	3.5	.....	.....	25.0	5.0	.....
51	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres.....	.....	.....	.....	.....	7,200	.....	.....	.....	.....
53	Length of these tile....miles.....	.....	.....	.....	.....	33.5	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	7,200	.....	.....	.....	.....
55	Land drained by tile and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres.....	.....	.....	.....	.....	15,970	.....	.....	.....	.....
60	Length of these open ditches....miles.....	.....	.....	.....	.....	38.2	.....	.....	.....	.....
61	Length of these tile....miles.....	.....	.....	.....	.....	43.3	.....	.....	.....	.....
62	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	1,500	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres.....	.....	535	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles.....	.....	3.0	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles.....	.....	3.0	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles.....	.....	3.0	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]....acres.....	267,137	17,771	4,700	.....	16,095	1,624	.....	116,377	222,727
69	Length of open ditches owned by these enterprises..miles.....	128.1	111.0	35.5	.....	2.3	2.7	.....	251.6	1,041.1
70	Length of tile owned by these enterprises....miles.....	9.2	.....	0.5	.....	58.5	.....	.....	.....	0.5
71	Length of levees owned by these enterprises....miles.....	0.9	5.0	.....	.....	.....	2.7	.....	223.4	353.0
72	Part protected by levees of an outside agency....acres.....	640	17,771	.....	.....	10,095	.....	.....	12,861	8,334

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.

[2] Includes Humboldt, Lake, Los Angeles, Marin, Santa Cruz, and Tulare Counties in 1940; Humboldt, Kings, Lake, Los Angeles, Marin, Napa, Placer, San Bernardino, Santa Barbara, Santa Clara, Shasta, Sonoma, and Tulare Counties in 1930; and Humboldt, Kern, Kings, Lake, Los Angeles, Marin, Modoc, Napa, Placer, San Bernardino, Santa Barbara, Santa Clara, Shasta, and Sierra Counties in 1920.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Santa Barbara[1]	Santa Clara[1]	Siskiyou[1]	Solano	Sonoma[1]	Stanislaus	Sutter	Ventura	Yolo	Yuba	Other counties[2]	
1,756,800	835,200	4,040,320	529,280	1,010,560	963,840	388,480	1,188,480	661,760	408,320	9,411,200	1
1	1	1	8	1	4	11	3	18	3	10	2
2,000	1,126	13,102	55,081	3,462	259,134	177,672	19,763	135,116	32,898	10,206	3
(3)	(3)	13,000	42,895	(3)	219,856	161,954	11,800	126,213	38,336	41,926	4
(3)	(3)	.....	43,745	4,000	65,000	180,283	.....	153,755	32,750	89,860	5
2,000	1,126	13,102	57,748	3,462	259,134	177,672	19,763	168,153	32,898	10,206	6
.....	.....	.....	2,667	.....	.....	.....	.....	33,037	.....	.....	7
2,000	1,126	13,102	54,856	2,562	259,034	168,203	19,505	133,796	32,898	9,284	8
(3)	(3)	10,703	42,775	(3)	218,256	152,071	11,800	120,276	38,338	31,131	9
2,000	1,126	2,399	12,081	2,562	40,778	16,132	7,705	13,520	-5,440	-21,847	10
.....	.....	22.4	28.2	.....	15.7	10.6	65.3	11.2	-14.2	-70.2	11
.....	.....	.....	125	.....	100	9,469	258	11	.....	165	12
(3)	(3)	.....	.....	(3)	400	353	.....	61	.....	4,935	13
.....	.....	.....	125	.....	-300	9,116	-258	-50	.....	-4,770	14
.....	.....	.....	.....	.....	-75.0	(4)	-100.0	-82.0	.....	-96.6	15
.....	.....	.....	100	900	.....	.....	.....	1,309	.....	757	16
(3)	(3)	-2,297	120	(3)	1,200	9,530	.....	5,876	.....	5,860	17
.....	.....	-2,297	-20	900	-1,200	-9,530	.....	-4,567	.....	-5,103	18
.....	.....	-100.0	-16.7	.....	-100.0	-100.0	.....	-77.7	.....	-87.1	19
2,000	1,126	12,997	55,081	3,462	229,939	174,205	19,505	133,360	28,982	9,284	20
(3)	(3)	10,703	42,075	(3)	203,000	152,525	11,800	122,402	33,338	33,731	21
(3)	(3)	.....	43,490	4,000	64,000	173,561	.....	136,630	25,375	63,526	22
.....	.....	.....	.....	.....	.....	758	.....	1,112	3,916	.....	23
(3)	(3)	.....	.....	(3)	.....	1,550	.....	800	5,000	.....	24
(3)	(3)	.....	.....	.....	.....	3,999	.....	1,000	7,000	184	25
.....	.....	105	.....	.....	29,195	2,709	258	644	.....	922	26
(3)	(3)	2,297	820	(3)	16,856	7,879	.....	3,011	.....	8,195	27
(3)	(3)	.....	255	.....	1,000	2,723	.....	16,125	375	26,150	28
2,000	1,126	12,997	50,801	3,462	235,634	163,900	19,525	130,632	28,982	10,206	29
(3)	(3)	9,100	42,075	(3)	203,000	153,275	11,800	122,818	33,338	41,851	30
2,000	1,126	3,897	8,726	3,462	32,634	10,625	7,725	7,814	-4,356	-31,645	31
.....	.....	42.8	20.7	.....	16.1	6.9	65.5	6.4	-13.1	-75.6	32
2,000	1,126	11,821	40,747	3,462	188,608	138,800	19,485	114,519	27,415	8,215	33
(3)	(3)	8,621	33,455	(3)	203,000	149,415	10,700	104,328	31,338	21,989	34
2,000	1,126	3,200	7,292	3,462	-14,392	-10,615	8,785	10,191	-3,923	-13,774	35
.....	.....	37.1	21.8	.....	-7.1	-7.1	82.1	9.8	-12.5	-62.6	36
.....	.....	.....	240	.....	29,495	14,782	120	510	3,916	54	37
(3)	(3)	2,300	.....	(3)	16,856	7,709	.....	16,794	5,000	3,715	38
.....	.....	-2,300	240	.....	12,639	7,073	120	-16,284	-1,084	-3,661	39
.....	.....	-100.0	.....	.....	75.0	91.7	.....	-97.0	-21.7	-98.5	40
.....	.....	105	.....	.....	11,000	18,133	.....	30,500	.....	.....	41
(3)	(3)	2,300	.....	(3)	16,856	.....	.....	.....	5,000	.....	42
.....	.....	-2,195	.....	.....	-5,856	18,133	.....	30,500	-5,000	.....	43
.....	.....	-95.4	.....	.....	-34.7	.....	.....	.....	-100.0	.....	44
.....	.....	.....	.....	3,462	.....	25,226	.....	.....	.....	.....	45
.....	.....	.....	.....	40.0	.....	94.0	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	1,126	.....	.....	.....	.....	577	.....	36,388	2,318	1,080	48
.....	4.0	.....	.....	.....	.....	4.5	.....	14.2	3.0	3.0	49
.....	6.3	.....	.....	.....	.....	2.5	.....	20.9	4.3	3.0	50
.....	.....	.....	.....	.....	.....	.....	.....	36,238	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	6,553	.....	.....	503	59
.....	.....	.....	.....	.....	.....	.....	11.0	.....	.....	3.1	60
.....	.....	.....	.....	.....	.....	.....	20.0	.....	.....	1.4	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
2,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,152	63
4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.3	64
4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.2	65
4.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.0	66
2,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	13,102	55,081	.....	259,134	151,869	13,210	98,728	30,580	7,471	68
.....	.....	72.0	234.2	.....	58.2	633.2	35.0	458.7	63.0	61.2	69
.....	.....	.....	.....	.....	28.0	.....	82.0	3.5	.....	5.8	70
.....	.....	12.8	101.0	.....	.....	166.1	.....	172.9	57.0	22.0	71
.....	.....	13,102	.....	.....	640	79,146	.....	14,243	.....	.....	72

[3] Included in "Other counties."
[4] Percent not shown when more than 1,000.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)			THE STATE	Butte	Colusa	Contra Costa	Fresno	Glenn	Imperial	Kern[1]
	DRAINAGE WORKS										
1	Drainage enterprises	number	1940	[2] 184	9	6	15	7	3	3	1
	Open ditches:										
2	Completed	miles	1940	6,091.1	392.8	257.1	316.5	97.9	62.8	1,216.5	115.0
3			1930	4,605.9	308.8	208.4	352.0	32.7	55.5	248.3	50.0
4			1920	3,009.8	115.0	27.8	253.9	33.0	.....	11.7	(3)
5	Additional length authorized	miles	1940	20.8	.....	.....	.....	.....	.....	20.0	.....
	Tile drains:										
6	Completed	miles	1940	326.2	1.2	5.0	.....	14.2	.....	9.0	.....
7			1930	486.2	1.0	.....	.....	1.5	.....	6.5	.....
8			1920	85.6	0.4	.....	.....	3.7	.....	4.0	(3)
9	Additional length authorized	miles	1940	55.3	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles	1940	1,537.6	1.0	44.1	135.1	45.8	37.0	53.5	.....
11			1930	1,389.5	9.5	38.5	123.1	37.0	17.5	28.5	26.0
12			1920	1,131.1	2.5	22.3	125.0	12.0	.....	17.0	(3)
13	Additional length authorized	miles	1940	0.1	.....	.....	0.1	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower	1940	42,959	.....	125	1,789	50	(4)	197	.....
15			1930	41,748	.....	2,000	1,735	25	(5)	130	.....
16			1920	28,526	.....	60	1,800	(5)	.....	120	(3)
17	Pump capacity	gal. per min.	1940	5,727,787	.....	11,500	297,180	4,800	(4)	31,380	.....
18			1930	5,548,600	.....	360,000	330,500	3,700	(5)	25,200	.....
19			1920	4,699,042	.....	10,000	391,000	(5)	.....	17,952	(3)
20	Land served by pumps	acres	1940	1,220,062	.....	59,900	45,121	2,280	5,000	4,500	.....
21			1930	1,022,062	.....	152,710	39,576	1,700	110,000	15,000	.....
22			1920	604,446	.....	23,000	39,286	594	.....	8,000	(3)
23	Wells pumped for drainage	number	1940	373	.....	.....	26	4	.....	.....	.....
24			1930	218	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars	1940	70,144,044	2,254,225	6,161,608	3,376,681	339,202	1,324,908	3,257,658	264,405
26			1930	66,451,698	1,950,000	5,779,788	3,529,883	325,710	1,326,700	2,687,500	745,000
27			1920	47,687,153	355,000	1,927,000	3,486,272	254,000	.....	146,000	(3)
28	Estimated cost when completed	dollars	1940	70,780,023	2,254,225	6,161,608	3,385,681	339,202	1,324,908	3,357,658	264,405
29			1930	67,251,098	1,950,000	5,790,288	3,529,883	330,397	1,326,700	2,687,500	745,000
30			1920	54,021,627	355,000	2,077,000	3,528,272	254,000	.....	146,000	(3)
31	Average cost per acre when completed	dollars	1940	26.54	21.29	31.81	46.67	5.04	12.03	6.17	5.74
32			1930	30.11	20.69	30.37	87.06	8.97	10.62	5.07	17.33
33			1920	48.74	12.17	34.50	87.69	14.96	.....	18.25	(3)
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars		2,859,729	1,939,975	.....	.....	60,933	.....	.....	264,405
35	Average amount per acre	dollars		13.87	21.35	.....	.....	1.64	.....	.....	5.74
36	Enterprises having open ditches and levees	dollars		3,511,518	137,000	926,400	208,300	50,000	28,000	26,527	.....
37	Average amount per acre	dollars		13.55	24.91	18.60	52.35	45.45	2.01	6.98	.....
38	Enterprises having tile only	dollars		240,140	.....	.....	.....	890	.....	.....	.....
39	Average amount per acre	dollars		32.55	.....	.....	.....	5.08	.....	.....	.....
40	Enterprises having tile and levees	dollars		37,721	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		16.94	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		597,876	177,250	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		18.38	18.66	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		276,353	.....	.....	.....	46,000	.....	.....	.....
45	Average amount per acre	dollars		11.49	.....	.....	.....	2.65	.....	.....	.....
46	Enterprises operating pumping plants[9]	dollars		63,256,686	.....	5,235,208	3,177,381	181,379	1,296,908	3,331,131	.....
47	Average amount per acre	dollars		29.62	.....	36.38	46.34	15.84	13.48	6.17	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars		966,998	.....	(10)	83,336	(8)	(10)	(10)	.....
49	Enterprises reporting	number		111	.....	2	13	2	1	2	.....
50	Land in these enterprises	acres		1,925,300	.....	(10)	68,570	(8)	(10)	(10)	.....
51	Average cost per acre	dollars		0.50	.....	(10)	1.22	(8)	(10)	(10)	.....
52	By enterprises not operating pumping plants	dollars		144,941	39,362	(10)	(10)	13,974	(10)	(10)	18,700
53	Enterprises reporting	number		45	9	1	1	5	1	1	1
54	Land in these enterprises	acres		504,359	105,880	(10)	(10)	55,890	(10)	(10)	46,016
55	Average cost per acre	dollars		0.29	0.37	(10)	(10)	0.25	(10)	(10)	0.41
	Federal aid in maintenance:										
56	Enterprises reporting	number		21	1	1	.....	4	.....	.....	.....
57	Land in these enterprises	acres		236,666	(10)	(10)	.....	28,623	.....	.....	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars		1,825,692	104,257	(10)	76,208	33,107	.....	(10)	37,159
59	Enterprises reporting	number		91	4	1	7	5	.....	1	1
60	Land in these enterprises	acres		1,435,173	69,880	(10)	46,629	56,995	.....	(10)	46,016
61	Average amount collected per acre	dollars		1.27	1.49	(10)	1.63	0.58	.....	(10)	0.81
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		190,964	(10)	(10)	772	(10)	(10)	.....	.....
63	Enterprises reporting	number		41	1	2	3	2	1	.....	.....
64	Land in these enterprises	acres		767,301	(10)	(10)	25,495	(10)	(10)	.....	.....
65	Portion delinquent in these enterprises	percent		24.9	(10)	(10)	3.0	(10)	(10)	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars		17,123,185	552,338	2,349,388	107,817	(10)	(10)	(10)	240,000
67	Enterprises reporting	number		90	6	3	6	2	1	2	1
68	Land in these enterprises	acres		1,876,622	75,380	167,351	16,493	(10)	(10)	(10)	46,016
69	Average indebtedness per acre	dollars		9.12	7.33	14.04	6.54	(10)	(10)	(10)	5.22
70	Indebtedness in arrears, Dec. 31, 1939	dollars		2,968,596	.....	(10)	(10)	.....	(10)	(10)	.....
71	Enterprises reporting	number		23	.....	2	1	.....	1	2	.....
72	Land in these enterprises	acres		1,143,855	.....	(10)	(10)	.....	(10)	(10)	.....
73	Average arrearage per acre	dollars		2.60	.....	(10)	(10)	.....	(10)	(10)	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		2,358,476	.....	.....	.....	.....	.....	(10)	.....
75	Enterprises reporting	number		11	.....	.....	.....	.....	.....	2	.....
76	Land in these enterprises	acres		768,532	.....	.....	.....	.....	.....	(10)	.....
77	Average reduction per acre	dollars		3.07	.....	.....	.....	.....	.....	(10)	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 159.
[3] Included in "Other counties."
[4] Pumps located in Yolo County.
[5] Pumps located in Sutter County.

AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Kings	Merced	Modoc	Monterey[1]	Napa[1]	Orange	Placer[1]	Riverside[1]	Sacramento	San Joaquin	Santa Barbara[1]	Santa Clara[1]	Siskiyou[1]	
3	6	3	2	1	7	1	1	22	33	1	1	1	1
19.0	219.7	119.3	45.5	15.0	40.5	2.7	72.0	258.1	1,041.1	4.0	4.0	72.0	2
(3)	12.6	22.0	35.5	(3)	104.1	(3)	82.0	299.1	1,202.5	(3)	(3)	50.0	3
(3)	47.8	(3)	29.4	(3)	95.8	(3)	26.1	250.0	905.1	(3)	(3)	.....	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8	.....	.....	.....	5
3.4	9.2	3.0	0.5	.....	135.3	.....	.....	.....	0.5	4.0	.....	.....	6
(3)	2.0	.....	0.5	(3)	308.6	(3)	3.1	.....	2.0	(3)	(3)	.....	7
(3)	.....	(3)	.....	(3)	10.3	(3)	1.5	1.6	.....	(3)	(3)	.....	8
.....	.....	.....	.....	.....	1.5	.....	.....	.....	52.0	.....	.....	.....	9
12.0	8.7	8.0	.....	3.5	.....	2.7	25.0	228.4	353.0	4.0	6.3	12.8	10
(3)	.....	.....	.....	(3)	2.0	(3)	29.0	239.5	308.5	(3)	(3)	12.0	11
(3)	.....	(3)	.....	(3)	2.0	(3)	20.0	168.1	306.4	(3)	(3)	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	3,669	280	120	.....	52	(5)	.....	7,070	6,427	.....	.....	355	14
(3)	895	(7)	30	(3)	45	(3)	.....	7,363	6,290	(3)	(3)	265	15
(3)	21	(3)	.....	(3)	.....	(3)	.....	5,740	4,930	(3)	(3)	.....	16
.....	229,025	63,450	30,000	.....	5,700	(5)	.....	883,785	1,147,850	.....	.....	61,650	17
(3)	46,000	(7)	6,000	(3)	3,000	(3)	.....	810,600	1,112,500	(3)	(3)	59,400	18
(3)	1,750	(3)	.....	(3)	.....	(3)	.....	857,600	1,013,600	(3)	(3)	.....	19
.....	157,320	17,771	1,500	.....	16,095	1,364	.....	115,227	232,691	.....	.....	13,102	20
(3)	28,000	2,110	600	(3)	9,500	(3)	.....	121,887	143,394	(3)	(3)	10,600	21
(3)	700	(3)	.....	(3)	.....	(3)	.....	96,346	126,281	(3)	(3)	.....	22
.....	191	.....	.....	.....	.....	.....	.....	4	5	.....	.....	.....	23
(3)	46	.....	.....	(3)	.....	(3)	.....	.....	48	(3)	(3)	.....	24
40,971	1,149,855	262,504	265,000	15,000	836,432	105,000	636,644	9,490,609	10,958,761	200,000	33,208	176,737	25
(3)	367,354	38,061	190,000	(3)	1,225,968	(3)	865,473	10,427,171	9,335,091	(3)	(3)	317,000	26
(3)	389,091	(3)	140,000	(3)	295,000	(3)	149,384	8,402,309	7,659,563	(3)	(3)	.....	27
40,971	1,149,855	404,639	265,000	15,000	839,432	105,000	636,644	9,490,609	11,215,313	200,000	33,208	281,529	28
(3)	387,667	514,721	190,000	(3)	1,225,968	(3)	935,473	10,577,171	9,335,091	(3)	(3)	371,900	29
(3)	652,548	(3)	190,000	(3)	295,000	(3)	1,149,384	8,452,309	8,161,563	(3)	(3)	.....	30
7.82	3.71	21.03	37.24	12.00	21.38	64.66	6.98	78.84	50.35	100.00	29.49	21.49	31
(3)	8.67	27.39	40.43	(3)	29.22	(3)	11.67	84.49	46.18	(3)	(3)	28.61	32
(3)	26.91	(3)	40.43	(3)	8.29	(3)	22.72	80.67	49.64	(3)	(3)	.....	33
.....	.....	16,784	40,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
.....	.....	17.89	16.56	.....	.....	.....	.....	.....	.....	.....	.....	.....	35
.....	101,507	.....	.....	15,000	.....	.....	636,644	500,000	.....	.....	33,208	.....	36
.....	2.36	.....	.....	12.00	.....	.....	6.98	125.00	.....	.....	29.49	.....	37
250	.....	.....	.....	.....	239,000	.....	.....	.....	.....	.....	.....	.....	38
125.00	.....	.....	.....	.....	33.19	.....	.....	.....	.....	.....	.....	.....	39
37,721	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
16.94	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	251,600	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	15.75	.....	.....	.....	.....	.....	.....	.....	43
3,000	.....	6,000	.....	.....	.....	.....	.....	.....	.....	200,000	.....	.....	44
1.00	.....	11.21	.....	.....	.....	.....	.....	.....	.....	100.00	.....	.....	45
.....	1,048,348	381,855	225,000	.....	348,832	105,000	.....	8,990,609	11,215,313	.....	.....	281,529	46
.....	3.92	21.49	47.87	.....	21.67	64.66	.....	77.25	50.35	.....	.....	21.49	47
.....	121.251	(10)	1,000	.....	(10)	2,530	.....	116,259	208,885	.....	.....	8,481	48
.....	5	1	1	.....	2	1	.....	17	29	.....	.....	1	49
.....	267,137	(10)	4,700	.....	(10)	1,624	.....	112,207	203,081	.....	.....	13,102	50
.....	0.45	(10)	0.21	.....	(10)	1.56	.....	1.04	1.03	.....	.....	0.65	51
(10)	(10)	(10)	1,500	300	8,312	.....	6,795	(10)	.....	2,000	326	.....	52
2	1	1	1	1	5	.....	1	1	.....	1	1	.....	53
(10)	(10)	(10)	2,415	1,250	23,170	.....	91,200	(10)	.....	2,000	1,126	.....	54
(10)	(10)	(10)	0.62	0.24	0.36	.....	0.07	(10)	.....	1.00	0.29	.....	55
3	.....	.....	.....	.....	3	.....	.....	.....	1	.....	.....	.....	56
5,237	.....	.....	.....	.....	20,545	.....	.....	.....	(10)	.....	.....	.....	57
(10)	69,202	(10)	.....	.....	40,596	5,825	.....	295,202	96,726	.....	1,689	.....	58
1	4	1	.....	.....	6	1	.....	14	8	.....	1	.....	59
(10)	78,490	(10)	.....	.....	36,145	1,624	.....	108,245	119,391	.....	1,126	.....	60
(10)	0.88	(10)	.....	.....	1.12	3.59	.....	2.73	0.81	.....	1.50	.....	61
(10)	(10)	(10)	.....	.....	1,677	.....	.....	2,209	71,218	.....	.....	.....	62
2	1	1	.....	.....	4	.....	.....	5	3	.....	.....	.....	63
(10)	(10)	(10)	.....	.....	26,545	.....	.....	68,627	91,238	.....	.....	.....	64
(10)	(10)	(10)	.....	.....	6.3	.....	.....	3.2	78.0	.....	.....	.....	65
.....	127,007	(10)	107,000	.....	(10)	23,415	195,840	313,989	552,085	.....	2,793	159,672	66
.....	4	2	1	.....	1	1	1	10	10	.....	1	1	67
.....	78,490	(10)	4,700	.....	(10)	1,624	91,200	96,735	106,722	.....	1,126	13,102	68
.....	1.62	(10)	22.76	.....	(10)	14.42	2.15	19.78	5.17	.....	2.48	12.19	69
.....	.....	(10)	.....	.....	.....	.....	18,278	30,982	71,356	.....	.....	.....	70
.....	.....	1	.....	.....	.....	.....	1	3	3	.....	.....	.....	71
.....	.....	(10)	.....	.....	.....	.....	91,200	64,419	82,974	.....	.....	.....	72
.....	.....	(10)	.....	.....	.....	.....	0.20	0.48	0.86	.....	.....	.....	73
.....	.....	.....	.....	.....	(10)	.....	590,400	(10)	(10)	.....	.....	.....	74
.....	.....	.....	.....	.....	1	.....	1	1	1	.....	.....	.....	75
.....	.....	.....	.....	.....	(10)	.....	91,200	(10)	(10)	.....	.....	.....	76
.....	.....	.....	.....	.....	(10)	.....	6.47	(10)	(10)	.....	.....	.....	77

[6] Pumps located in Colusa County.
[7] Pumps located in Siskiyou County.
[8] Drainage by water wheel.
[9] Data in lines 46 and 47 are not included in lines 34 to 45.
[10] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

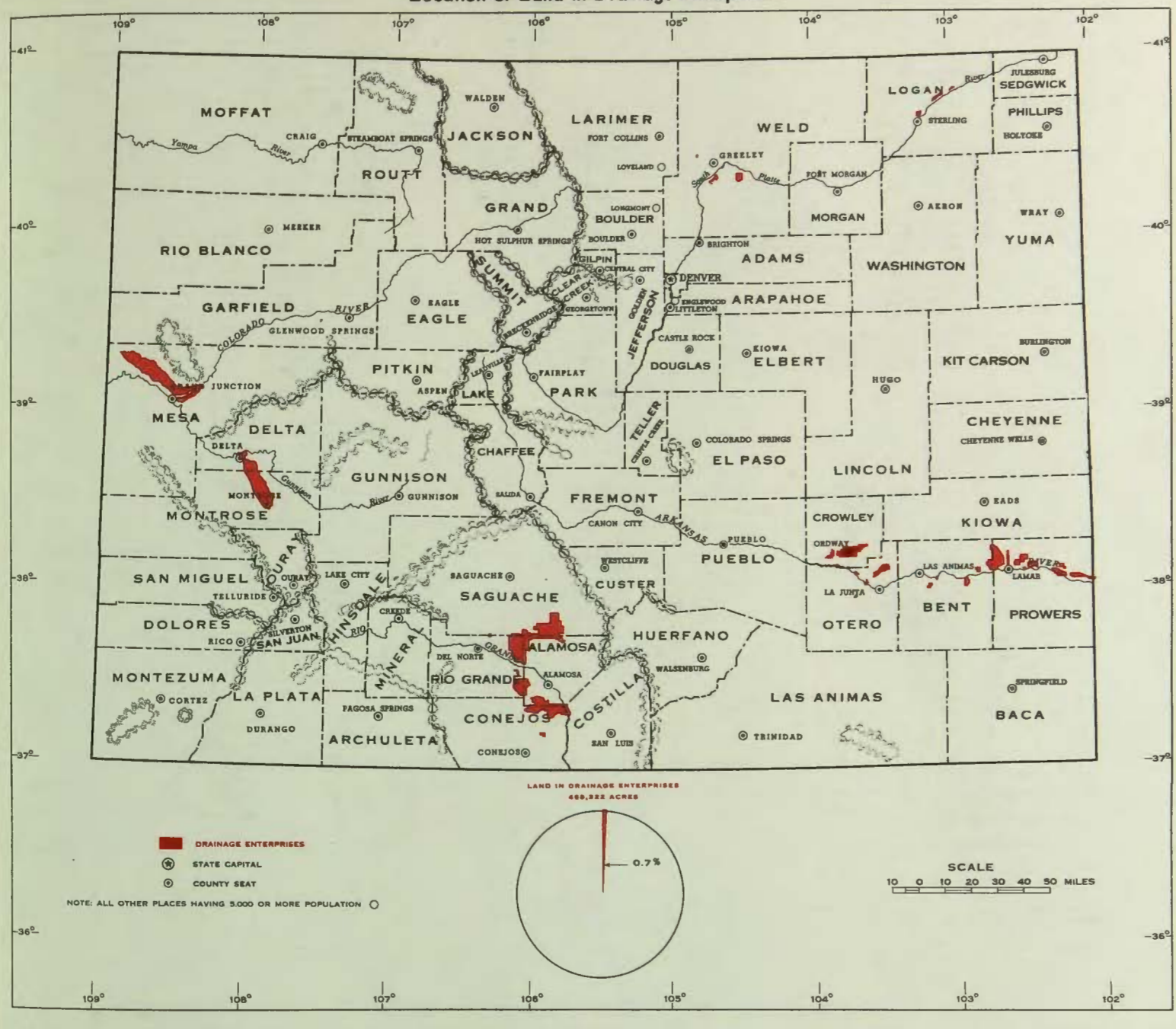
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Solano	Sonoma[1]	Stanislaus	Sutter	Ventura	Yolo	Yuba	Other counties[2]
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	8	1	4	11	3	18	3	10
	Open ditches:								
2	Completed.....miles.....1940..	234.2	40.0	58.2	731.7	46.0	472.9	66.0	70.6
3	1930..	224.0	(3)	95.0	631.5	41.0	420.0	23.0	108.7
4	1920..	183.8	6.6	38.1	521.1	.....	275.5	36.5	152.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	28.0	.....	102.0	3.5	.....	7.4
7	1930..	47.0	(3)	16.8	.....	85.0	1.0	.....	11.2
8	1920..	47.1	.....	.....	1.5	.....	0.4	.....	15.1
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	1.8	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	101.0	.....	.....	168.6	.....	193.8	61.3	32.0
11	1930..	67.1	(3)	.....	166.8	.....	190.2	39.8	54.5
12	1920..	72.5	.....	.....	152.7	.....	101.5	43.9	85.2
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	2,355	.....	2,756	8,210	60	8,591	90	763
15	1930..	1,120	(3)	2,350	9,400	10	9,395	.....	695
16	1920..	2,025	.....	17	7,708	.....	5,175	450	480
17	Pump capacity.....gal. per min..1940..	476,750	.....	187,687	1,013,280	11,080	1,179,820	15,650	77,200
18	1930..	205,950	(3)	128,000	1,027,000	500	1,294,250	.....	136,000
19	1920..	311,100	.....	3,000	1,003,540	.....	886,500	60,000	143,000
20	Land served by pumps.....acres.....1940..	55,016	.....	212,734	141,520	7,067	122,907	1,650	7,297
21	1930..	40,704	(3)	68,112	148,087	6,000	116,793	.....	7,289
22	1920..	39,906	.....	600	136,085	.....	108,948	15,000	9,700
23	Wells pumped for drainage.....number.....1940..	.....	.....	142	.....	.....	.....	.....	1
24	1930..	.....	(3)	124	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	3,059,386	26,500	1,225,626	11,193,480	653,036	11,301,599	1,229,000	306,009
26	1930..	2,836,859	(3)	1,331,259	8,563,563	345,000	11,508,782	1,562,789	1,192,747
27	1920..	1,339,492	20,000	433,457	10,974,400	.....	8,968,969	1,037,500	1,689,716
28	Estimated cost when completed.....dollars.....1940..	3,059,386	26,500	1,225,626	11,201,480	665,536	11,301,599	1,229,000	306,009
29	1930..	2,836,859	(3)	1,331,259	8,569,563	345,600	11,514,522	1,562,789	1,192,747
30	1920..	1,421,992	30,000	1,413,829	13,331,045	.....	9,526,469	1,037,500	1,999,716
31	Average cost per acre when completed.....dollars.....1940..	55.54	7.65	4.73	63.04	33.68	83.64	37.36	29.98
32	1930..	66.13	(3)	6.06	52.91	29.29	91.23	40.76	28.45
33	1920..	32.51	7.50	21.75	73.95	.....	61.96	31.68	22.25
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	.....	26,500	.....	511,132	.....	.....	.....	.....
35	Average amount per acre.....dollars..	.....	7.65	.....	20.26	.....	.....	.....	.....
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	19,000	.....	759,932	55,000	15,000
37	Average amount per acre.....dollars..	.....	.....	.....	32.93	.....	20.88	23.73	13.89
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	130,555	.....	.....	38,471
43	Average amount per acre.....dollars..	.....	.....	.....	.....	19.92	.....	.....	76.48
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	21,353
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	18.54
46	Enterprises operating pumping plants[4].....dollars..	3,059,386	.....	1,225,626	10,671,348	534,981	10,541,667	1,174,000	231,185
47	Average amount per acre.....dollars..	55.54	.....	4.73	70.27	40.50	106.77	38.39	30.94
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	35,487	.....	(5)	135,434	(5)	109,798	(5)	11,481
49	Enterprises reporting.....number...	5	.....	2	5	2	12	1	7
50	Land in these enterprises.....acres....	37,537	.....	(5)	132,603	(5)	85,454	(5)	7,471
51	Average cost per acre.....dollars..	0.94	.....	(5)	1.02	(5)	1.28	(5)	1.54
52	By enterprises not operating pumping plants.....dollars..	.....	800	.....	5,410	(5)	(5)	(5)	(5)
53	Enterprises reporting.....number...	.....	1	.....	4	1	2	1	2
54	Land in these enterprises.....acres....	.....	3,462	.....	25,170	(5)	(5)	(5)	(5)
55	Average cost per acre.....dollars..	.....	0.23	.....	0.21	(5)	(5)	(5)	(5)
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	1	.....	.....	2	.....	5	.....	.....
57	Land in these enterprises.....acres....	(5)	.....	.....	(5)	.....	52,464	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	81.504	786	(5)	500,157	64,297	254,665	(5)	14,044
59	Enterprises reporting.....number...	4	1	2	9	3	10	1	6
60	Land in these enterprises.....acres....	35,071	3,462	(5)	164,239	19,763	59,442	(5)	5,291
61	Average amount collected per acre.....dollars..	2.32	0.23	(5)	3.04	3.25	4.28	(5)	2.65
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	(5)	8,312	(5)	13,320	(5)	.....
63	Enterprises reporting.....number...	.....	.....	1	6	2	5	2	.....
64	Land in these enterprises.....acres....	.....	.....	(5)	150,046	(5)	32,314	(5)	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	(5)	5.5	(5)	41.2	(5)	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	204,931	.....	180,256	3,798,253	328,700	2,415,021	(5)	72,594
67	Enterprises reporting.....number...	5	.....	3	9	3	12	2	3
68	Land in these enterprises.....acres....	30,925	.....	124,134	176,462	19,763	115,546	(5)	3,116
69	Average indebtedness per acre.....dollars..	6.63	.....	1.45	21.52	16.63	20.90	(5)	23.30
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(5)	.....	.....	(5)	.....	644,535	(5)	.....
71	Enterprises reporting.....number...	2	.....	.....	2	.....	3	2	.....
72	Land in these enterprises.....acres....	(5)	.....	.....	(5)	.....	26,700	(5)	.....
73	Average arrearage per acre.....dollars..	(5)	.....	.....	(5)	.....	24.14	(5)	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(5)	.....	.....	371,673	.....	(5)	.....	.....
75	Enterprises reporting.....number...	1	.....	.....	3	.....	1	.....	.....
76	Land in these enterprises.....acres....	(5)	.....	.....	87,332	.....	(5)	.....	.....
77	Average reduction per acre.....dollars..	(5)	.....	.....	4.26	.....	(5)	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Humboldt, Lake, Los Angeles, Marin, Santa Cruz, and Tulare Counties in 1940; Humboldt, Kings, Lake, Los Angeles, Marin, Napa, Placer, San Bernardino, Santa Barbara, Santa Clara, Shasta, Sonoma, and Tulare Counties in 1930; and Humboldt, Kern, Kings, Lake, Los Angeles, Marin, Modoc, Napa, Placer, San Bernardino, Santa Barbara, Santa Clara, Shasta, and Sierra Counties in 1920. [3] Included in "Other counties." [4] Data in lines 46 and 47 are not included in lines 34 to 45. [5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COLORADO

Location of Land in Drainage Enterprises



CENSUS OF DRAINAGE — COLORADO

STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	66,538,880	66,341,120	66,341,120	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	468,322	366,719	171,656	101,603	27.7	195,063	113.6
Improved.....acres.....	411,635	302,023	123,031	109,612	36.3	178,992	145.5
Unimproved:							
Timber and cut-over.....acres.....	5,780	.....	.....	5,780	.....	.....	.....
Other.....acres.....	50,907	64,696	48,625	-13,789	-21.3	16,071	33.1
Drainage sufficient for normal crop.....acres.....	443,514	313,039	(1)	130,475	41.7	.....	.....
Partly drained, for partial crop.....acres.....	14,880	48,176	(1)	-33,296	-69.1	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	9,928	5,504	[2] 26,446	4,424	80.4	-20,942	-79.2
In occupied farms.....acres.....	392,132	305,966	(1)	86,166	28.2	.....	.....
In planted crops.....acres.....	344,702	274,922	(1)	69,780	25.4	.....	.....
Idle.....acres.....	82,996	69,780	(1)	13,216	18.9	.....	.....
Available for settlement.....acres.....	13,073	53,513	(1)	-40,440	-75.6	.....	.....
Open ditches, completed.....miles.....	972.9	814.9	132.5	158.0	19.4	682.4	515.0
Tile drains, completed.....miles.....	365.3	369.5	195.2	-4.2	-1.1	174.3	89.3
Drainage pumping plants, capacity.....horsepower....	6	.....	.....	6	.....	.....	.....
gal. per min..	900	.....	.....	900	.....	.....	.....
Capital invested in enterprises.....dollars.....	4,890,317	4,358,866	1,081,875	531,451	12.2	3,276,991	302.9
Average per acre.....dollars.....	10.44	11.89	6.30	-1.45	-12.2	5.59	88.7

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	469,294	367,359	171,656	468,322	5,000 to 9,999 acres.....	75,300	73,941	26,000	75,300
200 to 499 acres.....	812	902	.....	812	10,000 to 19,999 acres.....	115,483	226,746	71,000	115,483
500 to 999 acres.....	9,154	5,986	3,396	9,154	20,000 to 49,999 acres.....	90,486			90,486
1,000 to 1,999 acres.....	12,415	59,784	21,260	12,415	50,000 to 99,999 acres.....	109,244	.....	50,000	109,244
2,000 to 4,999 acres.....	56,400			55,428					

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	468,322	100.0	4,890,317	100.0
Drainage districts.....	255,709	54.6	3,189,708	65.2
Irrigation enterprises:				
Federal.....	122,760	26.2	1,140,366	23.3
Other.....	64,562	13.8	135,910	2.8
Commercial developments—incorporated.....	950	0.2	18,633	0.4
Individually owned projects.....	24,341	5.2	405,700	8.3

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	468,322	100.0	366,719	100.0	171,656	100.0	4,890,317	100.0	4,358,866	100.0	1,081,875	100.0
Gravity drainage only by—												
Open ditches.....	171,156	36.5	112,143	30.6	41,100	23.9	1,745,400	35.7	1,354,000	31.1	119,000	11.0
Tile drains.....	9,845	2.1	12,518	3.4	10,776	6.3	230,912	4.7	292,700	6.7	183,663	17.0
Open ditches and tile drains...	277,294	59.2	242,058	66.0	119,780	69.8	2,853,284	58.4	2,712,166	62.2	779,212	72.0
Part only by pumping by—												
Open ditches and tile drains...	10,027	2.2	.....	.....	.....	.....	60,721	1.2	.....	.....	.....	.....
Total area served by pumps.....	80	(1)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises[1]	CAPACITY			Land served
			Engine or motor		Pump	
		Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises[2]	1940	1	6	100.0	900	80
Electric and water	1940	1	6	100.0	900	80

[1] Where there are less than 3 enterprises reporting, data are shown only by written permission of each enterprise affected.
[2] No enterprises operating pumping plants reported prior to 1940.

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises[1]	1940	4	900	100.0	6	80
Centrifugal and plunger	1940	4	900	100.0	6	80

[1] No enterprises operating pumping plants reported prior to 1940.

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	468,322	100.0	366,719	100.0	4,890,317	100.0	4,358,866	100.0	30,083	24,164
Enterprises in arrears	67,040	14.3	53,195	14.5	985,782	20.2	731,938	16.8	24,233	18,411
With some delinquent land	52,278	11.1	46,695	12.7	743,782	15.2	717,238	16.5	24,233	18,411
With no delinquent land	5,462	1.2	6,500	1.8	102,000	2.1	14,700	0.3	.....	.....
With no report on delinquency	9,300	2.0	.....	.....	140,000	2.9	.....	.....	.....	.....
Enterprises not in arrears	400,478	85.5	313,524	85.5	3,882,535	79.4	3,626,928	83.2	5,046	5,753
With some delinquent land	55,442	11.8	70,026	19.1	688,712	14.1	1,329,850	30.5	5,046	5,753
With no delinquent land	345,036	73.7	243,498	66.4	3,193,823	65.3	2,297,078	52.7	.....	.....
Enterprises not reporting on arrearage—with some delinquent land	804	0.2	.....	.....	22,000	0.4	.....	.....	804	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	468,322	4,890,317	1,853,395	466,521	349,695	30,083	102,433
Enterprises in debt	252,641	3,105,192	1,853,395	466,521	349,695	29,603	79,091
In arrears, amount of arrearage stated	67,040	985,782	625,701	466,521	6,900	24,233	26,647
Collecting drainage taxes in 1939	23,432	404,400	308,001	194,821	.....	10,039	26,647
No collections reported	43,608	581,382	317,700	271,700	6,900	14,194	.....
Not in arrears	184,797	2,097,410	1,216,194	.....	342,795	4,566	52,444
Collecting drainage taxes in 1939	162,377	1,684,610	1,058,194	.....	168,295	4,566	52,444
No collections reported	22,420	412,800	158,000	.....	174,500	.....	.....
Not reporting as to arrears	804	22,000	11,500	.....	.....	804	.....
No collections reported	804	22,000	11,500	.....	.....	804	.....
Enterprises not in debt	215,681	1,785,125	.....	.....	.....	480	23,342
Collecting drainage taxes in 1939	61,303	550,791	.....	.....	.....	.....	23,342
No collections reported	154,378	1,234,334	.....	.....	.....	480	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	468,322	100.0	4,890,317	100.0
Improvement of land already in farms	151,202	32.3	1,056,165	21.6
Reclamation of swamp land not previously in farms	7,715	1.6	172,000	3.5
Removal of alkali or seepage from irrigation	309,405	66.1	3,662,152	74.9

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	468,322	100.0	469,294	972	4,890,317	100.0
1900–1904	6,320	1.4	6,720	400	45,500	0.9
1905–1909	63,833	13.6	63,833	.....	239,910	4.9
1910–1914	20,820	4.4	20,820	.....	190,000	3.9
1915–1919	122,309	26.1	122,309	.....	1,630,769	33.4
1920–1924	164,614	35.2	165,186	572	2,152,471	44.0
1925–1929	15,467	3.3	15,467	.....	169,046	3.4
1930–1934	2,852	0.6	2,852	.....	33,700	0.7
1935–1939	72,107	15.4	72,107	.....	428,921	8.8

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	468,322	443,514	94.7	14,880	9,928	411,635	87.9	5,780	50,907	392,132	83.7	344,702	82,996	13,073
1900–1904	6,320	6,320	100.0	.....	.....	2,380	37.6	3,940	.....	4,180	66.1	2,180	.....	.....
1905–1909	63,833	63,673	99.7	.....	160	63,673	99.7	.....	160	63,833	100.0	57,700	2,042	.....
1910–1914	20,820	17,720	85.1	3,100	.....	10,370	49.8	.....	10,450	14,750	70.8	10,000	6,160	6,000
1915–1919	122,309	121,509	99.3	400	400	101,507	83.0	.....	20,802	102,507	83.8	96,866	1,955	.....
1920–1924	164,614	156,284	94.9	4,062	4,268	152,460	92.6	1,840	10,314	117,149	71.2	97,243	63,661	6,473
1925–1929	15,467	14,654	94.7	713	100	14,664	94.8	.....	803	14,754	95.4	14,364	800	600
1930–1934	2,852	2,247	78.8	605	.....	2,852	100.0	.....	.....	2,852	100.0	2,620	.....	.....
1935–1939	72,107	61,107	84.7	6,000	5,000	63,729	88.4	.....	8,378	72,107	100.0	63,729	8,378	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	468,322	468,322	430,212	38,110	127,688	0.27	0.30
Gravity drainage only	458,295	458,295	420,185	38,110	126,165	0.28	0.30
Open ditches only	171,156	171,156	142,588	28,568	84,055	0.49	0.59
Tile drains only	9,845	9,845	9,285	560	2,423	0.25	0.26
Open ditches and tile drains	277,294	277,294	268,312	8,982	39,687	0.14	0.15
Pumping for all or part of drainage:							
Part pumping and part gravity	10,027	10,027	10,027	.....	1,523	0.15	0.15

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	468,322	100.0	4,890,317	100.0
Method:				
By district forces	290,270	62.0	2,796,122	57.2
By contract	29,167	6.2	424,200	8.7
Work apportioned to landowners	32,905	7.0	462,450	9.4
"None," or not reporting	115,980	24.8	1,207,545	24.7
Whether systematic:				
Reporting "yes"	306,469	65.5	3,132,763	64.1
Reporting "no"	161,281	34.4	1,746,654	35.7
Not reporting	572	0.1	10,900	0.2

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT		ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent			Amount	Percent
Land in enterprises.....acres....	468,322	42,176	9.0	Drainage works:			
Capital invested.....dollars..	4,890,317	702,724	14.4	Open ditches.....miles..	972.9	149.5	15.4
				Tile drains.....miles..	365.3	8.9	2.4

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received.....	33,442	615,000	90.8	17.5	.....
Work Projects Administration.....	33,442	615,000	90.8	17.5	.....

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COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Alamosa	Bent	Conejos	Crowley	Delta[1]	Logan
	LAND AREA									
1	Approximate land area	acres	1940	66,538,880	460,800	981,120	813,440	513,920	740,480	1,169,280
2	Drainage enterprises	number	1940	[2]67	5	7	6	7	1	3
3	Land in enterprises	acres	1940	468,322	33,235	21,063	39,571	26,542	15,863	5,633
4			1930	366,719	33,845	23,112	36,871	28,867	.....	2,213
5			1920	171,656	([3])	11,550	17,100	([3])	.....	.....
6	Area of all enterprises, overlapping included	acres	1940	469,294	33,235	21,635	39,571	26,542	15,863	5,633
7	Amount of overlapping	acres	1940	972	.....	572	.....	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	443,514	33,235	20,642	35,511	26,167	13,663	4,920
9			1930	313,039	18,723	22,712	34,040	24,489	.....	1,500
10	Increase or decrease (-), 1930-1940	acres		130,475	14,512	-2,070	1,471	1,678	13,663	3,420
11		percent		41.7	77.5	-9.1	4.3	6.8	.....	228.0
12	Land undrained, unfit for any crop	acres	1940	9,928	.....	321	960	225	1,000	.....
13			1930	5,504	128	380	.....	1,000	.....	.....
14	Increase or decrease (-), 1930-1940	acres		4,424	-128	-59	960	-775	1,000	.....
15		percent		80.4	-100.0	-15.5	.....	-77.5	.....	.....
16	Land partly drained, for partial crop	acres	1940	14,880	.....	100	3,100	150	1,200	713
17			1930	48,176	14,994	20	2,831	3,378	.....	1,500
18	Increase or decrease (-), 1930-1940	acres		-33,296	-14,994	80	269	-3,228	1,200	.....
19		percent		-69.1	-100.0	400.0	9.5	-95.6	.....	.....
20	Improved land	acres	1940	411,635	31,095	20,624	26,901	26,077	14,020	4,520
21			1930	302,023	19,443	22,772	21,540	28,282	.....	1,500
22			1920	123,031	([3])	8,736	9,163	([3])	.....	.....
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	5,780	2,140	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
25			1920	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	50,907	.....	439	12,670	465	1,843	1,113
27			1930	64,686	14,402	340	15,331	585	.....	713
28			1920	48,625	([3])	2,814	7,937	([3])	.....	.....
29	Land in occupied farms	acres	1940	392,132	31,095	20,584	27,321	26,542	15,863	4,920
30			1930	305,966	19,443	22,692	21,040	27,960	.....	1,500
31	Increase or decrease (-), 1930-1940	acres		86,166	11,652	-2,108	6,281	-1,418	15,863	3,420
32		percent		28.2	60.0	-9.3	29.8	-5.1	.....	228.0
33	Land in planted crops	acres	1940	344,702	29,070	19,255	20,580	23,259	14,020	4,520
34			1930	274,922	18,443	21,002	20,040	25,919	.....	1,500
35	Increase or decrease (-), 1930-1940	acres		69,780	10,627	-1,747	540	-2,660	14,020	3,020
36		percent		25.4	57.6	-8.3	2.7	-10.3	.....	201.3
37	Land idle	acres	1940	82,996	985	900	13,214	3,283	1,843	600
38			1930	69,780	14,402	1,530	15,481	2,843	.....	600
39	Increase or decrease (-), 1930-1940	acres		13,216	-13,417	-630	-2,267	440	1,843	.....
40		percent		18.9	-93.2	-41.2	-14.6	15.5	.....	.....
41	Land available for settlement	acres	1940	13,073	.....	439	12,034	.....	.....	600
42			1930	53,513	13,122	80	15,131	.....	.....	600
43	Increase or decrease (-), 1930-1940	acres		-40,440	-13,122	359	-3,097	.....	.....	.....
44		percent		-75.6	-100.0	448.8	-20.5	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		171,156	710	5,417	.....	22,318	15,863	3,420
46	Length of these ditches	miles		423.8	2.3	13.0	.....	70.8	34.4	14.0
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		9,845	.....	3,338	1,640	2,024	.....	.....
53	Length of these tile	miles		71.7	.....	12.5	4.0	11.5	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		277,294	32,525	12,308	37,931	2,200	.....	2,213
60	Length of these open ditches	miles		529.1	40.1	6.0	56.0	1.0	.....	7.5
61	Length of these tile	miles		288.6	36.5	20.0	91.0	20.0	.....	0.5
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres		10,027	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		20.0	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		5.0	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 56.
[3] Data are not available for the county, but are included in State totals.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Mesa	Montrose[1]	Morgan[1]	Otero	Prowers	Rio Grande	Saguache	Weld
	LAND AREA									
1	Approximate land area	acres 1940	2,120,320	1,432,960	820,480	810,880	1,040,640	586,240	2,012,160	2,562,560
2	Drainage enterprises	number 1940	4	1	1	6	11	7	4	4
3	Land in enterprises	acres 1940	104,247	56,244	780	13,713	44,371	64,491	33,755	8,814
4		1930	73,831	.....	750	14,445	47,593	65,010	33,220	6,962
5		1920	50,640	.....	(2)	4,539	38,040	27,000	(2)	.....
6	Area of all enterprises, overlapping included	acres 1940	104,247	56,244	780	13,713	44,371	64,891	33,755	8,814
7	Amount of overlapping	acres 1940	.....	.....	.....	.....	.....	400	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	102,020	47,444	780	10,718	42,371	64,491	33,755	7,797
9		1930	59,293	.....	750	13,646	47,034	62,790	21,120	6,942
10	Increase or decrease (-), 1930-1940	acres	42,727	47,444	30	-2,928	-4,663	1,701	12,635	855
11		percent	72.1	.....	4.0	-21.4	-9.9	2.7	59.8	12.3
12	Land undrained, unfit for any crop	acres 1940	1,027	4,000	.....	795	1,400	.....	.....	200
13		1930	1,250	.....	.....	370	56	2,220	80	20
14	Increase or decrease (-), 1930-1940	acres	-223	4,000	.....	425	1,344	-2,220	-80	180
15		percent	-17.8	.....	.....	114.9	(3)	-100.0	-100.0	900.0
16	Land partly drained, for partial crop	acres 1940	1,200	4,800	.....	2,200	600	.....	.....	817
17		1930	13,288	.....	.....	429	503	.....	12,020	.....
18	Increase or decrease (-), 1930-1940	acres	-12,088	4,800	.....	1,771	97	.....	-12,020	817
19		percent	-91.0	.....	.....	412.8	19.3	.....	-100.0	.....
20	Improved land	acres 1940	83,418	49,709	780	11,510	44,181	60,851	29,235	8,714
21		1930	64,763	.....	750	11,868	47,593	57,330	19,240	6,942
22		1920	30,640	.....	(2)	4,196	30,359	23,650	(2)	.....
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	.....	.....	.....	.....	.....	3,640	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
25		1920	.....	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres 1940	20,829	6,535	.....	2,203	190	.....	4,520	100
27		1930	9,068	.....	.....	2,577	.....	7,680	13,980	20
28		1920	20,000	.....	(2)	343	7,681	3,350	(2)	.....
29	Land in occupied farms	acres 1940	44,418	56,244	780	12,934	44,371	64,491	33,755	8,814
30		1930	66,101	.....	750	14,275	47,593	58,330	19,320	6,962
31	Increase or decrease (-), 1930-1940	acres	-21,683	56,244	30	-1,341	-3,222	6,161	14,435	1,852
32		percent	-32.8	.....	4.0	-9.4	-6.8	10.6	74.7	26.6
33	Land in planted crops	acres 1940	42,039	49,709	780	8,225	36,976	59,134	28,815	8,320
34		1930	52,624	.....	750	11,818	46,824	51,580	17,480	6,942
35	Increase or decrease (-), 1930-1940	acres	-10,585	49,709	30	-3,593	-9,848	7,554	11,335	1,378
36		percent	-20.1	.....	4.0	-30.4	-21.0	14.6	64.8	19.8
37	Land idle	acres 1940	40,566	6,535	.....	5,288	5,905	3,357	420	100
38		1930	6,338	.....	.....	2,627	769	9,430	15,740	20
39	Increase or decrease (-), 1930-1940	acres	34,228	6,535	.....	2,661	5,136	-6,073	-15,320	80
40		percent	540.0	.....	.....	101.3	667.9	-64.4	-97.3	400.0
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	6,500	.....	.....	.....	.....	6,080	12,000	.....
43	Increase or decrease (-), 1930-1940	acres	-6,500	.....	.....	.....	.....	-6,080	-12,000	.....
44		percent	-100.0	.....	.....	.....	.....	-100.0	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	.....	56,244	.....	11,604	34,171	2,614	12,775	6,020
46	Length of these ditches	miles	.....	126.4	.....	46.3	72.7	8.6	23.3	12.0
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	594	.....	780	909	.....	.....	560	.....
53	Length of these tile	miles	5.0	.....	15.0	22.0	.....	.....	1.7	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	93,626	.....	.....	1,200	10,200	61,877	20,420	2,794
60	Length of these open ditches	miles	341.0	.....	.....	6.5	10.0	44.4	8.4	8.2
61	Length of these tile	miles	3.4	.....	.....	6.0	22.0	79.8	0.9	8.5
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres	10,027	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	20.0	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	5.0	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Data are not available for the county, but are included in State totals.
[3] Percent not shown when more than 1,000.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Alamosa	Bent	Conejos	Crowley	Delta[1]	Logan
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	[2] 67	5	7	6	7	1	3
	Open ditches:									
2	Completed	miles	1940	972.9	42.4	19.0	56.0	71.8	34.4	21.5
3			1930	814.9	41.5	18.5	36.0	73.2	.....	9.0
4			1920	132.5	([3])	5.2	21.0	([3])	.....	.....
5	Additional length authorized	miles	1940	27.0	.....	.....	.....	.....	5.0	.....
	Tile drains:									
6	Completed	miles	1940	365.3	36.5	32.5	95.0	31.5	.....	0.5
7			1930	369.5	37.8	28.4	103.1	23.2	.....	.....
8			1920	195.2	([3])	18.3	74.6	([3])	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	.....	.....
12			1920	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	6	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	900	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	80	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	4	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	4,890,317	271,490	276,300	559,800	570,000	91,790	121,855
26			1930	4,358,866	308,494	259,150	581,400	519,000	.....	65,000
27			1920	1,081,875	([3])	99,500	253,907	([3])	.....	.....
28	Estimated cost when completed	dollars	1940	4,972,696	271,490	276,800	564,800	570,800	107,000	121,855
29			1930	4,395,866	308,494	259,150	581,400	519,000	.....	65,000
30			1920	1,285,070	([3])	110,500	343,907	([3])	.....	.....
31	Average cost per acre when completed	dollars	1940	10.62	8.17	13.14	14.27	21.50	6.74	21.63
32			1930	11.99	9.11	11.21	15.77	17.98	.....	29.37
33			1920	7.49	([3])	9.57	20.11	([3])	.....	.....
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		1,817,279	2,632	72,000	.....	430,800	107,000	56,855
35	Average amount per acre	dollars		10.62	3.71	13.29	.....	19.30	6.74	16.62
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		231,412	.....	71,400	28,000	50,000	.....	.....
39	Average amount per acre	dollars		23.50	.....	21.39	17.07	24.70	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		2,863,284	268,858	133,400	536,800	90,000	.....	65,000
43	Average amount per acre	dollars		9.96	8.27	10.84	14.15	40.91	.....	29.37
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4]	dollars		60,721	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		6.06	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		[1] 1,523	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		1	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		[1] 10,027	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		[1] 0.15	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		126,165	800	2,499	2,700	6,851	15,600	([5])
53	Enterprises reporting	number		50	3	7	6	6	1	2
54	Land in these enterprises	acres		420,185	30,285	21,063	39,571	24,342	15,863	([5])
55	Average cost per acre	dollars		0.30	0.03	0.12	0.07	0.28	0.98	([5])
	Federal aid in maintenance:									
56	Enterprises reporting	number		8	.....	1	.....	6	.....	.....
57	Land in these enterprises	acres		33,442	.....	([5])	.....	24,342	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		102,433	([5])	8,509	([5])	12,300	.....	([5])
59	Enterprises reporting	number		31	1	4	1	5	.....	2
60	Land in these enterprises	acres		247,112	([5])	11,911	([5])	22,117	.....	([5])
61	Average amount collected per acre	dollars		0.41	([5])	0.71	([5])	0.56	.....	([5])
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		30,083	([5])	2,244	([5])	4,566	.....	([5])
63	Enterprises reporting	number		25	1	5	2	6	.....	1
64	Land in these enterprises	acres		108,524	([5])	11,397	([5])	24,342	.....	([5])
65	Portion delinquent in these enterprises	percent		27.7	([5])	19.7	([5])	18.8	.....	([5])
66	Total indebtedness, Dec. 31, 1939	dollars		1,853,395	75,795	81,601	297,000	160,000	.....	([5])
67	Enterprises reporting	number		38	3	6	4	5	.....	2
68	Land in these enterprises	acres		252,641	29,735	19,397	25,000	22,117	.....	([5])
69	Average indebtedness per acre	dollars		7.34	2.65	4.21	11.88	7.23	.....	([5])
70	Indebtedness in arrears, Dec. 31, 1939	dollars		466,521	([5])	19,801	257,000	.....	.....	([5])
71	Enterprises reporting	number		18	1	4	3	.....	.....	1
72	Land in these enterprises	acres		67,040	([5])	10,297	22,120	.....	.....	([5])
73	Average arrearage per acre	dollars		6.96	([5])	1.92	11.62	.....	.....	([5])
74	Reduction of debt by refinancing, prior to 1940	dollars		349,695	([5])	([5])	([5])	111,100	.....	.....
75	Enterprises reporting	number		15	2	2	2	5	.....	.....
76	Land in these enterprises	acres		124,979	([5])	([5])	([5])	22,117	.....	.....
77	Average reduction per acre	dollars		2.80	([5])	([5])	([5])	5.02	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 56.
[3] Data are not available for the county, but are included in State totals.
[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1.

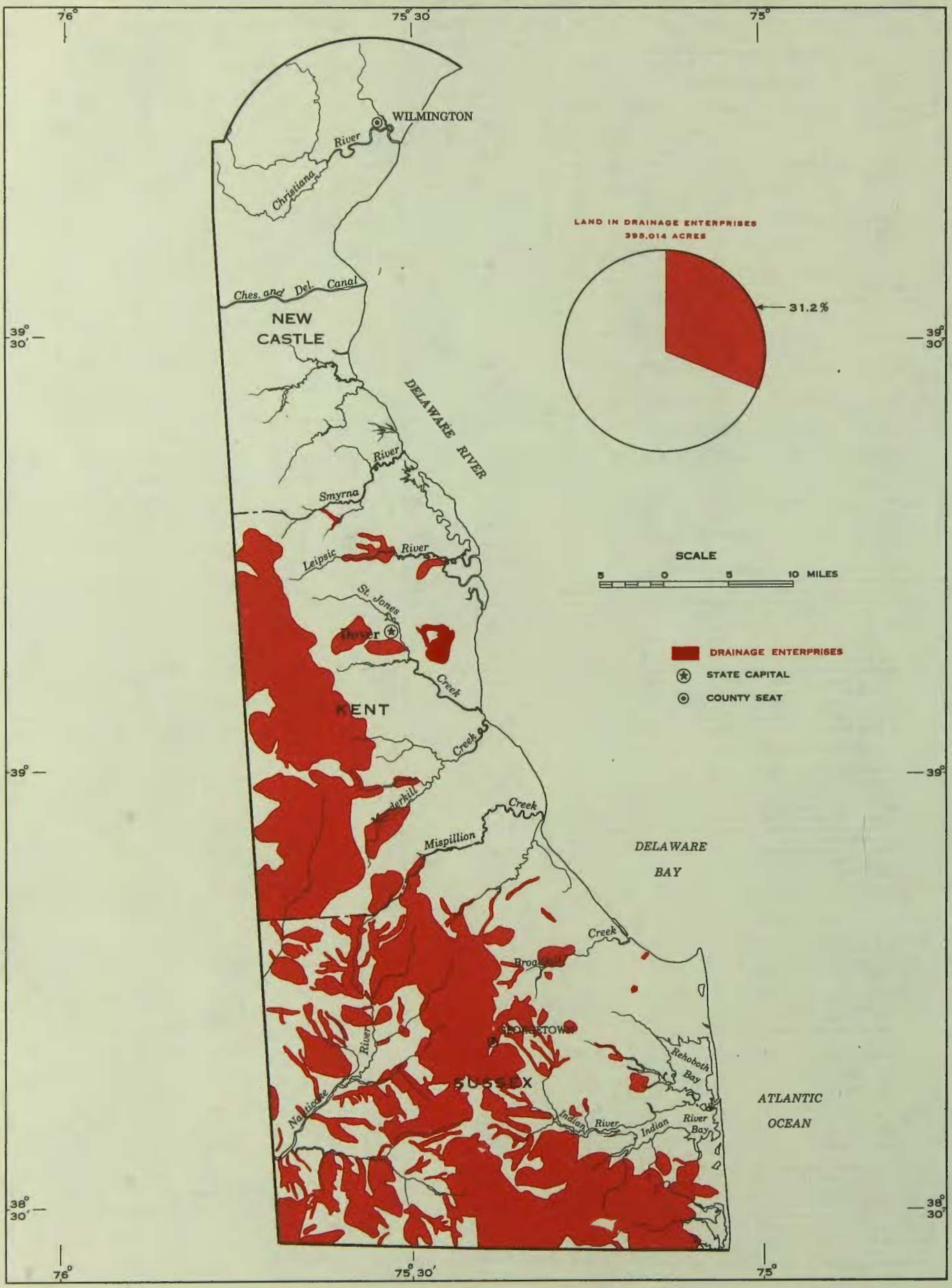
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Mesa	Montrose[1]	Morgan[1]	Otero	Prowers	Rio Grande	Saguache	Weld
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	4	1	1	6	11	7	4	4
	Open ditches:									
2	Completed	miles 1940	361.0	126.4	.....	52.8	82.7	53.0	31.7	20.2
3		1930	452.4	.....	.....	44.7	65.5	40.0	25.9	8.2
4		1920	26.5	.....	(2)	8.3	22.0	20.9	(2)	.....
5	Additional length authorized	miles 1940	2.0	20.0	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	13.4	.....	15.0	28.0	22.0	79.8	2.6	8.5
7		1930	5.7	.....	5.0	39.0	22.6	92.7	4.5	7.5
8		1920	6.6	.....	(2)	26.7	12.6	23.5	(2)	.....
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
11		1930	.....	.....	.....	.....	.....	.....	.....	.....
12		1920	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	6	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	900	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	80	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	4	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	1,173,445	337,131	21,000	319,933	537,100	429,251	75,731	105,491
26		1930	1,164,568	.....	10,000	352,000	539,050	410,724	82,080	67,400
27		1920	224,805	.....	(2)	141,000	126,000	108,200	(2)	.....
28	Estimated cost when completed	dollars 1940	1,178,445	393,000	21,000	319,933	537,100	429,251	75,731	105,491
29		1930	1,201,568	.....	10,000	352,000	539,050	410,724	82,080	67,400
30		1920	312,000	.....	(2)	156,000	126,000	108,200	(2)	.....
31	Average cost per acre when completed	dollars 1940	11.30	6.99	26.92	23.33	12.10	6.66	2.24	11.97
32		1930	16.27	.....	13.33	24.37	11.33	6.32	2.47	.....
33		1920	6.16	.....	(2)	34.37	3.31	4.01	(2)	.....
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	.....	393,000	.....	234,633	428,500	14,720	54,648	22,491
35	Average amount per acre	dollars	.....	6.99	.....	20.22	12.54	5.63	4.28	3.74
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars	12,000	.....	21,000	45,300	.....	.....	3,712	.....
39	Average amount per acre	dollars	20.20	.....	26.92	49.83	.....	.....	6.63	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	1,105,724	.....	.....	40,000	108,600	414,531	17,371	83,000
43	Average amount per acre	dollars	10.67	.....	.....	33.33	10.65	6.70	0.85	29.71
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars	[1] 60,721	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	[1] 6.06	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	[1] 1,523	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	[1] 10,027	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	[1] 0.15	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	23,346	57,300	250	1,396	4,482	9,178	(4)	530
53	Enterprises reporting	number	3	1	1	5	8	4	1	3
54	Land in these enterprises	acres	94,220	56,244	780	12,909	33,506	57,797	(4)	8,352
55	Average cost per acre	dollars	0.25	1.02	0.32	0.11	0.13	0.16	(4)	0.06
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	.....	.....	1	.....	.....	.....
57	Land in these enterprises	acres	.....	.....	.....	.....	(4)	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	34,640	.....	250	(4)	20,573	(4)	(4)	1,208
59	Enterprises reporting	number	4	.....	1	1	6	2	1	3
60	Land in these enterprises	acres	104,247	.....	780	(4)	27,711	(4)	(4)	6,482
61	Average amount collected per acre	dollars	0.33	.....	0.32	(4)	0.74	(4)	(4)	0.19
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	.....	.....	.....	(4)	9,655	(4)	(4)	(4)
63	Enterprises reporting	number	.....	.....	.....	1	6	1	1	1
64	Land in these enterprises	acres	.....	.....	.....	(4)	23,906	(4)	(4)	(4)
65	Portion delinquent in these enterprises	percent	.....	.....	.....	(4)	4.04	(4)	(4)	(4)
66	Total indebtedness, Dec. 31, 1939	dollars	(4)	.....	.....	(4)	270,100	(4)	(4)	(4)
67	Enterprises reporting	number	2	.....	.....	2	9	2	1	2
68	Land in these enterprises	acres	(4)	.....	.....	(4)	40,311	(4)	(4)	(4)
69	Average indebtedness per acre	dollars	(4)	.....	.....	(4)	6.70	(4)	(4)	(4)
70	Indebtedness in arrears, Dec. 31, 1939	dollars	.....	.....	.....	.....	186,765	.....	.....	(4)
71	Enterprises reporting	number	.....	.....	.....	.....	7	.....	.....	2
72	Land in these enterprises	acres	.....	.....	.....	.....	28,906	.....	.....	(4)
73	Average arrearage per acre	dollars	.....	.....	.....	.....	6.46	.....	.....	(4)
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	(4)	(4)	(4)	(4)	.....
75	Enterprises reporting	number	.....	.....	.....	1	1	1	1	.....
76	Land in these enterprises	acres	.....	.....	.....	(4)	(4)	(4)	(4)	.....
77	Average reduction per acre	dollars	.....	.....	.....	(4)	(4)	(4)	(4)	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Data are not available for the county, but are included in State totals.
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1.

DELAWARE

Location of Land in Drainage Enterprises.



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940[1]

ITEM (See definitions in Introduction)	Amount	Percent of land in enterprises	ITEM (See definitions in Introduction)	Amount	Percent of land in enterprises
Approximate land area of State.....acres..	1,265,920	.....	Land in drainage enterprises—Continued		
			In occupied farms.....acres....	394,164	99.8
Land in drainage enterprises.....acres..	395,014	100.0	In planted crops.....acres....	224,551	56.8
Improved.....acres..	264,465	67.0	Idle.....acres....	170,080	43.0
Unimproved:			Available for settlement.....acres....	.....	.....
Timber and cut-over.....acres..	129,654	32.8			
Other.....acres..	895	0.2	Open ditches, completed.....miles....	1,482.3	.....
			Tile drains, completed.....miles....	.....	.....
Drainage sufficient for normal crop.....acres..	295,400	74.8			
Partly drained, for partial crop.....acres..	65,706	16.6	Capital invested in enterprises.....dollars..	454,883	.....
Unfit to raise any crop for lack of drainage..acres..	33,908	8.6	Average per acre.....dollars..	1.15	.....

[1] Delaware was not included in prior censuses of drainage enterprises.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940

SIZE	AREA OF ENTERPRISES[1]		Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]		Land in enterprises[2]
	Amount	Percent of total			Amount	Percent of total	
	Acres	*Percent*	*Acres*		*Acres*	*Percent*	*Acres*
All enterprises.....	853,562	100.0	395,014	1,000 to 1,999 acres.....	183,163	21.5	67,283
				2,000 to 4,999 acres.....	219,882	25.8	108,250
Less than 100 acres.....	1,379	0.2	923	5,000 to 9,999 acres.....	83,616	9.8	58,471
100 to 199 acres.....	8,554	1.0	3,937	10,000 to 19,999 acres.....	135,532	15.9	55,175
200 to 499 acres.....	66,404	7.8	28,726				
500 to 999 acres.....	97,758	11.4	41,909	20,000 to 49,999 acres.....	57,254	6.7	30,340

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	395,014	100.0	454,883	100.0
Drainage districts.....	395,014	100.0	454,883	100.0
Other, or not reported.....	.....	.....	.....	.....

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940

TYPE OF DRAINAGE	Land in enterprises		Capital invested in enterprises	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	395,014	100.0	454,883	100.0
Gravity drainage only by—				
Open ditches.....	395,014	100.0	454,883	100.0
All or part by pumping.....	.....	.....	.....	.....

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises		Capital invested		Area delinquent[1]
	Acres	*Percent*	*Dollars*	*Percent*	*Acres*
All enterprises.....	395,014	100.0	454,883	100.0	1,195
Enterprises in arrears.....	.....	.....	.....	.....	.....
Enterprises not in arrears.....	395,014	100.0	454,883	100.0	1,195
With some delinquent land.....	12,979	3.3	6,130	1.3	1,195
With no delinquent land.....	382,035	96.7	448,753	98.7	.....
Enterprises not reporting on arrearage.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, these areas are too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises.....	395,014	454,883	1,271	.....	.....	1,195	5,028
Enterprises in debt.....	8,468	1,261	1,271	.....	.....	.....	.....
In arrears.....	.....	.....	.....	.....	.....	.....	.....
Not in arrears.....	8,468	1,261	1,271	.....	.....	.....	200
Collecting drainage taxes in 1939.....	1,684	246	46	.....	.....	.....	200
No collections reported.....	6,784	1,015	1,225	.....	.....	.....	.....
Enterprises not in debt.....	386,546	447,622	.....	.....	.....	1,195	4,828
Collecting drainage taxes in 1939.....	33,789	12,697	.....	.....	.....	1,195	4,828
No collections reported.....	352,757	434,925	.....	.....	.....	.....	.....
Enterprises not reporting as to debt.....	.....	6,000	.....	.....	.....	.....	.....
No collections reported.....	.....	6,000	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	395,014	100.0	454,883	100.0
Improvement of land already in farms	393,214	99.5	454,313	99.9
Reclamation of swamp land not previously in farms	1,800	0.5	570	0.1
Removal of alkali or seepage from irrigation	.....	.....	.....	.....

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	395,014	100.0	853,562	458,548	454,883	100.0
Before 1870	38,663	9.8	148,163	109,500	102,139	22.5
1870-1879	11,858	3.0	63,789	51,931	37,811	8.3
1880-1889	19,012	4.8	78,426	59,414	34,053	7.5
1890-1899	28,188	7.1	132,321	104,133	87,416	19.2
1900-1904	22,906	5.8	67,126	44,220	44,256	9.7
1905-1909	60,475	15.3	85,352	24,877	27,470	6.0
1910-1914	19,488	4.9	40,733	21,245	15,202	3.3
1915-1919	19,846	5.0	42,074	22,228	15,207	3.3
1920-1924	32,536	8.2	49,622	17,086	11,398	2.5
1925-1929	27,660	7.0	30,183	2,523	8,282	1.8
1930-1934	16,804	4.3	16,804	.....	7,072	1.6
1935-1939	97,578	24.7	98,969	1,391	64,577	14.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized. [2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	395,014	295,400	74.8	65,706	33,908	264,465	67.0	129,654	895	394,164	99.8	224,551	170,080	.....
Before 1870	38,663	29,735	76.9	5,985	2,943	24,727	64.0	13,936	.....	38,663	100.0	20,645	18,008	.....
1870-1879	11,858	8,534	72.0	2,007	1,317	9,104	76.8	2,754	.....	11,858	100.0	7,047	4,811	.....
1880-1889	19,012	15,507	81.6	2,696	809	13,878	73.0	5,134	.....	19,012	100.0	12,656	6,346	.....
1890-1899	28,188	24,412	86.6	3,160	616	21,851	77.5	6,337	.....	28,188	100.0	19,615	8,573	.....
1900-1904	22,906	18,342	80.1	3,195	1,369	16,974	74.1	5,932	.....	22,906	100.0	13,974	8,932	.....
1905-1909	60,475	48,734	80.6	8,654	3,087	46,554	77.0	13,758	163	59,775	98.8	39,559	20,916	.....
1910-1914	19,488	10,894	55.9	4,088	4,506	11,029	56.6	8,459	.....	19,338	99.2	9,281	10,207	.....
1915-1919	19,846	14,174	71.4	3,272	2,400	11,584	58.4	8,262	.....	19,846	100.0	10,476	9,370	.....
1920-1924	32,536	18,334	56.3	13,498	704	15,338	47.1	16,984	214	32,536	100.0	11,198	21,338	.....
1925-1929	27,660	22,312	80.7	2,568	2,780	15,606	56.4	12,054	.....	27,660	100.0	14,038	13,415	.....
1930-1934	16,804	12,339	73.4	2,728	1,737	9,604	57.2	7,115	85	16,804	100.0	8,107	8,588	.....
1935-1939	97,578	72,083	73.9	13,855	11,640	68,216	69.9	28,929	433	97,578	100.0	57,955	39,576	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	395,014	355,879	29,582	326,297	5,051	0.01	0.17
Gravity drainage only	395,014	355,879	29,582	326,297	5,051	0.01	0.17
Open ditches only	395,014	355,879	29,582	326,297	5,051	0.01	0.17
Pumping for all or part of drainage	.....	.....	.....	.....	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	395,014	100.0	454,883	100.0
Method:				
By district forces	123,279	31.2	106,587	23.4
Work apportioned to landowners	8,339	2.1	4,575	1.0
"None," or not reporting	263,396	66.7	343,721	75.6
Whether systematic:				
Reporting "yes"	102,937	26.0	86,707	19.1
Reporting "no"	289,307	73.2	367,486	80.8
Not reporting	2,770	0.7	690	0.1

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS			AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees				Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*		*Acres*	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	283,669	226,992	961.7	.....	.....	Civilian Conservation Corps	82,713	92,819	231.1	.....	.....
						W.P.A. and C.C.C.	74,802	51,374	184.6	.....	.....
Work Projects Administration	113,104	81,559	526.5	.....	.....	Other kind or combination	13,050	1,240	19.5	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Kent	Sussex
	LAND AREA					
1	Approximate land area	acres	1940	1,265,920	380,800	605,440
2	Drainage enterprises	number	1940	[1] 287	34	253
3	Land in enterprises	acres	1940	395,014	135,949	259,065
4	Area of all enterprises, overlapping included	acres	1940	853,562	280,374	573,188
5	Amount of overlapping	acres	1940	458,548	144,425	314,123
	CONDITION AND USE OF LAND					
6	Land with drainage sufficient for normal crop	acres	1940	295,400	114,632	180,768
7	Land undrained, unfit for any crop	acres	1940	33,908	4,090	29,818
8	Land partly drained, for partial crop	acres	1940	65,706	17,227	48,479
9	Improved land	acres	1940	264,465	99,893	164,572
	Unimproved land:					
10	Woodland and cut-over land	acres	1940	129,654	36,056	93,598
11	Other unimproved land	acres	1940	895	.....	895
12	Land in occupied farms	acres	1940	394,164	135,949	258,215
13	Land in planted crops	acres	1940	224,551	87,495	137,056
14	Land idle	acres	1940	170,080	48,454	121,626
15	Land available for settlement	acres	1940	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940					
16	Land drained by open ditches only	acres		395,014	135,949	259,065
17	Length of these ditches	miles		1,482.3	326.9	1,155.4
18	Part protected by levees of an outside agency	acres		.....	.....	.....
19	Land drained by open ditches and own levees	acres		.....	.....	.....
20	Land drained by tile only	acres		.....	.....	.....
21	Land drained by tile and own levees	acres		.....	.....	.....
22	Land drained by open ditches and tile	acres		.....	.....	.....
23	Land drained by open ditches, tile, and levees	acres		.....	.....	.....
24	Land in enterprises operating pumping plants	acres		.....	.....	.....

[1] No intercounty enterprises were reported. The total number of schedules tabulated was 640.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

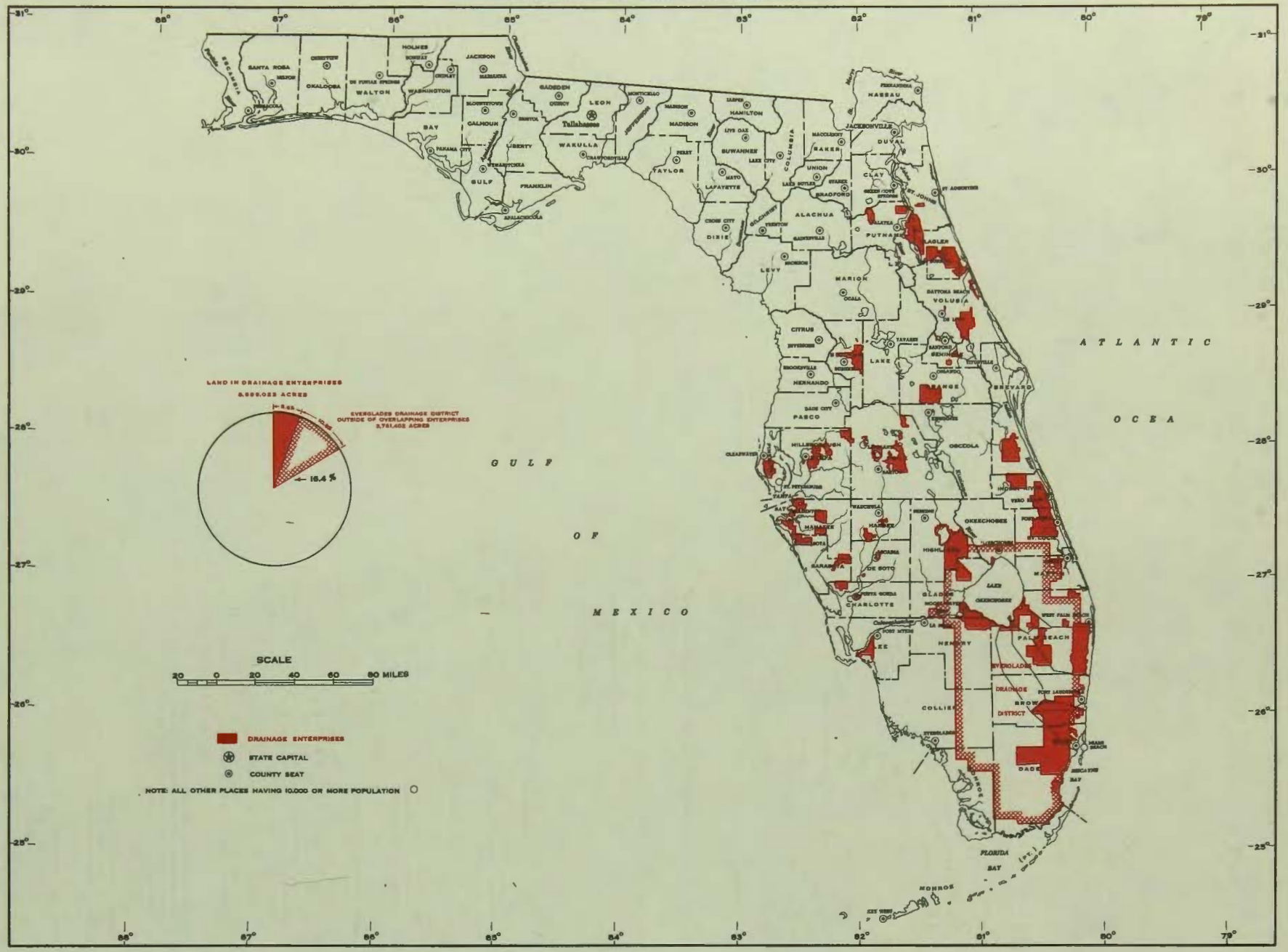
	ITEM (See definitions in Introduction)			THE STATE	Kent	Sussex
	DRAINAGE WORKS					
1	Drainage enterprises	number	1940	[1] 287	34	253
	Open ditches:					
2	Completed	miles	1940	1,482.3	326.9	1,155.4
3	Additional length authorized	miles	1940	2.5	.....	2.5
	Tile drains:					
4	Completed	miles	1940	.....	.....	.....
5	Additional length authorized	miles	1940	.....	.....	.....
	Levees and dikes:					
6	Completed	miles	1940	.....	.....	.....
7	Additional length authorized	miles	1940	.....	.....	.....
	Pumping plants:					
8	Engine capacity	horsepower	1940	.....	.....	.....
9	Pump capacity	gal. per min.	1940	.....	.....	.....
10	Land served by pumps	acres	1940	.....	.....	.....
11	Wells pumped for drainage	number	1940	.....	.....	.....
	CAPITAL INVESTED					
12	Capital invested to January 1	dollars	1940	454,883	251,449	203,434
13	Estimated cost when completed	dollars	1940	454,963	251,449	203,514
14	Average cost per acre when completed	dollars	1940	1.15	1.85	0.78
	Invested in and required for completion, 1940:					
15	Enterprises having open ditches only	dollars		454,963	251,449	203,514
16	Average amount per acre	dollars		1.15	1.85	0.78
17	Enterprises having open ditches and levees	dollars		.....	.....	.....
18	Enterprises having tile only	dollars		.....	.....	.....
19	Enterprises having tile and levees	dollars		.....	.....	.....
20	Enterprises having open ditches and tile	dollars		.....	.....	.....
21	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....
22	Enterprises operating pumping plants	dollars		.....	.....	.....
	MAINTENANCE AND OPERATION					
	Cost of maintenance and operation in 1939:					
23	By enterprises operating pumping plants	dollars		.....	.....	.....
24	By enterprises not operating pumping plants	dollars		5,051	.....	5,051
25	Enterprises reporting	number		20	.....	20
26	Land in these enterprises	acres		29,582	.....	29,582
27	Average cost per acre	dollars		0.17	.....	0.17
	Federal aid in maintenance:					
28	Enterprises reporting	number		205	36	169
29	Land in these enterprises	acres		283,669	116,503	167,166
	FINANCIAL CONDITION					
30	Drainage taxes collected in 1939	dollars		5,028	[2]	[2]
31	Enterprises reporting	number		17	2	15
32	Land in these enterprises	acres		35,473	[2]	[2]
33	Average amount collected per acre	dollars		0.14	[2]	[2]
34	Area delinquent in drainage taxes, Dec. 31, 1939	acres		1,195	[2]	[2]
35	Enterprises reporting	number		3	1	2
36	Land in these enterprises	acres		12,979	[2]	[2]
37	Portion delinquent in these enterprises	percent		9.2	[2]	[2]
38	Total indebtedness, Dec. 31, 1939	dollars		1,271	.....	1,271
39	Enterprises reporting	number		6	.....	6
40	Land in these enterprises	acres		8,468	.....	8,468
41	Average indebtedness per acre	dollars		0.15	.....	0.15
42	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....
43	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....

[1] See footnote 1, County table I.

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

FLORIDA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	34,727,680	35,111,040	35,111,040	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	5,699,022	5,954,934	1,637,073	-255,912	-4.3	4,317,861	263.8
Improved.....acres.....	685,859	783,033	94,589	-97,174	-12.4	688,444	727.8
Unimproved:							
Timber and cut-over.....acres.....	1,196,322	1,839,512	542,648	-643,190	-35.0	1,296,864	239.0
Other.....acres.....	3,816,841	3,332,389	999,836	484,452	14.5	2,332,553	233.3
Drainage sufficient for normal crop.....acres.....	2,056,893	1,967,568	(1)	89,325	4.5	.....	.....
Partly drained, for partial crop.....acres.....	451,372	2,606,783	(1)	-2,155,411	-82.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	3,190,757	1,380,583	[2] 731,691	1,810,174	131.1	648,892	88.7
In occupied farms.....acres.....	614,220	398,200	(1)	216,020	54.2	.....	.....
In planted crops.....acres.....	223,117	216,536	(1)	6,581	3.0	.....	.....
Idle.....acres.....	4,690,711	5,505,445	(1)	-814,734	-14.8	.....	.....
Available for settlement.....acres.....	1,573,706	2,325,423	(1)	-751,717	-32.3	.....	.....
Open ditches, completed.....miles.....	5,022.1	5,112.6	1,990.8	-90.5	-1.8	3,121.8	156.8
Tile drains, completed.....miles.....	.....	.....	.....	.....	.....	.....	.....
Drainage pumping plants, capacity.....horsepower....	7,204	5,065	120	2,139	42.2	4,945	[3]
gal. per min..	3,394,600	1,980,799	39,000	1,413,801	71.4	1,941,799	[3]
Capital invested in enterprises.....dollars.....	43,356,692	45,487,795	13,846,807	-2,131,103	-4.7	31,640,988	228.5
Average per acre.....dollars.....	7.61	7.64	8.46	-0.03	-0.4	-0.82	-9.7

[1] Not available. [2] Reported as "Swampy or subject to overflow." [3] Percent not shown when more than 1,000.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	6,463,446	7,373,627	1,759,941	5,699,022	10,000 to 19,999 acres.....	319,224	1,017,982	694,045	319,224
					20,000 to 49,999 acres.....	530,097			530,097
200 to 499 acres.....	1,505	824	.....	1,505	50,000 to 99,999 acres.....	709,654	732,477	604,913	638,074
500 to 999 acres.....	2,510	2,980	3,370	2,510					
1,000 to 1,999 acres.....	20,060	101,486	63,157	18,973	100,000 to 199,999 acres.....	482,958	5,330,327	280,000	482,958
2,000 to 4,999 acres.....	73,882			70,242	200,000 to 499,999 acres.....	1,258,908			1,138,998
5,000 to 9,999 acres.....	156,326	187,251	114,456	156,326	500,000 acres and over.....	2,908,322			2,340,115

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	5,699,022	100.0	43,356,692	100.0
Drainage districts.....	5,676,382	99.6	43,006,106	99.2
Commercial developments—incorporated.....	4,140	0.1	81,046	0.2
Individually owned projects.....	18,500	0.3	269,540	0.6

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	5,699,022	100.0	5,954,934	100.0	1,637,073	100.0	43,356,692	100.0	45,487,795	100.0	13,846,807	100.0
Gravity drainage only by—												
Open ditches.....	5,418,629	95.1	5,452,246	91.6	1,631,073	99.6	36,532,018	84.2	41,124,738	90.4	13,763,307	99.4
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains..	.....	.....	.....	.....			.....	.....	.....	.....		
All drained by pumping by—												
Open ditches.....	115,400	2.0	59,652	1.0	3,000	0.2	3,103,882	7.2	1,300,108	2.9	38,500	0.3
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	164,993	2.9	443,036	7.4	3,000	0.2	3,720,792	8.6	3,062,949	6.7	45,000	0.3
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	.....	.....					.....	.....				
Total area served by pumps.....	185,693	3.2	129,872	2.2	4,500	0.3	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	14	7,204	100.0	3,394,600	185,693
	1930	12	5,065	100.0	1,980,799	139,872
	1920	2	120	100.0	39,000	4,500
Electric	1940	.....	.....	.....	.....	.....
	1930	3	275	5.4	118,300	11,525
	1920	.....	.....	.....	.....	.....
Internal combustion	1940	10	6,420	89.1	3,169,600	172,194
	1930	9	4,790	94.6	1,862,499	118,347
	1920	1	45	37.5	1,000	1,500
Steam and internal combustion	1940	.....	.....	.....	.....	.....
	1930	.....	.....	.....	.....	.....
	1920	1	75	62.5	38,000	3,000
Electric and internal combustion	1940	4	784	10.9	225,000	13,499
	1930	.....	.....	.....	.....	.....
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	68	3,394,600	100.0	7,204	185,693
	1930	37	1,980,799	100.0	5,065	129,872
Centrifugal	1940	17	1,586,000	46.7	1,542	27,158
	1930	17	450,799	22.8	1,110	40,119
Rotary	1940	.....	.....	.....	.....	.....
	1930	7	385,000	19.4	1,095	23,558
Screw	1940	20	1,228,000	36.2	3,580	71,714
	1930	13	1,145,000	57.8	2,860	66,195
Centrifugal and screw	1940	10	246,000	7.2	672	11,863
	1930	.....	.....	.....	.....	.....
Other or not identified	1940	21	334,600	9.9	1,410	74,958
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	5,699,022	100.0	5,954,934	100.0	43,356,692	100.0	45,487,795	100.0	5,206,344	3,044,462
Enterprises in arrears	4,696,094	82.4	1,240,168	20.8	27,658,828	63.8	17,563,684	38.6	4,739,808	888,060
With some delinquent land	4,692,130	82.3	1,227,046	20.6	27,614,288	63.7	17,432,335	38.3	4,739,808	888,060
With no delinquent land	3,964	0.1	8,642	0.1	44,540	0.1	116,349	0.3	.....	.....
With no report on delinquency	.....	.....	4,480	0.1	.....	.....	15,000	(2)	.....	.....
Enterprises not in arrears	1,002,928	17.6	4,714,766	79.2	15,697,864	36.2	27,924,111	61.4	466,536	2,156,402
With some delinquent land	764,931	13.4	4,436,657	74.5	14,282,441	32.9	24,361,900	53.6	466,536	2,156,402
With no delinquent land	237,997	4.2	272,323	4.6	1,415,423	3.3	3,453,001	7.6	.....	.....
With no report on delinquency	.....	.....	5,786	0.1	.....	.....	109,210	0.2	.....	.....

[1] The acreage delinquent includes duplication as a result of the same land being reported delinquent in 2 or more overlapping enterprises.
[2] Less than one-tenth of 1 percent.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	5,699,022	43,356,692	32,295,849	20,211,153	9,418,634	5,206,344	723,783
Enterprises in debt	5,422,547	41,748,660	32,295,849	20,211,153	9,306,634	5,167,518	701,152
In arrears, amount of arrearage stated	4,696,094	27,658,828	28,469,140	20,211,153	270,433	4,739,808	247,962
Collecting drainage taxes in 1939	4,104,425	25,775,654	25,562,395	17,751,247	270,433	4,157,236	247,962
No collections reported	591,669	1,883,174	2,906,745	2,459,906	.....	582,572	.....
Not in arrears	726,453	14,089,832	3,826,709	.....	9,036,201	427,710	453,190
Collecting drainage taxes in 1939	700,953	13,754,832	3,561,959	.....	8,939,201	427,710	453,190
No collections reported	25,500	335,000	264,750	.....	97,000	.....	.....
Enterprises not in debt	276,475	1,608,032	.....	.....	112,000	38,826	22,631
Collecting drainage taxes in 1939	52,598	564,202	.....	.....	.....	21,957	22,631
No collections reported	223,877	1,043,830	.....	.....	112,000	16,869	.....

[1] The acreage delinquent includes duplication as a result of the same land being reported delinquent in 2 or more overlapping enterprises.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	5,699,022	100.0	43,356,692	100.0
Reclamation of swamp land not previously in farms	5,508,074	96.6	41,756,819	96.3
Protection against overflow	190,948	3.4	1,599,873	3.7

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	5,699,022	100.0	6,463,446	764,424	43,356,692	100.0
1900-1904	1,968	(3)	3,055	1,087	30,655	0.1
1905-1909	1,912	(3)	1,912	.....	52,352	0.1
1910-1914	3,966,610	69.6	4,726,307	759,697	19,002,351	43.8
1915-1919	856,281	15.0	856,281	.....	13,050,756	30.1
1920-1924	512,982	9.0	516,622	3,640	7,633,381	17.6
1925-1929	339,133	6.0	339,133	.....	3,282,127	7.6
1930-1934	17,000	0.3	17,000	.....	250,000	0.6
1935-1939	3,136	0.1	3,136	.....	55,070	0.1

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	5,699,022	2,056,893	36.1	451,372	3,190,757	685,359	12.0	1,196,322	3,816,841	614,220	10.8	223,117	4,690,711	1,573,706
1900-1904	1,968	1,968	100.0	.....	.....	1,180	60.0	450	338	906	46.0	620	788	788
1905-1909	1,912	1,912	100.0	.....	.....	365	19.1	740	807	276	14.4	175	1,547	1,547
1910-1914	3,966,610	671,603	16.9	268,972	3,026,035	282,675	7.1	656,871	3,027,064	240,998	6.1	72,882	3,503,409	561,438
1915-1919	856,281	765,888	89.4	25,085	65,308	214,477	25.0	328,159	313,645	154,383	18.0	90,059	611,851	544,697
1920-1924	512,982	392,533	76.5	52,330	68,119	125,843	24.5	99,893	287,246	133,207	26.0	40,580	325,568	255,969
1925-1929	339,133	213,853	63.0	95,985	29,295	52,183	15.4	110,209	176,741	75,275	22.2	12,990	238,048	209,267
1930-1934	17,000	6,000	35.3	9,000	2,000	6,000	35.3	.....	11,000	6,470	38.0	3,816	9,500	.....
1935-1939	3,136	3,136	100.0	.....	.....	3,136	100.0	.....	.....	2,705	86.2	1,995	.....	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	5,699,022	5,687,982	5,283,545	404,437	439,497	0.08	0.08
Gravity drainage only	5,418,529	5,407,589	5,003,152	404,437	202,874	0.04	0.04
Open ditches only	3,144,178	3,135,758	2,764,862	370,896	88,981	0.03	0.03
Open ditches and levees	2,274,451	2,271,831	2,238,290	33,541	113,893	0.05	0.05
Pumping for all or part of drainage	280,393	280,393	280,393	.....	236,623	0.84	0.84
All drainage by pumping	115,400	115,400	115,400	.....	157,073	1.36	1.36
Part pumping and part gravity	164,993	164,993	164,993	.....	79,550	0.48	0.48

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	5,699,022	100.0	43,356,692	100.0
Method:				
By district forces	925,791	16.2	17,212,508	39.7
By contract	73,224	1.3	1,096,006	2.5
Work apportioned to landowners	15,038	0.3	157,000	0.4
"None," or not reporting	4,684,969	82.2	24,891,178	57.4
Whether systematic:				
Reporting "yes"	947,329	16.6	17,078,610	39.4
Reporting "no"	4,751,693	83.4	26,278,082	60.6

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	5,699,022	1,498,006	26.3
Capital invested.....dollars..	43,353,692	23,287,926	53.7
Drainage works:			
Open ditches.....miles....	5,022.1	1,969.5	39.2
Tile drains.....miles....	.....	.....	.....
Levees.....miles....	470.6	159.5	33.9

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS	
			Ditches	Levees
	Acres	*Dollars*	*Miles*	*Miles*
All enterprises reporting Federal aid received.....	1,183,258	3,530,218	543.2	33.0
Work Projects Administration.....	89,585	825,084	330.2	5.0
Other kind or combination.....	894,373	2,424,877	188.0	28.0
No report.....	199,300	280,257	25.0	.....

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	5,699,022	[1] 2,223,800	39.0
Capital invested.....dollars..	43,353,692	12,997,308	30.0
Drainage works:			
Open ditches.....miles....	5,022.1	1,468.6	29.2
Tile drains.....miles....	.....	.....	.....
Levees.....miles....	470.6	225.0	47.8

[1] The land actually dependent upon outside agencies for protection is 1,947,969 acres, which is 87.5 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Brevard[1]	Broward	Dade	De Soto[2]	Flagler	Glades[3]
	LAND AREA							
1	Approximate land area.....acres....1940..	34,727,680	660,480	779,520	1,314,560	414,720	309,120	477,440
2	Drainage enterprises.....number...1940..	[4] 126	2	7	9	3	5	5
3	Land in enterprises.....acres....1940..	5,699,022	65,908	714,602	1,147,202	9,338	119,441	292,488
4	1930..	5,954,934	127,945	739,469	1,110,296	11,770	126,182	299,366
5	1920..	1,637,073	17,000	162,250	199,300	165,640	76,313	.....
6	Area of all enterprises, overlapping included.....acres....1940..	6,463,446	65,908	852,892	1,409,692	9,338	119,441	360,023
7	Amount of overlapping.....acres....1940..	764,424	.....	138,290	262,490	.....	.....	67,535
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	2,056,893	64,708	166,669	312,339	9,338	106,493	202,488
9	1930..	1,967,568	65,679	211,295	232,337	9,770	73,880	96,000
10	Increase or decrease (-), 1930-1940.....acres.....	89,325	-971	-44,626	80,002	-432	32,613	106,488
11	percent.....	4.5	-1.5	-21.1	34.4	-4.4	44.1	110.9
12	Land undrained, unfit for any crop.....acres....1940..	3,190,757	1,200	441,282	696,867	.....	12,703	90,000
13	1930..	1,380,583	52,116	124,770	345,600	2,000	23,796	31,960
14	Increase or decrease (-), 1930-1940.....acres.....	1,810,174	-50,916	316,512	351,267	-2,000	-11,093	58,040
15	percent.....	131.1	-97.7	253.7	101.6	-100.0	-46.6	181.6
16	Land partly drained, for partial crop.....acres....1940..	451,372	.....	106,651	137,996	.....	245	.....
17	1930..	2,606,783	10,150	403,404	532,359	.....	28,506	171,406
18	Increase or decrease (-), 1930-1940.....acres.....	-2,155,411	-10,150	-296,753	-394,363	.....	-28,261	-171,406
19	percent.....	-82.7	-100.0	-73.6	-74.1	.....	-99.1	-100.0
20	Improved land.....acres....1940..	685,859	10,204	146,398	160,804	2,850	11,560	9,750
21	1930..	783,033	15,500	112,305	102,571	2,340	9,600	86,550
22	1920..	94,589	200	[5] 4,792	8,048	12,541	[5] 2,026	.....
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	1,196,322	36,500	1,364	2,452	1,910	92,062	70,880
24	1930..	1,839,512	44,824	41,000	185,000	8,450	79,806	97,660
25	1920..	542,648	4,000	18,810	6,000	34,146	63,221	.....
26	Other unimproved land.....acres....1940..	3,816,841	19,204	566,840	983,946	4,578	15,819	211,858
27	1930..	3,332,389	67,621	586,164	822,725	980	36,776	115,156
28	1920..	999,836	12,800	138,648	185,252	118,953	11,066	.....
29	Land in occupied farms.....acres....1940..	614,220	7,200	71,100	70,500	2,415	11,560	136,040
30	1930..	398,200	1,375	38,535	28,500	2,040	9,600	35,335
31	Increase or decrease (-), 1930-1940.....acres.....	216,020	5,825	32,565	42,000	375	1,960	100,705
32	percent.....	54.2	423.6	84.5	147.4	18.4	20.4	285.0
33	Land in planted crops.....acres....1940..	223,117	6,100	27,000	37,500	2,290	3,900	2,150
34	1930..	216,536	1,150	19,510	13,600	1,220	8,700	14,565
35	Increase or decrease (-), 1930-1940.....acres.....	6,581	4,950	7,490	23,900	1,070	-4,800	-12,415
36	percent.....	3.0	430.4	38.4	175.7	87.7	-55.2	-85.2
37	Land idle.....acres....1940..	4,690,711	55,704	566,674	955,310	6,488	107,881	155,348
38	1930..	5,505,445	111,685	706,027	1,075,014	9,730	113,582	280,906
39	Increase or decrease (-), 1930-1940.....acres.....	-814,734	-55,981	-139,353	-119,704	-3,242	-5,701	-125,558
40	percent.....	-14.8	-50.1	-19.7	-11.1	-33.3	-5.0	-44.7
41	Land available for settlement.....acres....1940..	1,573,706	54,504	45,110	249,978	6,488	93,422	155,348
42	1930..	2,325,423	73,479	183,820	205,429	7,300	64,280	67,350
43	Increase or decrease (-), 1930-1940.....acres.....	-751,717	-18,975	-138,710	44,549	-812	29,142	87,998
44	percent.....	-32.3	-25.8	-75.4	21.7	-11.1	45.3	130.6
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	3,144,178	.....	632,472	896,682	9,338	60,729	39,040
46	Length of these ditches.....miles.....	1,827.0	.....	240.0	111.4	18.8	62.1	8.0
47	Part protected by levees of an outside agency.....acres.....	655,365	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	2,274,451	65,908	82,130	233,520	.....	58,712	233,209
49	Length of these ditches.....miles.....	1,949.1	221.0	40.0	195.0	.....	81.0	72.0
50	Length of these levees.....miles.....	282.6	19.0	9.0	11.0	.....	7.5	29.0
51	Part protected by levees of an outside agency.....acres.....	1,178,342	1,800	16,640	40,000	.....	.....	231,489
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[6].....acres.....	280,393	.....	.....	17,000	.....	.....	20,239
69	Length of open ditches owned by these enterprises..miles.....	1,246.0	.....	.....	150.0	.....	.....	65.0
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	188.0	.....	.....	2.0	.....	.....	12.0
72	Part protected by levees of an outside agency.....acres.....	114,262	.....	.....	.....	.....	.....	20,239

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Parts taken to form Charlotte, Glades, Hardee, and Highlands in 1921. [3] Organized from part of De Soto in 1921. [4] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 101. [5] Estimated total for county. [6] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Hendry[1]	Highlands[2]	Hillsborough	Indian River[3]	Manatee[4]	Palm Beach[5]	Pinellas[6]	Polk
	LAND AREA								
1	Approximate land area....acres....1940..	759,680	666,240	665,600	327,040	448,640	1,265,920	168,960	1,191,040
2	Drainage enterprises....number...1940..	5	3	5	3	19	13	2	7
3	Land in enterprises....acres....1940..	419,840	144,965	56,334	105,545	82,283	1,129,323	27,201	82,133
4	1930..	425,044	135,242	52,700	95,770	81,899	1,140,373	[7]	76,940
5	1920..	.....	.....	.....	.....	60,250	448,786	32,900	56,400
6	Area of all enterprises, overlapping included....acres....1940..	470,535	214,085	56,334	105,545	83,370	1,296,750	27,201	82,133
7	Amount of overlapping....acres....1940..	50,695	69,120	.....	.....	1,087	167,427	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop....acres....1940..	94,235	30,540	55,296	90,545	82,283	207,329	25,336	78,021
9	1930..	64,000	32,000	43,000	72,385	48,999	427,100	[7]	14,170
10	Increase or decrease (-), 1930-1940....acres....	30,235	-1,460	12,296	18,160	33,284	-219,771	.....	63,851
11	percent....	47.2	-4.6	28.6	25.1	67.9	-51.4	.....	450.6
12	Land undrained, unfit for any crop....acres....1940..	325,605	.....	1,038	15,000	.....	910,664	1,865	4,112
13	1930..	118,000	70,000	5,131	23,385	32,900	115,200	[7]	56,270
14	Increase or decrease (-), 1930-1940....acres....	207,605	-70,000	-4,093	-8,385	-32,900	795,464	.....	-52,158
15	percent....	175.9	-100.0	-79.8	-35.8	-100.0	690.5	.....	-92.7
16	Land partly drained, for partial crop....acres....1940..	.....	114,425	.....	.....	.....	11,330	.....	.....
17	1930..	243,044	33,242	4,569	.....	.....	598,073	[7]	6,500
18	Increase or decrease (-), 1930-1940....acres....	-243,044	81,183	-4,569	.....	.....	-586,743	.....	-6,500
19	percent....	-100.0	244.2	-100.0	.....	.....	-98.1	.....	-100.0
20	Improved land....acres....1940..	63,479	2,400	13,466	19,211	8,550	87,547	5,783	18,063
21	1930..	18,000	10,000	18,169	9,350	21,765	175,000	[7]	18,510
22	1920..	.....	.....	.....	.....	10,204	[8] 7,658	2,598	7,800
	Unimproved land:								
23	Woodland and cut-over land....acres....1940..	175,393	27,500	11,650	16,000	48,715	267,591	17,563	17,000
24	1930..	200,000	41,250	24,400	44,500	47,275	230,350	[7]	7,960
25	1920..	.....	.....	.....	.....	23,336	122,570	23,450	21,700
26	Other unimproved land....acres....1940..	180,968	115,065	31,218	70,334	25,018	774,185	3,855	47,070
27	1930..	207,044	83,992	10,131	41,920	12,859	735,023	[7]	50,470
28	1920..	.....	.....	.....	.....	26,710	318,558	6,852	26,900
29	Land in occupied farms....acres....1940..	16,514	82,040	6,950	16,450	7,565	79,042	5,383	3,959
30	1930..	26,000	10,000	17,769	8,350	19,525	58,900	[7]	4,280
31	Increase or decrease (-), 1930-1940....acres....	-9,486	72,040	-10,819	8,100	-11,960	20,142	.....	-321
32	percent....	-36.5	720.4	-60.9	97.0	-61.2	34.2	.....	-7.5
33	Land in planted crops....acres....1940..	16,514	1,200	6,370	13,706	6,999	37,700	3,536	3,565
34	1930..	11,000	5,000	16,200	7,800	16,045	29,375	[7]	3,810
35	Increase or decrease (-), 1930-1940....acres....	5,514	-3,800	-9,830	5,906	-9,046	8,325	.....	-245
36	percent....	50.1	-76.0	-60.7	75.7	-56.4	28.3	.....	-6.4
37	Land idle....acres....1940..	325,410	62,925	42,978	84,334	74,233	1,031,890	21,418	64,070
38	1930..	404,604	128,322	20,131	87,420	60,604	1,061,852	[7]	70,335
39	Increase or decrease (-), 1930-1940....acres....	-79,194	-65,397	22,847	-3,086	13,629	-29,962	.....	-6,265
40	percent....	-19.6	-51.0	113.5	-3.5	22.5	-2.8	.....	-8.9
41	Land available for settlement....acres....1940..	80,553	62,925	41,358	69,334	76,733	130,313	19,553	60,658
42	1930..	284,044	22,000	29,800	64,650	59,110	352,600	[7]	16,410
43	Increase or decrease (-), 1930-1940....acres....	-203,491	40,925	11,558	4,684	17,623	-222,287	.....	44,248
44	percent....	-71.6	186.0	38.8	7.2	29.8	-63.0	.....	269.6
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only....acres....	369,995	144,965	56,334	.....	82,283	18,980	27,201	78,933
46	Length of these ditches....miles....	10.0	36.0	182.1	.....	242.5	93.0	197.0	111.9
47	Part protected by levees of an outside agency....acres....	369,145	.....	.....	.....	.....	8,420	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	105,545	.....	917,034	.....	3,200
49	Length of these ditches....miles....	.....	.....	.....	466.0	.....	269.0	.....	15.0
50	Length of these levees....miles....	.....	.....	.....	74.0	.....	71.0	.....	1.0
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	885,953	.....	.....
52	Land drained by tile only....acres....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[9]....acres....	49,845	.....	.....	.....	.....	193,309	.....	.....
69	Length of open ditches owned by these enterprises..miles....	171.0	.....	.....	.....	.....	860.0	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	47.0	.....	.....	.....	.....	127.0	.....	.....
72	Part protected by levees of an outside agency....acres....	7,885	.....	.....	.....	.....	86,138	.....	.....

[1] Organized from part of Lee in 1923. [2] Organized from part of De Soto in 1921. [3] Organized from part of St. Lucie in 1925. [4] Part taken to form Sarasota in 1921. [5] Part taken to form part of Martin in 1925. [6] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [7] Included in "Other counties." [8] Estimated total for county. [9] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Putnam	St. Lucie[1]	Sarasota[2]	Seminole	Sumter[3]	Volusia	Other counties[4]
	LAND AREA								
1	Approximate land area	acres 1940	513,920	376,320	375,040	205,440	359,040	713,600	5,764,480
2	Drainage enterprises	number 1940	5	3	4	4	2	5	15
3	Land in enterprises	acres 1940	57,293	165,211	45,810	13,140	48,632	76,476	895,857
4		1930	46,065	167,188	48,941	13,139	[5]	78,720	1,177,885
5		1920	34,000	115,645	.....	6,972	[5]	48,937	212,680
6	Area of all enterprises, overlapping included	acres 1940	57,293	165,211	49,450	13,140	48,632	76,476	899,997
7	Amount of overlapping	acres 1940	.....	.....	3,640	.....	.....	.....	4,140
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres 1940	51,323	118,862	35,810	10,140	48,632	72,433	194,073
9		1930	35,269	97,705	48,941	8,853	[5]	75,612	310,573
10	Increase or decrease (-), 1930-1940	acres	16,054	21,157	-13,131	1,287	.....	-3,179	-116,500
11		percent	45.5	21.6	-26.8	14.5	.....	-4.2	-37.5
12	Land undrained, unfit for any crop	acres 1940	5,970	46,349	10,000	3,000	.....	4,043	621,059
13		1930	5,468	18,000	.....	650	[5]	1,845	353,492
14	Increase or decrease (-), 1930-1940	acres	502	28,349	10,000	2,350	.....	2,198	267,567
15		percent	9.2	157.5	.....	361.5	.....	119.1	75.7
16	Land partly drained, for partial crop	acres 1940	.....	.....	.....	.....	.....	.....	80,725
17		1930	5,328	51,483	.....	3,636	[5]	1,263	513,820
18	Increase or decrease (-), 1930-1940	acres	-5,328	-51,483	.....	-3,636	.....	-1,263	-433,095
19		percent	-100.0	-100.0	.....	-100.0	.....	-100.0	-84.3
20	Improved land	acres 1940	11,150	30,392	4,587	3,185	7,310	9,415	59,755
21		1930	17,300	15,000	8,800	1,500	[5]	8,673	132,100
22		1920	7,700	[6] 9,347	.....	405	[5]	673	20,597
	Unimproved land:								
23	Woodland and cut-over land	acres 1940	29,973	116,672	17,250	4,054	32,000	28,610	181,183
24		1930	24,971	81,000	33,061	11,539	[5]	67,527	568,939
25		1920	16,600	53,540	.....	6,511	[5]	25,230	123,534
26	Other unimproved land	acres 1940	16,170	18,147	23,973	5,901	9,322	38,451	654,919
27		1930	3,794	71,188	7,080	100	[5]	2,520	476,846
28		1920	9,700	52,758	.....	56	[5]	23,034	68,549
29	Land in occupied farms	acres 1940	6,800	26,760	3,035	2,990	5,475	3,352	49,090
30		1930	11,500	15,000	6,800	1,500	[5]	8,050	95,141
31	Increase or decrease (-), 1930-1940	acres	-4,700	11,760	-3,765	1,490	.....	-4,698	-46,051
32		percent	-40.9	78.4	-55.4	99.3	.....	-58.4	-48.4
33	Land in planted crops	acres 1940	6,240	16,900	2,780	2,775	5,200	2,962	17,730
34		1930	7,000	3,500	6,300	1,460	[5]	6,700	43,601
35	Increase or decrease (-), 1930-1940	acres	-760	13,400	-3,520	1,315	.....	-3,738	-25,871
36		percent	-10.8	382.8	-55.9	90.1	.....	-55.8	-59.3
37	Land idle	acres 1940	46,143	134,818	41,223	9,955	41,322	67,061	795,526
38		1930	38,765	129,566	41,801	11,639	[5]	66,942	1,086,520
39	Increase or decrease (-), 1930-1940	acres	7,378	5,252	-578	-1,684	.....	119	-290,994
40		percent	19.0	4.0	-1.4	-14.5	.....	0.2	-26.8
41	Land available for settlement	acres 1940	37,173	88,469	31,223	6,955	41,322	61,089	161,198
42		1930	26,950	79,118	41,518	8,286	[5]	69,000	670,279
43	Increase or decrease (-), 1930-1940	acres	10,223	9,351	-10,295	-1,331	.....	-7,911	-509,081
44		percent	37.9	11.8	-24.8	-16.1	.....	-11.5	-76.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres	57,293	.....	20,591	13,140	24,072	76,476	535,654
46	Length of these ditches	miles	87.0	.....	30.5	51.9	13.5	72.8	258.5
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	277,800
48	Land drained by open ditches and own levees	acres	.....	165,211	25,219	.....	24,560	.....	360,203
49	Length of these ditches	miles	.....	393.1	85.0	.....	45.0	.....	67.0
50	Length of these levees	miles	.....	45.6	7.0	.....	0.5	.....	8.0
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	2,460
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....

[1] Parts taken to form Indian River and part of Martin in 1925. [2] Organized from part of Manatee in 1921. [3] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [4] Includes Charlotte, Collier, Hardee, Lake, Lee, Martin, Monroe, Okeechobee, Orange, and St. Johns Counties in 1940; Alachua, Charlotte, Collier, Duval, Hardee, Lake, Lee, Marion, Martin, Monroe, Nassau, Okeechobee, Orange, Pinellas, St. Johns, and Sumter Counties in 1930; and Bradford, Duval, Lake, Lee, Marion, Nassau, Okeechobee, Orange, St. Johns, Santa Rosa, and Sumter Counties in 1920. [5] Included in "Other counties." [6] Estimated total for county.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Brevard[1]	Broward	Dade	De Soto[2]	Flagler	Glades[3]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[4] 126	2	7	9	3	5	5
	Open ditches:							
2	Completed.....miles.....1940..	5,022.1	221.0	280.0	456.4	18.8	143.1	145.0
3	1930..	5,112.6	378.0	334.9	330.3	23.0	163.7	203.4
4	1920..	1,990.8	116.5	173.3	77.2	210.3	62.6	.....
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	470.6	19.0	9.0	13.0	.....	7.5	41.0
11	1930..	718.4	22.0	84.6	123.0	.....	.....	33.8
12	1920..	66.2	.....	10.5	.....	1.8	6.0	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	7,204	.....	.....	1,200	.....	.....	360
15	1930..	5,065	.....	.....	.....	.....	.....	475
16	1920..	120	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	3,394,600	.....	.....	1,500,000	.....	.....	130,000
18	1930..	1,980,799	.....	.....	.....	.....	.....	320,000
19	1920..	39,000	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	185,693	.....	.....	17,000	.....	.....	20,239
21	1930..	129,872	.....	.....	.....	.....	.....	23,768
22	1920..	4,500	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	43,356,692	1,944,256	2,143,527	13,851,987	39,435	887,859	1,235,215
26	1930..	45,487,795	2,864,526	5,444,886	3,143,432	43,800	886,588	1,772,109
27	1920..	13,846,807	585,000	1,689,945	710,894	1,030,110	277,590	.....
28	Estimated cost when completed.....dollars.....1940..	43,356,692	1,944,256	2,143,527	13,851,987	39,435	887,859	1,235,215
29	1930..	48,407,539	3,367,470	5,474,886	4,036,232	43,800	886,588	1,792,109
30	1920..	26,762,497	585,000	3,634,992	4,060,562	1,204,550	382,650	.....
31	Average cost per acre when completed.....dollars.....1940..	7.61	29.50	3.00	12.07	4.22	7.43	4.22
32	1930..	8.13	26.32	7.40	3.64	3.72	7.03	5.99
33	1920..	16.35	34.41	22.40	20.37	7.27	5.01	.....
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	22,571,481	.....	1,759,380	12,239,491	39,435	371,644	105,089
35	Average amount per acre.....dollars..	7.18	.....	2.78	13.65	4.22	6.12	2.69
36	Enterprises having open ditches and levees.....dollars..	13,960,537	1,944,256	384,147	1,362,496	.....	516,215	702,926
37	Average amount per acre.....dollars..	6.14	29.50	4.68	5.83	.....	8.79	3.01
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[5].....dollars..	6,824,674	.....	.....	250,000	.....	.....	427,200
47	Average amount per acre.....dollars..	24.34	.....	.....	14.70	.....	.....	21.11
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	236,623	.....	.....	([6])	.....	.....	([6])
49	Enterprises reporting.....number...	14	.....	.....	1	.....	.....	1
50	Land in these enterprises.....acres....	280,393	.....	.....	([6])	.....	.....	([6])
51	Average cost per acre.....dollars..	0.84	.....	.....	([6])	.....	.....	([6])
52	By enterprises not operating pumping plants.....dollars..	202,874	11,166	17,527	48,355	.....	3,984	2,055
53	Enterprises reporting.....number...	78	2	5	6	.....	4	3
54	Land in these enterprises.....acres....	5,003,152	65,908	697,482	1,120,062	.....	114,935	233,209
55	Average cost per acre.....dollars..	0.04	0.17	0.02	0.04	.....	0.03	0.01
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	11	.....	.....	1	.....	.....	.....
57	Land in these enterprises.....acres....	1,183,258	.....	.....	([7])	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	723,783	12,529	27,788	117,654	([7])	13,815	39,807
59	Enterprises reporting.....number...	96	2	6	7	1	5	4
60	Land in these enterprises.....acres....	4,857,976	65,908	699,882	986,202	([7])	119,441	253,448
61	Average amount collected per acre.....dollars..	0.15	0.19	0.04	0.12	([7])	0.12	0.16
62	Area delinquent in drainage taxes, Dec. 31, 1939[8].....acres....	5,206,344	52,120	792,698	909,576	([7])	99,183	339,506
63	Enterprises reporting.....number...	109	2	7	7	2	5	5
64	Land in these enterprises.....acres....	5,457,061	65,908	714,602	988,202	([7])	119,441	292,488
65	Portion delinquent in these enterprises.....percent..	95.4	79.1	110.9	92.0	([7])	83.0	116.1
66	Total indebtedness, Dec. 31, 1939.....dollars..	32,295,849	529,440	1,740,929	12,184,749	([7])	878,977	1,250,743
67	Enterprises reporting.....number...	94	2	5	7	2	5	5
68	Land in these enterprises.....acres....	5,422,547	65,908	697,482	1,001,862	([7])	119,441	292,488
69	Average indebtedness per acre.....dollars..	5.96	8.03	2.50	12.16	([7])	7.36	4.28
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	20,211,153	175,440	1,174,460	8,672,844	([7])	663,624	804,697
71	Enterprises reporting.....number...	64	1	3	3	1	4	4
72	Land in these enterprises.....acres....	4,696,094	5,920	610,232	883,670	([7])	94,710	290,768
73	Average arrearage per acre.....dollars..	4.30	29.64	1.92	9.81	([7])	7.01	2.77
74	Reduction of debt by refinancing, prior to 1940.....dollars..	9,418,634	2,200,000	330,832	449,812	.....	([7])	([7])
75	Enterprises reporting.....number...	29	1	3	3	.....	1	1
76	Land in these enterprises.....acres....	713,478	59,988	91,810	101,192	.....	([7])	([7])
77	Average reduction per acre.....dollars..	13.20	36.67	3.60	4.44	.....	([7])	([7])

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Parts taken to form Charlotte, Glades, Hardee, and Highlands in 1921. [3] Organized from part of De Soto in 1921. [4] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 101. [5] Data in lines 46 and 47 are not included in lines 34 to 45. [6] One enterprise in Dade and Glades Counties included in data for Palm Beach County to avoid disclosure of individual operations. [7] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnotes 1 and 6. [8] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Hendry[1]	Highlands[2]	Hillsborough	Indian River[3]	Manatee[4]	Palm Beach[5]	Pinellas[6]	Polk
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	5	3	5	3	19	13	2	7
	Open ditches:									
2	Completed	miles 1940	181.0	36.0	182.1	466.0	242.5	1,222.0	197.0	126.9
3		1930	199.0	18.8	181.0	381.0	230.0	1,115.8	(7)	75.9
4		1920	.....	.....	.....	.....	55.5	266.1	148.0	167.0
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
7		1930	.....	.....	.....	.....	.....	.....	.....	.....
8		1920	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	47.0	.....	.....	74.0	.....	198.0	.....	1.0
11		1930	42.5	.....	0.1	45.0	.....	239.9	(7)	1.0
12		1920	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	892	.....	.....	.....	.....	4,752	.....	.....
15		1930	340	.....	.....	.....	.....	3,810	(7)	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	320,000	.....	.....	.....	.....	1,444,600	.....	.....
18		1930	240,000	.....	.....	.....	.....	1,374,133	(7)	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	18,178	.....	.....	.....	.....	130,276	.....	.....
21		1930	30,380	.....	.....	.....	.....	72,204	(7)	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	1,456,449	328,515	778,298	1,882,337	1,112,501	8,411,817	220,000	810,504
26		1930	1,264,451	404,086	720,500	1,716,468	1,100,636	10,593,387	(7)	1,380,593
27		1920	.....	.....	.....	.....	297,276	4,778,218	167,000	325,000
28	Estimated cost when completed	dollars 1940	1,456,449	328,515	778,298	1,882,337	1,112,501	8,411,817	220,000	810,504
29		1930	1,846,451	434,086	720,500	2,416,468	1,180,636	10,593,387	(7)	1,380,593
30		1920	.....	.....	.....	.....	412,276	9,703,753	167,000	355,000
31	Average cost per acre when completed	dollars 1940	3.47	2.27	13.82	17.83	13.52	7.45	8.09	9.37
32		1930	4.34	3.21	13.67	25.23	14.42	9.29	(7)	17.94
33		1920	.....	.....	.....	.....	6.84	21.62	5.08	6.29
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	427,176	328,515	778,298	.....	1,112,501	421,346	220,000	751,004
35	Average amount per acre	dollars	1.15	2.27	13.82	.....	13.52	22.20	8.09	9.51
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	1,882,337	.....	2,872,270	.....	59,500
37	Average amount per acre	dollars	.....	.....	.....	17.83	.....	3.13	.....	18.59
38	Enterprises having tile only	dollars	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[8]	dollars	1,029,273	.....	.....	.....	.....	5,118,201	.....	.....
47	Average amount per acre	dollars	20.65	.....	.....	.....	.....	26.48	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	33,113	.....	.....	.....	.....	[9] 203,510	.....	.....
49	Enterprises reporting	number	3	.....	.....	.....	.....	9	.....	.....
50	Land in these enterprises	acres	49,845	.....	.....	.....	.....	[9] 230,548	.....	.....
51	Average cost per acre	dollars	0.66	.....	.....	.....	.....	[9] 0.88	.....	.....
52	By enterprises not operating pumping plants	dollars	(10)	(10)	4,667	(10)	5,648	(10)	5,680	6,649
53	Enterprises reporting	number	2	1	4	2	17	1	2	5
54	Land in these enterprises	acres	(10)	(10)	53,416	(10)	62,383	(10)	27,201	58,688
55	Average cost per acre	dollars	(10)	(10)	0.09	(10)	0.09	(10)	0.21	0.11
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	.....	.....	.....	1	2	1
57	Land in these enterprises	acres	.....	.....	.....	.....	.....	(10)	27,201	(10)
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	60,727	(10)	6,185	(10)	7,606	248,199	10,577	5,538
59	Enterprises reporting	number	5	1	5	2	18	9	2	5
60	Land in these enterprises	acres	419,840	(10)	56,334	(10)	73,903	1,081,144	27,201	71,169
61	Average amount collected per acre	dollars	0.14	(10)	0.11	(10)	0.10	0.23	0.39	0.08
62	Area delinquent in drainage taxes, Dec. 31, 1939[11]	acres	373,297	211,621	41,683	(10)	67,762	1,138,848	12,286	40,106
63	Enterprises reporting	number	5	3	5	2	19	11	2	5
64	Land in these enterprises	acres	419,840	144,965	56,334	(10)	82,283	1,125,183	27,201	71,169
65	Portion delinquent in these enterprises	percent	88.9	146.0	74.0	(10)	82.4	101.2	45.2	56.4
66	Total indebtedness, Dec. 31, 1939	dollars	763,315	558,633	592,361	(10)	1,054,576	5,297,581	96,090	415,493
67	Enterprises reporting	number	5	3	5	2	5	11	2	7
68	Land in these enterprises	acres	419,840	144,965	56,334	(10)	58,125	1,125,183	27,201	82,133
69	Average indebtedness per acre	dollars	1.82	3.85	10.52	(10)	18.14	4.71	3.53	5.06
70	Indebtedness in arrears, Dec. 31, 1939	dollars	(10)	530,096	246,425	(10)	677,802	2,916,230	54,590	255,673
71	Enterprises reporting	number	2	3	3	1	5	5	1	5
72	Land in these enterprises	acres	(10)	144,965	41,916	(10)	58,125	942,552	14,014	70,433
73	Average arrearage per acre	dollars	(10)	3.66	5.88	(10)	11.66	3.09	3.90	3.63
74	Reduction of debt by refinancing, prior to 1940	dollars	629,103	.....	331,047	(10)	.....	3,272,357	74,000	166,533
75	Enterprises reporting	number	3	.....	3	1	.....	5	1	3
76	Land in these enterprises	acres	49,845	.....	31,198	(10)	.....	178,351	13,187	14,080
77	Average reduction per acre	dollars	12.62	.....	10.61	(10)	.....	18.35	5.61	11.83

[1] Organized from part of Lee in 1923. [2] Organized from part of De Soto in 1921. [3] Organized from part of St. Lucie in 1925. [4] Part taken to form Sarasota in 1921. [5] Part taken to form part of Martin in 1925. [6] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [7] Included in "Other counties." [8] Data in lines 46 and 47 are not included in lines 34 to 45. [9] One enterprise in Dade and Glades Counties included in data for Palm Beach County to avoid disclosure of individual operations. [10] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnotes 6 and 9. [11] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

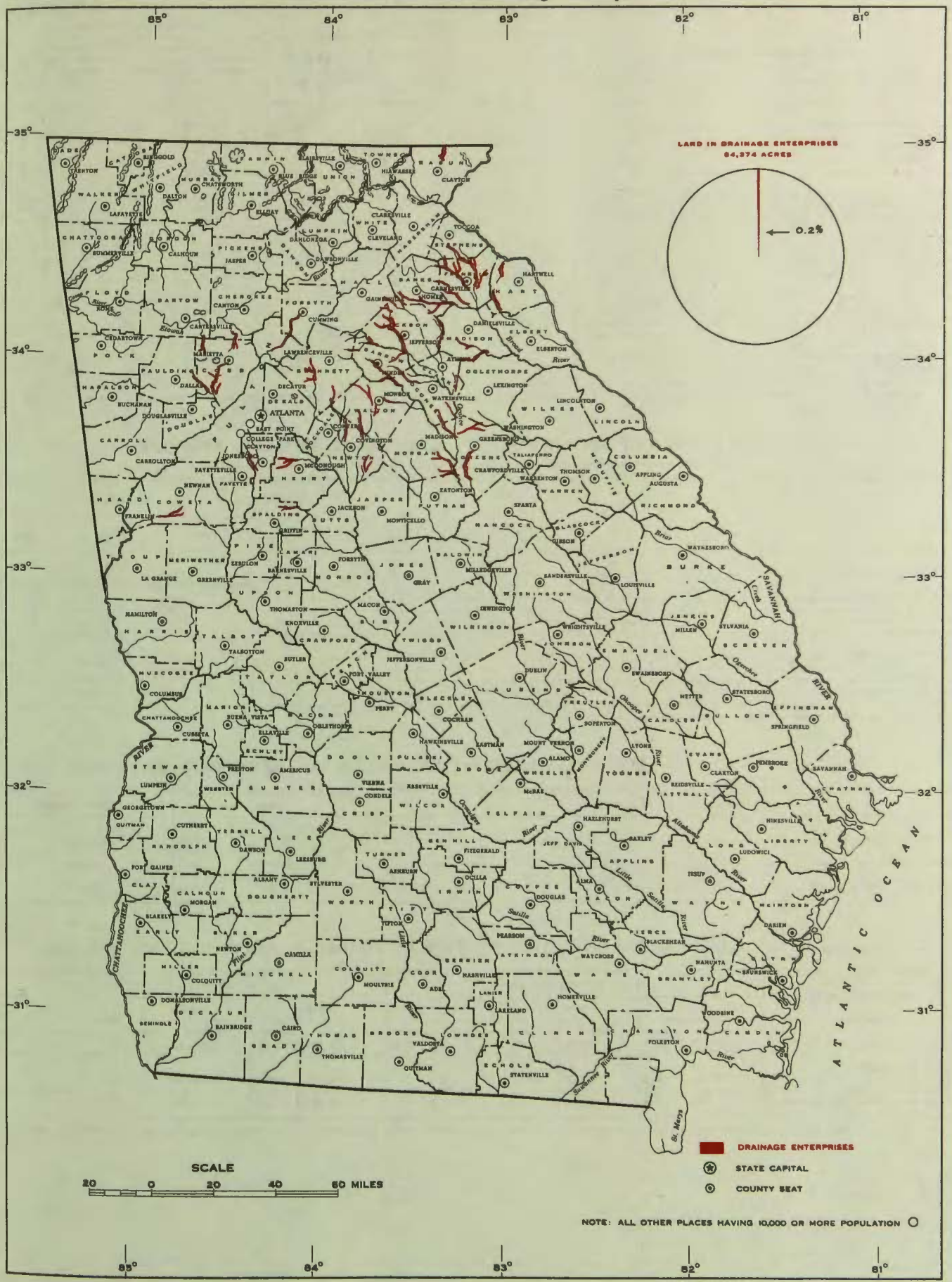
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Putnam	St. Lucie[1]	Sarasota[2]	Seminole	Sumter[3]	Volusia	Other counties[4]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	5	3	4	4	2	5	15
	Open ditches:							
2	Completed.....miles.....1940..	87.0	393.1	115.5	51.9	58.5	72.8	325.5
3	1930..	94.8	255.0	133.5	45.1	(5)	214.8	734.6
4	1920..	26.5	319.9	.....	24.5	(5)	22.2	321.2
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	(5)	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	45.6	7.0	.....	0.5	.....	8.0
11	1930..	.....	38.2	5.0	.....	(5)	10.8	72.5
12	1920..	.....	23.5	.....	.....	(5)	6.7	17.7
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	(5)	.....	140
16	1920..	.....	.....	.....	.....	(5)	.....	120
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	(5)	.....	46,666
19	1920..	.....	.....	.....	.....	(5)	.....	39,000
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	(5)	.....	3,520
22	1920..	.....	.....	.....	.....	(5)	.....	4,500
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	369,174	2,732,447	792,740	163,040	495,500	1,242,911	2,458,180
26	1930..	328,793	2,327,500	762,240	156,000	(5)	1,241,100	9,336,700
27	1920..	67,000	2,801,308	.....	52,000	(5)	306,370	759,096
28	Estimated cost when completed.....dollars.....1940..	369,174	2,732,447	792,740	163,040	495,500	1,242,911	2,458,180
29	1930..	328,793	2,327,500	787,240	176,000	(5)	1,241,100	9,373,790
30	1920..	83,000	4,261,308	.....	52,000	(5)	536,310	1,324,096
31	Average cost per acre when completed.....dollars.....1940..	6.44	16.54	17.30	12.41	10.19	16.25	2.74
32	1930..	7.14	13.92	16.09	13.40	(5)	15.77	1.57
33	1920..	2.44	36.85	.....	7.46	(5)	10.96	0.81
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	369,174	.....	199,102	163,040	45,580	1,242,911	1,997,875
35	Average amount per acre.....dollars..	6.44	.....	9.67	12.41	1.89	16.25	3.73
36	Enterprises having open ditches and levees.....dollars..	.....	2,732,447	593,638	.....	450,000	.....	460,305
37	Average amount per acre.....dollars..	.....	16.54	23.54	.....	18.32	.....	1.28
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	4,352	29,636	13,038	(6)	800	5,115	14,875
53	Enterprises reporting.....number...	4	3	4	1	1	3	8
54	Land in these enterprises.....acres....	41,562	165,211	45,810	(6)	24,560	65,561	844,637
55	Average cost per acre.....dollars..	0.10	0.18	0.28	(6)	0.03	0.08	0.02
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	2	.....	.....	.....	.....	1	3
57	Land in these enterprises.....acres....	(6)	.....	.....	.....	.....	(6)	211,843
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	5,416	63,127	24,248	(6)	30,159	5,501	10,265
59	Enterprises reporting.....number...	4	3	3	2	2	3	7
60	Land in these enterprises.....acres....	41,562	165,211	45,010	(6)	48,632	72,769	499,037
61	Average amount collected per acre.....dollars..	0.13	0.38	0.54	(6)	0.62	0.08	0.02
62	Area delinquent in drainage taxes, Dec. 31, 1939[7].....acres....	26,833	107,517	36,140	(6)	19,150	61,893	802,611
63	Enterprises reporting.....number...	4	3	4	2	2	4	10
64	Land in these enterprises.....acres....	41,562	165,211	45,810	(6)	48,632	75,290	860,297
65	Portion delinquent in these enterprises.....percent..	64.6	65.1	78.9	(6)	39.4	82.2	93.3
66	Total indebtedness, Dec. 31, 1939.....dollars..	221,201	1,323,659	469,266	63,260	358,080	1,558,468	2,111,839
67	Enterprises reporting.....number...	3	3	3	3	2	4	10
68	Land in these enterprises.....acres....	23,002	165,211	45,010	11,740	48,632	75,290	860,297
69	Average indebtedness per acre.....dollars..	9.62	8.01	10.42	5.39	7.36	20.70	2.45
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(6)	(6)	(6)	(6)	251,080	797,941	1,563,625
71	Enterprises reporting.....number...	2	2	1	2	2	4	10
72	Land in these enterprises.....acres....	(6)	(6)	(6)	(6)	48,632	75,290	860,297
73	Average arrearage per acre.....dollars..	(6)	(6)	(6)	(6)	5.16	10.60	1.84
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(6)	(6)	.....	(6)	.....	.....	(6)
75	Enterprises reporting.....number...	1	1	.....	1	.....	.....	1
76	Land in these enterprises.....acres....	(6)	(6)	.....	(6)	.....	.....	(6)
77	Average reduction per acre.....dollars..	(6)	(6)	.....	(6)	.....	.....	(6)

[1] Parts taken to form Indian River and part of Martin in 1925. [2] Organized from part of Manatee in 1921. [3] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [4] Includes Charlotte, Collier, Hardee, Lake, Lee, Martin, Monroe, Okeechobee, Orange, and St. Johns Counties in 1940; Alachua, Charlotte, Collier, Duval, Hardee, Lake, Lee, Marion, Martin, Monroe, Nassau, Okeechobee, Orange, Pinellas, St. Johns, and Sumter Counties in 1930; and Bradford, Duval, Lake, Lee, Marion, Nassau, Okeechobee, Orange, St. Johns, Santa Rosa, and Sumter Counties in 1920. [5] Included in "Other counties." [6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 3. [7] In some counties there may be duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

GEORGIA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	37,451,520	37,584,000	37,584,000	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	84,374	84,255	65,452	119	0.1	18,803	28.7
Improved.....acres.....	47,727	44,975	29,753	2,752	6.1	15,222	51.2
Unimproved:							
Timber and cut-over.....acres.....	36,247	10,153	10,155	26,094	257.0	-2	.....
Other.....acres.....	400	29,127	25,544	-28,727	-98.6	3,583	14.0
Drainage sufficient for normal crop.....acres.....	80,514	46,592	(1)	33,922	72.8	.....	.....
Partly drained, for partial crop.....acres.....	3,360	13,549	(1)	-10,189	-75.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	500	24,114	[2]21,951	-23,614	-97.9	2,163	9.9
In occupied farms.....acres.....	83,874	63,865	(1)	20,009	31.3	.....	.....
In planted crops.....acres.....	39,420	37,097	(1)	1,323	3.6	.....	.....
Idle.....acres.....	45,954	35,640	(1)	10,314	28.9	.....	.....
Available for settlement.....acres.....	.....	4,787	(1)	-4,787	-100.0	.....	.....
Open ditches, completed.....miles.....	550.3	496.9	276.3	53.4	10.7	220.1	79.5
Tile drains, completed.....miles.....	2.0	40.0	.....	-38.0	-95.0	40.0	.....
Drainage pumping plants, capacity.....horsepower....	(3)	60	.....	(3)	(3)	60	.....
gal. per min..	(3)	4,000	.....	(3)	(3)	4,000	.....
Capital invested in enterprises.....dollars.....	2,064,840	1,918,525	794,585	146,315	7.6	1,123,940	141.4
Average per acre.....dollars.....	24.47	22.77	12.14	1.70	7.5	10.63	87.6

[1] Not available. [2] Reported as "Swampy, subject to overflow, seeped, or alkali." [3] Where there are less than 3 enterprises reporting, data are not shown.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	LAND IN ENTERPRISES[1]		
	1940	1930	1920
	Acres	*Acres*	*Acres*
All enterprises.....	84,374	84,255	65,452
Less than 100 acres.....	185	142	488
100 to 199 acres.....	1,133	250	
200 to 499 acres.....	6,601	2,316	2,764
500 to 999 acres.....	22,399	15,704	11,750
1,000 to 1,999 acres.....	15,822	40,043	25,205
2,000 to 4,999 acres.....	20,703		
5,000 to 9,999 acres.....	17,531	15,800	15,245
10,000 acres and over.....	.....	10,000	10,000

[1] No overlapping of drainage enterprises indicated in Georgia.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	84,374	100.0	2,064,840	100.0
Drainage districts.....	80,674	95.6	1,949,840	94.4
Individually owned projects.....	3,700	4.4	115,000	5.6

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	84,374	100.0	84,255	100.0	65,452	100.0	2,064,840	100.0	1,918,525	100.0	794,585	100.0
Gravity drainage only by[2]—												
Open ditches.....	83,674	99.2	80,555	95.6	65,452	100.0	1,964,840	95.2	1,848,525	96.4	794,585	100.0
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains...	700	0.8	3,700	4.4			100,000	4.8	70,000	3.6		

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified. [2] Includes 1 enterprise drained partly by pumping.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	84,374	100.0	84,255	100.0	2,064,840	100.0	1,918,525	100.0	28,195	25,486
Enterprises in arrears	52,458	62.2	57,058	67.7	1,328,026	64.3	1,245,795	64.9	28,195	25,486
With some delinquent land	52,010	61.7	38,755	46.0	1,303,273	63.1	885,563	46.1	28,195	25,486
With no delinquent land	448	0.5	4,139	4.9	24,753	1.2	97,867	5.1	.....	.....
With no report on delinquency	.....	.....	14,164	16.8	.....	.....	262,365	13.7	.....	.....
Enterprises not in arrears	31,916	37.8	27,197	32.3	736,814	35.7	672,730	35.1	.....	.....
With no delinquent land	31,916	37.8	19,248	22.9	736,814	35.7	370,860	19.3	.....	.....
With no report on delinquency	.....	.....	7,949	9.4	.....	.....	301,879	15.8	.....	.....

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	84,374	2,064,840	410,163	396,963	173,760	28,195	2,950
Enterprises in debt	52,458	1,328,026	410,163	396,963	58,000	28,195	1,750
In arrears, amount of arrearage stated	51,308	1,289,026	396,963	396,963	58,000	27,270	1,750
Collecting drainage taxes in 1939	4,474	113,000	18,000	18,000	50,000	1,320	1,750
No collections reported	46,834	1,176,026	378,963	378,963	8,000	25,950	.....
In arrears, amount not stated	1,150	39,000	13,200	.....	.....	925	.....
No collections reported	1,150	39,000	13,200	.....	.....	925	.....
Enterprises not in debt	31,916	736,814	.....	.....	115,760	.....	1,200
Collecting drainage taxes in 1939	2,637	100,000	.....	.....	24,960	.....	1,200
No collections reported	29,279	636,814	.....	.....	90,800	.....	.....

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	84,374	100.0	2,064,840	100.0
Improvement of land already in farms	[1] 83,970	99.5	2,047,840	99.2
Reclamation of swamp land not previously in farms	404	0.5	17,000	0.8

[1] It is probable that, when the enterprises were organized, a considerable portion of this acreage was swamp land not previously farmed although forming parts of large plantations.

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	84,374	100.0	2,064,840	100.0
1890-1899	3,000	3.6	15,000	0.7
1910-1914	12,662	15.0	142,061	6.9
1915-1919	63,257	75.0	1,692,920	82.0
1920-1924	4,755	5.6	114,859	5.6
1925-1929	700	0.8	100,000	4.8

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	All land in enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	84,374	80,514	95.4	3,360	500	47,727	56.6	36,247	400	83,874	99.4	38,420	45,954	.....
1890-1899	3,000	3,000	100.0	.....	.....	2,000	66.7	1,000	.....	3,000	100.0	2,000	1,000	.....
1910-1914	12,662	12,662	100.0	.....	.....	8,100	64.0	4,562	.....	12,662	100.0	6,050	6,612	.....
1915-1919	63,257	59,897	94.7	3,360	.....	34,927	55.2	28,330	.....	63,257	100.0	28,220	35,037	.....
1920-1924	4,755	4,755	100.0	.....	.....	2,500	52.6	2,255	.....	4,755	100.0	1,950	2,805	.....
1925-1929	700	200	28.6	.....	500	200	28.6	100	400	200	28.6	200	500	.....

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	84,374	84,374	700	83,674	600	0.01	0.86
Gravity drainage only[1]	84,374	84,374	700	83,674	600	0.86	0.86
Open ditches only	83,674	83,674	.....	83,674	.....	.....	.....
Open ditches, tile drains, and levees	700	700	700	.....	600	0.86	0.86

[1] Includes 1 enterprise drained partly by pumping.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	84,374	100.0	2,064,840	100.0
Method:				
Work apportioned to landowners	700	0.8	100,000	4.8
"None," or not reporting	83,674	99.2	1,964,840	95.2
Whether systematic:				
Reporting "yes"	700	0.8	100,000	4.8
Reporting "no"	83,674	99.2	1,964,840	95.2

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	12,106	244,174	50.0	2.0	5.0
Work Projects Adminstration	11,406	144,174	38.0	.....	.....
Civilian Conservation Corps	700	100,000	12.0	2.0	5.0

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Banks	Barrow	Cobb	Franklin	Greene
	LAND AREA						
1	Approximate land area.....acres....1940..	37,451,520	147,640	109,440	222,720	172,160	258,530
2	Drainage enterprises.....number...1940..	[1] 78	6	6	5	5	3
3	Land in enterprises.....acres....1940..	84,374	3,738	3,088	5,104	23,619	2,826
4	1930..	84,255	3,915	4,160	2,910	25,965	2,590
5	1920..	65,452	5,097	3,274	2,502	21,055	.....
6	Area of all enterprises, overlapping included.....acres....1940..	84,374	3,738	3,088	5,104	23,619	2,826
7	Amount of overlapping.....acres....1940..	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	80,514	3,738	2,618	4,102	23,619	2,826
9	1930..	45,592	3,815	1,140	1,633	16,015	1,050
10	Increase or decrease (-), 1930-1940.....acres.....	33,922	-77	1,478	2,469	7,604	1,776
11	percent.....	72.8	-2.0	129.6	151.2	47.5	169.1
12	Land undrained, unfit for any crop.....acres....1940..	500	.....	.....	.....	.....	.....
13	1930..	24,114	100	2,550	500	6,385	1,250
14	Increase or decrease (-), 1930-1940.....acres.....	-23,614	-100	-2,550	-500	-6,385	-1,250
15	percent.....	-97.9	-100.0	-100.0	-100.0	-100.0	-100.0
16	Land partly drained, for partial crop.....acres....1940..	3,360	.....	470	1,002	.....	.....
17	1930..	13,549	.....	470	777	3,565	390
18	Increase or decrease (-), 1930-1940.....acres.....	-10,189	.....	.....	225	-3,565	-390
19	percent.....	-75.2	.....	.....	29.0	-100.0	-100.0
20	Improved land.....acres....1940..	47,727	2,065	1,830	3,050	13,260	1,550
21	1930..	44,975	2,500	1,490	1,653	12,715	910
22	1920..	29,753	2,419	889	1,500	5,548	.....
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	36,247	1,673	1,258	2,054	10,359	1,276
24	1930..	10,153	600	.....	730	1,755	80
25	1920..	10,155	1,077	433	250	3,797	.....
26	Other unimproved land.....acres....1940..	400	.....	.....	.....	.....	.....
27	1930..	29,127	815	2,670	527	11,495	1,700
28	1920..	25,544	1,601	1,952	752	11,710	.....
29	Land in occupied farms.....acres....1940..	83,874	3,738	3,088	5,104	23,619	2,826
30	1930..	63,865	3,915	4,160	1,813	17,015	2,100
31	Increase or decrease (-), 1930-1940.....acres.....	20,009	-177	-1,072	3,291	6,604	726
32	percent.....	31.3	-4.5	-25.8	181.5	38.8	34.6
33	Land in planted crops.....acres....1940..	38,420	1,555	1,325	2,525	10,450	1,250
34	1930..	37,097	2,500	865	1,440	11,275	840
35	Increase or decrease (-), 1930-1940.....acres.....	1,323	-945	460	1,085	-825	410
36	percent.....	3.6	-37.8	53.2	75.3	-7.3	48.8
37	Land idle.....acres....1940..	45,954	2,183	1,763	2,579	13,169	1,576
38	1930..	35,640	865	2,972	880	10,890	1,585
39	Increase or decrease (-), 1930-1940.....acres.....	10,314	1,318	-1,209	1,699	2,279	-109
40	percent.....	28.9	152.4	-40.7	193.1	20.9	-6.5
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	4,787	.....	.....	497	805	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-4,787	.....	.....	-497	-805	.....
44	percent.....	-100.0	.....	.....	-100.0	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	83,674	3,738	3,088	5,104	23,619	2,826
46	Length of these ditches.....miles.....	538.3	26.5	35.5	47.0	71.7	33.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	[2]	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	[2]	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	[2]	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	[2]	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 52.
[2] Where there are less than 3 enterprises reporting, data are not shown.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Gwinnett	Hall	Jackson	Newton	Oconee	Walton	Other counties[1]
	LAND AREA								
1	Approximate land area	acres....1940..	279,680	272,640	215,680	174,720	119,040	211,200	3,898,880
2	Drainage enterprises	number...1940..	4	3	8	4	4	5	24
3	Land in enterprises	acres....1940..	3,022	891	6,319	2,392	2,121	4,359	26,895
4		1930..	(2)	6,000	3,700	1,869	1,904	5,653	25,489
5		1920..	2,692	.....	4,681	(2)	2,750	3,232	20,169
6	Area of all enterprises, overlapping included	acres....1940..	3,022	891	6,319	2,392	2,121	4,359	26,895
7	Amount of overlapping	acres....1940..	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres....1940..	3,022	891	5,194	2,392	2,121	3,696	26,295
9		1930..	(2)	1,000	2,000	455	150	875	18,459
10	Increase or decrease (-), 1930-1940	acres.....	.....	-109	3,194	1,937	1,971	2,821	7,836
11		percent.....	.....	-10.9	159.7	425.7	(3)	322.4	42.4
12	Land undrained, unfit for any crop	acres....1940..	.....	.....	.....	.....	.....	.....	500
13		1930..	(2)	.....	1,700	1,175	1,650	4,200	4,504
14	Increase or decrease (-), 1930-1940	acres.....	.....	.....	-1,700	-1,175	-1,650	-4,200	-4,104
15		percent.....	.....	.....	-100.0	-100.0	-100.0	-100.0	-89.1
16	Land partly drained, for partial crop	acres....1940..	.....	.....	1,125	.....	.....	663	100
17		1930..	.....	5,000	.....	239	104	578	2,426
18	Increase or decrease (-), 1930-1940	acres.....	.....	-5,000	1,125	-239	-104	85	-2,326
19		percent.....	.....	-100.0	.....	-100.0	-100.0	14.7	-95.9
20	Improved land	acres....1940..	1,895	630	4,125	1,350	1,350	2,413	14,209
21		1930..	(2)	6,000	1,300	440	174	1,250	16,543
22		1920..	1,661	.....	1,442	(2)	1,385	2,305	12,604
	Unimproved land:								
23	Woodland and cut-over land	acres....1940..	1,127	261	2,194	1,042	771	1,946	12,286
24		1930..	(2)	.....	1,700	.....	19	.....	5,269
25		1920..	113	.....	2,305	(2)	523	306	1,351
26	Other unimproved land	acres....1940..	.....	.....	.....	.....	.....	.....	400
27		1930..	(2)	.....	700	1,429	1,711	4,403	3,677
28		1920..	918	.....	934	(2)	842	621	6,214
29	Land in occupied farms	acres....1940..	3,022	891	6,319	2,392	2,121	4,359	26,395
30		1930..	(2)	6,000	1,300	1,869	1,811	5,253	18,629
31	Increase or decrease (-), 1930-1940	acres.....	.....	-5,109	5,019	523	310	-894	7,766
32		percent.....	.....	-85.1	386.1	28.0	17.1	-17.0	41.7
33	Land in planted crops	acres....1940..	1,570	560	3,180	1,150	1,080	2,000	11,775
34		1930..	(2)	5,600	1,000	380	120	830	12,247
35	Increase or decrease (-), 1930-1940	acres.....	.....	-5,040	2,180	770	960	1,170	-472
36		percent.....	.....	-90.0	218.0	202.6	800.0	141.0	-3.8
37	Land idle	acres....1940..	1,452	331	3,139	1,242	1,041	2,359	15,120
38		1930..	(2)	.....	2,500	1,489	1,650	4,580	8,129
39	Increase or decrease (-), 1930-1940	acres.....	.....	331	639	-247	-609	-2,221	6,991
40		percent.....	.....	.....	25.6	-16.6	-36.9	-48.5	86.0
41	Land available for settlement	acres....1940..	.....	.....	.....	.....	.....	.....	.....
42		1930..	.....	.....	800	.....	.....	.....	2,685
43	Increase or decrease (-), 1930-1940	acres.....	.....	.....	-800	.....	.....	.....	-2,685
44		percent.....	.....	.....	-100.0	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres.....	3,022	891	6,319	2,392	2,121	4,359	26,195
46	Length of these ditches	miles.....	30.2	7.1	47.8	25.5	23.2	35.9	154.9
47	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres.....	.....	.....	.....	.....	.....	.....	(4)
69	Length of open ditches owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	(4)
70	Length of tile owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	(4)
71	Length of levees owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	(4)
72	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Bartow, Cherokee, Clarke, Clayton, Coweta, Fayette, Forsyth, Fulton, Hart, Henry, McIntosh, Madison, Morgan, Oglethorpe, Paulding, Putnam, Rabun, Spalding, and Stephens Counties in 1940; Bartow, Clarke, Clayton, Fayette, Forsyth, Gwinnett, Hart, Henry, McIntosh, Madison, Milton, Morgan, Oglethorpe, Paulding, Putnam, Rabun, Spalding, Stephens, and Wilkes Counties in 1930; and Bartow, Clarke, Clayton, Fayette, Hart, Madison, Oglethorpe, Paulding, Rabun, and Stephens Counties in 1920.

[2] Included in "Other counties."

[3] Percent not shown when more than 1,000.

[4] Where there are less than 3 enterprises reporting, data are not shown.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)		THE STATE	Banks	Barrow	Cobb	Franklin	Greene
	DRAINAGE WORKS							
1	Drainage enterprises	1940	[1] 78	6	6	5	6	3
	Open ditches:							
2	Completed, miles	1940	550.3	26.5	35.5	47.0	71.7	33.0
3		1930	496.9	27.5	35.5	24.7	69.2	30.0
4		1920	276.8	28.5	15.9	16.3	54.5	.....
5	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed, miles	1940	2.0	.....	.....	.....	.....	.....
7		1930	40.0	.....	.....	.....	.....	.....
8		1920	.....	.....	.....	.....	.....	.....
9	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed, miles	1940	5.0	.....	.....	.....	.....	.....
11		1930	.....	.....	.....	.....	.....	.....
12		1920	.....	.....	.....	.....	.....	.....
13	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity, horsepower	1940	[2]	.....	.....	.....	.....	.....
15		1930	60	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....
17	Pump capacity, gal. per min.	1940	[2]	.....	.....	.....	.....	.....
18		1930	4,000	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....
20	Land served by pumps, acres	1940	[2]	.....	.....	.....	.....	.....
21		1930	200	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage, number	1940	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1, dollars	1940	2,064,840	97,583	112,820	151,100	321,408	111,060
26		1930	1,918,525	111,509	99,644	86,614	328,500	87,365
27		1920	794,585	100,500	52,570	53,000	182,857	.....
28	Estimated cost when completed, dollars	1940	2,064,840	97,583	112,820	151,100	321,408	111,060
29		1930	1,918,525	111,509	99,644	86,614	328,500	87,365
30		1920	1,098,239	100,500	94,558	73,000	308,574	.....
31	Average cost per acre when completed, dollars	1940	24.47	26.10	36.53	29.60	13.61	39.30
32		1930	22.77	28.48	23.95	29.76	12.65	32.48
33		1920	16.78	19.72	28.88	29.18	14.66	.....
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only, dollars	1940	1,964,840	97,583	112,820	151,100	321,408	111,060
35	Average amount per acre, dollars	1940	23.48	26.10	36.53	29.60	13.61	39.30
36	Enterprises having open ditches and levees, dollars	1940	.....	.....	.....	.....	.....	.....
37	Average amount per acre, dollars	1940	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only, dollars	1940	.....	.....	.....	.....	.....	.....
39	Average amount per acre, dollars	1940	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees, dollars	1940	.....	.....	.....	.....	.....	.....
41	Average amount per acre, dollars	1940	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile, dollars	1940	.....	.....	.....	.....	.....	.....
43	Average amount per acre, dollars	1940	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees, dollars	1940	.....	.....	.....	.....	.....	.....
45	Average amount per acre, dollars	1940	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants, dollars	1940	[2]	.....	.....	.....	.....	.....
47	Average amount per acre, dollars	1940	[2]	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants, dollars	1939	[2]	.....	.....	.....	.....	.....
49	Enterprises reporting, number	1939	1	.....	.....	.....	.....	.....
50	Land in these enterprises, acres	1939	[2]	.....	.....	.....	.....	.....
51	Average cost per acre, dollars	1939	[2]	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants, dollars	1939	.....	.....	.....	.....	.....	.....
53	Enterprises reporting, number	1939	.....	.....	.....	.....	.....	.....
54	Land in these enterprises, acres	1939	.....	.....	.....	.....	.....	.....
55	Average cost per acre, dollars	1939	.....	.....	.....	.....	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting, number	1939	5	.....	.....	1	1	.....
57	Land in these enterprises, acres	1939	12,106	.....	.....	[3]	[3]	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939, dollars	1939	2,950	.....	.....	.....	.....	[4]
59	Enterprises reporting, number	1939	5	.....	.....	.....	.....	1
60	Land in these enterprises, acres	1939	7,111	.....	.....	.....	.....	[4]
61	Average amount collected per acre, dollars	1939	0.41	.....	.....	.....	.....	[4]
62	Area delinquent in drainage taxes, Dec. 31, 1939, acres	1939	28,195	2,410	[3]	3,825	6,440	[3]
63	Enterprises reporting, number	1939	52	6	2	5	4	2
64	Land in these enterprises, acres	1939	52,010	3,738	[3]	5,104	14,067	[3]
65	Portion delinquent in these enterprises, percent	1939	54.2	64.5	[3]	74.9	45.8	[3]
66	Total indebtedness, Dec. 31, 1939, dollars	1939	410,163	27,300	[3]	53,700	68,100	[3]
67	Enterprises reporting, number	1939	53	6	2	5	4	2
68	Land in these enterprises, acres	1939	52,458	3,738	[3]	5,104	14,067	[3]
69	Average indebtedness per acre, dollars	1939	7.82	7.30	[3]	10.52	4.84	[3]
70	Indebtedness in arrears, Dec. 31, 1939, dollars	1939	396,963	27,300	[3]	44,700	68,100	[3]
71	Enterprises reporting, number	1939	51	6	2	4	4	2
72	Land in these enterprises, acres	1939	52,458	3,738	[3]	5,104	14,067	[3]
73	Average arrearage per acre, dollars	1939	7.56	7.30	[3]	8.76	4.84	[3]
74	Reduction of debt by refinancing, prior to 1940, dollars	1939	173,760	.....	.....	.....	.....	[3]
75	Enterprises reporting, number	1939	11	.....	.....	.....	.....	2
76	Land in these enterprises, acres	1939	13,923	.....	.....	.....	.....	[3]
77	Average reduction per acre, dollars	1939	12.48	.....	.....	.....	.....	[3]

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 52.
[2] Where there are less than 3 enterprises reporting in the State, data are not shown.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals.
[4] Included in "Other counties."

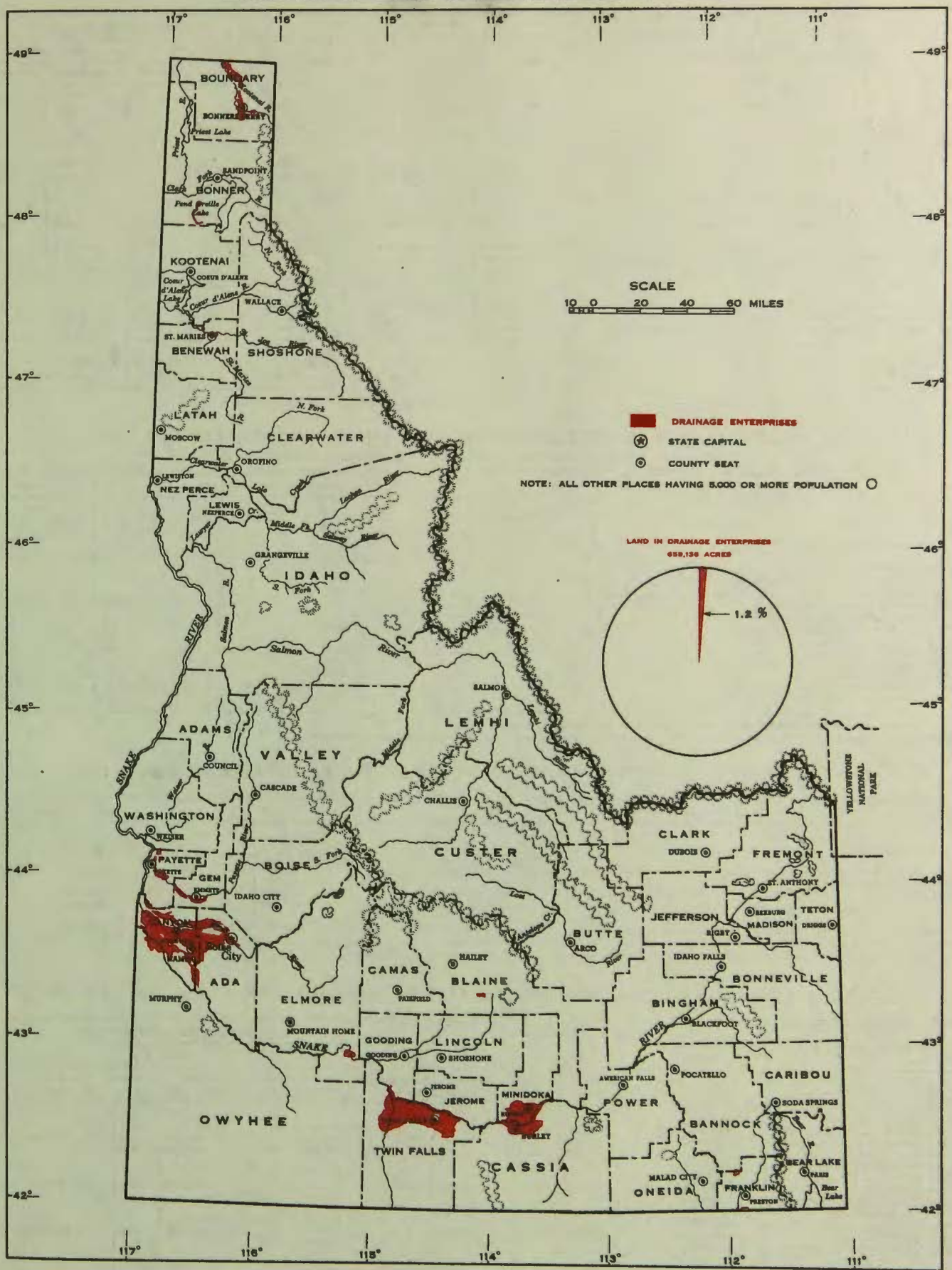
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Gwinnett	Hall	Jackson	Newton	Oconee	Walton	Other counties[1]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	4	3	8	4	4	5	24
	Open ditches:							
2	Completed.....miles.....1940..	30.2	7.1	47.8	25.5	23.2	35.9	166.9
3	1930..	(2)	2.0	19.7	21.7	20.1	56.3	190.2
4	1920..	23.1	.....	19.8	(2)	20.9	34.5	63.3
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	2.0
7	1930..	(2)	.....	.....	.....	.....	.....	40.0
8	1920..	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	5.0
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	(3)
15	1930..	(2)	.....	.....	.....	.....	.....	60
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	(3)
18	1930..	(2)	.....	.....	.....	.....	.....	4,000
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	(3)
21	1930..	(2)	.....	.....	.....	.....	.....	200
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	64,907	28,400	236,468	101,572	49,381	108,104	682,037
26	1930..	(2)	50,000	150,644	83,122	52,690	225,121	643,316
27	1920..	42,000	.....	78,179	(2)	48,258	68,500	168,721
28	Estimated cost when completed.....dollars.....1940..	64,907	28,400	236,468	101,572	49,381	108,104	682,037
29	1930..	(2)	50,000	150,644	83,122	52,690	225,121	643,316
30	1920..	53,000	.....	152,581	(2)	48,258	68,500	199,268
31	Average cost per acre when completed.....dollars.....1940..	21.48	31.87	37.42	42.46	23.28	24.80	25.36
32	1930..	(2)	8.33	40.71	44.47	27.67	39.82	25.24
33	1920..	19.69	.....	32.60	(2)	17.55	21.19	9.88
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	64,907	28,400	236,468	101,572	49,381	108,104	582,037
35	Average amount per acre.....dollars..	21.48	31.87	37.42	42.46	23.28	24.80	22.22
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	(3)
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	(3)
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	(3)
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	1
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	(3)
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	(3)
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	1	2
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	(4)	(4)
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	.....	.....	.....	.....	.....	.....	[5] 2,950
59	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	4
60	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	[5] 7,111
61	Average amount collected per acre.....dollars..	.....	.....	.....	.....	.....	.....	[5] 0.41
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	1,110	590	3,620	1,000	(4)	(4)	6,285
63	Enterprises reporting.....number...	3	3	7	3	2	2	13
64	Land in these enterprises.....acres....	2,310	891	5,919	1,944	(4)	(4)	12,617
65	Portion delinquent in these enterprises.....percent..	48.0	66.2	61.2	51.4	(4)	(4)	49.8
66	Total indebtedness, Dec. 31, 1939.....dollars..	14,700	8,800	50,290	25,600	(4)	(4)	114,573
67	Enterprises reporting.....number...	3	3	7	4	2	2	13
68	Land in these enterprises.....acres....	2,310	891	5,919	2,382	(4)	(4)	12,617
69	Average indebtedness per acre.....dollars..	6.36	9.87	8.50	10.70	(4)	(4)	9.08
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	14,700	8,800	50,290	25,600	(4)	(4)	110,373
71	Enterprises reporting.....number...	3	3	7	4	2	2	12
72	Land in these enterprises.....acres....	2,310	891	5,919	2,392	(4)	(4)	12,617
73	Average arrearage per acre.....dollars..	6.36	9.87	8.50	10.70	(4)	(4)	8.75
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	(4)	.....	.....	118,460
75	Enterprises reporting.....number...	.....	.....	.....	1	.....	.....	8
76	Land in these enterprises.....acres....	.....	.....	.....	(4)	.....	.....	10,981
77	Average reduction per acre.....dollars..	.....	.....	.....	(4)	.....	.....	10.79

[1] Includes Bartow, Cherokee, Clarke, Clayton, Coweta, Fayette, Forsyth, Fulton, Hart, Henry, McIntosh, Madison, Morgan, Oglethorpe, Paulding, Putnam, Rabun, Spalding, and Stephens Counties in 1940; Bartow, Clarke, Clayton, Fayette, Forsyth, Gwinnett, Hart, Henry, McIntosh, Madison, Milton, Morgan, Oglethorpe, Paulding, Putnam, Rabun, Spalding, Stephens, and Wilkes Counties in 1930; and Bartow, Clarke, Clayton, Fayette, Hart, Madison, Oglethorpe, Paulding, Rabun, and Stephens Counties in 1920. [2] Included in "Other counties." [3] Where there are less than 3 enterprises reporting in the State, data are not shown. [4] Where there are less than 3 enterprises reporting, data are included only in State totals. [5] Includes data for Greene County with others named in footnote 1.

IDAHO

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	52,997,120	53,346,560	53,346,560	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	659,136	375,464	64,642	283,672	75.6	310,822	480.8
Improved.....acres.....	628,012	354,575	52,098	273,437	77.1	302,477	580.6
Unimproved:							
Timber and cut-over.....acres.....	1,808	637	87	1,171	183.8	550	632.2
Other.....acres.....	29,316	20,252	12,457	9,064	44.8	7,795	62.6
Drainage sufficient for normal crop.....acres.....	605,378	333,204	(1)	272,174	81.7	.....	.....
Partly drained, for partial crop.....acres.....	34,801	28,590	(1)	6,211	21.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	18,957	13,670	[2] 11,402	5,287	38.7	2,268	19.9
In occupied farms.....acres.....	650,135	362,303	(1)	287,832	79.4	.....	.....
In planted crops.....acres.....	601,967	334,546	(1)	267,421	79.9	.....	.....
Idle.....acres.....	34,605	28,673	(1)	5,932	20.7	.....	.....
Available for settlement.....acres.....	4,271	6,836	(1)	-2,565	-37.5	.....	.....
Open ditches, completed.....miles.....	968.1	651.2	274.5	316.9	48.7	376.7	137.2
Tile drains, completed.....miles.....	174.6	19.9	1.8	154.7	777.4	18.1	.....
Drainage pumping plants, capacity.....horsepower....	2,292	1,435	285	857	59.7	1,150	403.5
gal. per min..	211,850	171,675	36,200	40,175	23.4	135,475	374.2
Capital invested in enterprises.....dollars.....	7,567,032	5,112,444	1,668,569	2,454,588	48.0	3,443,875	206.4
Average per acre.....dollars.....	11.48	13.62	25.81	-2.14	-15.7	-12.19	-47.2

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises	674,532	375,464	64,642	659,136
Less than 100 acres	75	153	.....	75
100 to 199 acres	254	154	.....	254
200 to 499 acres	732	255	.....	732
500 to 999 acres	9,517	5,632	2,472	9,517
1,000 to 1,999 acres	6,367	60,005	15,210	6,367
2,000 to 4,999 acres	54,929			52,253
5,000 to 9,999 acres	52,215	60,261	6,960	47,730
10,000 to 19,999 acres	29,775	181,947	40,000	29,775
20,000 to 49,999 acres	200,151			197,676
50,000 to 99,999 acres	121,760	67,057	.....	116,000
100,000 to 199,999 acres	198,757	.....	.....	198,757

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	659,136	100.0	7,567,032	100.0
Drainage districts	123,753	18.8	3,643,801	48.2
Irrigation enterprises:				
Federal[1]	289,929	44.0	2,726,032	36.0
Other	242,962	36.9	1,029,199	13.6
Individually owned projects	2,492	0.3	168,000	2.2

[1] Includes projects or divisions of projects of United States Bureau of Reclamation operated by water users.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises	659,136	100.0	375,464	100.0	64,642	100.0	7,567,032	100.0	5,112,444	100.0	1,668,569	100.0
Gravity drainage only by—												
Open ditches	200,592	30.5	141,746	37.7	32,730	50.6	2,139,245	28.3	1,350,479	26.4	770,569	46.2
Tile drains	229	[2]	229	0.1			18,582	0.2	18,582	0.4		
Open ditches and tile drains	71,944	10.9	41,029	10.9			1,241,800	16.4	820,144	16.0		
All drained by pumping by—												
Open ditches	26,904	4.1	40,254	10.7	1,412	2.2	1,601,053	21.2	1,704,809	33.4	60,000	3.6
Tile drains	.....	.....					.....	.....				
Open ditches and tile drains	4,564	0.7					305,000	4.0				
Part only by pumping by—												
Open ditches	120,419	18.3	152,206	40.5	30,500	47.2	1,288,753	17.0	1,218,430	23.8	838,000	50.2
Tile drains	.....	.....					.....	.....				
Open ditches and tile drains	234,484	35.5					972,599	12.9				
Total area served by pumps	53,938	8.2	40,434	10.8	7,912	12.2	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY: Engine or motor		CAPACITY: Pump	Land served
		Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises	1940	26	2,292	100.0	211,850	53,938
	1930	23	1,435	100.0	171,675	40,434
	1920	4	285	100.0	36,200	7,912
Steam	1940	.....	.....	.....	.....	.....
	1930	2	115	8.0	15,000	1,580
	1920	1	25	8.8	3,000	900
Electric	1940	15	1,537	67.0	125,950	31,792
	1930	12	930	64.8	108,075	14,997
	1920	3	260	91.2	33,200	7,012
Internal combustion	1940	10	655	28.6	76,400	20,967
	1930	8	345	24.1	42,600	21,557
Steam and internal combustion	1940	1	100	4.4	9,500	1,179
Electric and internal combustion	1940	.....	.....	.....	.....	.....
	1930	1	45	3.1	6,000	2,300

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS: Number	PUMPS: Capacity		Engine or motor capacity	Land served
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises	1940	73	211,850	100.0	2,292	53,938
	1930	37	171,675	100.0	1,435	40,434
Centrifugal	1940	19	91,800	43.3	7,675	16,642
	1930	36	169,875	99.0	1,405	40,114
Rotary	1940	2	14,900	7.0	100	4,975
	1930	.....	.....	.....	.....	.....
Screw	1940	1	4,500	2.1	60	5,361
	1930	.....	.....	.....	.....	.....
Turbine	1940	45	72,540	34.3	1,140	21,162
	1930	1	1,800	1.0	30	320
Centrifugal and—Rotary	1940	2	11,500	5.4	60	1,539
	1930	.....	.....	.....	.....	.....
Turbine	1940	4	16,610	7.9	165	4,309
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES: 1940		LAND IN ENTERPRISES: 1930		CAPITAL INVESTED: 1940		CAPITAL INVESTED: 1930		AREA DELINQUENT[1]: 1940	AREA DELINQUENT[1]: 1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	659,136	100.0	375,464	100.0	7,567,032	100.0	5,112,444	100.0	32,342	12,027
Enterprises in arrears	47,405	7.2	10,721	2.9	1,401,289	18.5	351,099	6.9	13,498	3,923
With some delinquent land	43,203	6.6	10,021	2.7	1,311,289	17.3	308,099	6.0	13,498	3,923
With no delinquent land	.....	.....	700	0.2	.....	.....	43,000	0.9	.....	.....
With no report on delinquency	4,202	0.6	.....	.....	90,000	1.2	.....	.....	.....	.....
Enterprises not in arrears	606,370	92.0	364,743	97.1	5,833,743	77.1	4,761,345	93.1	16,644	8,104
With some delinquent land	45,878	7.0	161,814	43.1	1,101,441	14.6	1,666,413	32.6	16,644	8,104
With no delinquent land	505,091	76.6	186,279	49.6	3,924,102	51.8	2,953,932	57.8	.....	.....
With no report on delinquency	55,401	8.4	16,650	4.4	808,200	10.7	141,000	2.7	.....	.....
Enterprises not reporting on arrearage—with some delinquent land	5,361	0.8	.....	.....	332,000	4.4	.....	.....	2,200	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	659,136	7,567,032	1,905,858	493,335	1,166,985	32,342	219,809
Enterprises in debt	258,013	4,429,968	1,905,858	493,335	906,985	31,103	185,468
In arrears, amount of arrearage stated	47,405	1,401,289	823,710	493,335	250,099	13,498	95,092
Collecting drainage taxes in 1939	42,945	1,271,905	742,710	412,335	250,099	10,023	95,092
No collections reported	4,460	129,384	81,000	81,000	.....	3,475	.....
Not in arrears	205,247	2,696,679	960,984	.....	446,050	15,405	85,471
Collecting drainage taxes in 1939	136,257	1,780,777	651,271	.....	405,550	15,405	85,471
No collections reported	68,990	915,902	309,713	.....	40,500	.....	.....
Not reporting as to arrears	5,361	332,000	121,164	.....	210,836	2,200	4,905
Collecting drainage taxes in 1939	5,361	332,000	121,164	.....	210,836	2,200	4,905
Enterprises not in debt	343,299	2,369,254	.....	.....	120,000	1,239	29,930
Collecting drainage taxes in 1939	212,305	649,323	.....	.....	15,000	1,119	29,930
No collections reported	130,994	1,719,931	.....	.....	105,000	120	.....
Enterprises not reporting as to debt	57,824	767,810	.....	.....	140,000	.....	4,411
Collecting drainage taxes in 1939	57,824	767,810	.....	.....	140,000	.....	4,411

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	659,136	100.0	7,567,032	100.0	Protection against overflow	8,138	1.2	368,800	4.9
Improvement of land already in farms	58,308	8.9	799,072	10.5	Removal of alkali or seepage from irrigation	564,738	85.7	4,659,523	61.6
Reclamation of swamp land not previously in farms	27,952	4.2	1,739,637	23.0					

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	659,136	100.0	674,532	15,396	7,567,032	100.0
1900-1904	96,959	14.7	99,434	2,475	949,265	12.5
1905-1909	29,264	4.4	29,264	.....	237,303	3.1
1910-1914	123,387	18.7	123,387	.....	1,263,853	16.7
1915-1919	250,222	38.0	254,707	4,485	1,594,314	21.1
1920-1924	27,529	4.2	29,033	1,504	1,030,937	13.6
1925-1929	103,110	15.6	110,042	6,932	1,804,674	23.9
1930-1934	16,508	2.5	16,508	.....	469,203	6.2
1935-1939	12,157	1.9	12,157	.....	217,483	2.9

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	659,136	605,378	91.8	34,801	18,957	628,012	95.3	1,808	29,316	650,135	98.6	601,967	34,605	4,271
1900-1904	96,959	93,461	96.4	3,078	420	95,889	98.9	.....	1,070	95,889	98.9	88,212	650	.....
1905-1909	29,264	28,824	98.5	270	170	22,222	75.9	.....	7,042	26,392	90.2	21,059	7,042	4,000
1910-1914	123,387	120,051	97.3	1,502	1,834	122,387	99.2	.....	1,000	122,387	99.2	120,873	834	271
1915-1919	250,222	232,591	93.0	4,497	13,134	236,941	94.7	.....	13,281	248,558	99.3	230,131	13,282	.....
1920-1924	27,529	24,632	89.5	352	2,545	24,103	87.6	266	3,160	25,144	91.3	22,634	3,870	.....
1925-1929	103,110	78,064	75.7	24,192	854	101,924	98.8	722	464	103,100	99.9	95,509	4,411	.....
1930-1934	16,508	16,358	99.1	150	.....	15,758	95.4	450	300	16,508	100.0	14,761	1,147	.....
1935-1939	12,157	11,397	93.7	760	.....	8,788	72.3	370	2,999	12,157	100.0	8,788	3,369	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	659,136	627,611	558,226	69,385	86,153	0.14	0.15
Gravity drainage only	272,765	272,765	207,832	64,933	22,070	0.08	0.11
Open ditches only	197,992	197,992	172,583	25,409	15,434	0.08	0.09
Open ditches and levees	2,600	2,600	.....	2,600	.....	.....	.....
Tile drains only	229	229	.....	229	.....	.....	.....
Open ditches and tile drains	71,944	71,944	35,249	36,695	6,636	0.09	0.19
Pumping for all or part of drainage	386,371	354,846	350,394	4,452	64,083	0.18	0.18
All drainage by pumping	31,468	31,468	27,016	4,452	17,871	0.57	0.66
Part pumping and part gravity	354,903	323,378	323,378	.....	46,212	0.14	0.14

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	659,136	100.0	7,567,032	100.0
Method:				
By district forces	642,996	97.6	7,229,267	95.5
By contract	640	0.1	21,000	0.3
Work apportioned to landowners	2,035	0.3	102,282	1.4
"None," or not reporting	13,465	2.0	214,483	2.8
Whether systematic:				
Reporting "yes"	623,188	94.6	7,146,465	94.5
Reporting "no"	31,172	4.7	341,967	4.5
Not reporting	4,776	0.7	78,600	1.0

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	659,136	503,461	76.4
Capital invested.....dollars	7,567,032	5,021,034	66.4
Drainage works:			
Open ditches.....miles	968.1	605.5	62.5
Tile drains.....miles	174.6	124.5	71.3
Levees.....miles	95.4	45.0	47.2

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	248,774	4,305,439	529.5	6.2	57.4
Work Projects Administration	241,699	3,823,139	507.2	6.2	35.1
Other	7,075	482,300	22.3	.....	22.3

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COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Ada	Benewah	Blaine[1]	Boundary	Canyon
	LAND AREA						
1	Approximate land area.....acres....1940..	52,997,120	729,600	506,240	1,695,360	816,000	371,200
2	Drainage enterprises.....number...1940..	[2]57	5	5	1	15	10
3	Land in enterprises.....acres....1940..	659,136	59,351	2,656	2,500	31,934	181,396
4	1930..	375,464	56,223	2,797	([3])	31,137	106,256
5	1920..	64,642	5,800	1,912	.....	.....	12,200
6	Area of all enterprises, overlapping included.....acres....1940..	674,532	59,351	2,656	2,500	31,934	194,116
7	Amount of overlapping.....acres....1940..	15,396	.....	.....	.....	.....	12,720
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	605,378	58,187	2,651	2,500	30,932	152,625
9	1930..	333,204	52,223	2,626	([3])	26,411	93,671
10	Increase or decrease (-), 1930-1940,.....acres.....	272,174	5,964	25	.....	4,521	58,954
11	percent.....	81.7	11.4	1.0	.....	17.1	63.0
12	Land undrained, unfit for any crop.....acres....1940..	18,957	180	5	.....	419	1,347
13	1930..	13,670	3,800	171	.....	4,526	3,423
14	Increase or decrease (-), 1930-1940.....acres.....	5,287	-3,620	-166	.....	-4,107	-2,076
15	percent.....	38.7	-95.3	-97.1	.....	-90.7	-60.6
16	Land partly drained, for partial crop.....acres....1940..	34,801	984	.....	.....	583	27,424
17	1930..	28,590	200	.....	([3])	200	9,162
18	Increase or decrease (-), 1930-1940.....acres.....	6,211	784	.....	.....	383	18,262
19	percent.....	21.7	392.0	.....	.....	192.0	199.3
20	Improved land.....acres....1940..	628,012	58,356	2,641	2,500	29,517	176,743
21	1930..	354,575	52,208	2,612	([3])	22,280	103,393
22	1920..	52,098	5,655	1,075	.....	.....	12,165
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	1,808	.....	10	.....	1,798	.....
24	1930..	637	.....	32	.....	605	.....
25	1920..	87	.....	87	.....	.....	.....
26	Other unimproved land.....acres....1940..	29,316	995	5	.....	619	4,653
27	1930..	20,252	4,015	153	([3])	8,252	2,863
28	1920..	12,457	145	750	.....	.....	35
29	Land in occupied farms.....acres....1940..	650,135	58,871	2,656	2,500	31,924	180,142
30	1930..	362,303	52,723	2,562	([3])	27,577	101,616
31	Increase or decrease (-), 1930-1940.....acres.....	287,832	6,148	94	.....	4,347	78,526
32	percent.....	79.4	11.7	3.7	.....	15.8	77.3
33	Land in planted crops.....acres....1940..	601,967	55,777	2,131	2,500	23,457	166,052
34	1930..	334,546	51,608	2,482	([3])	21,480	99,071
35	Increase or decrease (-), 1930-1940.....acres.....	267,421	4,169	-351	.....	1,977	66,981
36	percent.....	79.9	8.1	-14.1	.....	9.2	67.6
37	Land idle.....acres....1940..	34,605	300	525	.....	6,622	4,280
38	1930..	28,673	4,100	110	.....	8,591	5,040
39	Increase or decrease (-), 1930-1940.....acres.....	5,932	-3,800	415	.....	-1,969	-760
40	percent.....	20.7	-92.7	377.3	.....	-22.9	-15.1
41	Land available for settlement.....acres....1940..	4,271	.....	.....	.....	.....	.....
42	1930..	6,836	3,500	60	([3])	2,200	1,000
43	Increase or decrease (-), 1930-1940.....acres.....	-2,565	-3,500	-60	.....	-2,200	-1,000
44	percent.....	-37.5	-100.0	-100.0	.....	-100.0	-100.0
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	197,992	35,125	.....	.....	.....	134,594
46	Length of these ditches.....miles.....	375.8	56.4	.....	.....	.....	199.8
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	2,600	.....	.....	.....	2,600	.....
49	Length of these ditches.....miles.....	4.5	.....	.....	.....	4.5	.....
50	Length of these levees.....miles.....	5.5	.....	.....	.....	5.5	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	229	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	3.7	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	71,944	19,140	.....	2,500	.....	9,271
60	Length of these open ditches.....miles.....	198.8	42.0	.....	6.0	.....	40.0
61	Length of these tile.....miles.....	74.0	1.0	.....	6.0	.....	0.4
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4].....acres.....	386,371	5,086	2,656	.....	29,334	37,531
69	Length of open ditches owned by these enterprises..miles.....	389.0	31.8	15.7	.....	87.2	69.3
70	Length of tile owned by these enterprises.....miles.....	96.9	2.1	0.2	.....	0.2	0.4
71	Length of levees owned by these enterprises.....miles.....	89.9	0.1	13.9	.....	75.6	0.3
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 50.
[3] Included in "Other counties."
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Cassia[1]	Elmore[1]	Minidoka[1]	Owyhee[1]	Payette	Other counties[2]
	LAND AREA							
1	Approximate land area	acres 1940	1,823,160	1,899,520	480,000	4,894,720	257,920	5,164,160
2	Drainage enterprises	number 1940	1	1	1	1	9	8
3	Land in enterprises	acres 1940	47,937	7,880	65,070	29,264	15,095	216,053
4		1930	47,947	.....	67,057	22,680	17,789	23,578
5		1920	.....	.....	30,000	.....	5,790	8,940
6	Area of all enterprises, overlapping included	acres 1940	47,937	7,880	65,070	29,264	17,771	216,053
7	Amount of overlapping	acres 1940	.....	.....	.....	.....	2,676	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop	acres 1940	46,945	6,880	63,726	28,824	13,873	198,235
9		1930	47,447	.....	60,674	16,675	15,894	17,583
10	Increase or decrease (-), 1930-1940	acres	-502	.....	3,052	12,149	-2,021	180,652
11		percent	-1.0	.....	5.0	72.8	-12.7	[3]
12	Land undrained, unfit for any crop	acres 1940	356	1,000	478	170	.....	15,002
13		1930	80	.....	1,300	.....	100	270
14	Increase or decrease (-), 1930-1940	acres	276	.....	-822	.....	-100	14,732
15		percent	345.0	.....	-63.2	.....	-100.0	[3]
16	Land partly drained, for partial crop	acres 1940	636	.....	866	270	1,222	2,816
17		1930	420	.....	5,083	6,005	1,795	5,725
18	Increase or decrease (-), 1930-1940	acres	216	.....	-4,217	-5,735	-573	-2,909
19		percent	51.4	.....	-83.0	-96.0	-31.9	-50.8
20	Improved land	acres 1940	47,937	6,880	65,070	22,222	15,095	201,051
21		1930	47,947	.....	67,057	22,680	14,894	21,504
22		1920	.....	.....	29,440	.....	1,000	2,763
	Unimproved land:							
23	Woodland and cut-over land	acres 1940	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....
25		1920	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres 1940	.....	1,000	.....	7,042	.....	15,002
27		1930	.....	.....	.....	.....	2,895	2,074
28		1920	.....	.....	560	.....	4,790	6,177
29	Land in occupied farms	acres 1940	47,937	6,880	65,070	26,392	15,095	212,668
30		1930	47,947	.....	67,057	22,680	17,789	22,352
31	Increase or decrease (-), 1930-1940	acres	-10	.....	-1,987	3,712	-2,694	190,316
32		percent	[4]	.....	-3.0	16.4	-15.1	851.4
33	Land in planted crops	acres 1940	47,581	6,200	64,592	21,059	14,093	198,525
34		1930	45,394	.....	60,674	22,375	14,894	16,568
35	Increase or decrease (-), 1930-1940	acres	2,187	.....	3,918	-1,316	-801	181,957
36		percent	4.8	.....	6.4	-5.9	-5.4	[3]
37	Land idle	acres 1940	356	.....	478	7,042	1,000	14,002
38		1930	.....	.....	6,383	.....	100	4,349
39	Increase or decrease (-), 1930-1940	acres	.....	.....	-5,905	.....	900	9,653
40		percent	.....	.....	-92.5	.....	900.0	222.0
41	Land available for settlement	acres 1940	43	.....	228	4,000	.....	.....
42		1930	.....	.....	.....	.....	.....	76
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	.....	.....	-76
44		percent	.....	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only	acres	.....	7,880	.....	.....	11,793	8,500
46	Length of these ditches	miles	.....	0.8	.....	.....	84.0	34.8
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	229	.....
53	Length of these tile	miles	.....	.....	.....	.....	3.7	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	29,264	3,073	8,696
60	Length of these open ditches	miles	.....	.....	.....	85.1	8.7	17.0
61	Length of these tile	miles	.....	.....	.....	28.8	3.5	34.3
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]	acres	47,937	.....	65,070	.....	.....	198,757
69	Length of open ditches owned by these enterprises	miles	28.0	.....	147.0	.....	.....	10.0
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	94.0
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes Bannock, Bonner, Franklin, Gem, Twin Falls, and Washington Counties in 1940; Bannock, Blaine, Bonner, Franklin, Gem, Kootenai, and Washington Counties in 1930; and Bannock, Bonner, and Gem Counties in 1920.
[3] Percent not shown where more than 1,000.
[4] Less than one-tenth of 1 percent.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Ada	Benewah	Blaine[1]	Boundary	Canyon
	DRAINAGE WORKS								
1	Drainage enterprises	number	1940	[2]57	5	5	1	15	10
	Open ditches:								
2	Completed	miles	1940	968.1	130.2	15.7	6.0	91.7	309.1
3			1930	651.2	92.5	22.5	([3])	62.9	157.0
4			1920	274.5	41.5	6.0	.....	.....	91.5
5	Additional length authorized	miles	1940	12.3	5.4	.....	.....	.....	6.1
	Tile drains:								
6	Completed	miles	1940	174.6	3.1	0.2	6.0	0.2	0.8
7			1930	19.9	1.0	0.6	.....	0.5	4.6
8			1920	1.8	.....	1.0	.....	.....	0.8
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed	miles	1940	95.4	0.1	13.9	.....	81.1	0.3
11			1930	74.8	.....	14.5	.....	56.6	.....
12			1920	9.5	.....	9.5	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity	horsepower	1940	2,292	30	205	.....	960	789
15			1930	1,435	10	295	.....	640	160
16			1920	285	.....	135	.....	.....	.....
17	Pump capacity	gal. per min.	1940	211,850	960	31,300	.....	119,010	44,230
18			1930	171,675	1,350	42,700	.....	77,600	8,800
19			1920	36,200	.....	13,700	.....	.....	.....
20	Land served by pumps	acres	1940	53,938	450	2,434	.....	29,334	17,650
21			1930	40,434	400	2,797	.....	29,937	3,320
22			1920	7,912	.....	1,912	.....	.....	.....
23	Wells pumped for drainage	number	1940	57	1	5	.....	12	37
24			1930	6	1	.....	.....	.....	5
	CAPITAL INVESTED								
25	Capital invested to January 1	dollars	1940	7,567,032	788,923	162,300	60,000	1,912,753	2,088,813
26			1930	5,112,444	619,483	155,367	([3])	1,558,923	1,138,227
27			1920	1,668,569	277,565	120,000	.....	.....	395,824
28	Estimated cost when completed	dollars	1940	8,177,119	818,923	167,300	60,000	1,915,253	2,122,530
29			1930	5,345,944	619,483	156,867	([3])	1,664,423	1,206,727
30			1920	1,788,569	284,423	120,000	.....	.....	398,966
31	Average cost per acre when completed	dollars	1940	12.40	13.80	62.99	24.00	59.98	11.70
32			1930	14.24	11.02	56.08	([3])	53.45	11.36
33			1920	27.67	49.04	62.76	.....	.....	32.70
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only	dollars		2,064,962	305,022	.....	.....	.....	1,386,998
35	Average amount per acre	dollars		10.43	8.68	.....	.....	.....	10.30
36	Enterprises having open ditches and levees	dollars		144,000	.....	.....	.....	144,000	.....
37	Average amount per acre	dollars		55.38	.....	.....	.....	55.38	.....
38	Enterprises having tile only	dollars		18,582	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		81.14	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		1,274,670	412,134	.....	60,000	.....	233,200
43	Average amount per acre	dollars		17.72	21.63	.....	24.00	.....	25.15
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4]	dollars		4,674,905	101,767	167,300	.....	1,771,253	502,332
47	Average amount per acre	dollars		12.10	20.01	62.99	.....	60.38	13.38
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants	dollars		64,083	([5])	1,858	.....	16,163	([5])
49	Enterprises reporting	number		19	1	4	.....	10	1
50	Land in these enterprises	acres		350,394	([5])	2,146	.....	25,392	([5])
51	Average cost per acre	dollars		0.18	([5])	0.86	.....	0.64	([5])
52	By enterprises not operating pumping plants	dollars		22,070	6,829	.....	100	.....	6,894
53	Enterprises reporting	number		21	3	.....	1	.....	5
54	Land in these enterprises	acres		207,832	54,265	.....	2,500	.....	121,865
55	Average cost per acre	dollars		0.11	0.12	.....	0.04	.....	0.06
	Federal aid in maintenance:								
56	Enterprises reporting	number		29	4	2	.....	8	6
57	Land in these enterprises	acres		248,774	55,149	([5])	.....	19,963	152,506
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939	dollars		219,809	28,503	4,039	5,500	109,328	44,360
59	Enterprises reporting	number		34	4	3	1	10	9
60	Land in these enterprises	acres		454,692	58,467	1,624	2,500	27,263	150,755
61	Average amount collected per acre	dollars		0.48	0.49	2.49	2.20	4.01	0.29
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		32,342	([3])	.....	.....	10,504	12,124
63	Enterprises reporting	number		22	2	.....	.....	8	4
64	Land in these enterprises	acres		94,442	([3])	.....	.....	23,484	31,230
65	Portion delinquent in these enterprises	percent		34.2	([3])	.....	.....	44.7	38.8
66	Total indebtedness, Dec. 31, 1939	dollars		1,905,858	399,683	17,500	36,000	594,552	596,163
67	Enterprises reporting	number		33	4	3	1	11	8
68	Land in these enterprises	acres		258,013	56,830	1,669	2,500	27,942	123,572
69	Average indebtedness per acre	dollars		7.39	7.03	10.48	14.40	21.28	4.82
70	Indebtedness in arrears, Dec. 31, 1939	dollars		493,335	([5])	.....	.....	([5])	([5])
71	Enterprises reporting	number		9	2	.....	.....	2	2
72	Land in these enterprises	acres		47,405	([5])	.....	.....	([5])	([5])
73	Average arrearage per acre	dollars		10.41	([5])	.....	.....	([5])	([5])
74	Reduction of debt by refinancing, prior to 1940	dollars		1,166,985	([5])	([5])	.....	804,886	194,449
75	Enterprises reporting	number		17	1	1	.....	10	3
76	Land in these enterprises	acres		132,307	([5])	([5])	.....	20,264	84,235
77	Average reduction per acre	dollars		8.82	([5])	([5])	.....	39.72	2.31

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 50.
[3] Included in "Other counties."
[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals.

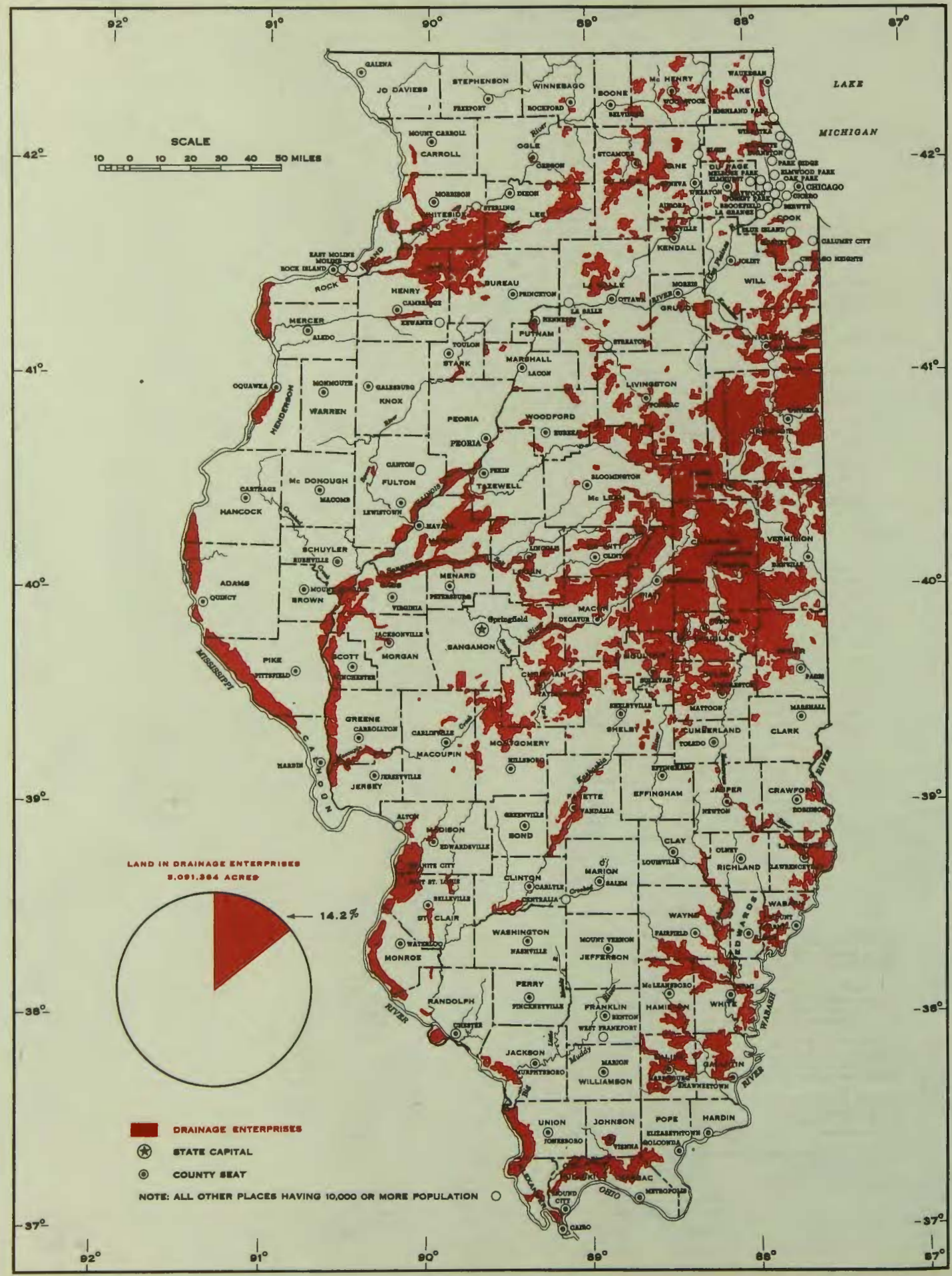
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Cassia[1]	Elmore[1]	Minidoka[1]	Owyhee[1]	Payette	Other counties[2]
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	1	1	1	1	9	8
	Open ditches:						
2	Completed.....miles.....1940..	28.0	0.8	147.0	85.1	92.7	61.8
3	1930..	14.0	.....	128.0	27.8	73.6	82.9
4	1920..	.....	.....	108.0	.....	3.0	24.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	0.8	.....
	Tile drains:						
6	Completed.....miles.....1940..	.....	.....	.....	28.8	7.2	128.3
7	1930..	.....	.....	.....	.....	5.8	7.4
8	1920..	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Levees and dikes:						
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	3.7
12	1920..	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity.....horsepower....1940..	288	.....	.....	.....	.....	20
15	1930..	45	.....	210	.....	.....	75
16	1920..	.....	.....	150	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	15,000	.....	.....	.....	.....	1,350
18	1930..	7,000	.....	24,225	.....	.....	10,000
19	1920..	.....	.....	22,500	.....	.....	.....
20	Land served by pumps.....acres.....1940..	4,000	.....	.....	.....	.....	70
21	1930..	2,260	.....	1,200	.....	.....	520
22	1920..	.....	.....	6,000	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	2
24	1930..	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED						
25	Capital invested to January 1.....dollars.....1940..	192,360	1,600	1,009,893	237,303	337,638	775,449
26	1930..	61,000	.....	749,430	122,600	288,225	419,189
27	1920..	.....	.....	778,000	.....	22,667	74,513
28	Estimated cost when completed.....dollars.....1940..	272,360	1,600	1,429,893	270,173	343,638	775,449
29	1930..	61,000	.....	757,430	172,600	288,225	419,189
30	1920..	.....	.....	778,000	.....	86,000	121,180
31	Average cost per acre when completed.....dollars.....1940..	5.68	0.20	21.97	9.23	22.76	3.59
32	1930..	1.27	.....	11.30	7.61	16.20	17.78
33	1920..	.....	.....	25.93	.....	14.85	13.55
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only.....dollars..	.....	1,600	.....	.....	206,493	164,849
35	Average amount per acre.....dollars..	.....	0.20	.....	.....	17.51	19.17
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	18,582	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	81.14	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	270,173	118,563	180,600
43	Average amount per acre.....dollars..	.....	.....	.....	9.23	38.58	20.77
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	272,360	.....	1,429,893	.....	.....	430,000
47	Average amount per acre.....dollars..	5.68	.....	21.97	.....	.....	2.16
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants.....dollars..	2,940	.....	15,436	.....	.....	[4]
49	Enterprises reporting.....number...	1	.....	1	.....	.....	1
50	Land in these enterprises.....acres....	47,937	.....	65,070	.....	.....	[4]
51	Average cost per acre.....dollars..	0.06	.....	0.24	.....	.....	[4]
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	5,062	3,185
53	Enterprises reporting.....number...	.....	.....	.....	.....	7	5
54	Land in these enterprises.....acres....	.....	.....	.....	.....	14,866	14,336
55	Average cost per acre.....dollars..	.....	.....	.....	.....	0.34	0.22
	Federal aid in maintenance:						
56	Enterprises reporting.....number...	.....	.....	.....	.....	7	2
57	Land in these enterprises.....acres....	.....	.....	.....	.....	14,866	[4]
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939.....dollars..	.....	.....	.....	.....	3,450	24,629
59	Enterprises reporting.....number...	.....	.....	.....	.....	4	3
60	Land in these enterprises.....acres....	.....	.....	.....	.....	9,590	204,493
61	Average amount collected per acre.....dollars..	.....	.....	.....	.....	0.36	0.12
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	1,080	[5] 8,634
63	Enterprises reporting.....number...	.....	.....	.....	.....	4	[5] 4
64	Land in these enterprises.....acres....	.....	.....	.....	.....	8,831	[5] 30,897
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	12.2	27.9
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	.....	85,960	.....	176,000
67	Enterprises reporting.....number...	.....	.....	.....	1	.....	5
68	Land in these enterprises.....acres....	.....	.....	.....	29,264	.....	16,236
69	Average indebtedness per acre.....dollars..	.....	.....	.....	2.94	.....	10.84
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	81,000
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	3
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	4,460
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	18.16
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	[4]	[4]
75	Enterprises reporting.....number...	.....	.....	.....	.....	1	1
76	Land in these enterprises.....acres....	.....	.....	.....	.....	[4]	[4]
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	[4]	[4]

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Bannock, Bonner, Franklin, Gem, Twin Falls, and Washington Counties in 1940; Bannock, Blain, Bonner, Franklin, Gem, Kootenai, and Washington Counties in 1930; and Bannock, Bonner, and Gem Counties in 1920. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Where there are less than 3 enterprises reporting, data are included only in the State totals. [5] Includes data for Ada County with those for other counties named in footnote 2.

ILLINOIS

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	35,806,080	35,867,520	35,867,520	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	5,091,364	5,032,682	3,909,049	58,682	1.2	1,123,633	28.7
Improved.....acres.....	4,750,910	4,745,840	3,532,316	5,070	0.1	1,213,524	34.4
Unimproved:							
Timber and cut-over.....acres.....	193,198	175,571	184,573	17,627	10.0	-9,002	-4.9
Other.....acres.....	147,256	111,271	192,160	35,985	32.3	-80,889	-42.1
Drainage sufficient for normal crop.....acres.....	4,754,490	4,510,111	(1)	244,379	5.4	.....	.....
Partly drained, for partial crop.....acres.....	190,217	246,771	(1)	-56,554	-22.9	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	146,657	275,800	[2] 228,337	-129,143	-46.8	47,463	20.8
In occupied farms.....acres.....	4,911,263	5,005,376	(1)	-94,113	-1.9	.....	.....
In planted crops.....acres.....	4,549,562	4,248,907	(1)	300,655	7.1	.....	.....
Idle.....acres.....	273,248	232,052	(1)	41,196	17.8	.....	.....
Open ditches, completed.....miles.....	6,862.2	5,996.4	4,754.5	865.8	14.4	1,241.9	26.1
Tile drains, completed.....miles.....	4,246.6	3,825.6	3,507.1	421.0	11.0	318.5	9.1
Drainage pumping plants, capacity.....horsepower....	23,206	18,658	18,225	4,548	24.4	433	2.4
gal. per min..	3,632,600	3,156,700	2,843,066	475,900	15.1	313,634	11.0
Capital invested in enterprises.....dollars.....	72,567,174	[3] 74,565,923	43,595,069	-1,998,749	-2.7	[3] 30,970,854	[3] 71.0
Average per acre.....dollars.....	14.25	[3] 14.82	11.15	-0.57	-3.8	[3] 3.67	[3] 32.9

[1] Not available. [2] Reported as "Swampy, subject to overflow, seeped, or alkali." [3] Revised.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises	5,897,124	5,741,916	4,090,599	5,091,364
Less than 100 acres	1,319	516	3,951	1,135
100 to 199 acres	4,314	3,393		4,044
200 to 499 acres	80,960	69,788	50,556	75,884
500 to 999 acres	330,937	320,566	210,371	305,152
1,000 to 1,999 acres	747,792	2,160,720	1,547,003	686,549
2,000 to 4,999 acres	1,598,036			1,464,159
5,000 to 9,999 acres	1,342,317	1,360,351	976,666	1,188,957
10,000 to 19,999 acres	1,008,760	1,728,101	1,239,719	831,889
20,000 to 49,999 acres	684,208			477,322
50,000 to 99,999 acres	98,481	98,481	62,333	56,273

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	5,091,364	100.0	72,567,174	100.0
Drainage districts	5,054,612	99.3	72,269,383	99.6
County drains	1,400	(1)	72,000	0.1
Township drains	3,307	0.1	44,930	0.1
State projects	1,223	(1)	37,000	(1)
Individually owned projects	30,822	0.6	143,861	0.2

[1] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises	5,091,364	100.0	5,032,682	100.0	3,909,049	100.0	72,567,174	100.0	[2] 74,565,923	100.0	43,595,069	100.0
Gravity drainage only by—												
Open ditches	2,243,748	44.1	2,118,459	42.1			23,068,081	31.8	30,286,003	[2] 40.6		
Tile drains	723,590	14.2	701,261	13.9	3,583,206	91.7	6,740,652	9.3	[2] 5,664,200	[2] 7.6	31,533,478	72.3
Open ditches and tile drains	1,726,495	33.9	1,855,984	36.9			16,496,734	22.7	19,399,653	[2] 26.0		
All drained by pumping by—												
Open ditches	208,128	4.1					15,724,858	21.7				
Tile drains	1,644	(3)	232,934	4.6	157,360	4.0	67,062	0.1	14,191,551	19.1	6,226,386	14.3
Open ditches and tile drains	115,727	2.3					7,433,466	10.2				
Part only by pumping by—												
Open ditches	44,919	0.9					1,896,582	2.6				
Tile drains	.....	.....	124,044	2.5	168,483	4.3	.....	.....	5,024,516	6.7	5,835,205	13.4
Open ditches and tile drains	27,113	0.5					1,139,739	1.6				
Total area served by pumps	375,437	7.4	331,448	6.6	291,816	7.5	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified. [2] Revised. [3] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER	Enterprises	CAPACITY			Land served
		Engine or motor		Pump	
	Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises....1940..	68	23,206	100.0	3,648,100	375,437
1930..	60	18,658	100.0	3,156,700	331,448
1920..	48	18,225	100.0	2,843,066	291,816
Steam....1940..	9	2,560	11.0	429,150	47,516
1930..	7	2,425	13.0	451,000	50,143
1920..	22	5,805	31.9	1,070,900	137,291
Electric....1940..	27	6,893	29.7	1,096,450	119,569
1930..	29	8,158	43.7	1,395,700	157,518
1920..	21	10,445	57.3	1,529,666	134,959
Internal combustion....1940..	24	9,283	40.0	1,483,900	155,310
1930..	14	2,075	11.1	323,000	45,111
1920..	4	325	1.8	52,500	4,243
Steam and electric....1940..	3	2,100	9.0	260,900	13,096
1930..	1	1,650	8.8	250,000	12,318
1920..	1	1,650	9.1	190,000	15,323
Steam and internal combustion....1940..	1	500	2.2	80,000	8,000
1930..	5	2,830	15.2	513,000	43,367
1920..	.....	.....	.....	.....	.....
Electric and internal combustion....1940..	4	1,870	8.1	297,700	31,946
1930..	4	1,520	8.2	224,000	22,991
1920..	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP	PUMPS			Engine or motor capacity	Land served
	Number	Capacity			
		G.p.m.	Percent	Hp.	Acres
All pumping enterprises....1940..	125	3,648,100	100.0	23,206	375,437
1930..	120	3,156,700	100.0	18,658	331,448
Centrifugal....1940..	107	2,637,600	72.3	17,973	284,884
1930..	101	2,614,200	82.8	15,453	254,955
Rotary....1940..	2	40,000	1.1	240	6,370
1930..	11	276,000	8.8	1,530	39,427
Screw....1940..	13	860,500	23.6	4,223	70,464
1930..	.....	.....	.....	.....	.....
Centrifugal and screw....1940..	3	110,000	3.0	770	13,719
1930..	8	266,500	8.4	1,675	37,066

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	5,091,364	100.0	5,032,682	100.0	72,567,174	100.0	[2]74,565,923	100.0	143,747	94,944
Enterprises in arrears	232,081	4.6	160,300	3.2	8,031,608	11.1	4,712,722	6.3	48,765	38,699
With some delinquent land	153,651	3.0	114,809	2.3	5,951,996	8.2	4,141,820	5.5	48,765	38,699
With no delinquent land	47,468	1.0	16,790	0.3	845,610	1.2	142,011	0.2	.....	.....
With no report on delinquency	30,962	0.6	28,701	0.6	1,234,002	1.7	428,891	0.6	.....	.....
Enterprises not in arrears	4,806,407	94.4	4,872,382	96.8	63,205,067	87.1	[2]69,853,201	93.7	94,982	56,245
With some delinquent land	439,823	8.7	417,495	8.3	9,741,479	13.4	11,677,036	[2]15.7	94,982	56,245
With no delinquent land	4,313,439	84.7	4,175,927	83.0	52,180,663	71.9	53,033,666	[2]71.1	.....	.....
With no report on delinquency	53,145	1.0	278,960	5.5	1,282,925	1.8	[2]5,142,499	[2]6.9	.....	.....
Enterprises not reporting on arrearage	52,876	1.0	.....	.....	1,330,499	1.8	.....	.....	.....	.....
With no delinquent land	6,304	0.1	.....	.....	553,615	0.7	.....	.....	.....	.....
With no report on delinquency	46,572	0.9	.....	.....	776,884	1.1	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication. [2] Revised.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	5,091,364	72,567,174	6,974,400	842,282	4,302,649	143,747	1,617,438
Enterprises in debt	[2]864,748	31,842,488	6,974,400	842,282	4,040,654	84,446	1,133,819
In arrears, amount of arrearage stated	216,114	7,545,415	1,840,643	842,282	1,538,541	48,765	156,916
Collecting drainage taxes in 1939	167,931	5,968,866	1,516,761	635,868	1,445,321	39,393	156,916
No collections reported	48,183	1,576,549	323,882	206,414	93,220	9,372	.....
In arrears, amount not stated	[2]15,967	486,193	70,000	.....	19,367	.....	7,500
Collecting drainage taxes in 1939	5,600	235,125	28,500	.....	.....	.....	7,500
No collections reported	[2]10,367	251,068	41,500	.....	19,367	.....	.....
Not in arrears	632,667	23,810,880	5,063,757	.....	2,482,746	35,681	969,403
Collecting drainage taxes in 1939	558,683	22,546,766	4,941,702	.....	2,439,198	35,081	969,403
No collections reported	73,984	1,264,114	122,055	.....	43,548	600	.....
Enterprises not in debt	4,162,307	39,236,987	.....	.....	261,995	59,301	478,264
Collecting drainage taxes in 1939	1,099,126	12,858,038	.....	.....	261,995	56,026	478,264
No collections reported	3,063,181	26,378,949	.....	.....	.....	3,275	.....
Enterprises not reporting as to debt	64,309	1,487,699	.....	.....	.....	.....	5,355
Collecting drainage taxes in 1939	5,713	30,132	.....	.....	.....	.....	5,355
No collections reported	58,596	1,457,567	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 3,914 acres for which amount of indebtedness was not reported.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	5,091,364	100.0	72,567,174	100.0
Improvement of land already in farms	4,582,563	90.0	52,073,385	71.8
Reclamation of swamp land not previously in farms	169,900	3.3	3,327,590	4.6
Protection against overflow	338,901	6.7	17,166,199	23.6

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	5,091,364	100.0	5,897,124	805,760	72,567,174	100.0
1870-1879	34,948	0.7	42,353	7,405	1,065,128	1.5
1880-1889	923,504	18.1	1,224,822	301,318	14,617,920	20.2
1890-1899	635,868	12.5	794,933	159,065	5,387,387	7.4
1900-1904	572,455	11.2	695,164	122,709	5,862,956	8.1
1905-1909	931,347	18.3	1,039,140	107,793	19,319,918	26.6
1910-1914	780,275	15.3	857,123	76,848	10,794,761	14.9
1915-1919	389,340	7.7	396,512	7,172	6,126,515	8.4
1920-1924	269,663	5.3	282,463	12,800	4,282,652	5.9
1925-1929	352,612	6.9	363,262	10,650	4,087,702	5.6
1930-1934	122,902	2.4	122,902	.....	667,127	0.9
1935-1939	78,450	1.6	78,450	.....	355,108	0.5

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*
All enterprises	5,091,364	4,754,490	93.4	190,217	146,657	4,750,910	93.3	193,198	147,256	4,911,263	96.5	4,549,562	273,248	.....
1870-1879	34,948	32,062	91.7	143	2,443	30,492	87.2	170	4,286	34,703	99.3	28,796	5,845	.....
1880-1889	923,504	854,376	92.5	45,556	23,572	866,204	93.8	13,168	44,132	909,553	98.5	841,101	43,032	.....
1890-1899	635,868	604,090	95.0	17,701	14,077	601,824	94.6	18,058	15,986	617,871	97.2	574,547	28,114	.....
1900-1904	572,455	552,241	96.5	9,949	10,265	552,136	96.4	10,482	9,837	565,227	98.7	531,253	18,334	.....
1905-1909	931,347	865,713	93.0	25,743	39,891	864,385	92.8	32,741	34,221	908,625	97.6	831,036	70,806	.....
1910-1914	780,275	680,427	87.2	63,142	36,706	688,221	88.2	69,504	22,550	708,160	90.8	641,311	60,068	.....
1915-1919	389,340	371,689	95.5	8,560	9,091	373,715	96.0	9,974	5,651	381,885	98.1	360,207	13,101	.....
1920-1924	269,663	253,503	94.0	12,404	3,756	251,181	93.1	14,202	4,280	258,918	96.0	239,165	12,954	.....
1925-1929	352,612	342,671	97.2	4,647	5,294	324,588	92.0	23,966	4,058	325,661	92.4	312,681	11,103	.....
1930-1934	122,902	122,688	99.8	92	122	122,165	99.4	368	369	122,495	99.7	114,108	7,785	.....
1935-1939	78,450	75,030	95.6	1,980	1,440	75,999	96.9	565	1,886	78,165	99.6	75,357	2,106	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	5,091,364	5,026,560	2,309,525	2,717,035	1,049,344	0.21	0.45
Gravity drainage only	4,693,833	4,632,399	1,935,644	2,696,755	490,414	0.10	0.25
Open ditches only	1,870,093	1,839,923	796,770	1,043,153	138,883	0.08	0.17
Open ditches and levees	373,655	366,256	307,151	59,105	128,029	0.35	0.42
Tile drains only	721,420	717,226	95,171	622,055	37,842	0.05	0.40
Tile drains and levees	2,170	2,170	.....	2,170	.....	.....	.....
Open ditches and tile drains	1,702,391	1,682,720	731,606	951,114	177,760	0.10	0.24
Open ditches, tile drains, and levees	24,104	24,104	4,946	19,158	7,900	0.33	1.60
Pumping for all or part of drainage	397,531	394,161	373,881	20,280	558,930	1.42	1.49
All drainage by pumping	325,499	322,129	303,072	19,057	498,056	1.55	1.64
Part pumping and part gravity	72,032	72,032	70,809	1,223	60,874	0.84	0.86

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	5,091,364	100.0	72,567,174	100.0
Method:				
By district forces	767,585	15.1	21,760,889	30.0
By contract	3,537,999	69.5	42,576,827	58.7
Work apportioned to landowners	407,817	8.0	3,368,969	4.6
"None," or not reporting	377,963	7.4	4,860,489	6.7
Whether systematic:				
Reporting "yes"	2,654,097	52.1	47,173,611	65.0
Reporting "no"	2,377,444	46.7	24,698,943	34.0
Not reporting	59,823	1.2	694,620	1.0

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	5,091,364	271,693	5.3
Capital invested.....dollars	72,567,174	9,369,042	12.9
Drainage works:			
Open ditches.....miles	6,862.2	434.9	6.3
Tile drains.....miles	4,246.6	78.0	1.8
Levees.....miles	1,157.8	269.9	23.3

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	923,684	26,921,594	1,433.3	382.8	553.4
Works Projects Administration	297,869	3,256,622	500.0	206.2	66.8
Civilian Conservation Corps	271,807	5,492,160	474.8	139.2	55.5
Corps of Engineers, U.S.A.	112,333	2,806,846	125.2	3.5	169.9
W.P.A. and C.C.C.	21,678	1,252,460	29.2	8.0	42.2
W.P.A. and Corps of Engineers	69,042	7,946,340	50.6	.....	51.4
C.C.C. and Corps of Engineers	10,541	279,000	20.0	1.3	12.0
Other kind or combination	140,414	5,888,166	233.5	24.6	155.6

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	5,091,364	[1] 415,225	8.2
Capital invested.....dollars	72,567,174	9,646,399	13.3
Drainage works:			
Open ditches.....miles	6,862.2	672.9	9.8
Tile drains.....miles	4,246.6	20.5	0.5
Levees.....miles	1,157.8	310.4	26.8

[1] The land actually dependent upon outside agencies for protection is 341,779 acres, which is 82.3 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Adams	Alexander	Brown	Bureau	Carroll
	LAND AREA						
1	Approximate land area.....acres....1940..	35,803,080	554,240	143,360	196,480	555,520	299,520
2	Drainage enterprises.....number...1940..	[1]1,961	4	6	3	15	3
3	Land in enterprises.....acres....1940..	3,091,364	40,270	28,351	7,821	61,380	4,600
4	1930..	5,032,682	42,322	28,393	9,000	55,537	9,300
5	1920..	3,909,049	56,843	18,875	7,890	64,788	4,690
6	Area of all enterprises, overlapping included.....acres....1940..	5,897,124	44,445	28,351	7,821	61,800	5,032
7	Amount of overlapping.....acres....1940..	805,760	4,175	.....	.....	420	432
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	4,754,490	32,855	17,328	4,759	58,317	4,600
9	1930..	4,510,111	38,773	28,393	6,475	49,217	7,700
10	Increase or decrease (-), 1930-1940.....acres.....	244,379	-5,918	-11,065	-1,716	9,100	-3,100
11	percent.....	5.4	-15.3	-39.0	-26.5	18.5	-40.2
12	Land undrained, unfit for any crop.....acres....1940..	146,657	2,299	5,230	639	630	.....
13	1930..	275,800	2,278	.....	1,825	2,320	500
14	Increase or decrease (-), 1930-1940.....acres.....	-129,143	21	5,230	-1,186	-1,690	-500
15	percent.....	-46.8	0.9	.....	-65.0	-72.8	-100.0
16	Land partly drained, for partial crop.....acres....1940..	190,217	5,116	5,793	2,423	2,433	.....
17	1930..	246,771	1,271	.....	700	4,000	1,100
18	Increase or decrease (-), 1930-1940.....acres.....	-56,554	3,845	5,793	1,723	-1,567	-1,100
19	percent.....	-22.9	302.5	.....	246.1	-39.2	-100.0
20	Improved land.....acres....1940..	4,750,910	32,203	18,845	6,538	57,801	4,585
21	1930..	4,745,840	37,905	26,593	8,300	55,037	7,400
22	1920..	3,532,316	39,831	13,319	6,122	63,360	3,646
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	193,198	270	7,633	763	656	15
24	1930..	175,571	2,563	1,800	550	.....	500
25	1920..	184,573	15,269	3,886	965	693	170
26	Other unimproved land.....acres....1940..	147,256	7,797	1,873	500	2,923	.....
27	1930..	111,271	1,854	.....	150	500	1,400
28	1920..	192,160	1,743	1,670	803	735	874
29	Land in occupied farms.....acres....1940..	4,911,263	40,201	18,795	7,821	61,224	4,600
30	1930..	5,005,376	40,904	28,393	9,000	55,537	9,300
31	Increase or decrease (-), 1930-1940.....acres.....	-94,113	-703	-9,598	-1,179	5,687	-4,700
32	percent.....	-1.9	-1.7	-33.8	-13.1	10.2	-50.5
33	Land in planted crops.....acres....1940..	4,549,562	31,508	16,700	5,867	56,103	4,445
34	1930..	4,248,907	27,400	24,693	7,080	52,562	4,900
35	Increase or decrease (-), 1930-1940.....acres.....	300,655	4,108	-7,993	-1,213	3,541	-455
36	percent.....	7.1	15.0	-32.4	-17.1	6.7	-9.3
37	Land idle.....acres....1940..	273,248	8,693	1,800	974	3,369	155
38	1930..	232,052	7,381	900	275	100	440
39	Increase or decrease (-), 1930-1940.....acres.....	41,196	1,312	900	699	3,269	-285
40	percent.....	17.8	17.8	100.0	254.2	[2]	-64.8
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	1,870,093	.....	3,333	.....	23,630	432
46	Length of these ditches.....miles.....	3,342.7	.....	6.0	.....	56.5	0.5
47	Part protected by levees of an outside agency.....acres.....	115,674	.....	.....	.....	640	.....
48	Land drained by open ditches and own levees.....acres.....	373,655	3,755	14,550	.....	.....	768
49	Length of these ditches.....miles.....	604.8	4.2	20.5	.....	.....	0.8
50	Length of these levees.....miles.....	540.1	7.2	20.5	.....	.....	2.5
51	Part protected by levees of an outside agency.....acres.....	175,542	.....	3,650	.....	.....	.....
52	Land drained by tile only.....acres.....	721,420	.....	.....	.....	800	.....
53	Length of these tile.....miles.....	1,886.5	.....	.....	.....	2.0	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	2,170	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	2.8	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	5.0	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,702,391	.....	4,073	.....	36,950	.....
60	Length of these open ditches.....miles.....	2,172.9	.....	9.4	.....	59.3	.....
61	Length of these tile.....miles.....	2,199.5	.....	1.1	.....	16.7	.....
62	Part protected by levees of an outside agency.....acres.....	3,080	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	24,104	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	34.2	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	12.3	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	18.7	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	1,500	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	397,531	36,515	6,395	7,821	.....	3,400
69	Length of open ditches owned by these enterprises..miles.....	707.7	66.7	2.0	17.0	.....	10.0
70	Length of tile owned by these enterprises.....miles.....	145.5	20.9	.....	10.0	.....	.....
71	Length of levees owned by these enterprises.....miles.....	594.0	56.0	15.0	17.2	.....	3.5
72	Part protected by levees of an outside agency.....acres.....	45,983	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 1,695.
[2] Percent not shown when more than 1,000.
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

CENSUS OF DRAINAGE — ILLINOIS

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Cass	Champaign	Christian	Clark	Clinton	Coles
	LAND AREA						
1	Approximate land area.....acres....1940..	236,800	640,000	453,760	323,200	318,720	324,480
2	Drainage enterprises.....number...1940..	16	274	81	3	4	71
3	Land in enterprises.....acres....1940..	46,691	458,051	132,456	4,550	8,723	93,238
4	1930..	46,974	443,262	147,761	6,590	9,045	111,907
5	1920..	35,109	331,646	110,129	5,344	8,303	65,595
6	Area of all enterprises, overlapping included.....acres....1940..	50,462	624,791	144,697	4,550	8,723	99,588
7	Amount of overlapping.....acres....1940..	3,771	166,740	12,241	.....	.....	6,350
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	38,591	457,200	132,018	4,094	6,574	93,238
9	1930..	35,431	426,302	147,261	6,290	5,275	111,907
10	Increase or decrease (-), 1930-1940.....acres.....	3,160	30,898	-15,243	-2,196	1,299	-18,669
11	percent.....	8.9	7.2	-10.4	-34.9	24.6	-16.7
12	Land undrained, unfit for any crop.....acres....1940..	4,281	651	.....	.....	.....	.....
13	1930..	6,031	14,950	.....	300	2,200	.....
14	Increase or decrease (-), 1930-1940.....acres[1].....	-1,750	-14,299	.....	-300	-2,200	.....
15	percent.....	-29.0	-95.6	.....	-100.0	-100.0	.....
16	Land partly drained, for partial crop.....acres....1940..	3,819	200	438	456	2,149	.....
17	1930..	5,512	2,010	500	.....	1,570	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-1,693	-1,810	-62	456	579	.....
19	percent.....	-30.7	-90.0	-12.4	.....	36.9	.....
20	Improved land.....acres....1940..	37,494	456,169	131,731	4,364	7,499	93,238
21	1930..	38,676	440,962	147,261	6,430	6,825	111,807
22	1920..	26,022	327,787	108,690	4,810	7,955	65,132
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	3,961	1,832	575	86	200	.....
24	1930..	1,768	1,800	500	90	405	.....
25	1920..	1,292	1,899	.....	174	348	450
26	Other unimproved land.....acres....1940..	5,236	50	150	100	1,024	.....
27	1930..	6,530	500	.....	70	1,815	100
28	1920..	7,795	1,960	1,439	360	.....	13
29	Land in occupied farms.....acres....1940..	43,015	456,996	132,456	4,550	7,913	92,249
30	1930..	46,974	443,262	147,761	6,590	9,045	111,907
31	Increase or decrease (-), 1930-1940.....acres.....	-3,959	13,734	-15,305	-2,040	-1,132	-19,658
32	percent.....	-8.4	3.1	-10.4	-31.0	-12.5	-17.6
33	Land in planted crops.....acres....1940..	36,173	455,566	126,736	4,364	7,370	91,700
34	1930..	35,336	404,655	135,019	6,330	6,450	99,645
35	Increase or decrease (-), 1930-1940.....acres.....	837	50,911	-8,283	-1,966	920	-7,945
36	percent.....	2.4	12.6	-6.1	-31.0	14.3	-8.0
37	Land idle.....acres....1940..	6,387	911	1,381	186	789	1,188
38	1930..	3,671	560	1,192	.....	1,735	190
39	Increase or decrease (-), 1930-1940.....acres.....	2,716	351	189	186	-946	998
40	percent.....	74.0	62.7	15.8	.....	-545	525.3
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	15,370	179,888	8,430	4,550	.....	16,537
46	Length of these ditches.....miles.....	27.0	295.7	19.0	7.5	.....	28.2
47	Part protected by levees of an outside agency.....acres.....	5,985	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	12,315	.....	4,800	.....	5,623	.....
49	Length of these ditches.....miles.....	25.9	.....	8.0	.....	17.6	.....
50	Length of these levees.....miles.....	29.1	.....	4.0	.....	5.2	.....
51	Part protected by levees of an outside agency.....acres.....	2,133	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	109,963	30,763	.....	.....	24,070
53	Length of these tile.....miles.....	.....	299.8	124.8	.....	.....	71.4
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	168,200	88,463	.....	.....	52,631
60	Length of these open ditches.....miles.....	.....	159.4	179.1	.....	.....	60.1
61	Length of these tile.....miles.....	.....	157.9	225.6	.....	.....	103.0
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	3,104	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	5.5	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	0.8	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	2.4	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2].....acres.....	15,902	.....	.....	.....	3,100	.....
69	Length of open ditches owned by these enterprises..miles.....	44.0	.....	.....	.....	9.3	.....
70	Length of tile owned by these enterprises.....miles.....	23.0	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	34.8	.....	.....	.....	10.4	.....
72	Part protected by levees of an outside agency.....acres.....	7,676	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

[2] Data in lines 68 to 72 are not included in lines 45 to 67.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Cook	Crawford	Cumberland	De Kalb	De Witt	Douglas	Du Page	Edgar	Edwards	Fayette	Ford	
610,560	282,880	222,080	407,040	255,360	268,800	211,840	401,920	144,000	459,520	312,320	1
21	7	9	26	31	85	7	42	5	12	88	2
56,486	20,945	7,479	69,729	83,518	139,393	9,189	125,207	7,642	41,185	203,944	3
38,309	19,400	11,374	53,297	85,618	206,819	17,760	133,579	5,282	39,850	166,941	4
37,532	17,589	7,207	46,900	36,200	155,823	15,019	63,442	9,011	40,562	136,175	5
56,486	25,407	8,019	71,859	99,958	285,586	9,189	135,787	7,902	41,185	267,528	6
.....	4,522	540	2,140	16,440	146,193	.....	10,580	260	.....	63,584	7
55,476	16,486	7,479	69,689	83,518	138,328	9,109	125,207	6,762	29,111	199,970	8
34,282	10,470	11,374	52,331	85,618	200,711	17,460	133,552	4,381	7,835	114,824	9
21,194	6,016	-3,895	17,358	-2,100	-62,383	-8,351	-8,345	2,381	21,276	85,146	10
61.8	57.4	-34.2	33.2	-2.4	-31.1	-47.8	-6.2	54.3	271.6	74.2	11
665	2,276	.....	40	.....	59	80	.....	350	9,420	.....	12
2,397	5,500	.....	810	.....	5,148	200	20	475	21,812	390	13
-1,732	-3,224	.....	-770	.....	-5,089	-120	-20	-125	-12,392	-390	14
-72.2	-58.6	.....	-95.1	.....	-98.8	-60.0	-100.0	-26.3	-56.8	-100.0	15
345	2,183	.....	.....	.....	1,006	.....	.....	530	2,654	3,974	16
1,630	3,430	.....	156	.....	960	100	7	406	10,203	51,727	17
-1,285	-1,247	.....	-156	.....	46	-100	-7	124	-7,549	-47,753	18
-78.8	-36.4	.....	-100.0	.....	4.8	-100.0	-100.0	30.5	-74.0	-92.3	19
55,705	18,159	7,469	69,660	83,518	139,298	9,069	125,207	5,890	30,882	201,957	20
36,504	17,360	11,374	52,270	85,618	205,519	17,560	132,915	4,430	30,763	165,771	21
35,373	15,604	6,494	38,100	36,184	155,525	13,915	60,531	7,752	28,543	113,953	22
311	1,557	10	29	.....	55	120	.....	1,520	6,983	1,987	23
148	1,240	.....	3	.....	.....	25	381	601	6,260	820	24
531	1,985	43	.....	16	.....	.....	525	1,259	11,885	722	25
470	1,229	.....	40	.....	40	.....	.....	232	3,320	.....	26
1,657	800	.....	1,024	.....	1,300	175	283	231	2,827	350	27
1,628	.....	670	8,800	.....	298	1,104	2,386	.....	134	21,500	28
50,308	20,837	6,979	69,729	83,518	139,344	9,189	113,910	6,220	41,185	199,970	29
38,161	19,400	11,374	53,297	85,618	206,079	17,760	133,579	5,262	39,850	166,941	30
12,147	1,437	-4,395	16,432	-2,100	-66,735	-8,571	-19,669	958	1,335	33,029	31
31.8	7.4	-38.6	30.8	-2.4	-32.4	-48.3	-14.7	18.2	3.4	19.8	32
44,341	14,705	6,969	66,750	79,158	135,549	6,970	102,741	5,500	24,483	199,970	33
30,030	9,500	9,940	49,598	77,058	185,920	16,015	120,181	3,260	13,958	137,462	34
14,311	5,205	-2,971	17,152	-2,100	-50,371	-9,045	-17,440	2,240	10,525	62,508	35
47.6	54.8	-29.9	34.6	-2.7	-27.1	-56.5	-14.5	68.7	75.4	45.5	36
2,289	1,458	.....	2,785	4,360	3,253	.....	.....	880	12,993	.....	37
.....	3,220	.....	871	.....	190	.....	110	625	12,187	310	38
2,289	-1,762	.....	1,914	4,360	3,063	.....	-110	255	806	-310	39
.....	-54.7	.....	219.7	.....	(1)	.....	-100.0	40.8	6.6	-100.0	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
19,870	2,628	6,009	37,427	8,860	31,191	4,480	46,235	6,362	9,184	118,413	45
35.3	4.3	9.8	94.5	11.5	117.5	4.5	61.8	10.4	11.6	159.6	46
2,469	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	1,280	17,205	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	3.0	34.0	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	3.8	20.0	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
2,948	.....	.....	1,020	19,552	54,170	4,489	20,515	.....	.....	35,760	52
8.5	.....	.....	2.8	43.3	171.3	22.9	36.9	.....	.....	89.6	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
33,668	13,795	1,470	31,282	55,106	54,032	220	58,457	.....	8,795	49,771	59
53.7	21.5	2.3	42.0	49.1	92.0	0.1	45.7	.....	14.8	80.0	60
38.1	8.5	2.6	56.0	85.6	148.3	0.6	79.3	.....	15.1	65.0	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	4,778	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	9.2	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	3.3	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	4.5	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	4,522	.....	.....	.....	.....	.....	.....	.....	1,223	.....	68
.....	7.0	.....	.....	.....	.....	.....	.....	.....	6.0	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	25.0	.....	70
.....	10.0	.....	.....	.....	.....	.....	.....	.....	2.5	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Fulton	Gallatin	Greene	Grundy	Hamilton	Henderson
	LAND AREA						
1	Approximate land area.....acres....1940..	559,360	209,920	347,520	276,480	278,400	243,840
2	Drainage enterprises.....number...1940..	10	13	9	4	6	3
3	Land in enterprises.....acres....1940..	27,006	50,873	51,045	13,915	58,092	19,057
4	1930..	27,855	40,530	51,456	13,915	53,752	18,960
5	1920..	27,194	22,176	36,548	11,360	50,470	17,500
6	Area of all enterprises, overlapping included.....acres....1940..	27,006	53,240	51,045	13,915	58,092	19,057
7	Amount of overlapping.....acres....1940..	.....	2,367	.....	.....	.....	.....
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	26,396	46,216	49,111	13,915	36,057	18,730
9	1930..	24,959	40,530	42,242	13,915	37,552	16,500
10	Increase or decrease (-), 1930-1940.....acres.....	1,437	5,686	6,869	.....	-1,495	2,230
11	percent.....	5.8	14.0	16.3	.....	-4.0	13.5
12	Land undrained, unfit for any crop.....acres....1940..	218	434	822	.....	100	.....
13	1930..	2,620	.....	6,011	.....	16,200	2,040
14	Increase or decrease (-), 1930-1940.....acres.....	-2,402	434	-5,189	.....	-16,100	-2,040
15	percent.....	-91.7	.....	-86.3	.....	-99.4	-100.0
16	Land partly drained, for partial crop.....acres....1940..	392	4,223	1,112	.....	21,935	327
17	1930..	276	.....	3,203	.....	.....	420
18	Increase or decrease (-), 1930-1940.....acres.....	116	4,223	-2,091	.....	21,935	-93
19	percent.....	42.0	.....	-65.3	.....	.....	-22.1
20	Improved land.....acres....1940..	26,402	45,711	47,788	13,435	38,040	18,416
21	1930..	26,099	39,585	49,776	13,835	31,640	16,290
22	1920..	17,354	19,947	28,699	3,296	24,240	15,773
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	51	1,329	3,147	411	17,567	161
24	1930..	1,236	945	1,673	80	19,292	1,070
25	1920..	3,290	2,229	2,409	.....	26,230	967
26	Other unimproved land.....acres....1940..	553	3,833	110	69	2,485	480
27	1930..	520	.....	7	.....	2,820	1,600
28	1920..	6,550	.....	5,440	8,064	.....	760
29	Land in occupied farms.....acres....1940..	27,006	50,143	51,045	13,915	37,870	17,847
30	1930..	27,855	40,430	51,456	13,915	51,232	18,960
31	Increase or decrease (-), 1930-1940.....acres.....	-849	9,713	-411	.....	-13,362	-1,113
32	percent.....	-3.0	24.0	-0.8	.....	-26.1	-5.9
33	Land in planted crops.....acres....1940..	25,439	42,579	47,785	12,867	33,340	16,626
34	1930..	23,017	34,469	43,222	13,312	18,740	16,150
35	Increase or decrease (-), 1930-1940.....acres.....	2,422	8,110	4,563	-445	14,600	476
36	percent.....	10.5	23.5	10.6	-3.3	77.9	2.9
37	Land idle.....acres....1940..	1,567	1,734	141	1,008	9,270	1,221
38	1930..	1,218	2,561	5,715	990	18,000	665
39	Increase or decrease (-), 1930-1940.....acres.....	349	-827	-5,574	18	-8,730	556
40	percent.....	28.6	-32.3	-97.5	1.8	-48.5	83.6
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	.....	24,983	12,738	.....	58,092	.....
46	Length of these ditches.....miles.....	.....	28.2	36.0	.....	112.8	.....
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	3,809	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	12.0	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,466	25,890	.....	10,106	.....	.....
60	Length of these open ditches.....miles.....	3.0	39.0	.....	10.4	.....	.....
61	Length of these tile.....miles.....	5.0	7.0	.....	14.5	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	25,540	.....	38,307	.....	.....	19,057
69	Length of open ditches owned by these enterprises..miles.....	60.2	.....	84.9	.....	.....	33.0
70	Length of tile owned by these enterprises.....miles.....	19.1	.....	8.8	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	45.6	.....	70.5	.....	.....	27.0
72	Part protected by levees of an outside agency.....acres.....	.....	.....	16,583	.....	.....	.....

[1] Included in "Other counties."

[2] Percent not shown when more than 1,000.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Henry	Iroquois	Jackson	Jasper	Jersey	Johnson	Kane	Kankakee	Kendall	Lake	La Salle	
528,640	718,080	385,920	316,800	239,360	220,800	330,240	435,200	204,800	292,480	737,920	1
15	99	3	9	3	5	21	50	9	15	31	2
100,206	363,273	19,075	15,591	11,338	14,205	50,639	128,129	9,638	25,027	63,243	3
121,378	344,520	(1)	13,471	12,634	17,076	106,850	137,214	9,548	37,496	32,658	4
84,560	283,159	19,078	(1)	12,412	15,896	48,626	125,344	7,414	14,520	41,861	5
102,786	398,504	19,075	16,669	11,338	16,552	51,539	128,189	9,898	25,027	63,243	6
2,580	35,231	.....	1,078	.....	2,347	900	60	260	.....	.....	7
95,270	361,455	17,377	14,471	10,247	10,800	49,906	119,510	9,638	24,327	63,243	8
104,728	342,510	(1)	8,771	10,300	15,896	98,780	135,974	6,798	29,874	32,658	9
-9,458	18,945	.....	5,700	-53	-5,096	-48,874	-16,464	2,840	-5,547	30,585	10
-9.0	5.5	.....	65.0	-0.5	-32.0	-49.5	-12.1	41.8	-18.6	93.6	11
634	1,818	381	500	28	1,730	128	2,894	.....	700	.....	12
11,550	650	(1)	1,800	1,400	513	4,145	200	550	3,446	.....	13
-10,916	1,168	.....	-1,300	-1,372	1,217	-4,017	2,694	-550	-2,746	.....	14
-94.5	179.7	.....	-72.2	-98.0	237.2	-96.9	(2)	-100.0	-79.7	.....	15
4,302	.....	1,317	620	1,063	1,675	605	5,725	.....	.....	.....	16
5,100	1,360	(1)	2,900	934	667	3,925	1,040	2,200	4,176	.....	17
-798	-1,360	.....	-2,280	129	1,008	-3,320	4,685	-2,200	-4,176	.....	18
-15.6	-100.0	.....	-78.6	13.8	151.1	-84.6	450.5	-100.0	-100.0	.....	19
96,011	358,824	15,832	14,451	10,837	10,677	48,952	121,463	9,417	22,992	63,243	20
112,728	343,260	(1)	10,641	11,691	13,929	97,155	136,254	8,598	27,608	32,658	21
78,135	278,159	16,083	(1)	10,842	7,663	46,829	115,704	7,264	14,430	40,812	22
124	3,749	2,861	990	501	3,038	1,265	2,797	221	1,915	.....	23
2,350	960	(1)	1,760	800	3,147	5,120	960	250	248	.....	24
1,105	950	.....	(1)	1,570	5,283	51	.....	.....	90	.....	25
4,071	700	382	150	.....	490	422	3,869	.....	120	.....	26
6,300	300	(1)	1,070	143	.....	4,575	.....	700	9,640	.....	27
5,320	4,050	2,995	(1)	.....	2,950	1,746	9,640	150	.....	1,049	28
100,006	360,655	17,377	15,591	11,338	11,108	50,639	127,259	9,628	23,187	63,243	29
121,378	343,820	(1)	13,471	12,634	17,076	106,850	137,214	9,548	37,016	32,658	30
-21,372	16,835	.....	2,120	-1,296	-5,968	-56,211	-9,955	80	-13,829	30,585	31
-17.6	4.9	.....	15.7	-10.2	-34.9	-52.6	-7.2	0.8	-37.4	93.6	32
92,370	358,207	13,028	14,278	10,745	9,925	46,334	114,727	9,377	18,717	61,105	33
103,698	332,410	(1)	10,075	11,620	12,472	96,125	128,556	8,212	25,918	29,525	34
-11,328	25,797	.....	4,203	-875	-2,547	-49,791	-13,829	1,165	-7,201	31,580	35
-10.9	7.8	.....	41.7	-7.5	-20.4	-51.8	-10.8	14.2	-27.8	107.0	36
5,061	2,910	1,025	105	64	4,280	1,667	6,353	211	525	2,188	37
1,200	925	(1)	2,530	700	3,065	1,050	230	266	1,096	100	38
3,861	1,985	.....	-2,425	-636	1,215	617	6,123	-55	-571	2,088	39
321.8	214.6	.....	-95.8	-90.8	39.6	58.8	(2)	-20.7	-52.1	(2)	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
72,424	106,474	19,075	4,170	2,000	7,700	25,633	54,970	8,279	18,723	23,466	45
133.4	162.3	53.3	21.1	6.0	12.5	46.4	81.1	27.5	75.4	38.3	46
.....	.....	19,075	.....	.....	500	.....	.....	.....	.....	.....	47
4,167	.....	.....	9,793	.....	6,505	.....	.....	.....	.....	.....	48
26.0	.....	.....	15.4	.....	10.5	.....	.....	.....	.....	.....	49
8.8	.....	.....	24.5	.....	12.5	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	200	.....	.....	.....	.....	.....	51
.....	15,888	.....	.....	.....	.....	5,155	22,982	1,099	5,499	14,355	52
.....	49.5	.....	.....	.....	.....	12.5	55.1	7.0	15.9	36.0	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
23,615	240,911	.....	550	1,797	.....	19,851	50,177	260	805	25,422	59
32.5	305.3	.....	4.2	7.0	.....	24.2	46.4	1.0	1.1	33.5	60
29.3	163.6	.....	0.8	0.5	.....	13.8	95.0	0.2	2.8	29.6	61
.....	.....	.....	280	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	1,078	7,541	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	1.0	15.0	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	1.0	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	2.5	9.0	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)			Lawrence	Lee	Livingston	Logan	McHenry	McLean	Macon
	LAND AREA									
1	Approximate land area	acres	1940	239,360	466,560	667,520	398,080	391,040	750,720	369,280
2	Drainage enterprises	number	1940	13	14	49	22	16	54	75
3	Land in enterprises	acres	1940	71,323	88,776	99,103	61,283	37,317	153,117	115,340
4			1930	74,058	62,200	95,948	52,633	30,363	131,510	92,434
5			1920	61,592	85,460	47,379	22,030	48,325	116,861	52,026
6	Area of all enterprises, overlapping included	acres	1940	73,499	90,466	105,430	61,403	37,317	174,690	153,650
7	Amount of overlapping	acres	1940	2,176	1,690	6,327	120	.....	21,573	38,310
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	56,634	74,302	98,853	59,191	35,195	153,117	114,626
9			1930	43,161	62,000	94,946	49,633	29,168	131,510	92,234
10	Increase or decrease (-), 1930-1940	acres		13,473	12,302	3,907	9,558	6,027	21,607	22,392
11		percent		31.2	19.8	4.1	19.2	20.7	16.4	24.3
12	Land undrained, unfit for any crop	acres	1940	5,943	2,834	.....	2,092	465	.....	200
13			1930	19,910	200	122	.....	563	.....	.....
14	Increase or decrease (-), 1930-1940	acres		-13,967	2,634	-122	2,092	-98	.....	200
15		percent		-70.2	(2)	-100.0	.....	-17.4	.....	.....
16	Land partly drained, for partial crop	acres	1940	8,746	11,640	250	.....	1,657	.....	514
17			1930	10,987	.....	880	3,000	632	.....	200
18	Increase or decrease (-), 1930-1940	acres		-2,241	11,640	-630	-3,000	1,025	.....	314
19		percent		-20.4	.....	-71.6	-100.0	162.2	.....	157.0
20	Improved land	acres	1940	58,433	76,024	99,103	59,181	35,793	153,117	114,463
21			1930	57,361	61,500	95,826	45,833	29,460	131,510	92,434
22			1920	48,838	84,026	46,314	21,850	45,650	113,161	51,688
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	12,780	4,514	.....	1,111	546	.....	677
24			1930	11,317	500	122	5,500	155	.....	.....
25			1920	5,812	263	.....	180	.....	.....	160
26	Other unimproved land	acres	1940	110	8,238	.....	991	978	.....	200
27			1930	5,380	200	.....	1,300	748	.....	.....
28			1920	6,942	1,171	1,065	.....	2,675	3,700	178
29	Land in occupied farms	acres	1940	57,532	87,724	99,103	59,191	37,317	153,117	115,140
30			1930	74,058	62,200	95,948	51,633	30,363	131,510	92,434
31	Increase or decrease (-), 1930-1940	acres		-16,526	25,524	3,155	7,558	6,954	21,607	22,706
32		percent		-22.3	41.0	3.3	14.6	22.9	16.4	24.6
33	Land in planted crops	acres	1940	42,868	69,008	99,103	59,091	34,040	152,097	113,235
34			1930	40,191	56,924	88,576	41,613	22,300	125,659	85,369
35	Increase or decrease (-), 1930-1940	acres		2,677	12,084	10,527	17,478	11,740	26,438	27,866
36		percent		6.7	21.2	11.9	42.0	52.6	21.0	32.6
37	Land idle	acres	1940	1,191	18,377	.....	2,192	2,349	1,020	1,128
38			1930	13,847	300	.....	4,500	2,050	.....	.....
39	Increase or decrease (-), 1930-1940	acres		-12,656	18,077	.....	-2,308	299	1,020	1,128
40		percent		-91.4	(2)	.....	-51.3	14.6	.....	.....
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	.....	.....
42			1930	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres		.....	.....	.....	.....	.....	.....	.....
44		percent		.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		64,870	20,219	18,450	29,483	5,079	20,910	15,273
46	Length of these ditches	miles		99.4	34.8	37.2	43.2	16.2	27.5	19.7
47	Part protected by levees of an outside agency	acres		37,170	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	9,963	.....	10,900	.....	.....	6,642
49	Length of these ditches	miles		.....	19.0	.....	15.5	.....	.....	11.8
50	Length of these levees	miles		.....	14.0	.....	0.5	.....	.....	11.7
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		.....	485	49,363	7,640	7,404	58,239	67,808
53	Length of these tile	miles		.....	2.0	118.3	15.7	30.5	74.5	197.7
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	2,170	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	2.8	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	5.0	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	55,939	31,290	13,260	24,834	73,968	23,169
60	Length of these open ditches	miles		.....	76.3	35.0	14.0	23.7	96.4	26.6
61	Length of these tile	miles		.....	18.5	56.1	14.0	56.6	67.6	41.5
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	2,448
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	2.0
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	3.5
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	1.0
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3]	acres		6,453	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		10.5	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		6.5	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Percent not shown when more than 1,000.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Macoupin	Madison	Marshall	Mason	Massac	Menard	Mercer	Monroe	Montgomery	Morgan	Moultrie	Ogle	Peoria	
558,080	467,840	252,800	346,240	157,440	199,680	355,840	243,200	451,840	361,600	220,800	484,800	399,360	1
15	8	4	14	4	4	3	10	48	10	42	5	3	2
12,060	49,207	6,102	109,161	36,847	12,294	24,033	64,411	64,242	14,571	73,034	13,660	6,235	3
13,075	45,600	6,384	114,115	33,603	10,769	23,834	34,239	66,889	18,282	71,576	15,723	6,446	4
7,575	28,119	(1)	118,620	28,800	16,788	22,320	24,860	48,521	10,013	20,250	12,820	6,100	5
12,120	66,427	6,102	115,097	69,516	15,688	25,233	70,291	70,518	15,051	76,724	13,660	6,235	6
60	17,220	.....	5,936	32,669	3,394	1,200	5,880	6,276	480	3,690	.....	.....	7
12,060	32,452	6,102	101,502	27,913	11,994	23,295	53,519	64,242	14,145	73,034	13,660	5,695	8
12,305	32,050	5,445	107,705	33,603	8,838	22,500	21,429	66,229	12,096	71,576	15,623	6,446	9
-245	402	657	-6,203	-5,690	3,156	795	32,090	-1,987	2,049	1,458	-1,963	-751	10
-2.0	1.2	12.1	-5.8	-16.9	35.7	3.5	149.8	-3.0	16.9	2.0	-12.6	-11.6	11
.....	11,292	.....	4,410	3,400	.....	198	2,042	.....	.....	.....	.....	36	12
470	8,510	839	4,229	.....	1,320	800	12,400	10	4,706	.....	100	.....	13
-470	2,782	-839	181	3,400	-1,320	-602	-10,358	-10	-4,706	.....	-100	36	14
-100.0	32.7	-100.0	4.3	.....	-100.0	-75.2	-83.5	-100.0	-100.0	.....	-100.0	.....	15
.....	5,463	.....	3,249	5,534	300	540	8,850	.....	426	.....	.....	504	16
300	5,040	100	2,181	.....	611	534	410	650	1,480	.....	.....	.....	17
-300	423	-100	1,068	5,534	-311	6	8,440	-650	-1,054	.....	.....	504	18
-100.0	8.4	-100.0	49.0	.....	-50.9	1.1	(2)	-100.0	-71.2	.....	.....	.....	19
11,960	35,387	5,760	99,778	30,850	10,311	20,270	56,109	64,242	14,571	73,034	13,315	5,549	20
12,095	39,090	5,285	109,135	27,477	9,168	22,200	31,839	66,589	17,046	71,576	14,623	6,446	21
7,500	16,335	(1)	108,762	7,200	14,988	19,369	22,726	48,135	8,946	19,966	12,738	5,465	22
100	2,785	.....	4,511	5,584	1,683	3,565	1,197	.....	.....	.....	.....	100	23
560	2,650	.....	2,743	6,126	1,090	1,300	2,200	150	550	.....	1,000	.....	24
.....	2,400	(1)	1,989	21,600	600	1,040	.....	.....	49	284	38	210	25
.....	11,035	322	4,872	413	300	198	7,105	.....	.....	.....	345	586	26
400	3,860	1,099	2,237	.....	511	334	200	150	686	.....	100	.....	27
75	9,384	(1)	7,869	.....	1,200	1,911	2,134	386	1,018	.....	44	425	28
12,060	45,373	6,102	109,161	31,400	12,264	24,033	64,411	64,242	14,470	73,034	13,660	5,946	29
13,075	45,600	6,384	114,115	33,603	10,769	23,834	34,239	66,889	18,282	71,576	15,723	6,446	30
-1,015	-227	-282	-4,954	-2,203	1,495	199	30,172	-2,647	-3,812	1,458	-2,063	-500	31
-7.8	-0.5	-4.4	-4.3	-6.6	13.9	0.8	88.1	-4.0	-20.8	2.0	-13.1	-7.8	32
11,918	30,367	5,680	98,493	27,700	10,311	15,420	53,991	64,123	13,419	72,550	12,910	4,868	33
10,845	28,425	4,885	104,535	23,672	8,968	22,200	31,100	61,895	15,304	66,261	13,501	6,381	34
1,073	1,942	795	-6,042	4,028	1,343	-6,780	22,891	2,228	-1,885	6,289	-591	-1,513	35
9.9	6.8	16.3	-5.8	17.0	15.0	-30.5	73.6	3.6	-12.3	9.5	-4.4	-23.7	36
.....	15,059	422	8,011	9,148	1,371	7,473	9,480	119	1,025	484	750	1,074	37
150	8,225	899	1,128	4,090	500	1,100	1,300	200	66	80	500	.....	38
-150	6,834	-477	6,883	5,058	871	6,373	8,180	-81	959	404	250	1,074	39
-100.0	83.1	-53.0	610.2	123.7	174.2	579.4	629.2	-40.5	(2)	505.0	50.0	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
885	8,602	2,903	96,421	32,669	.....	1,680	20,116	7,040	4,767	37,447	5,098	230	45
4.4	13.1	6.3	209.9	43.5	.....	2.1	24.5	27.9	19.7	41.5	10.8	1.0	46
.....	8,602	.....	.....	1,000	.....	600	20,086	.....	440	.....	.....	.....	47
.....	6,895	.....	10,540	4,178	9,480	.....	35,105	.....	4,058	.....	.....	.....	48
.....	21.2	.....	22.5	4.0	26.1	.....	44.3	.....	7.5	.....	.....	.....	49
.....	23.9	.....	22.5	2.0	12.4	.....	59.5	.....	4.5	.....	.....	.....	50
.....	3,850	.....	.....	4,178	3,500	.....	26,115	.....	.....	.....	.....	.....	51
2,585	.....	1,375	.....	.....	.....	.....	.....	4,498	427	27,434	.....	.....	52
9.2	.....	1.5	.....	.....	.....	.....	.....	24.8	1.9	34.9	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
8,590	.....	1,824	2,200	.....	.....	2,880	.....	52,704	.....	8,153	4,050	.....	59
30.7	.....	0.5	1.5	.....	.....	2.1	.....	86.1	.....	6.5	7.0	.....	60
34.4	.....	1.4	4.5	.....	.....	0.5	.....	181.9	.....	6.2	11.0	.....	61
.....	.....	.....	.....	.....	.....	800	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	3,668	.....	4,512	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	3.5	.....	5.0	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	3.0	.....	0.2	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	2.3	.....	8.0	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	33,710	.....	.....	.....	2,814	19,473	9,190	.....	1,651	.....	.....	6,005	68
.....	19.3	.....	.....	.....	4.6	20.0	7.3	.....	2.9	.....	.....	7.0	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.0	70
.....	20.4	.....	.....	.....	8.2	21.0	18.4	.....	2.2	.....	.....	12.6	71
.....	3,500	.....	.....	.....	.....	.....	3,800	.....	480	.....	.....	.....	72

[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Piatt	Pike	Pulaski	Randolph	Rock Island	St. Clair	Saline
	LAND AREA							
1	Approximate land area....acres....1940..	279,680	530,560	130,560	380,160	268,800	428,800	245,760
2	Drainage enterprises....number...1940..	80	13	8	5	6	8	14
3	Land in enterprises....acres....1940..	175,492	114,034	39,156	17,475	21,402	49,915	78,100
4	1930..	161,721	109,784	37,155	14,307	33,628	55,275	68,269
5	1920..	122,384	67,683	19,298	18,949	23,906	55,242	66,251
6	Area of all enterprises, overlapping included....acres....1940..	246,196	156,242	45,928	17,475	25,316	49,915	79,340
7	Amount of overlapping....acres....1940..	70,704	42,208	6,772	.....	3,914	.....	1,240
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop....acres....1940..	175,492	85,027	26,213	15,897	17,959	32,978	76,299
9	1930..	161,721	47,795	26,713	9,237	27,210	31,375	67,894
10	Increase or decrease (-), 1930-1940....acres....	13,771	37,232	-500	6,660	-9,251	1,604	8,405
11	percent....	8.5	77.9	-1.9	72.0	-34.0	5.1	12.4
12	Land undrained, unfit for any crop....acres....1940..	.....	22,368	5,976	1,308	2,645	13,267	500
13	1930..	.....	30,814	3,820	4,070	2,910	15,550	375
14	Increase or decrease (-), 1930-1940....acres....	.....	-8,446	2,156	-2,762	-265	-2,283	125
15	percent....	.....	-27.4	56.4	-67.9	-9.1	-14.7	33.3
16	Land partly drained, for partial crop....acres....1940..	.....	6,639	6,967	270	798	3,670	1,301
17	1930..	.....	31,175	6,622	1,000	3,508	8,350	.....
18	Increase or decrease (-), 1930-1940....acres....	.....	-24,536	345	-730	-2,710	-4,680	1,301
19	percent....	.....	-78.7	5.2	-73.0	-77.2	-56.0	.....
20	Improved land....acres....1940..	175,425	88,817	28,327	15,202	18,513	32,697	76,988
21	1930..	161,721	85,470	25,224	14,107	31,988	44,325	64,621
22	1920..	121,934	60,379	13,829	16,418	23,221	33,337	57,640
	Unimproved land:							
23	Woodland and cut-over land....acres....1940..	67	3,948	8,959	1,980	233	3,671	977
24	1930..	.....	15,750	11,931	200	40	4,950	3,193
25	1920..	.....	3,385	5,469	1,510	282	5,575	8,321
26	Other unimproved land....acres....1940..	.....	21,269	1,870	293	2,656	13,547	135
27	1930..	.....	8,564	.....	.....	1,600	6,000	455
28	1920..	450	3,919	.....	1,021	403	16,330	290
29	Land in occupied farms....acres....1940..	175,492	109,648	31,786	17,475	21,278	49,764	76,299
30	1930..	161,721	109,784	37,155	14,307	33,628	35,275	68,269
31	Increase or decrease (-), 1930-1940....acres....	13,771	-136	-5,369	3,168	-12,350	14,489	8,030
32	percent....	8.5	-0.1	-14.4	22.1	-36.7	41.1	11.8
33	Land in planted crops....acres....1940..	169,570	86,134	26,515	15,152	16,589	30,499	70,181
34	1930..	159,004	73,660	16,472	11,552	28,913	24,150	59,711
35	Increase or decrease (-), 1930-1940....acres....	10,566	12,474	10,043	3,600	-12,324	6,349	10,470
36	percent....	6.6	16.9	61.0	31.2	-42.6	26.3	17.5
37	Land idle....acres....1940..	5,896	8,397	12,478	2,230	1,857	16,792	6,026
38	1930..	.....	30,831	9,233	850	2,260	10,850	2,547
39	Increase or decrease (-), 1930-1940....acres....	5,896	-22,434	3,245	1,380	-403	5,942	3,479
40	percent....	.....	-72.8	35.1	162.4	-17.8	54.8	136.6
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	.....	.....	.....	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only....acres....	67,712	.....	33,562	370	7,473	11,544	70,700
46	Length of these ditches....miles....	107.4	.....	42.6	4.0	25.4	21.1	102.8
47	Part protected by levees of an outside agency....acres....	.....	.....	3,500	.....	.....	627	.....
48	Land drained by open ditches and own levees....acres....	.....	102,565	.....	17,105	.....	6,931	.....
49	Length of these ditches....miles....	.....	137.3	.....	13.5	.....	2.1	.....
50	Length of these levees....miles....	.....	113.9	.....	23.5	.....	9.8	.....
51	Part protected by levees of an outside agency....acres....	.....	102,170	.....	13,105	.....	6,270	.....
52	Land drained by tile only....acres....	37,342	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	103.9	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	70,438	.....	.....	.....	3,914	.....	7,400
60	Length of these open ditches....miles....	97.7	.....	.....	.....	6.0	.....	10.8
61	Length of these tile....miles....	75.7	.....	.....	.....	1.1	.....	4.8
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	2,000	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	5,594	.....	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	9.0	.....	.....	.....	.....
65	Length of these tile....miles....	.....	.....	1.5	.....	.....	.....	.....
66	Length of these levees....miles....	.....	.....	0.5	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	1,500	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3]....acres....	.....	11,469	.....	.....	10,015	31,440	.....
69	Length of open ditches owned by these enterprises..miles....	.....	33.8	.....	.....	16.6	35.0	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	0.6	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	16.9	.....	.....	10.6	21.6	.....
72	Part protected by levees of an outside agency....acres....	.....	4,989	.....	.....	5,142	.....	.....

[1] Includes Boone, Calhoun, Clay, Effingham, Hancock, Pope, Putnam, Richland, Stark, and Winnebago Counties in 1940; Bond, Boone, Calhoun, Clay, Effingham, Hancock, Jackson, McDonough, Pope, Putnam, Richland, Stark, and Winnebago Counties in 1930; and Bond, Boone, Calhoun, Clay, Hancock, Jasper, McDonough, Marion, Marshall, Pope, Putnam, Richland, and Winnebago Counties in 1920.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Sangamon	Schuyler	Scott	Shelby	Tazewell	Union	Vermilion	Wabash	Wayne	White	Whiteside	Will	Woodford	Other counties[1]	
563,200	277,760	160,640	494,800	417,920	264,960	574,720	141,440	457,600	320,640	441,600	540,800	282,400	2,565,120	1
10	4	6	33	12	5	88	16	13	25	29	35	5	15	2
30,980	16,385	28,758	47,176	37,708	37,512	195,390	27,001	68,073	60,598	124,471	56,306	19,330	62,786	3
29,051	15,836	32,350	59,019	35,644	31,500	170,315	25,305	70,721	55,307	129,247	64,506	15,745	90,703	4
7,097	16,080	32,393	31,834	34,240	34,713	121,075	26,661	42,930	33,724	138,170	46,042	8,500	90,628	5
30,980	16,385	29,071	52,894	37,708	37,984	209,885	27,091	78,506	66,408	131,641	58,146	19,330	67,155	6
.....	.....	313	5,718	.....	472	14,495	90	10,433	5,810	7,170	1,840	.....	4,369	7
30,559	15,549	26,339	47,176	35,948	21,480	193,388	24,893	48,348	59,812	111,002	55,040	19,330	46,852	8
28,031	15,591	18,950	59,019	34,004	31,312	169,570	17,841	43,040	45,222	110,387	63,941	15,745	69,167	9
2,528	-42	7,389	-11,843	1,944	-9,832	23,818	7,052	5,308	14,590	615	-8,901	3,585	-22,315	10
9.0	-0.3	39.0	-20.1	5.7	-31.4	14.0	39.5	12.3	32.3	0.6	-13.9	22.8	-32.3	11
.....	.....	596	.....	1,576	8,120	2,002	186	6,600	.....	4,659	366	.....	6,569	12
220	210	1,450	.....	1,172	76	.....	4,610	13,838	7,725	6,945	565	.....	8,990	13
-220	-210	-854	.....	404	8,044	2,002	-4,424	-7,238	-7,725	-2,286	-199	.....	-2,421	14
-100.0	-100.0	-58.9	.....	34.5	(2)	.....	-96.0	-52.3	-100.0	-32.9	-35.2	.....	-26.9	15
421	836	1,823	.....	184	7,912	.....	1,922	13,125	786	8,810	900	.....	9,365	16
800	35	11,950	.....	468	112	745	2,854	13,843	2,360	11,915	.....	.....	12,546	17
-379	801	-10,127	.....	-284	7,800	-745	-932	-718	-1,574	-3,105	900	.....	-3,181	18
-47.4	(2)	-84.7	.....	-60.7	(2)	-100.0	-32.6	-5.2	-66.7	-26.0	.....	.....	-25.4	19
30,566	14,955	26,952	46,194	36,822	24,080	192,098	25,214	38,345	46,060	115,799	55,631	19,330	45,833	20
26,251	15,530	30,984	58,999	35,266	29,690	168,905	20,476	45,270	46,882	125,718	64,166	15,745	68,982	21
7,097	15,899	30,740	31,834	34,167	21,369	112,843	23,751	35,195	28,762	130,909	40,526	6,400	78,531	22
398	760	310	982	541	11,032	2,592	1,557	27,417	12,728	900	212	.....	6,090	23
1,400	251	216	20	342	1,810	1,410	2,495	18,802	3,625	650	240	.....	12,918	24
.....	79	301	.....	.....	13,124	3,996	2,750	6,288	4,225	391	.....	.....	7,966	25
15	670	1,496	.....	345	2,400	700	230	2,311	1,810	7,772	463	.....	10,863	26
1,400	55	1,150	.....	36	.....	.....	2,334	6,649	4,800	2,879	100	.....	8,803	27
.....	102	1,352	.....	73	220	4,236	160	1,447	737	6,870	5,516	2,100	4,131	28
30,980	16,385	28,570	47,176	37,118	24,310	191,058	26,695	39,701	45,563	123,491	56,276	19,323	58,729	29
29,051	15,836	32,350	59,019	35,644	31,500	170,315	25,305	70,521	55,307	129,247	64,506	15,745	90,703	30
1,929	549	-3,780	-11,843	1,474	-7,190	20,743	1,390	-30,820	-9,744	-5,756	-8,230	3,578	-31,974	31
6.6	3.5	-11.7	-20.1	4.1	-22.8	12.2	5.5	-43.7	-17.6	-4.4	-12.8	22.7	-35.2	32
30,566	14,939	26,331	46,194	32,812	20,980	190,683	24,560	33,776	44,863	112,791	52,967	19,262	41,889	33
26,148	15,338	29,650	52,371	32,022	28,610	142,243	16,501	30,830	39,752	109,661	58,124	14,173	56,905	34
4,418	-399	-3,319	-6,177	790	-7,630	48,440	8,059	2,946	5,111	3,130	-5,157	5,089	-15,016	35
16.9	-2.6	-11.2	-11.8	2.5	-26.7	34.0	48.8	9.6	12.8	2.8	-8.9	35.9	-26.4	36
.....	1,446	1,230	182	.....	252	3,874	1,428	11,712	500	8,816	1,372	.....	14,906	37
100	225	2,100	1,663	900	905	6,140	3,255	19,648	8,764	2,395	135	.....	16,048	38
-100	1,221	-870	-1,481	-900	-653	-2,266	-1,827	-7,936	-8,264	6,421	1,237	.....	-1,142	39
-100.0	542.7	-41.4	-89.0	-100.0	-72.2	-36.9	-56.1	-40.4	-94.3	268.1	916.3	.....	-7.1	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
671	.....	.....	25,148	21,466	732	33,610	20,595	58,351	55,538	48,112	18,919	6,011	15,881	45
5.0	.....	.....	35.1	41.6	2.5	78.2	51.4	101.8	92.3	79.5	38.1	8.3	27.4	46
.....	.....	.....	.....	.....	.....	.....	.....	3,000	3,430	.....	.....	.....	7,900	47
4,160	.....	369	.....	1,074	36,780	.....	.....	1,202	1,320	10,969	.....	.....	12,658	48
6.4	.....	3.3	.....	4.8	38.0	.....	.....	7.0	3.9	18.9	.....	.....	31.8	49
3.3	.....	1.2	.....	8.7	36.5	.....	.....	0.8	3.0	20.2	.....	.....	30.1	50
.....	.....	.....	.....	.....	1,500	.....	.....	.....	.....	.....	.....	.....	8,871	51
1,430	.....	.....	17,671	760	.....	40,740	760	.....	780	.....	14,946	6,896	.....	52
5.7	.....	.....	36.9	0.9	.....	123.4	1.8	.....	1.8	.....	34.1	5.7	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
24,719	.....	.....	4,357	.....	.....	121,040	5,646	.....	.....	59,819	22,441	6,423	15,570	59
25.1	.....	.....	4.6	.....	.....	127.9	15.1	.....	.....	56.2	32.0	5.5	9.5	60
62.3	.....	.....	14.2	.....	.....	108.7	2.9	.....	.....	22.3	22.5	5.0	20.3	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	16,385	28,389	.....	14,408	.....	.....	.....	8,520	2,960	5,571	.....	.....	18,677	68
.....	29.0	57.5	.....	39.5	.....	.....	.....	29.5	0.1	7.7	.....	.....	31.3	69
.....	21.5	6.5	.....	2.4	.....	.....	.....	.....	.....	0.7	.....	.....	.....	70
.....	33.5	44.2	.....	36.5	.....	.....	.....	14.7	3.0	1.7	.....	.....	18.0	71
.....	.....	3,813	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[2] Percent not shown when more than 1,000.
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)			THE STATE	Adams	Alexander	Brown	Bureau	Carroll	Cass
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	[1] 1,961	4	6	3	15	3	16
	Open ditches:									
2	Completed	miles	1940	6,862.2	70.9	37.9	17.0	115.8	11.3	102.4
3			1930	5,996.4	32.5	51.5	22.0	116.5	25.0	107.2
4			1920	4,754.5	71.5	32.6	16.0	105.4	10.0	52.6
5	Additional length authorized	miles	1940	4.0	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles	1940	4,246.6	20.9	1.1	10.0	18.7	.....	23.8
7			1930	3,825.6	24.0	.....	10.0	20.9	.....	7.5
8			1920	3,507.1	2.5	.....	33.3	16.5	.....	2.1
9	Additional length authorized	miles	1940	7.7	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	1,157.8	63.2	35.5	17.2	.....	6.0	66.3
11			1930	1,108.4	56.7	34.3	11.0	12.0	22.0	40.9
12			1920	650.2	22.6	19.1	14.3	.....	12.9	9.4
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	23,206	1,750	100	430	.....	165	1,025
15			1930	18,658	1,750	100	280	.....	485	850
16			1920	18,225	1,450	50	225	.....	150	475
17	Pump capacity	gal. per min.	1940	3,648,100	284,000	20,000	40,000	.....	35,800	192,000
18			1930	3,156,700	284,000	16,000	50,000	.....	88,000	128,500
19			1920	2,843,066	141,000	5,500	36,000	.....	31,000	136,000
20	Land served by pumps	acres	1940	375,437	36,515	6,395	7,821	.....	3,400	15,902
21			1930	331,448	36,924	6,351	8,900	.....	7,500	18,100
22			1920	291,816	38,476	200	7,750	.....	2,800	13,480
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	72,567,174	2,912,482	1,130,025	447,187	746,517	207,300	1,764,416
26			1930	[2] 74,565,923	2,414,521	1,166,441	525,387	1,037,180	425,000	1,695,283
27			1920	43,595,069	1,436,995	371,484	284,250	787,120	114,000	845,068
28	Estimated cost when completed	dollars	1940	72,617,674	2,912,482	1,130,025	447,187	746,517	207,300	1,764,416
29			1930	[2] 75,728,447	2,639,521	1,166,441	525,387	1,037,180	425,000	1,712,283
30			1920	51,393,244	2,133,995	371,484	301,150	883,120	133,000	850,068
31	Average cost per acre when completed	dollars	1940	14.26	72.32	39.86	57.18	12.16	45.06	37.79
32			1930	[2] 15.05	62.37	41.08	58.38	18.68	45.70	36.45
33			1920	13.15	37.54	19.68	38.17	13.63	28.36	24.21
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		14,869,919	.....	63,400	.....	129,500	3,075	293,797
35	Average amount per acre	dollars		7.95	.....	19.02	.....	5.48	7.12	19.11
36	Enterprises having open ditches and levees	dollars		8,229,162	102,267	327,882	.....	.....	4,225	256,888
37	Average amount per acre	dollars		22.02	27.23	22.53	.....	.....	5.50	20.86
38	Enterprises having tile only	dollars		6,702,152	.....	.....	.....	13,000	.....	.....
39	Average amount per acre	dollars		9.29	.....	.....	.....	16.25	.....	.....
40	Enterprises having tile and levees	dollars		55,000	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		25.34	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		16,098,181	.....	25,000	.....	604,017	.....	.....
43	Average amount per acre	dollars		9.46	.....	6.14	.....	16.35	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		401,553	.....	.....	.....	.....	.....	102,500
45	Average amount per acre	dollars		16.66	.....	.....	.....	.....	.....	33.02
46	Enterprises operating pumping plants[3]	dollars		26,261,707	2,810,215	713,743	447,187	.....	200,000	1,111,231
47	Average amount per acre	dollars		66.06	76.96	111.61	57.18	.....	58.82	69.88
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		558,930	44,210	(4)	6,567	.....	(4)	19,200
49	Enterprises reporting	number		63	3	1	3	.....	1	4
50	Land in these enterprises	acres		373,881	36,515	(4)	7,821	.....	(4)	15,902
51	Average cost per acre	dollars		1.49	1.21	(4)	0.84	.....	(4)	1.21
52	By enterprises not operating pumping plants	dollars		490,414	(4)	2,130	.....	19,920	(4)	3,047
53	Enterprises reporting	number		547	1	4	.....	10	1	5
54	Land in these enterprises	acres		1,931,725	(4)	18,623	.....	52,766	(4)	14,007
55	Average cost per acre	dollars		0.25	(4)	0.11	.....	0.38	(4)	0.22
	Federal aid in maintenance:									
56	Enterprises reporting	number		190	3	5	2	1	.....	2
57	Land in these enterprises	acres		923,684	34,936	25,018	(4)	(4)	.....	(4)
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		1,617,438	(4)	.....	(4)	19,739	(4)	24,414
59	Enterprises reporting	number		415	2	.....	1	7	2	10
60	Land in these enterprises	acres		1,837,053	(4)	.....	(4)	37,344	(4)	30,999
61	Average amount collected per acre	dollars		0.88	(4)	.....	(4)	0.53	(4)	0.79
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		143,747	(4)	(4)	(4)	.....	(4)	10,373
63	Enterprises reporting	number		115	2	1	2	.....	2	5
64	Land in these enterprises	acres		593,474	(4)	(4)	(4)	.....	(4)	17,857
65	Portion delinquent in these enterprises	percent		24.2	(4)	(4)	(4)	.....	(4)	58.1
66	Total indebtedness, Dec. 31, 1939	dollars		6,974,400	363,671	68,526	(4)	.....	(4)	258,189
67	Enterprises reporting	number		158	3	3	2	.....	1	8
68	Land in these enterprises	acres		860,834	34,936	13,801	(4)	.....	(4)	26,672
69	Average indebtedness per acre	dollars		8.10	10.41	4.97	(4)	.....	(4)	9.68
70	Indebtedness in arrears, Dec. 31, 1939	dollars		842,282	.....	(4)	(4)	.....	.....	49,446
71	Enterprises reporting	number		53	.....	2	2	.....	.....	5
72	Land in these enterprises	acres		232,081	.....	(4)	(4)	.....	.....	19,072
73	Average arrearage per acre	dollars		3.90	.....	(4)	(4)	.....	.....	2.59
74	Reduction of debt by refinancing, prior to 1940	dollars		4,302,649	(4)	(4)	(4)	.....	.....	614,949
75	Enterprises reporting	number		40	2	1	1	.....	.....	4
76	Land in these enterprises	acres		313,725	(4)	(4)	(4)	.....	.....	16,054
77	Average reduction per acre	dollars		13.71	(4)	(4)	(4)	.....	.....	38.30

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 1,695. [2] Revised.

AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Champaign	Christian	Clark	Clinton	Coles	Cook	Crawford	Cumberland	De Kalb	De Witt	Douglas	Du Page	Edgar	
274	81	3	4	71	21	7	9	26	31	85	7	42	1
455.1	206.1	7.5	26.9	88.3	89.0	32.8	12.1	136.5	60.6	209.5	4.6	107.5	2
351.2	118.0	2.0	23.2	89.0	79.7	27.8	21.7	69.3	25.3	153.9	24.2	108.5	3
408.7	112.8	6.3	29.5	24.9	65.4	23.8	11.7	72.9	10.4	127.1	13.2	44.9	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
457.7	350.4	.....	.....	174.4	46.6	8.5	2.6	58.8	128.9	319.6	23.5	116.2	6
367.9	262.2	21.5	.....	127.5	28.4	6.5	14.7	55.1	92.1	227.2	32.4	161.9	7
386.1	243.8	7.4	.....	36.5	44.4	13.5	2.7	45.8	44.9	197.4	28.6	92.5	8
3.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.4	.....	.....	9
.....	4.0	.....	15.6	.....	.....	10.0	.....	.....	.....	.....	.....	.....	10
.....	1.0	0.9	13.4	0.8	.....	11.0	.....	.....	6.5	.....	.....	.....	11
.....	3.5	0.8	11.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	200	.....	.....	100	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	180	.....	.....	125	.....	8	.....	.....	.....	.....	15
.....	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	71,000	.....	.....	15,000	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	32,000	.....	.....	22,000	.....	500	.....	.....	.....	.....	18
.....	.....	.....	10,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	2,892	.....	.....	1,200	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	3,000	.....	.....	4,000	.....	190	.....	.....	.....	.....	21
.....	.....	.....	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
2,727,395	1,030,322	17,300	177,956	806,234	1,206,535	401,977	43,406	530,643	461,163	1,505,217	55,422	607,034	25
3,242,767	685,070	42,000	346,325	897,378	1,119,965	532,261	78,696	400,867	456,458	1,225,553	216,766	1,141,192	26
2,057,536	601,798	57,562	158,894	332,512	366,169	139,909	45,161	385,667	240,839	732,899	120,192	439,310	27
2,731,395	1,030,322	17,300	177,956	806,234	1,206,535	401,977	43,406	530,643	461,163	1,506,717	55,422	607,034	28
3,268,767	843,192	42,000	346,325	897,378	1,139,965	532,261	78,696	419,867	456,458	1,225,553	216,766	1,141,192	29
2,151,932	601,798	57,562	158,894	371,410	366,169	139,909	45,161	385,667	240,839	732,899	188,192	439,310	30
5.96	7.78	3.80	20.40	8.65	21.36	19.19	5.80	7.61	5.52	10.81	6.03	4.85	31
7.37	5.71	6.37	38.29	8.02	29.76	27.44	6.92	7.88	5.33	5.93	12.21	8.54	32
6.49	5.46	10.77	19.14	5.66	9.76	7.95	6.27	8.22	6.65	4.70	12.53	6.92	33
1,002,339	14,430	17,300	.....	70,355	264,685	38,800	33,204	292,467	42,327	371,388	8,000	105,051	34
5.57	1.71	3.80	.....	4.25	13.32	14.76	5.52	7.81	4.78	11.91	1.78	2.27	35
.....	81,848	.....	64,847	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	17.05	.....	11.53	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
631,181	257,007	.....	.....	221,726	50,393	.....	.....	5,600	161,536	438,160	46,151	155,392	38
5.74	8.35	.....	.....	9.21	17.09	.....	.....	5.49	8.26	8.09	10.28	7.57	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
1,097,875	677,037	.....	.....	514,153	891,457	178,052	10,202	232,576	257,300	697,169	1,271	346,591	42
6.53	7.65	.....	.....	9.77	26.48	12.91	6.94	7.43	4.67	12.90	5.77	5.93	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	113,109	.....	.....	185,125	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	36.49	.....	.....	40.94	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	(4)	.....	.....	(4)	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	(4)	.....	.....	(4)	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	(4)	.....	.....	(4)	.....	.....	.....	.....	.....	.....	51
34,255	11,374	.....	1,540	2,489	12,164	(4)	(4)	2,971	3,770	7,734	210	2,510	52
55	22	.....	3	10	13	2	2	8	3	12	3	5	53
174,853	42,048	.....	5,623	15,077	43,481	(4)	(4)	33,624	11,940	18,073	3,424	21,125	54
0.20	0.27	.....	0.27	0.16	0.28	(4)	(4)	0.09	0.32	0.43	0.06	0.12	55
46	2	.....	.....	14	5	1	3	.....	.....	8	.....	.....	56
96,909	(4)	.....	.....	29,109	14,317	(4)	2,030	.....	.....	13,320	.....	.....	57
45,965	14,520	.....	3,400	(4)	26,093	6,155	(4)	2,771	9,020	17,063	(4)	9,321	58
27	7	.....	4	2	11	3	1	6	3	5	2	3	59
113,623	14,334	.....	8,723	(4)	43,512	6,252	(4)	22,169	13,460	9,553	(4)	12,842	60
0.40	1.01	.....	0.39	(4)	0.60	0.98	(4)	0.12	0.67	1.79	(4)	0.73	61
2,130	(4)	.....	(4)	.....	5,019	.....	.....	(4)	(1)	.....	.....	.....	62
4	1	.....	1	.....	11	.....	.....	1	1	.....	.....	.....	63
27,975	(4)	.....	(4)	.....	39,450	.....	.....	(4)	(4)	.....	.....	.....	64
7.6	(4)	.....	(4)	.....	12.7	.....	.....	(4)	(4)	.....	.....	.....	65
5,800	(4)	.....	.....	10,010	226,965	(4)	.....	.....	9,800	(4)	.....	(4)	66
9	1	.....	.....	5	6	1	.....	.....	3	1	.....	2	67
10,316	(4)	.....	.....	18,342	28,003	(4)	.....	.....	12,780	(4)	.....	(4)	68
0.56	(4)	.....	.....	0.55	8.11	(4)	.....	.....	0.77	(4)	.....	(4)	69
(4)	.....	.....	.....	.....	145,259	(4)	.....	.....	(4)	(4)	.....	.....	70
1	.....	.....	.....	.....	5	1	.....	.....	2	1	.....	.....	71
(4)	.....	.....	.....	.....	22,891	(4)	.....	.....	(4)	(4)	.....	.....	72
(4)	.....	.....	.....	.....	6.35	(4)	.....	.....	(4)	(4)	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[3] Data in lines 46 and 47 are not included in lines 34 to 45.

[4] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)	Edwards	Fayette	Ford	Fulton	Gallatin	Greene	Grundy
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	5	12	88	10	13	9	4
	Open ditches:							
2	Completed.....miles.....1940..	13.4	75.6	239.6	63.2	67.2	120.9	10.4
3	1930..	10.3	65.7	145.0	51.8	42.4	107.9	9.0
4	1920..	18.9	50.9	117.7	42.7	32.5	54.5	4.3
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	43.4	154.6	24.1	7.0	8.8	26.5
7	1930..	.....	12.5	26.5	119.0	2.0	21.2	26.5
8	1920..	.....	22.3	64.1	108.8	2.1	335.0	5.8
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	3.8	27.0	.....	45.6	.....	70.5	.....
11	1930..	4.0	44.6	.....	48.5	.....	33.0	.....
12	1920..	.....	19.0	5.0	35.3	.....	57.4	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	75	.....	1,675	.....	4,016	.....
15	1930..	.....	50	.....	1,440	.....	3,450	.....
16	1920..	.....	.....	.....	1,175	.....	3,140	.....
17	Pump capacity.....gal. per min..1940..	.....	7,000	.....	202,750	.....	508,700	.....
18	1930..	.....	7,000	.....	195,500	.....	574,000	.....
19	1920..	.....	.....	.....	204,500	.....	424,000	.....
20	Land served by pumps.....acres.....1940..	.....	600	.....	25,540	.....	37,807	.....
21	1930..	.....	600	.....	24,070	.....	39,994	.....
22	1920..	.....	.....	.....	22,885	.....	35,723	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	91,320	313,761	1,460,551	1,972,456	280,820	2,332,228	245,754
26	1930..	63,191	519,316	796,359	2,048,500	266,243	2,625,717	204,832
27	1920..	83,542	525,994	780,272	1,178,450	92,503	1,059,926	122,444
28	Estimated cost when completed.....dollars.....1940..	91,320	313,761	1,460,551	1,972,456	280,820	2,332,228	245,754
29	1930..	63,191	519,316	796,359	2,138,500	266,243	2,625,717	204,832
30	1920..	83,542	525,994	780,272	1,601,950	92,503	1,087,926	198,612
31	Average cost per acre when completed.....dollars.....1940..	11.95	7.62	7.16	73.04	5.52	45.69	17.66
32	1930..	12.01	13.03	4.77	76.77	6.57	51.03	14.72
33	1920..	9.27	12.97	5.73	58.91	4.17	29.77	17.48
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	36,452	46,066	791,887	.....	117,182	260,305	.....
35	Average amount per acre.....dollars..	5.73	5.02	6.69	.....	4.69	20.44	.....
36	Enterprises having open ditches and levees.....dollars..	54,868	110,931	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	42.86	6.45	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	295,549	.....	.....	.....	34,218
39	Average amount per acre.....dollars..	.....	.....	8.26	.....	.....	.....	8.98
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	78,683	373,115	30,000	163,638	.....	211,536
43	Average amount per acre.....dollars..	.....	8.95	7.50	20.46	6.32	.....	20.93
44	Enterprises having ditches, tile, and levees.....dollars..	.....	41,081	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	8.59	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	.....	37,000	.....	1,942,456	.....	2,071,923	.....
47	Average amount per acre.....dollars..	.....	30.25	.....	76.06	.....	54.09	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	41,797	.....	42,242	.....
49	Enterprises reporting.....number...	.....	.....	.....	9	.....	7	.....
50	Land in these enterprises.....acres....	.....	.....	.....	25,540	.....	38,307	.....
51	Average cost per acre.....dollars..	.....	.....	.....	1.64	.....	1.10	.....
52	By enterprises not operating pumping plants.....dollars..	852	4,000	7,180	.....	6,150	(5)	.....
53	Enterprises reporting.....number...	4	7	10	.....	10	2	.....
54	Land in these enterprises.....acres....	5,402	25,748	58,184	.....	47,028	(5)	.....
55	Average cost per acre.....dollars..	0.16	0.16	0.12	.....	0.13	(5)	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	1	2	.....	.....	5	.....
57	Land in these enterprises.....acres....	.....	(5)	(5)	.....	.....	36,897	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	1,392	3,838	19,577	58,914	7,787	46,785	(5)
59	Enterprises reporting.....number...	4	6	9	9	7	6	1
60	Land in these enterprises.....acres....	5,402	24,548	57,384	25,540	31,365	42,092	(5)
61	Average amount collected per acre.....dollars..	0.26	0.16	0.34	2.31	0.25	1.11	(5)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(5)	(5)	(5)	(5)	(5)	13,112	(5)
63	Enterprises reporting.....number...	1	1	1	1	1	4	1
64	Land in these enterprises.....acres....	(5)	(5)	(5)	(5)	(5)	31,515	(5)
65	Portion delinquent in these enterprises.....percent..	(5)	(5)	(5)	(5)	(5)	41.6	(5)
66	Total indebtedness, Dec. 31, 1939.....dollars..	(5)	(5)	.....	197,500	(5)	557,705	(5)
67	Enterprises reporting.....number...	2	2	.....	5	2	5	1
68	Land in these enterprises.....acres....	(5)	(5)	.....	12,766	(5)	36,897	(5)
69	Average indebtedness per acre.....dollars..	(5)	(5)	.....	15.47	(5)	15.12	(5)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(5)	.....	.....	(5)	.....	(5)	(5)
71	Enterprises reporting.....number...	1	.....	.....	1	.....	2	1
72	Land in these enterprises.....acres....	(5)	.....	.....	(5)	.....	(5)	(5)
73	Average arrearage per acre.....dollars..	(5)	.....	.....	(5)	.....	(5)	(5)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(5)	.....	.....	584,170	.....	243,040	.....
75	Enterprises reporting.....number...	1	.....	.....	4	.....	3	.....
76	Land in these enterprises.....acres....	(5)	.....	.....	11,304	.....	18,284	.....
77	Average reduction per acre.....dollars..	(5)	.....	.....	51.68	.....	13.29	.....

[1] Included in "Other counties." [2] Pumping plant located in Crawford County. [3] Pumping plant located in Greene County.

1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Hamilton	Henderson	Henry	Iroquois	Jackson	Jasper	Jersey	Johnson	Kane	Kankakee	Kendall	Lake	La Salle	
6	3	15	99	3	9	3	5	21	50	9	15	31	1
112.8	33.0	191.9	467.6	53.3	41.7	28.0	23.0	70.6	127.5	28.5	76.5	71.8	2
98.5	31.0	197.0	392.9	(1)	24.5	31.2	21.6	120.6	146.6	21.5	72.4	41.7	3
65.8	35.0	155.8	337.4	53.0	(1)	16.5	18.1	60.7	125.3	15.6	23.4	35.4	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	29.3	213.1	.....	0.8	1.5	.....	26.3	150.1	7.2	18.7	65.6	6
.....	.....	61.7	194.4	(1)	2.0	0.5	.....	41.5	151.4	6.5	35.4	40.8	7
.....	31.0	42.4	172.5	.....	(1)	0.6	.....	26.1	141.6	7.6	15.6	42.0	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	1.8	.....	.....	.....	9
.....	27.0	8.8	.....	.....	27.0	9.0	12.5	.....	.....	.....	.....	.....	10
.....	26.0	60.0	.....	(1)	18.2	6.5	11.3	.....	.....	.....	.....	.....	11
.....	27.0	5.8	.....	.....	(1)	2.8	5.0	.....	5.5	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	925	.....	.....	.....	(2)	500	.....	.....	.....	.....	.....	.....	14
.....	900	.....	.....	(1)	.....	800	.....	.....	.....	.....	.....	.....	15
.....	800	.....	.....	.....	(1)	(3)	.....	.....	.....	.....	.....	.....	16
.....	141,000	.....	.....	.....	(2)	40,000	.....	.....	.....	.....	.....	.....	17
.....	141,000	.....	.....	(1)	.....	140,000	.....	.....	.....	.....	.....	.....	18
.....	153,500	.....	.....	.....	(1)	(3)	.....	.....	.....	.....	.....	.....	19
.....	19,057	.....	.....	.....	286	7,541	.....	.....	.....	.....	.....	.....	20
.....	17,460	.....	.....	(1)	.....	7,541	.....	.....	.....	.....	.....	.....	21
.....	17,500	.....	.....	.....	(1)	9,540	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
807,747	850,783	834,201	3,152,400	403,416	286,455	278,739	103,997	319,675	718,537	114,839	813,928	323,054	25
922,930	749,350	1,466,826	3,111,533	(1)	415,000	416,800	148,270	499,111	1,168,919	134,147	1,176,372	264,800	26
433,901	600,000	965,750	1,629,378	253,000	(1)	344,166	107,448	291,671	932,234	80,392	140,650	294,936	27
807,747	850,783	834,201	3,152,400	403,416	286,455	278,739	103,997	319,675	721,537	114,839	813,928	323,054	28
922,930	749,350	1,466,826	3,116,533	(1)	415,000	416,800	148,270	499,111	1,168,919	134,147	1,176,372	269,800	29
623,901	650,000	1,009,750	1,629,378	253,000	(1)	344,166	107,448	291,671	932,234	80,392	140,650	312,436	30
13.90	44.64	8.32	8.68	21.15	18.37	24.58	7.32	6.31	5.63	11.92	32.52	5.11	31
17.17	39.52	12.08	9.05	(1)	30.81	32.99	8.68	4.67	8.52	14.05	31.37	8.26	32
12.36	37.14	11.94	5.75	13.26	(1)	27.73	6.76	6.00	7.44	10.84	9.69	7.46	33
807,747	.....	592,054	603,342	403,416	34,994	41,440	48,464	114,862	126,464	88,909	574,220	101,612	34
13.90	.....	8.17	5.67	21.15	8.39	20.72	6.29	4.48	2.30	10.74	30.67	4.33	35
.....	.....	77,266	.....	.....	199,161	.....	55,533	.....	.....	.....	.....	.....	36
.....	.....	18.54	.....	.....	20.34	.....	8.54	.....	.....	.....	.....	.....	37
.....	.....	.....	175,162	.....	.....	.....	.....	73,983	178,200	22,180	224,708	123,471	38
.....	.....	.....	11.02	.....	.....	.....	.....	14.35	7.75	20.18	40.86	8.60	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	164,881	2,373,896	.....	2,300	28,049	.....	130,830	416,873	3,750	15,000	97,971	42
.....	.....	6.98	9.85	.....	4.18	15.61	.....	6.59	8.31	14.42	18.63	3.85	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	850,783	.....	.....	.....	50,000	209,250	.....	.....	.....	.....	.....	.....	46
.....	44.64	.....	.....	.....	46.38	27.75	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	(5)	(5)	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	(5)	(5)	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	(5)	(5)	.....	.....	.....	.....	.....	.....	51
7,420	.....	12,622	55,576	(5)	3,369	(5)	810	1,491	20,355	.....	4,937	6,991	52
3	.....	9	38	2	6	2	4	3	22	.....	8	3	53
54,825	.....	70,636	204,999	(5)	12,943	(5)	8,482	6,089	95,713	.....	15,411	9,627	54
0.14	.....	0.18	0.27	(5)	0.26	(5)	0.10	0.24	0.21	.....	0.32	0.73	55
2	.....	1	5	.....	2	1	1	.....	1	.....	2	1	56
(5)	.....	(5)	58,228	.....	(5)	(5)	(5)	.....	(5)	.....	(5)	(5)	57
16,740	16,040	23,994	70,820	(5)	14,311	(5)	743	1,557	34,219	.....	23,200	(5)	58
4	3	10	30	2	7	2	5	3	20	.....	4	2	59
55,102	19,057	50,267	169,107	(5)	13,401	(5)	14,205	6,089	84,377	.....	11,266	(5)	60
0.30	0.84	0.48	0.42	(5)	1.07	(5)	0.05	0.26	0.40	.....	2.06	(5)	61
(5)	.....	.....	(5)	(5)	(5)	(5)	5,202	.....	.....	.....	911	(5)	62
1	.....	.....	2	1	1	2	5	.....	.....	.....	4	1	63
(5)	.....	.....	(5)	(5)	(5)	(5)	14,205	.....	.....	.....	11,266	(5)	64
(5)	.....	.....	(5)	(5)	(5)	(5)	36.6	.....	.....	.....	8.1	(5)	65
229,320	.....	(5)	12,155	.....	61,100	(5)	(5)	.....	(5)	.....	76,000	.....	66
3	.....	2	5	.....	3	1	1	.....	1	.....	5	.....	67
52,582	.....	(5)	29,062	.....	9,011	(5)	(5)	.....	(5)	.....	11,871	.....	68
4.36	.....	(5)	0.42	.....	6.78	(5)	(5)	.....	(5)	.....	6.40	.....	69
.....	.....	(5)	(5)	.....	(5)	.....	(5)	.....	.....	.....	29,000	.....	70
.....	.....	1	1	.....	1	.....	1	.....	.....	.....	3	.....	71
.....	.....	(5)	(5)	.....	(5)	.....	(5)	.....	.....	.....	4,671	.....	72
.....	.....	(5)	(5)	.....	(5)	.....	(5)	.....	.....	.....	6.21	.....	73
(5)	206,417	(5)	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	74
2	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	75
(5)	19,057	(5)	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	76
(5)	10.83	(5)	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	77

[4] Data in lines 46 and 47 are not included in lines 34 to 45.

[5] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)			Lawrence	Lee	Livingston	Logan	McHenry	McLean	Macon
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	13	14	49	22	16	54	75
	Open ditches:									
2	Completed	miles	1940	109.9	130.1	72.2	72.7	39.9	123.9	60.1
3			1930	104.9	113.9	57.3	75.4	30.3	85.3	40.0
4			1920	85.3	130.4	24.2	25.8	39.6	87.2	43.0
5	Additional length authorized	miles	1940	.....	.....	.....	3.5	.....	.....	0.5
	Tile drains:									
6	Completed	miles	1940	.....	23.3	174.4	29.7	87.1	142.1	242.7
7			1930	0.5	26.4	129.9	22.5	77.0	76.1	132.7
8			1920	.....	22.9	42.2	19.3	98.6	34.3	71.3
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	6.5	19.0	.....	0.5	.....	.....	12.7
11			1930	7.5	.....	.....	1.0	.....	.....	11.2
12			1920	.....	7.0	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	240	.....	.....	.....	.....	.....	.....
15			1930	240	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	40,000	.....	.....	.....	.....	.....	.....
18			1930	40,000	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	6,370	.....	.....	.....	.....	.....	.....
21			1930	6,370	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	460,712	1,407,972	913,987	941,367	404,121	1,317,252	1,194,243
26			1930	451,022	1,564,983	932,587	908,367	314,095	748,291	724,905
27			1920	304,734	1,284,563	312,304	193,905	479,570	573,761	238,151
28	Estimated cost when completed	dollars	1940	460,712	1,407,972	913,987	971,367	404,121	1,317,252	1,195,243
29			1930	451,022	1,564,983	932,587	968,367	314,095	748,291	731,405
30			1920	304,734	1,339,563	426,762	193,905	530,070	633,994	238,151
31	Average cost per acre when completed	dollars	1940	6.46	15.86	9.22	15.85	10.83	8.60	10.36
32			1930	6.09	25.16	9.72	18.40	10.34	5.69	7.91
33			1920	4.95	15.67	9.01	8.80	10.97	5.43	4.58
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		334,644	188,632	96,900	477,674	30,983	83,825	150,523
35	Average amount per acre	dollars		5.16	9.33	5.25	16.20	6.10	4.01	9.86
36	Enterprises having open ditches and levees	dollars		.....	195,000	.....	280,693	.....	.....	137,517
37	Average amount per acre	dollars		.....	19.57	.....	25.75	.....	.....	20.70
38	Enterprises having tile only	dollars		.....	13,500	565,197	80,000	83,032	514,114	753,828
39	Average amount per acre	dollars		.....	27.84	11.45	10.47	11.21	8.83	11.12
40	Enterprises having tile and levees	dollars		.....	55,000	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	25.34	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	955,840	251,890	133,000	290,106	719,313	135,375
43	Average amount per acre	dollars		.....	17.09	8.05	10.03	11.68	9.72	5.84
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	18,000
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	7.35
46	Enterprises operating pumping plants[2]	dollars		126,068	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		19.54	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		(8)	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		1	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		(8)	.....	.....	.....	.....	.....	.....
51	Average cost per acre[3]	dollars		(8)	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		3,633	6,625	2,900	10,604	.....	(8)	3,266
53	Enterprises reporting	number		10	4	4	5	.....	1	19
54	Land in these enterprises	acres		52,884	47,319	8,680	14,760	.....	(8)	31,812
55	Average cost per acre	dollars		0.07	0.14	0.33	0.72	.....	(8)	0.10
	Federal aid in maintenance:									
56	Enterprises reporting	number		.....	.....	3	.....	.....	2	.....
57	Land in these enterprises	acres		.....	.....	7,090	.....	.....	(8)	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		2,645	13,074	(8)	9,964	.....	(8)	10,656
59	Enterprises reporting	number		7	3	1	5	.....	2	6
60	Land in these enterprises	acres		39,914	38,159	(8)	15,060	.....	(8)	10,185
61	Average amount collected per acre	dollars		0.07	0.34	(8)	0.66	.....	(8)	1.05
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		.....	6,145	(8)	.....	.....	.....	(8)
63	Enterprises reporting	number		.....	3	2	.....	.....	.....	1
64	Land in these enterprises	acres		.....	44,805	(8)	.....	.....	.....	(8)
65	Portion delinquent in these enterprises	percent		.....	13.7	(8)	.....	.....	.....	(8)
66	Total indebtedness, Dec. 31, 1939	dollars		(8)	(8)	.....	(8)	.....	.....	(8)
67	Enterprises reporting	number		2	2	.....	1	.....	.....	2
68	Land in these enterprises	acres		(8)	(8)	.....	(8)	.....	.....	(8)
69	Average indebtedness per acre	dollars		(8)	(8)	.....	(8)	.....	.....	(8)
70	Indebtedness in arrears, Dec. 31, 1939	dollars		(8)	(8)	.....	(8)	.....	.....	.....
71	Enterprises reporting	number		1	1	.....	1	.....	.....	.....
72	Land in these enterprises	acres		(8)	(8)	.....	(8)	.....	.....	.....
73	Average arrearage per acre	dollars		(8)	(8)	.....	(8)	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		(8)	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		1	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		(8)	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		(8)	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Pumping plant located in St. Clair County.
[3] Part tributary to pumps in St. Clair County.
[4] Revised.

1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Macoupin	Madison	Marshall	Mason	Massac	Menard	Mercer	Monroe	Montgomery	Morgan	Moultrie	Ogle	Peoria	
15	8	4	14	4	4	3	10	48	10	42	5	3	1
35.1	53.6	6.8	233.9	47.5	30.7	24.2	76.1	114.0	33.6	48.0	22.8	8.0	2
37.9	30.8	5.2	194.6	49.0	41.8	31.0	36.0	122.7	69.3	63.0	32.0	15.0	3
3.2	22.3	(1)	154.9	54.6	27.5	24.0	45.9	62.1	14.8	22.7	18.3	9.5	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
43.6	.....	2.9	4.5	.....	.....	0.5	.....	206.7	4.9	41.1	11.2	6.0	6
27.2	.....	3.6	5.3	.....	.....	1.0	.....	161.7	5.5	59.4	8.5	2.7	7
15.4	.....	(1)	5.3	.....	2.5	.....	.....	144.4	2.4	32.8	7.8	45.9	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	44.3	.....	22.5	2.0	20.6	21.0	77.9	.....	9.0	.....	8.0	12.6	10
34.0	50.9	.....	9.0	7.7	28.0	21.0	19.0	3.0	20.9	.....	.....	14.0	11
2.7	2.3	(1)	12.2	7.7	17.5	15.4	26.3	.....	20.6	.....	.....	9.3	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	200	.....	.....	.....	125	1,000	65	.....	350	.....	.....	500	14
.....	200	.....	.....	.....	50	1,000	.....	.....	550	.....	.....	575	15
.....	(2)	(1)	60	.....	50	1,150	.....	.....	325	.....	.....	515	16
.....	24,000	.....	.....	.....	15,000	200,000	6,000	.....	46,000	.....	.....	69,550	17
.....	66,000	.....	.....	.....	10,000	200,000	.....	.....	105,000	.....	.....	88,000	18
.....	(2)	(1)	16,000	.....	8,400	225,000	.....	.....	54,000	.....	.....	62,666	19
.....	[3] 33,710	.....	.....	.....	2,814	19,473	2,000	.....	1,651	.....	.....	6,005	20
.....	3,800	.....	.....	.....	2,288	20,834	.....	.....	5,450	.....	.....	6,216	21
.....	20,000	(1)	1,320	.....	2,000	20,230	.....	.....	2,482	.....	.....	4,400	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
90,778	2,744,841	93,858	1,665,116	329,595	193,587	755,392	705,065	725,635	411,683	466,102	110,770	401,322	25
[4] 177,986	2,812,694	100,802	1,554,131	721,600	396,212	691,000	315,000	659,604	605,936	410,644	131,520	484,935	26
64,483	2,048,500	(1)	1,153,190	609,600	176,500	558,600	738,446	383,853	156,932	159,901	113,900	246,760	27
90,778	2,744,841	93,858	1,665,116	329,595	193,587	755,392	705,065	725,635	411,683	466,102	110,770	401,322	28
[4] 180,486	2,812,694	100,802	1,554,131	721,600	396,212	891,000	315,000	712,004	605,936	410,644	131,520	484,935	29
64,483	3,048,500	(1)	1,353,190	621,600	176,500	975,400	738,446	386,965	156,932	159,901	141,900	246,760	30
7.53	55.78	15.38	15.25	8.94	15.74	31.43	10.95	11.29	28.25	6.38	8.11	64.36	31
[4] 13.80	[5] 61.68	15.79	13.62	21.47	36.79	37.38	9.20	10.64	33.14	5.74	8.36	75.23	32
8.51	[6] 108.41	(1)	11.41	21.58	10.51	43.70	29.70	7.98	15.67	7.90	11.07	40.45	33
14,299	174,749	47,483	1,412,727	152,595	.....	8,500	201,580	54,655	141,323	189,731	27,180	2,000	34
16.16	20.31	16.36	14.65	4.67	.....	5.06	10.02	7.76	29.64	5.06	5.33	8.70	35
.....	586,834	.....	201,528	177,000	131,587	.....	395,205	.....	85,500	.....	.....	.....	36
.....	85.11	.....	19.12	42.36	13.88	.....	11.26	.....	21.06	.....	.....	.....	37
16,402	.....	10,210	.....	.....	.....	.....	.....	55,917	8,862	204,203	.....	.....	38
6.34	.....	7.42	.....	.....	.....	.....	.....	12.43	20.75	7.44	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
60,077	.....	36,165	50,861	.....	.....	9,000	.....	615,063	.....	72,168	24,300	.....	42
6.99	.....	19.83	23.12	.....	.....	3.12	.....	11.67	.....	8.85	6.00	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	111,196	.....	59,290	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	30.31	.....	13.14	.....	45
.....	1,983,258	.....	.....	.....	62,000	737,892	108,280	.....	64,802	.....	.....	399,322	46
.....	58.83	.....	.....	.....	22.03	37.89	11.78	.....	39.25	.....	.....	66.50	47
.....	(8)	.....	.....	.....	(8)	(8)	(8)	.....	(8)	.....	.....	(8)	48
.....	2	.....	.....	.....	1	1	1	.....	2	.....	.....	2	49
.....	(8)	.....	.....	.....	(8)	(8)	(8)	.....	(8)	.....	.....	(8)	50
.....	(8)	.....	.....	.....	(8)	(8)	(8)	.....	(8)	.....	.....	(8)	51
480	6,321	(8)	(8)	6,810	(8)	.....	13,252	17,819	8,815	1,539	(8)	.....	52
5	6	1	1	4	2	.....	9	41	4	11	1	.....	53
4,015	15,497	(8)	(8)	36,847	(8)	.....	55,221	48,736	10,366	29,103	(8)	.....	54
0.12	0.41	(8)	(8)	0.18	(8)	.....	0.24	0.36	0.85	0.05	(8)	.....	55
1	4	1	8	.....	2	1	3	1	1	.....	.....	1	56
(8)	38,630	(8)	77,248	.....	(8)	(8)	27,192	(8)	(8)	.....	.....	(8)	57
(8)	147,308	.....	(8)	6,734	5,781	(8)	8,552	1,296	13,942	.....	(8)	(8)	58
1	7	.....	2	4	3	1	5	4	5	.....	1	2	59
(8)	48,215	.....	(8)	36,847	6,684	(8)	43,966	3,815	9,977	.....	(8)	(8)	60
(8)	3.06	.....	(8)	0.18	0.86	(8)	0.19	0.34	1.40	.....	(8)	(8)	61
(8)	(8)	.....	.....	12,314	.....	(8)	(8)	(8)	(8)	.....	(8)	.....	62
1	2	.....	.....	3	.....	1	2	2	2	.....	1	.....	63
(8)	(8)	.....	.....	35,913	.....	(8)	(8)	(8)	(8)	.....	(8)	.....	64
(8)	(8)	.....	.....	34.3	.....	(8)	(8)	(8)	(8)	.....	(8)	.....	65
(8)	(8)	.....	(8)	.....	(8)	(8)	.....	(8)	(8)	.....	(8)	(8)	66
1	2	.....	1	.....	2	2	.....	1	2	.....	1	2	67
(8)	(8)	.....	(8)	.....	(8)	(8)	.....	(8)	(8)	.....	(8)	(8)	68
(8)	(8)	.....	(8)	.....	(8)	(8)	.....	(8)	(8)	.....	(8)	(8)	69
(8)	.....	.....	.....	.....	.....	(8)	.....	(8)	.....	.....	(8)	.....	70
1	.....	.....	.....	.....	.....	2	.....	1	.....	.....	1	.....	71
(8)	.....	.....	.....	.....	.....	(8)	.....	(8)	.....	.....	(8)	.....	72
(8)	.....	.....	.....	.....	.....	(8)	.....	(8)	.....	.....	(8)	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(8)	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(8)	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(8)	77

[5] Includes agricultural land in sanitary districts.
[6] Includes cost for benefits other than agricultural.
[7] Data in lines 46 and 47 are not included in lines 34 to 45.
[8] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)			Piatt	Pike	Pulaski	Randolph	Rock Island	St. Clair	Saline
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	80	13	8	5	6	8	14
	Open ditches:									
2	Completed	miles	1940	205.1	171.1	51.6	17.5	48.0	58.2	113.6
3			1930	99.1	122.5	17.9	35.6	59.5	46.6	100.2
4			1920	117.2	43.0	26.6	12.6	27.6	33.4	109.3
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles	1940	179.6	.....	1.5	.....	1.7	.....	4.8
7			1930	149.3	0.5	1.5	1.0	.....	.....	0.8
8			1920	142.6	34.3	.....	2.0	1.8	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	.....	130.8	0.5	23.5	10.6	31.4	.....
11			1930	3.0	167.0	0.8	22.6	13.5	29.9	.....
12			1920	.....	59.2	2.8	17.7	10.2	1.5	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	1,450	.....	.....	550	3,465	.....
15			1930	.....	1,050	.....	.....	550	.....	.....
16			1920	.....	450	.....	.....	495	3,900	.....
17	Pump capacity	gal. per min.	1940	.....	106,000	.....	.....	120,400	760,500	.....
18			1930	.....	190,000	.....	.....	151,000	.....	.....
19			1920	.....	97,000	.....	.....	75,000	675,000	.....
20	Land served by pumps	acres	1940	.....	11,469	.....	.....	10,015	31,440	.....
21			1930	.....	10,200	.....	.....	12,700	.....	.....
22			1920	.....	5,350	.....	.....	9,168	10,000	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	1,550,372	3,876,255	286,671	261,782	615,016	6,175,998	412,078
26			1930	1,182,065	3,737,310	312,598	242,100	733,900	5,503,973	402,628
27			1920	865,364	1,532,727	218,395	283,554	411,500	2,701,572	396,835
28	Estimated cost when completed	dollars	1940	1,550,372	3,876,255	286,671	261,782	615,016	6,175,998	412,078
29			1930	1,182,065	3,737,310	312,598	242,100	833,900	5,503,973	402,628
30			1920	865,364	1,549,627	218,595	293,554	526,700	6,201,572	405,835
31	Average cost per acre when completed	dollars	1940	8.83	33.99	7.32	14.98	28.74	[4] 123.73	5.28
32			1930	7.31	34.04	8.41	16.92	24.80	[5] 99.57	5.90
33			1920	7.07	22.90	11.33	15.49	22.03	[4] 112.26	6.13
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		412,941	.....	217,185	4,685	175,500	138,398	356,078
35	Average amount per acre	dollars		6.10	.....	6.47	12.66	23.48	11.98	5.04
36	Enterprises having open ditches and levees	dollars		.....	3,208,212	.....	257,097	.....	37,600	.....
37	Average amount per acre	dollars		.....	31.28	.....	15.03	.....	5.42	.....
38	Enterprises having tile only	dollars		262,706	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		7.03	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		874,725	.....	.....	.....	125,000	.....	56,000
43	Average amount per acre	dollars		12.42	.....	.....	.....	31.94	.....	7.57
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	69,486	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	12.42	.....	.....	.....	.....
46	Enterprises operating pumping plants[6]	dollars		.....	668,043	.....	.....	314,516	6,000,000	.....
47	Average amount per acre	dollars		.....	58.24	.....	.....	31.40	[4] 190.84	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	(7)	.....	.....	(7)	(7)	.....
49	Enterprises reporting	number		.....	2	.....	.....	2	1	.....
50	Land in these enterprises	acres		.....	(7)	.....	.....	(7)	(7)	.....
51	Average cost per acre	dollars		.....	(7)	.....	.....	(7)	(7)	.....
52	By enterprises not operating pumping plants	dollars		5,687	33,005	4,025	2,796	.....	1,502	310
53	Enterprises reporting	number		3	10	6	4	.....	3	3
54	Land in these enterprises	acres		25,876	102,378	29,442	14,950	.....	9,719	5,920
55	Average cost per acre	dollars		0.22	0.32	0.14	0.19	.....	0.15	0.05
	Federal aid in maintenance:									
56	Enterprises reporting	number		3	5	1	1	1	2	9
57	Land in these enterprises	acres		3,356	77,208	(7)	(7)	(7)	(7)	43,190
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		11,603	66,204	3,134	.....	(7)	400,947	(7)
59	Enterprises reporting	number		9	11	4	.....	2	3	2
60	Land in these enterprises	acres		28,992	103,799	25,855	.....	(7)	34,889	(7)
61	Average amount collected per acre	dollars		0.40	0.64	0.12	.....	(7)	11.49	(7)
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		(7)	(7)	17,112	.....	(7)	.....	(7)
63	Enterprises reporting	number		2	2	4	.....	1	.....	1
64	Land in these enterprises	acres		(7)	(7)	25,855	.....	(7)	.....	(7)
65	Portion delinquent in these enterprises	percent		(7)	(7)	66.2	.....	(7)	.....	(7)
66	Total indebtedness, Dec. 31, 1939	dollars		(7)	354,554	11,597	.....	157,324	(7)	(7)
67	Enterprises reporting	number		1	6	3	.....	3	1	2
68	Land in these enterprises	acres		(7)	80,598	9,181	.....	10,387	(7)	(7)
69	Average indebtedness per acre	dollars		(7)	4.40	1.26	.....	(7)	(7)	(7)
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	(7)	10,913	.....	(7)	.....	.....
71	Enterprises reporting	number		.....	1	3	.....	2	.....	.....
72	Land in these enterprises	acres		.....	(7)	9,181	.....	(7)	.....	.....
73	Average arrearage per acre	dollars		.....	(7)	1.19	.....	(7)	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	(7)	.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	2	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	(7)	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	(7)	.....	.....	.....	.....	.....

[1] Includes Boone, Calhoun, Clay, Effingham, Hancock, Pope, Putnam, Richland, Stark, and Winnebago Counties in 1940; Bond, Boone, Calhoun, Clay, Effingham, Hancock, Jackson, McDonough, Pope, Putnam, Richland, Stark, and Winnebago Counties in 1930; and Bond, Boone, Calhoun, Clay, Hancock, Jasper, McDonough, Marion, Marshall, Pope, Putnam, Richland, and Winnebago Counties in 1920.

[2] Pumping plant located in Rock Island County.

[3] Pumping plant located in Alexander County.

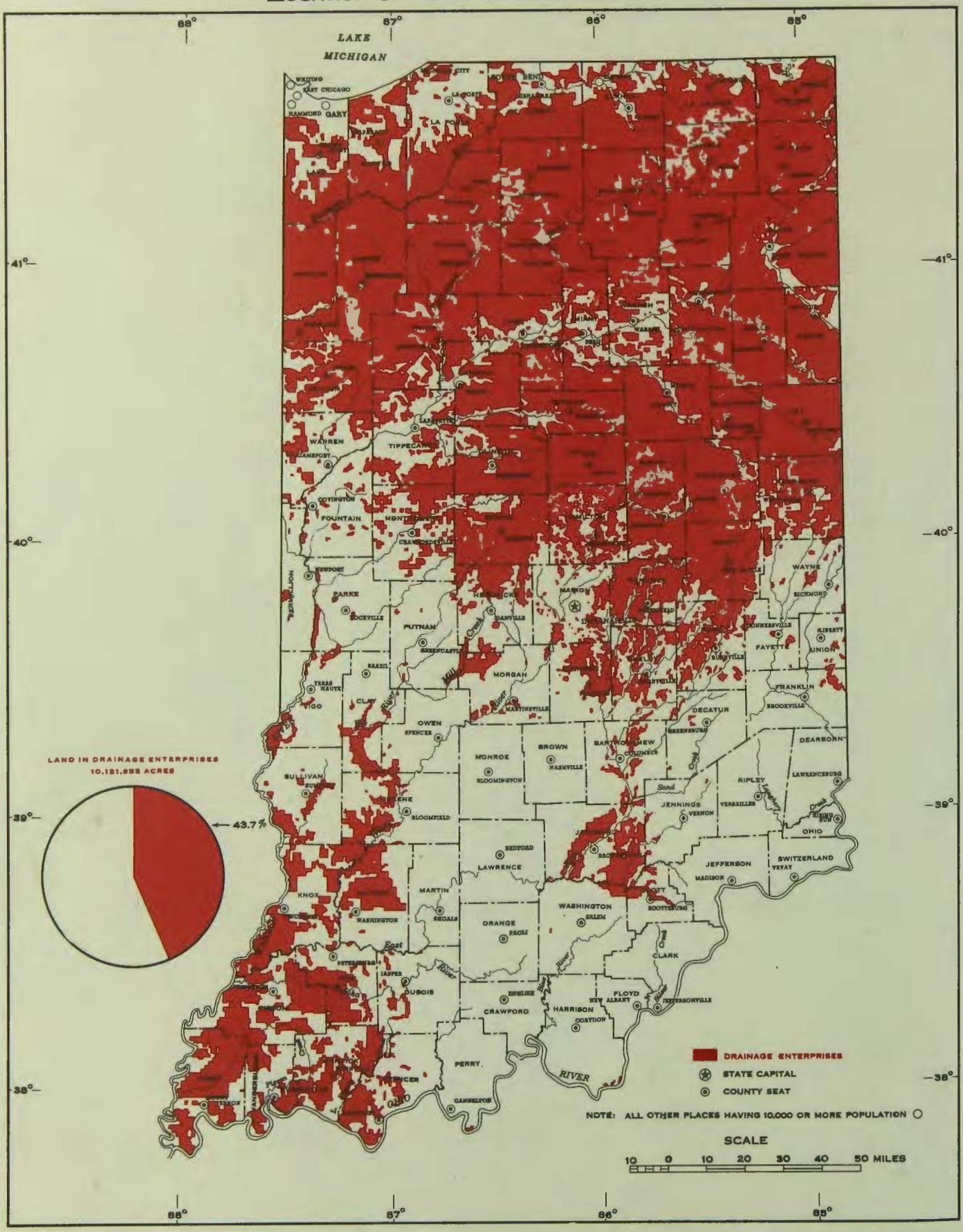
1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Sangamon	Schuyler	Scott	Shelby	Tazewell	Union	Vermilion	Wabash	Wayne	White	Whiteside	Will	Woodford	Other counties[1]	
10	4	6	33	12	5	88	16	13	25	29	35	5	15	1
36.5	29.0	60.8	39.7	85.9	40.5	206.1	66.5	138.3	96.2	162.3	70.1	13.8	100.0	2
33.5	25.0	73.0	59.7	91.2	31.3	125.1	59.8	131.3	90.7	221.8	74.6	9.6	172.9	3
.....	30.3	44.2	17.1	83.0	49.1	104.7	83.1	89.7	65.3	236.8	58.1	13.2	111.7	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
68.0	21.5	6.5	51.1	3.3	.....	232.1	4.7	.....	1.8	23.0	56.6	10.7	20.3	6
31.1	5.0	4.9	39.5	128.9	.....	322.5	0.6	0.1	1.8	32.0	66.7	9.2	88.5	7
6.3	18.0	202.9	71.7	15.2	.....	182.2	6.7	.....	1.8	4.9	43.4	.....	12.7	8
.....	.....	.....	.....	.....	.....	2.5	.....	.....	.....	.....	.....	.....	.....	9
3.3	33.5	45.4	.....	45.2	36.5	.....	.....	15.5	6.0	21.9	.....	.....	48.1	10
2.0	30.0	41.0	.....	24.3	28.9	.....	.....	1.9	0.2	8.1	.....	.....	45.4	11
.....	26.6	50.2	.....	22.9	29.7	.....	.....	.....	.....	31.0	.....	2.0	18.5	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	825	1,270	.....	1,095	.....	.....	.....	200	110	(2)	.....	.....	800	14
.....	925	1,120	.....	1,010	.....	.....	.....	200	.....	.....	.....	.....	770	15
.....	850	980	.....	1,715	(3)	.....	.....	.....	.....	(2)	.....	.....	220	16
.....	113,250	247,000	.....	182,950	.....	.....	.....	28,200	10,000	(2)	.....	.....	122,000	17
.....	118,000	224,000	.....	162,000	.....	.....	.....	16,000	.....	.....	.....	.....	108,200	18
.....	114,500	137,000	.....	201,000	(3)	.....	.....	.....	.....	(2)	.....	.....	36,000	19
.....	16,385	25,813	.....	13,128	.....	.....	.....	3,000	2,960	5,571	.....	.....	18,677	20
.....	15,836	30,016	.....	14,242	.....	.....	.....	9,041	.....	.....	.....	.....	19,825	21
.....	16,380	27,352	.....	13,861	500	.....	.....	.....	.....	4,319	.....	.....	5,500	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
234,802	899,678	1,341,638	218,427	1,321,540	644,555	1,967,486	190,308	1,037,761	495,126	857,491	495,102	142,631	1,725,867	25
499,577	926,731	902,668	333,255	2,073,802	563,772	1,854,563	133,287	843,185	561,367	1,060,911	460,179	128,808	2,755,604	26
8,100	658,794	893,545	114,187	1,016,463	497,850	973,498	296,945	282,959	233,402	883,204	334,849	147,750	1,611,901	27
234,802	899,678	1,341,638	218,427	1,321,540	644,555	1,978,486	190,308	1,037,761	495,126	857,491	495,102	142,631	1,725,867	28
552,577	926,731	902,668	333,655	2,073,802	563,772	1,899,165	133,287	891,185	571,367	1,080,911	460,179	128,808	2,755,604	29
8,100	678,980	893,545	114,187	1,023,963	522,550	1,011,498	296,945	282,959	240,644	993,704	388,681	171,000	1,669,101	30
7.58	54.91	46.65	4.63	35.05	17.18	10.12	7.05	15.24	8.17	6.89	8.79	7.38	27.49	31
19.02	58.52	27.90	5.65	58.18	17.90	11.15	5.27	12.60	10.33	8.36	7.13	8.18	34.12	32
1.14	42.23	27.58	3.59	29.91	15.05	8.35	11.14	6.59	7.14	7.19	8.44	20.12	17.37	33
6,505	.....	.....	33,716	109,161	6,400	258,601	148,745	655,072	439,194	329,290	132,461	33,000	83,450	34
9.69	.....	.....	1.34	5.08	8.74	7.69	7.22	11.23	7.91	6.84	7.00	5.49	5.25	35
61,386	.....	16,093	.....	26,316	638,155	.....	.....	17,689	13,932	94,949	.....	.....	331,153	36
14.76	.....	43.61	.....	24.50	17.35	.....	.....	14.72	10.55	8.66	.....	.....	26.16	37
16,851	.....	.....	105,726	7,036	.....	690,796	2,300	.....	5,333	.....	140,885	57,637	.....	38
11.78	.....	.....	5.98	9.26	.....	16.96	3.03	.....	6.84	.....	9.43	8.36	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
150,060	.....	.....	78,985	.....	.....	1,029,089	39,263	.....	.....	341,294	221,756	51,994	153,635	42
6.07	.....	.....	18.13	.....	.....	8.50	6.95	.....	.....	5.70	9.88	8.09	9.87	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	899,678	1,325,545	.....	1,179,027	.....	.....	.....	365,000	36,667	91,958	.....	.....	1,157,629	46
.....	54.91	46.69	.....	81.83	.....	.....	.....	42.84	12.39	16.51	.....	.....	61.98	47
.....	10,558	20,148	.....	34,488	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	48
.....	4	5	.....	3	.....	.....	.....	1	1	1	.....	.....	1	49
.....	16,385	28,389	.....	14,408	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	50
.....	0.64	0.71	.....	2.39	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	51
2,524	.....	(7)	1,754	1,086	2,010	41,396	5,899	(7)	358	8,310	6,680	2,052	33,931	52
4	.....	1	12	3	3	35	10	1	3	9	3	5	9	53
26,218	.....	(7)	22,396	6,146	17,872	76,990	19,950	(7)	3,190	24,154	10,150	19,330	23,265	54
0.10	.....	(7)	0.08	0.18	0.11	0.54	0.30	(7)	0.11	0.34	0.66	0.11	1.46	55
2	.....	5	1	.....	4	3	2	2	2	1	.....	1	1	56
(7)	.....	28,445	(7)	.....	37,040	3,039	(7)	(7)	(7)	(7)	.....	(7)	(7)	57
(7)	14,094	42,672	.....	68,458	234	39,711	2,919	21,417	4,771	22,444	12,879	(7)	17,677	58
1	4	4	.....	9	3	29	8	5	5	13	8	1	5	59
(7)	16,385	20,445	.....	35,710	15,472	65,515	17,470	41,148	23,312	34,082	17,770	(7)	21,130	60
(7)	0.86	2.09	.....	1.92	0.02	0.61	0.17	0.52	0.20	0.66	0.72	(7)	0.84	61
.....	(7)	5,033	.....	(7)	.....	(7)	890	7,355	(7)	1,534	.....	.....	3,987	62
.....	1	3	.....	2	.....	2	5	3	2	6	.....	.....	3	63
.....	(7)	20,076	.....	(7)	.....	(7)	12,074	13,634	(7)	14,443	.....	.....	17,090	64
.....	(7)	25.1	.....	(7)	.....	(7)	7.4	53.9	(7)	10.6	.....	.....	23.3	65
(7)	(7)	156,954	(7)	401,674	(7)	2,000	7,300	252,097	42,970	9,390	.....	(7)	166,042	66
2	2	4	1	5	1	3	4	5	3	5	.....	1	3	67
(7)	(7)	24,945	(7)	17,390	(7)	6,400	8,074	41,148	19,032	11,259	.....	(7)	24,178	68
(7)	(7)	6.29	(7)	23.10	(7)	0.31	0.90	6.13	2.26	0.83	.....	(7)	6.87	69
(7)	(7)	(7)	.....	(7)	.....	.....	(7)	16,750	(7)	.....	.....	(7)	(7)	70
1	1	1	.....	1	.....	.....	1	3	1	.....	.....	1	1	71
(7)	(7)	(7)	.....	(7)	.....	.....	(7)	13,634	(7)	.....	.....	(7)	(7)	72
(7)	(7)	(7)	.....	(7)	.....	.....	(7)	1.23	(7)	.....	.....	(7)	(7)	73
.....	(7)	(7)	.....	(7)	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	74
.....	1	2	.....	1	.....	.....	.....	2	2	2	.....	.....	2	75
.....	(7)	(7)	.....	(7)	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	76
.....	(7)	(7)	.....	(7)	.....	.....	.....	(7)	(7)	(7)	.....	.....	(7)	77

[4] Includes cost for benefits other than agricultural.
[5] Includes agricultural land in sanitary districts.
[6] Data in lines 46 and 47 are not included in lines 34 to 45.
[7] Where there are less than 3 enterprises reporting, data are included only in State totals.

INDIANA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	23,153,920	23,068,800	23,068,800	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	10,121,952	10,214,014	9,087,183	-92,062	-0.9	1,126,831	12.4
Improved.....acres.....	8,738,887	9,361,457	7,605,565	-622,570	-6.6	1,755,892	23.1
Unimproved:							
Timber and cut-over.....acres.....	1,000,928	681,869	942,378	319,059	46.8	-260,509	-27.6
Other.....acres.....	382,137	170,688	539,240	211,449	123.9	-368,552	-68.3
Drainage sufficient for normal crop.....acres.....	9,424,503	9,303,527	[1]	120,976	1.3	.....	.....
Partly drained, for partial crop.....acres.....	534,496	688,218	[1]	-153,722	-22.3	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	162,953	222,269	[2] 386,320	-59,316	-26.7	-161,051	-42.5
In occupied farms.....acres.....	9,703,805	10,150,221	[1]	-446,416	-4.4	.....	.....
In planted crops.....acres.....	7,512,766	8,454,498	[1]	-941,732	-11.1	.....	.....
Idle.....acres.....	1,396,258	486,660	[1]	909,598	186.9	.....	.....
Available for settlement.....acres.....	.....	4,359	[1]	-4,359	-100.0	.....	.....
Open ditches, completed.....miles.....	22,008.1	20,786.8	17,470.7	1,221.3	5.9	3,316.1	19.0
Tile drains, completed.....miles.....	10,754.7	10,438.7	8,227.6	316.0	3.0	2,211.1	26.9
Drainage pumping plants, capacity.....horsepower....	515	166	625	349	210.2	-459	-73.4
gal. per min..	47,333	48,000	55,348	-667	-1.4	-7,348	-13.3
Capital invested in enterprises.....dollars.....	47,540,385	54,110,854	31,147,682	-6,570,469	-12.1	22,963,172	73.7
Average per acre.....dollars.....	4.70	5.30	3.43	-0.60	-11.3	1.87	54.5

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	Acres	Acres	Acres		Acres	Acres	Acres	Acres
All enterprises.....	19,972,525	23,049,787	15,015,221	10,121,952	5,000 to 9,999 acres.....	2,362,676	2,727,803	1,718,075	1,356,726
					10,000 to 19,999 acres.....	2,070,077	5,088,605	2,917,817	1,271,114
Less than 100 acres.....	234,818	120,776	255,985	69,853	20,000 to 49,999 acres.....	1,966,222			1,018,017
100 to 199 acres.....	461,361	307,243		164,890	50,000 to 99,999 acres.....	1,022,024	1,878,090	1,032,904	631,619
200 to 499 acres.....	2,147,384	1,729,422	1,218,792	890,161					
500 to 999 acres.....	2,806,651	2,896,966	2,098,534	1,306,593	100,000 to 199,999 acres.....	711,417	1,044,155	755,799	196,349
1,000 to 1,999 acres.....	2,969,206	7,256,727	5,017,315	1,467,052	200,000 to 499,999 acres.....	.....		.....	.....
2,000 to 4,999 acres.....	3,220,689			1,749,278	500,000 acres and over.....	.....		.....	.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	10,121,952	100.0	47,540,385	100.0
Drainage districts.....	17,644	0.2	322,274	0.7
County drains.....	10,103,308	99.8	47,119,446	99.1
Individually owned projects.....	1,000	[1]	98,665	0.2

[1] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises.....	10,121,952	100.0	10,214,014	100.0	9,087,183	100.0	47,540,385	100.0	54,110,854	100.0	31,147,682	100.0
Gravity drainage only by—												
Open ditches.....	6,668,905	65.9	6,084,055	59.6			25,559,874	53.8	29,309,214	54.2		
Tile drains.....	1,405,700	13.9	2,088,780	20.4	9,078,072	99.9	11,465,952	24.1	10,938,127	20.2	30,964,618	99.4
Open ditches and tile drains..	2,031,326	20.1	2,036,740	19.9			10,317,787	21.7	13,751,986	25.4		
All drained by pumping by—												
Open ditches.....	3,706	[2]					110,515	0.2				
Tile drains.....	.....	.....	1,133	[2]	311	[2]	.....	.....	20,000	[2]	6,289	[2]
Open ditches and tile drains..	206	[2]					5,619	[2]				
Part only by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	.....	.....	3,306	[2]	8,800	0.1	.....	.....	91,527	0.2	176,775	0.6
Open ditches and tile drains..	12,109	0.1					80,638	0.2				
Total area served by pumps.....	5,412	[2]	2,763	[2]	5,611	0.1	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises	1940	4	515	100.0	47,333	5,412
	1930	4	166	100.0	48,000	2,763
	1920	4	625	100.0	55,348	5,611
Steam	1940	.....	.....	.....	.....	.....
	1930	2	50	30.1	16,000	1,133
	1920	4	625	100.0	55,348	5,611
Internal combustion	1940	4	515	100.0	47,333	5,412
	1930	1	100	60.3	30,000	1,500
	1920	.....	.....	.....	.....	.....
Electric and internal combustion	1940	.....	.....	.....	.....	.....
	1930	1	16	9.6	2,000	130
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises	1940	5	47,333	100.0	515	5,412
	1930	7	48,000	100.0	166	2,763
Centrifugal	1940	5	47,333	100.0	515	5,412
	1930	6	42,000	87.5	141	2,163
Rotary	1940	.....	.....	.....	.....	.....
	1930	1	6,000	12.5	25	600

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	10,121,952	100.0	10,214,014	100.0	47,540,385	100.0	54,110,854	100.0	62,207	99,698
Enterprises in arrears	451,083	4.4	287,956	2.8	1,673,689	3.5	1,160,540	2.1	55,125	79,180
With some delinquent land	252,815	2.5	215,935	2.1	897,769	1.9	876,860	1.6	55,125	79,180
With no delinquent land	188,177	1.8	9,941	0.1	731,507	1.5	35,054	0.1	.....	.....
With no report on delinquency	10,091	0.1	62,080	0.6	44,413	0.1	248,626	0.4	.....	.....
Enterprises not in arrears	9,613,219	95.0	9,926,058	97.2	45,506,257	95.7	52,950,314	97.9	7,082	20,518
With some delinquent land	49,717	0.5	92,877	0.9	306,366	0.6	744,461	1.4	7,082	20,518
With no delinquent land	9,541,569	94.3	9,721,890	95.2	45,044,913	94.8	51,228,460	94.7	.....	.....
With no report on delinquency	21,933	0.2	111,291	1.1	154,978	0.3	977,393	1.8	.....	.....
Enterprises not reporting on arrearage	57,650	0.6	.....	.....	360,439	0.8	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	10,170	0.1	.....	.....	75,781	0.2	.....	.....	.....	.....
With no report on delinquency	17,480	0.5	.....	.....	284,658	0.6	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	10,121,952	47,540,385	429,245	131,634	9,752	62,207	133,868
Enterprises in debt	689,172	2,868,834	429,245	131,634	1,252	58,271	93,769
In arrears, amount of arrearage stated	451,083	1,673,689	139,496	131,634	.....	55,125	15,643
Collecting drainage taxes in 1939	160,603	416,702	48,009	41,337	.....	38,906	15,643
No collections reported	290,480	1,256,987	91,487	90,297	.....	16,219	.....
Not in arrears	238,089	1,195,145	289,749	.....	1,252	3,146	78,126
Collecting drainage taxes in 1939	111,850	807,030	148,761	.....	.....	644	78,126
No collections reported	126,239	388,115	140,988	.....	1,252	2,502	.....
Enterprises not in debt	9,292,381	44,123,211	.....	.....	.....	3,936	36,385
Collecting drainage taxes in 1939	90,623	320,786	.....	.....	.....	1,082	36,385
No collections reported	9,201,758	43,802,425	.....	.....	.....	2,854	.....
Enterprises not reporting as to debt	140,399	548,340	.....	.....	8,500	.....	3,714
Collecting drainage taxes in 1939	3,146	78,000	.....	.....	.....	.....	3,714
No collections reported	137,253	470,340	.....	.....	8,500	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	10,121,952	100.0	47,540,365	100.0
Improvement of land already in farms	10,101,620	99.8	47,293,533	99.5
Reclamation of swamp land not previously in farms	19,032	0.2	211,613	0.4
Protection against overflow	1,300	(1)	35,239	0.1

[1] Less than one-tenth of 1 percent.

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	10,121,952	100.0	19,972,525	9,850,573	47,540,385	100.0
Before 1870	9,834	0.1	58,437	48,603	89,319	0.2
1870-1879	156,357	1.5	740,358	584,001	1,029,105	2.2
1880-1889	867,979	8.6	2,934,332	2,066,353	4,925,307	10.4
1890-1899	1,071,678	10.6	3,058,228	1,986,550	5,343,802	11.2
1900-1904	1,174,122	11.6	2,629,190	1,455,068	5,068,723	10.7
1905-1909	1,104,013	10.9	2,292,817	1,188,804	5,005,929	10.5
1910-1914	1,094,314	10.8	1,998,404	904,090	5,935,618	12.5
1915-1919	1,386,554	13.7	2,041,428	654,874	7,004,117	14.7
1920-1924	987,964	9.8	1,399,584	411,620	5,078,133	10.7
1925-1929	1,389,543	13.7	1,796,466	406,923	5,573,838	11.7
1930-1934	568,447	5.6	686,187	117,740	1,847,169	3.9
1935-1939	311,147	3.1	337,094	25,947	639,125	1.3

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	10,121,952	9,424,503	93.1	534,496	162,953	8,738,887	86.3	1,000,928	382,137	9,703,805	95.9	7,512,766	1,396,258	252
Before 1870	9,834	9,489	96.5	345	.....	9,067	92.2	393	374	9,454	96.1	8,579	705	.....
1870-1879	156,357	145,553	93.1	9,367	1,437	133,107	85.1	16,864	6,386	150,021	95.9	114,334	18,474	.....
1880-1889	867,979	823,020	94.8	36,436	8,523	754,568	86.9	85,047	28,364	845,959	97.5	662,352	127,274	.....
1890-1899	1,071,678	1,002,778	93.6	49,794	19,106	933,453	87.1	100,195	38,030	1,050,663	98.0	765,574	145,326	252
1900-1904	1,174,122	1,067,525	90.9	89,033	17,564	996,048	84.8	133,388	44,686	1,151,828	98.1	806,359	180,599	.....
1905-1909	1,104,013	1,016,574	92.1	69,273	18,166	920,886	83.4	128,423	54,704	1,024,214	92.8	822,622	149,624	.....
1910-1914	1,094,314	1,018,380	93.1	53,892	22,042	963,266	88.0	92,096	38,952	1,012,467	92.5	857,448	149,992	.....
1915-1919	1,386,554	1,305,937	94.2	59,865	20,752	1,172,334	84.6	168,948	45,272	1,304,782	94.1	964,012	217,015	.....
1920-1924	987,964	928,887	94.0	42,540	16,537	872,595	88.3	85,452	29,917	978,281	99.0	791,603	138,552	.....
1925-1929	1,389,543	1,270,283	91.4	95,161	24,099	1,203,415	86.6	122,693	63,435	1,310,555	94.3	1,015,264	188,467	.....
1930-1934	568,447	543,151	95.5	19,401	5,895	505,093	88.8	43,871	19,483	557,875	98.1	455,836	48,896	.....
1935-1939	311,147	292,926	94.1	9,389	8,832	275,055	88.4	23,558	12,534	307,706	98.9	248,783	31,334	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	10,121,952	10,097,138	173,999	9,923,139	45,638	(1)	0.26
Gravity drainage only	10,105,931	10,097,138	173,999	9,923,139	45,638	(1)	0.26
Open ditches only	6,608,890	6,594,617	34,965	6,559,652	10,444	(1)	0.30
Open ditches and levees	60,015	[2] 75,838	[2] 16,250	[2] 59,588	[2] 9,290	[2] 0.12	[2] 0.57
Tile drains only	1,404,959	1,400,691	26,440	1,374,251	6,707	(1)	0.25
Tile drains and levees	741	741	.....	741	.....	.....	.....
Open ditches and tile drains	2,019,282	2,013,207	96,344	1,916,863	19,197	0.01	0.20
Open ditches, tile drains, and levees	12,044	12,044	.....	12,044	.....	.....	.....
Pumping for all or part of drainage	16,021	(2)	(2)	(2)	(2)	(2)	(2)

[1] Less than ½ cent per acre.
[2] Data for 2 pumping enterprises reporting cost incurred for operation and maintenance have been included in data shown for gravity enterprises providing open ditches and levees.

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	10,121,952	100.0	47,540,385	100.0
Method:				
By district forces	225,154	2.2	871,631	1.8
By contract	5,872,966	58.0	27,632,435	58.1
Work apportioned to landowners	3,184,591	31.5	14,527,347	30.6
"None," or not reporting	839,241	8.3	4,508,972	9.5
Whether systematic:				
Reporting "yes"	4,458,162	44.0	21,553,127	45.3
Reporting "no"	5,633,592	55.7	25,821,766	54.3
Not reporting	30,198	0.3	165,492	0.4

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	10,121,952	28,195	0.3
Capital invested.....dollars..	47,540,385	193,044	0.4
Drainage works:			
Open ditches.....miles....	22,008.1	52.4	0.2
Tile drains.....miles....	10,754.7	70.4	0.6
Levees.....miles....	139.0	6.9	5.0

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	469,589	2,157,780	648.6	144.7	33.2
Work Projects Administration	162,981	903,686	148.1	13.1	9.5
Civilian Conservation Corps	269,517	1,101,556	459.4	130.6	.....
Corps of Engineers, U.S.A.	15,408	72,713	14.9	.....	18.6
W.P.A. and C.C.C.	1,480	14,612	3.7	.....	.....
Other kind or combination	20,203	65,213	22.5	1.0	5.1

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Adams	Allen	Bartholomew	Benton	Blackford	Boone	Carroll
	LAND AREA								
1	Approximate land area.....acres....1940..	23,153,920	220,800	429,440	257,280	261,760	106,880	273,280	221,440
2	Drainage enterprises.....number...1940..	[1]9,271	404	348	25	165	82	264	220
3	Land in enterprises.....acres....1940..	10,121,952	165,895	375,951	24,255	181,304	100,430	218,843	180,280
4	1930..	10,214,014	205,736	349,342	20,413	155,913	98,259	220,176	174,889
5	1920..	9,087,183	212,644	391,540	19,007	103,574	91,731	252,887	153,494
6	Area of all enterprises, overlapping included.....acres....1940..	19,372,525	243,406	1,045,111	34,765	329,429	180,692	493,699	472,415
7	Amount of overlapping.....acres....1940..	9,850,573	77,511	669,160	10,510	147,825	80,262	274,856	292,135
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	9,424,503	157,178	352,680	24,255	179,962	99,180	215,896	164,811
9	1930..	9,303,527	205,728	289,419	19,001	153,290	96,124	202,958	168,133
10	Increase or decrease (-), 1930-1940.....acres.....	120,976	-48,550	63,261	5,254	26,672	3,056	12,938	-3,322
11	percent.....	1.3	-23.6	21.8	27.6	17.4	3.2	6.4	-2.0
12	Land undrained, unfit for any crop.....acres....1940..	182,953	.....	.....	.....	20	.....	314	.....
13	1930..	222,269	.....	4,096	194	562	626	4,134	2,855
14	Increase or decrease (-), 1930-1940.....acres.....	-59,316	.....	-4,096	-194	-542	-626	-3,820	-2,855
15	percent.....	-26.7	.....	-100.0	-100.0	-96.4	-100.0	-92.4	-100.0
16	Land partly drained, for partial crop.....acres....1940..	534,496	8,717	23,271	.....	1,622	1,250	2,633	15,469
17	1930..	688,218	8	55,827	1,218	2,061	1,509	13,084	3,901
18	Increase or decrease (-), 1930-1940.....acres.....	-153,722	8,709	-32,556	-1,218	-439	-259	-10,451	11,568
19	percent.....	-22.3	([2])	-58.3	-100.0	-21.3	-17.2	-79.9	296.5
20	Improved land.....acres....1940..	8,738,887	149,539	277,752	24,255	178,841	90,391	203,956	148,357
21	1930..	9,361,457	205,170	302,553	19,919	153,145	85,798	202,479	168,064
22	1920..	7,605,535	172,400	281,817	14,012	84,313	79,464	[3]220,686	147,037
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	1,000,928	8,551	78,020	.....	2,662	10,012	14,811	23,699
24	1930..	681,869	426	38,557	196	2,228	12,008	16,393	6,570
25	1920..	942,378	32,801	31,169	2,133	9,867	11,283	31,598	16,457
26	Other unimproved land.....acres....1940..	382,137	7,805	20,179	.....	101	27	76	8,224
27	1930..	170,688	140	8,230	298	540	453	1,304	255
28	1920..	539,240	7,443	78,554	2,862	9,394	984	603	.....
29	Land in occupied farms.....acres....1940..	9,703,805	161,307	335,500	24,255	181,604	86,700	215,703	180,063
30	1930..	10,150,221	205,736	349,187	20,283	155,913	98,259	220,136	174,678
31	Increase or decrease (-), 1930-1940.....acres.....	-446,416	-44,429	-13,687	3,972	25,691	-11,559	-4,433	5,385
32	percent.....	-4.4	-21.6	-3.9	19.6	16.5	-11.8	-2.0	3.1
33	Land in planted crops[4].....acres....1940..	7,512,766	104,828	260,013	23,925	163,707	70,273	203,407	137,188
34	1930..	8,454,498	184,268	298,754	18,007	139,908	82,973	200,584	153,646
35	Increase or decrease (-), 1930-1940.....acres.....	-941,732	-79,440	-38,741	5,918	23,799	-12,700	2,823	-16,458
36	percent.....	-11.1	-43.1	-13.0	32.9	17.0	-15.3	1.4	-10.7
37	Land idle.....acres....1940..	1,396,258	41,094	33,715	330	3,181	21,260	13,599	41,187
38	1930..	486,660	- 3	3,127	616	741	2,413	2,292	4,968
39	Increase or decrease (-), 1930-1940.....acres.....	909,598	41,091	30,588	-286	2,440	18,847	11,307	36,219
40	percent.....	186.9	([2])	978.2	-46.4	329.3	781.1	493.3	729.0
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	4,359	.....	.....	.....	.....	.....	10	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-4,359	.....	.....	.....	.....	.....	-10	.....
44	percent.....	-100.0	.....	.....	.....	.....	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	6,608,890	115,785	313,666	21,555	102,795	84,185	81,141	73,676
46	Length of these ditches.....miles.....	17,908.0	428.5	1,498.4	80.9	188.8	198.3	410.5	418.4
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	60,015	.....	1,383	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	117.2	.....	0.1	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	106.9	.....	1.2	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	1,404,959	22,208	34,747	800	59,994	9,023	67,571	83,447
53	Length of these tile.....miles.....	7,576.3	103.1	284.0	7.2	147.2	88.0	271.5	323.7
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	741	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	0.1	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	0.1	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	2,019,282	27,902	26,155	1,900	18,815	7,222	70,131	23,157
60	Length of these open ditches.....miles.....	3,928.3	71.6	77.5	2.0	25.9	20.5	151.6	56.1
61	Length of these tile.....miles.....	3,097.2	45.6	45.3	3.0	32.6	15.2	67.0	42.7
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	12,044	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	29.3	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	18.0	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	8.4	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5].....acres.....	16,021	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	25.3	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	63.1	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	23.6	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 8,893.
[2] Percent not shown when more than 1,000.
[3] Office estimate; the reported figures exceed the acreage in all farms as reported by the Census of Agriculture.
[4] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Cass	Clay	Clinton	Daviess	Decatur	De Kalb	Delaware	Dubois	Elkhart
	LAND AREA									
1	Approximate land area....acres....1940..	265,600	232,960	260,480	277,120	236,800	233,600	256,000	277,120	299,520
2	Drainage enterprises....number...1940..	388	14	123	29	5	216	111	17	361
3	Land in enterprises....acres....1940..	173,983	39,266	213,302	97,774	2,891	211,550	210,725	14,630	207,804
4	1930..	192,346	47,892	210,915	115,140	(1)	220,132	200,272	17,800	200,365
5	1920..	218,421	39,050	87,339	40,276	(1)	215,859	248,896	8,389	280,847
6	Area of all enterprises; overlapping included....acres....1940..	273,875	68,930	533,294	135,596	2,891	625,165	537,461	14,790	242,029
7	Amount of overlapping....acres....1940..	99,892	29,664	319,992	37,822	.....	413,615	346,736	160	34,225
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	140,514	38,168	208,907	97,774	2,571	189,185	204,699	14,514	159,847
9	1930..	188,133	46,186	190,510	110,430	(1)	210,837	199,209	14,503	168,583
10	Increase or decrease (-), 1930-1940....acres....	-47,619	-8,018	18,397	-12,656	.....	-21,652	5,490	11	-8,736
11	percent....	-25.3	-17.4	9.6	-11.5	.....	-10.3	2.8	0.1	-5.2
12	Land undrained, unfit for any crop....acres....1940..	43	1,098	.....	.....	100	6,677	2,003	.....	23,768
13	1930..	67	.....	1,411	4,710	(1)	3,550	774	861	9,274
14	Increase or decrease (-), 1930-1940....acres....	-24	1,098	-1,411	-4,710	.....	3,127	1,229	-861	14,494
15	percent....	-35.8	.....	-100.0	-100.0	.....	88.1	158.8	-100.0	156.3
16	Land partly drained, for partial crop....acres....1940..	33,426	.....	4,395	.....	220	15,688	4,023	116	24,189
17	1930..	4,146	1,706	18,994	.....	(1)	5,745	289	2,436	22,508
18	Increase or decrease (-), 1930-1940....acres....	29,280	-1,706	-14,599	.....	.....	9,943	3,734	-2,320	1,681
19	percent....	706.2	-100.0	-76.9	.....	.....	173.1	(2)	-95.2	7.5
20	Improved land....acres....1940..	139,642	32,531	188,280	92,123	2,891	183,605	189,503	14,460	159,809
21	1930..	182,399	47,247	202,619	106,780	(1)	198,305	182,459	13,619	183,512
22	1920..	196,581	49,497	77,982	40,142	(1)	141,782	[3]196,985	7,823	[3]217,623
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	32,743	5,823	14,743	5,651	.....	17,592	21,222	170	24,217
24	1930..	9,579	455	7,988	7,160	(1)	19,900	17,151	3,270	8,662
25	1920..	21,840	8,623	4,963	134	(1)	18,625	51,615	566	41,676
26	Other unimproved land....acres....1940..	1,598	912	10,279	.....	.....	10,353	.....	.....	23,778
27	1930..	368	190	308	1,200	(1)	1,927	662	911	8,191
28	1920..	.....	930	4,394	.....	(1)	55,452	296	.....	21,548
29	Land in occupied farms....acres....1940..	172,601	39,266	183,602	97,774	2,891	211,510	210,725	14,630	207,804
30	1930..	192,246	47,047	210,721	115,140	(1)	220,132	200,258	17,800	199,745
31	Increase or decrease (-), 1930-1940....acres....	-19,645	-7,781	-27,119	-17,366	.....	-8,622	10,467	-3,170	8,045
32	percent....	-10.2	-16.5	-12.9	-15.1	.....	-3.9	5.2	-17.8	4.0
33	Land in planted crops[4]....acres....1940..	124,740	25,592	159,629	89,922	2,599	162,118	167,768	13,111	159,755
34	1930..	175,818	37,595	191,780	98,440	(1)	187,490	167,185	12,653	167,482
35	Increase or decrease (-), 1930-1940....acres....	-51,078	-12,003	-32,151	-8,518	.....	-25,372	583	458	-7,727
36	percent....	-29.0	-31.9	-16.8	-8.6	.....	-13.5	0.3	3.6	-4.6
37	Land idle....acres....1940..	22,548	13,637	12,134	7,852	292	48,561	32,038	1,388	48,048
38	1930..	101	5,159	451	8,275	(1)	7,805	1,962	3,520	12,051
39	Increase or decrease (-), 1930-1940....acres....	22,447	8,478	11,683	-423	.....	40,756	30,076	-2,132	35,997
40	percent....	(2)	164.3	(2)	-5.1	.....	522.2	(2)	-60.6	298.7
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	1,170	.....	.....	.....	(1)	.....	945	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	-1,170	.....	.....	.....	.....	.....	-945	.....	.....
44	percent....	-100.0	.....	.....	.....	.....	.....	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	78,421	33,665	117,504	82,594	2,292	144,585	109,564	9,839	164,488
46	Length of these ditches....miles....	279.5	41.6	325.6	119.2	5.3	499.8	330.1	23.9	292.1
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	560	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles....	.....	18.7	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles....	.....	5.1	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	43,547	.....	42,010	680	.....	22,179	28,670	.....	31,816
53	Length of these tile....miles....	197.5	.....	369.4	2.8	.....	305.1	170.5	.....	80.8
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	32,015	1,952	53,788	14,500	599	44,786	72,491	.....	11,500
60	Length of these open ditches....miles....	113.1	23.7	114.9	12.6	0.7	110.1	145.9	.....	18.6
61	Length of these tile....miles....	84.1	5.7	102.3	13.9	0.3	95.3	80.5	.....	10.0
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....	4,791	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	16.0	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	0.5	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	0.1	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]....acres....	.....	(6)	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	(6)	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	(6)	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Percent not shown when more than 1,000.
[3] Office estimate; the reported figures exceed the acreage in all farms as reported by the Census of Agriculture.
[4] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.
[6] Included only in State totals.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Fayette	Fountain	Franklin	Fulton	Gibson	Grant	Greene	Hamilton
	LAND AREA								
1	Approximate land area.....acres....1940..	137,600	254,080	252,160	234,880	319,360	269,440	351,360	257,920
2	Drainage enterprises.....number...1940..	9	24	11	91	64	158	28	232
3	Land in enterprises.....acres....1940..	9,248	22,670	7,538	206,428	168,649	235,970	63,569	168,026
4	1930..	7,376	15,860	7,259	136,902	226,315	208,210	61,706	142,439
5	1920..	6,185	11,213	7,180	221,911	140,403	221,636	51,077	128,591
6	Area of all enterprises, overlapping included.....acres....1940..	10,394	23,987	7,538	400,360	261,045	541,191	154,968	258,099
7	Amount of overlapping.....acres....1940..	1,146	1,317	.....	193,932	92,396	305,221	91,399	90,073
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	8,729	22,010	7,538	205,074	166,404	226,582	54,231	167,576
9	1930..	7,336	15,407	7,259	120,304	193,139	203,929	52,638	139,219
10	Increase or decrease (-), 1930-1940.....acres.....	1,393	6,603	279	84,770	-26,735	22,653	1,593	28,357
11	percent.....	19.0	42.8	3.8	70.5	-13.8	11.1	3.0	20.4
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	1,283	665	8	9,338	450
13	1930..	10	.....	.....	3,374	8,753	2,058	2,238	1,376
14	Increase or decrease (-), 1930-1940.....acres.....	-10	.....	.....	-2,091	-8,088	-2,050	7,100	-926
15	percent.....	-100.0	.....	.....	-62.0	-92.4	-99.6	317.2	-67.3
16	Land partly drained, for partial crop.....acres....1940..	519	660	.....	71	1,580	9,380	.....	.....
17	1930..	30	453	.....	13,224	24,423	2,223	6,830	1,844
18	Increase or decrease (-), 1930-1940.....acres.....	489	207	.....	-13,153	-22,843	7,157	-6,830	-1,844
19	percent.....	(1)	45.7	.....	-99.5	-93.5	322.0	-100.0	-100.0
20	Improved land.....acres....1940..	9,248	22,429	7,418	191,560	165,283	200,625	53,725	167,566
21	1930..	7,257	15,710	7,169	123,578	197,709	194,730	58,445	135,885
22	1920..	4,785	8,659	6,466	186,287	182,915	193,747	44,960	124,560
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	.....	241	60	14,765	2,511	35,294	9,844	138
24	1930..	119	150	90	6,877	18,859	10,881	1,785	4,647
25	1920..	990	1,371	569	15,482	3,979	21,643	5,380	4,031
26	Other unimproved land.....acres....1940..	.....	.....	60	103	855	51	.....	322
27	1930..	.....	.....	.....	6,447	9,747	2,599	1,476	1,907
28	1920..	410	1,183	145	20,142	3,509	6,246	737	.....
29	Land in occupied farms.....acres....1940..	9,248	22,524	7,538	201,700	168,649	213,400	63,569	168,026
30	1930..	7,376	15,760	7,259	131,333	226,315	206,667	61,706	142,184
31	Increase or decrease (-), 1930-1940.....acres.....	1,872	6,764	279	70,367	-57,666	6,733	1,863	25,842
32	percent.....	25.4	42.9	3.8	53.6	-25.5	3.2	3.0	18.2
33	Land in planted crops[2].....acres....1940..	8,569	20,265	6,632	161,800	154,397	120,691	43,242	167,566
34	1930..	6,565	14,185	6,476	96,153	158,223	189,910	53,152	122,411
35	Increase or decrease (-), 1930-1940.....acres.....	2,004	6,080	156	65,647	-3,826	-69,219	-9,910	45,155
36	percent.....	30.5	42.9	2.4	68.3	-2.4	-36.4	-18.6	36.9
37	Land idle.....acres....1940..	679	.....	896	3,495	15,252	80,075	20,297	460
38	1930..	.....	.....	.....	13,632	14,834	2,037	2,053	1,070
39	Increase or decrease (-), 1930-1940.....acres.....	679	.....	896	-10,137	418	78,038	18,244	-610
40	percent.....	.....	.....	.....	-74.4	2.8	(1)	888.6	-57.0
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	100	.....	.....	.....	.....	.....	68
43	Increase or decrease (-), 1930-1940.....acres.....	.....	-100	.....	.....	.....	.....	.....	-68
44	percent.....	.....	-100.0	.....	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	4,588	3,506	.....	138,678	165,897	106,222	56,220	76,871
46	Length of these ditches.....miles.....	5.6	9.1	.....	178.1	268.4	402.1	211.0	133.4
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	6,871	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	8.5	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	13.5	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	3,610	7,704	3,029	12,291	830	52,773	200	22,668
53	Length of these tile.....miles.....	8.9	20.3	5.8	184.6	0.8	146.3	0.6	80.0
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,050	10,538	4,509	55,459	1,922	76,975	278	68,487
60	Length of these open ditches.....miles.....	0.2	4.6	1.2	198.9	7.5	174.0	2.4	106.9
61	Length of these tile.....miles.....	1.7	15.0	15.2	152.5	2.0	115.7	0.2	119.7
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	922	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	0.1	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	4.0	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	0.2	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

[2] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Hancock	Hendricks	Henry	Howard	Huntington	Jackson	Jasper	Jay	Jennings
	LAND AREA									
1	Approximate land area.....acres....1940..	195,200	266,880	256,000	187,520	249,600	333,440	359,680	247,040	211,280
2	Drainage enterprises.....number...1940..	180	77	93	178	265	71	163	217	6
3	Land in enterprises.....acres....1940..	128,568	78,897	213,418	157,266	190,816	119,980	326,901	237,110	4,002
4	1930..	115,677	98,650	194,108	132,873	172,331	91,387	368,644	237,194	3,315
5	1920..	141,119	106,094	129,478	154,655	210,132	46,281	126,649	179,712	4,000
6	Area of all enterprises, overlapping included.....acres....1940..	147,511	201,618	397,256	226,726	395,630	158,505	690,728	559,312	4,002
7	Amount of overlapping.....acres....1940..	18,943	122,721	183,838	69,460	204,814	38,525	363,827	322,202	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	128,277	78,887	213,418	152,493	190,667	119,980	326,609	222,773	4,002
9	1930..	117,904	95,034	170,182	132,797	162,944	52,429	255,299	233,852	2,915
10	Increase or decrease (-), 1930-1940.....acres.....	10,373	-16,147	43,236	19,696	27,723	67,551	71,310	-11,079	1,087
11	percent.....	8.8	-17.0	25.4	14.8	17.0	128.8	27.9	-4.7	37.3
12	Land undrained, unfit for any crop.....acres....1940..	130	10	.....	.....	.....	.....	14	.....	.....
13	1930..	719	351	9,803	.....	5,299	8,424	30,120	639	.....
14	Increase or decrease (-), 1930-1940.....acres.....	-589	-341	-9,803	.....	-5,299	-8,424	-30,106	-639	.....
15	percent.....	-81.9	-97.2	-100.0	.....	-100.0	-100.0	-99.9	-100.0	.....
16	Land partly drained, for partial crop.....acres....1940..	161	.....	.....	4,773	149	.....	278	14,337	.....
17	1930..	334	3,265	14,123	76	4,588	30,534	83,225	2,703	400
18	Increase or decrease (-), 1930-1940.....acres.....	-173	-3,265	-14,123	4,697	-4,439	-30,534	-82,947	11,634	-400
19	percent.....	-51.8	-100.0	-100.0	(1)	-96.8	-100.0	-99.7	430.4	-100.0
20	Improved land.....acres....1940..	116,754	69,546	192,102	125,845	159,623	112,884	257,552	201,676	4,002
21	1930..	113,714	95,012	170,146	132,695	150,040	64,638	312,813	222,743	2,885
22	1920..	133,409	91,116	119,326	139,468	137,851	39,332	105,472	161,252	3,080
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	11,779	4,584	21,316	14,081	28,754	6,654	69,335	35,196	.....
24	1930..	5,107	3,556	23,837	178	19,325	21,765	42,405	14,414	430
25	1920..	7,710	14,978	10,152	15,169	51,379	4,637	20,558	13,090	800
26	Other unimproved land.....acres....1940..	35	4,767	.....	17,340	2,139	442	14	238	.....
27	1930..	136	82	125	.....	3,466	4,984	13,396	37	.....
28	1920..	.....	.....	.....	18	20,902	2,312	619	5,370	120
29	Land in occupied farms.....acres....1940..	127,510	73,774	211,443	157,262	190,814	117,971	275,800	220,800	4,002
30	1930..	118,749	98,650	193,908	132,873	172,801	89,171	354,616	236,844	3,315
31	Increase or decrease (-), 1930-1940.....acres.....	8,761	-24,876	17,535	24,389	18,013	28,800	-78,816	-16,044	687
32	percent.....	7.4	-25.2	9.0	18.4	10.4	32.3	-22.2	-6.8	20.7
33	Land in planted crops[2].....acres....1940..	115,616	59,064	156,400	95,305	142,081	100,300	211,800	158,700	3,119
34	1930..	108,173	87,524	160,434	114,805	135,524	35,230	302,155	172,898	2,360
35	Increase or decrease (-), 1930-1940.....acres.....	7,443	-28,460	-4,034	-19,500	6,557	65,070	-90,355	-14,198	759
36	percent.....	6.9	-32.5	-2.5	-17.0	4.8	184.7	-29.9	-8.2	32.2
37	Land idle.....acres....1940..	11,262	15,336	15	60,426	17,046	19,487	89,737	27,342	.....
38	1930..	376	1,782	17,427	168	23,100	17,905	5,198	1,488	825
39	Increase or decrease (-), 1930-1940.....acres.....	10,886	13,554	-17,412	60,258	-6,054	1,582	84,539	25,854	-825
40	percent.....	(1)	760.6	-99.9	(1)	-26.2	8.8	(1)	(1)	-100.0
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	925	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-925	.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	-100.0	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	26,848	32,505	117,180	58,286	60,556	119,495	298,889	191,865	3,994
46	Length of these ditches.....miles.....	66.4	168.1	161.8	152.5	308.0	251.0	459.7	323.4	10.2
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	25,647	9,357	20,089	25,117	53,212	.....	13,272	23,495	.....
53	Length of these tile.....miles.....	105.5	46.1	100.3	106.8	213.3	.....	176.7	154.4	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	76,073	37,035	76,149	73,863	77,048	485	14,740	21,750	8
60	Length of these open ditches.....miles.....	129.4	73.8	149.7	102.0	160.6	1.9	51.1	60.6	0.1
61	Length of these tile.....miles.....	82.3	34.6	189.0	114.2	110.2	1.1	32.8	43.7	0.2
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

[2] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Johnson	Knox	Kosciusko	Lagrange	Lake	La Porte	Madison	Marion
	LAND AREA									
1	Approximate land area	acres 1940	201,600	330,880	344,320	242,560	328,960	389,120	289,920	257,280
2	Drainage enterprises	number 1940	84	46	200	113	42	59	190	88
3	Land in enterprises	acres 1940	65,085	158,847	319,659	157,082	167,019	182,119	215,788	45,046
4		1930	82,746	186,120	314,790	133,104	144,373	241,000	207,392	34,909
5		1920	33,544	112,496	308,708	192,212	112,008	180,843	226,660	40,309
6	Area of all enterprises, overlapping included	acres 1940	79,975	176,491	690,904	270,102	296,635	272,151	561,212	66,107
7	Amount of overlapping	acres 1940	14,890	17,644	371,235	113,020	129,016	90,032	345,424	21,061
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	65,085	158,847	259,071	144,550	137,270	178,140	205,408	45,046
9		1930	82,746	186,120	308,924	118,400	137,904	195,323	206,100	34,758
10	Increase or decrease (-), 1930-1940	acres	-17,661	-27,273	-49,853	26,150	-634	-17,183	-692	10,288
11		percent	-21.3	-14.6	-16.1	22.1	-0.4	-8.8	-0.3	29.6
12	Land undrained, unfit for any crop	acres 1940	.....	.....	29,914	411	21,823	1,387	1,545	.....
13		1930	.....	.....	3,509	3,220	609	18,792	731	.....
14	Increase or decrease (-), 1930-1940	acres	.....	.....	26,405	-2,809	21,214	-17,405	814	.....
15		percent	.....	.....	752.5	-87.2	(1)	-92.6	111.4	.....
16	Land partly drained, for partial crop	acres 1940	.....	.....	30,684	12,121	8,526	2,592	8,835	.....
17		1930	.....	.....	2,357	11,484	5,860	26,885	561	151
18	Increase or decrease (-), 1930-1940	acres	.....	.....	28,327	637	2,666	-24,293	8,274	-151
19		percent	.....	.....	(1)	5.5	45.5	-90.4	(1)	-100.0
20	Improved land	acres 1940	64,829	158,647	257,853	130,304	147,726	159,029	184,977	44,681
21		1930	82,254	186,120	298,994	131,702	143,469	219,508	196,103	34,062
22		1920	31,709	95,299	[2] 229,035	141,370	82,614	162,759	210,573	39,439
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	256	150	31,593	12,376	7,471	21,638	819	365
24		1930	202	.....	12,371	960	219	17,288	11,187	847
25		1920	1,835	7,500	47,687	27,991	867	4,192	16,087	870
26	Other unimproved land	acres 1940	.....	50	30,223	14,402	12,422	1,452	29,992	.....
27		1930	290	.....	3,425	442	685	4,204	102	.....
28		1920	.....	9,697	31,986	22,851	28,527	13,892	.....	.....
29	Land in occupied farms	acres 1940	65,085	158,847	298,500	149,098	166,809	181,360	215,188	45,026
30		1930	82,746	186,120	314,790	133,097	144,373	236,580	207,392	34,909
31	Increase or decrease (-), 1930-1940	acres	-17,661	-27,273	-16,290	16,001	22,436	-55,220	7,796	10,117
32		percent	-21.3	-14.6	-5.2	12.0	15.5	-23.3	3.8	29.0
33	Land in planted crops[3]	acres 1940	63,710	144,447	232,500	113,470	144,484	156,493	180,600	35,600
34		1930	73,895	171,540	273,768	119,144	130,722	195,547	160,737	31,398
35	Increase or decrease (-), 1930-1940	acres	-10,185	-27,093	-41,268	-5,674	13,762	-39,054	19,863	4,202
36		percent	-13.8	-15.8	-15.1	-4.8	10.5	-20.0	12.4	13.4
37	Land idle	acres 1940	725	14,200	61,692	29,089	19,213	7,725	967	265
38		1930	625	.....	20,852	605	2,613	28,211	1,322	1,221
39	Increase or decrease (-), 1930-1940	acres	100	14,200	40,840	28,484	16,600	-20,486	-355	-956
40		percent	16.0	.....	195.8	(1)	635.3	-72.6	-26.8	-78.3
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	.....	.....	.....	.....	.....
44		percent	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	39,467	132,740	144,123	124,360	121,349	174,473	89,325	30,998
46	Length of these ditches	miles	109.4	343.1	245.4	245.0	197.3	369.0	407.9	129.4
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	18,992	.....	.....	5,000	.....	.....	2,130
49	Length of these ditches	miles	.....	18.5	.....	.....	7.0	.....	.....	8.1
50	Length of these levees	miles	.....	17.4	.....	.....	7.0	.....	.....	10.8
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	18,644	1,790	56,585	12,696	8,037	2,618	28,967	3,258
53	Length of these tile	miles	46.3	10.5	251.9	109.9	19.9	7.9	220.1	10.8
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	6,974	5,325	118,961	20,026	33,233	5,028	97,496	8,660
60	Length of these open ditches	miles	11.8	21.8	202.0	24.9	40.7	5.3	104.2	11.0
61	Length of these tile	miles	10.4	6.7	163.1	24.6	21.6	3.1	126.7	9.8
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.
[2] Office estimate; the reported figures exceed the acreage in all farms as reported by the Census of Agriculture.
[3] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Marshall	Miami	Montgomery	Morgan	Newton	Noble	Owen	Parke	Pike
	LAND AREA									
1	Approximate land area....acres....1940..	284,160	243,200	324,480	259,840	264,320	262,400	250,240	288,640	214,400
2	Drainage enterprises....number...1940..	382	192	146	18	114	135	5	9	10
3	Land in enterprises....acres....1940..	237,335	144,298	99,387	33,762	229,682	186,240	4,374	12,022	89,394
4	1930..	264,204	140,043	117,566	48,002	233,219	158,091	5,183	8,280	138,469
5	1920..	256,037	201,728	77,573	29,147	172,687	198,866	6,540	12,399	32,152
6	Area of all enterprises, overlapping included....acres....1940..	305,077	306,168	155,074	48,967	460,737	468,048	6,649	19,003	110,805
7	Amount of overlapping....acres....1940..	67,742	161,870	55,687	15,205	240,055	281,799	2,275	6,981	21,411
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	229,531	110,979	99,307	20,563	143,554	170,483	4,374	11,035	87,551
9	1930..	248,312	137,623	116,014	45,729	138,715	149,173	5,043	8,080	138,469
10	Increase or decrease (-), 1930-1940....acres....	-18,781	-26,644	-16,707	-25,166	4,839	21,310	-669	2,955	-50,918
11	percent....	-7.6	-19.4	-14.4	-55.0	3.5	14.3	-13.3	36.6	-36.8
12	Land undrained, unfit for any crop....acres....1940..	2,116	4,961	80	50	5,270	10,622	.....	500	1,803
13	1930..	2,162	123	161	1,390	13,057	4,776	95	50	.....
14	Increase or decrease (-), 1930-1940....acres....	-46	4,838	-81	-1,340	-7,787	5,846	-95	450	1,803
15	percent....	-2.1	(1)	-50.3	-96.4	-59.6	122.1	-100.0	900.0	.....
16	Land partly drained, for partial crop....acres....1940..	5,688	28,358	.....	13,149	80,858	5,144	.....	487	40
17	1930..	13,730	2,297	1,391	883	81,438	4,142	45	150	.....
18	Increase or decrease (-), 1930-1940....acres....	-8,042	26,061	-1,391	12,266	-580	1,002	-45	337	40
19	percent....	-58.6	(1)	-100.0	(1)	-0.7	24.2	-100.0	224.7	.....
20	Improved land....acres....1940..	210,071	104,152	90,387	23,470	186,769	144,726	4,374	10,406	75,889
21	1930..	249,331	119,360	116,307	44,884	211,363	134,695	3,810	8,230	124,339
22	1920..	[2]200,796	182,089	59,491	24,773	146,033	151,554	5,532	10,539	31,298
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	24,898	20,090	8,785	10,222	19,632	18,100	.....	1,169	3,393
24	1930..	12,338	20,683	719	1,412	14,828	14,057	1,116	.....	5,392
25	1920..	36,779	19,532	8,230	2,921	13,118	23,759	882	1,860	854
26	Other unimproved land....acres....1940..	2,366	20,056	215	70	23,281	23,423	.....	447	10,112
27	1930..	2,535	.....	540	1,706	7,019	9,339	257	50	8,738
28	1920..	18,471	107	9,852	1,453	13,536	23,553	126	.....	.....
29	Land in occupied farms....acres....1940..	234,808	144,298	99,387	33,762	203,700	181,691	4,374	12,022	85,500
30	1930..	264,201	140,043	117,293	47,905	217,831	158,051	5,183	8,280	138,469
31	Increase or decrease (-), 1930-1940....acres....	-29,393	4,255	-17,906	-14,143	-14,131	23,640	-809	3,742	-52,969
32	percent....	-11.1	3.0	-15.2	-29.5	-6.5	15.0	-15.6	45.2	-38.2
33	Land in planted crops[3]....acres....1940..	166,700	69,117	90,236	23,130	125,900	122,713	3,850	10,227	65,800
34	1930..	215,759	97,229	105,202	33,967	202,225	128,614	2,910	7,120	117,545
35	Increase or decrease (-), 1930-1940....acres....	-49,059	-28,112	-14,966	-10,847	-76,325	-5,901	940	3,107	-51,745
36	percent....	-22.7	-28.9	-14.2	-31.9	-37.7	-4.6	32.3	43.6	-44.0
37	Land idle....acres....1940..	10,872	2,841	9,054	10,072	87,331	27,439	524	1,795	19,442
38	1930..	5,505	22,476	426	6,627	16,453	2,047	1,068	748	11,839
39	Increase or decrease (-), 1930-1940....acres....	5,367	-19,635	8,628	3,445	70,878	25,392	-544	1,047	7,603
40	percent....	97.5	-87.4	(1)	52.0	430.8	(1)	-50.9	140.0	64.2
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	151,640	96,552	28,914	31,052	212,617	104,033	4,374	3,962	88,213
46	Length of these ditches....miles....	359.8	405.3	83.7	71.9	365.9	289.9	12.3	10.6	57.6
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	7,100	496
49	Length of these ditches....miles....	.....	.....	.....	.....	.....	.....	.....	19.9	0.3
50	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	20.3	0.3
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	49,463	46,779	38,533	240	14,905	12,092	.....	.....	.....
53	Length of these tile....miles....	185.8	182.6	126.5	1.0	113.5	329.9	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	36,232	967	31,940	2,470	2,160	70,124	.....	.....	685
60	Length of these open ditches....miles....	56.2	7.1	65.0	5.4	12.4	139.8	.....	.....	3.2
61	Length of these tile....miles....	34.9	4.5	51.4	1.4	11.8	90.4	.....	.....	0.2
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....	960	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	1.2	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	0.3	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	1.5	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.
[2] Office estimate; the reported figures exceed the acreage in all farms as reported by the Census of Agriculture.
[3] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Porter	Posey	Pulaski	Putnam	Randolph	Rush	St. Joseph	Scott
	LAND AREA								
1	Approximate land area.....acres....1940..	272,000	264,960	277,120	313,600	292,480	261,760	298,880	123,520
2	Drainage enterprises.....number...1940..	48	53	199	9	155	181	47	6
3	Land in enterprises.....acres....1940..	156,638	161,800	262,882	10,342	207,947	105,383	199,293	16,847
4	1930..	148,880	176,605	228,333	11,236	187,725	103,074	224,034	15,677
5	1920..	149,323	146,970	135,754	5,225	59,618	101,373	198,571	11,895
6	Area of all enterprises, overlapping included.....acres....1940..	383,017	179,814	549,815	13,662	372,466	140,532	455,238	16,847
7	Amount of overlapping.....acres....1940..	216,379	18,014	286,933	3,320	164,519	35,149	255,945	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	150,745	161,800	231,093	9,161	207,947	99,097	198,938	16,822
9	1930..	134,509	150,392	212,405	9,956	187,162	95,132	183,087	12,336
10	Increase or decrease (-), 1930-1940.....acres.....	16,236	11,408	18,688	-795	20,785	3,965	15,851	4,486
11	percent.....	12.1	7.6	8.8	-8.0	11.1	4.2	8.6	36.4
12	Land undrained, unfit for any crop.....acres....1940..	2,472	.....	3,153	438	.....	628	47	25
13	1930..	5,300	6,598	662	48	160	2,167	12,867	1,279
14	Increase or decrease (-), 1930-1940.....acres.....	-2,828	-6,598	2,491	390	-160	-1,539	-12,820	-1,254
15	percent.....	-53.4	-100.0	376.3	812.5	-100.0	-71.0	-99.6	-98.0
16	Land partly drained, for partial crop.....acres....1940..	13,421	.....	28,636	743	.....	5,658	308	.....
17	1930..	9,071	19,615	15,266	1,232	403	5,775	28,080	2,062
18	Increase or decrease (-), 1930-1940.....acres.....	4,350	-19,615	13,370	-489	-403	-117	-27,772	-2,062
19	percent.....	48.0	-100.0	87.6	-39.7	-100.0	-2.0	-98.9	-100.0
20	Improved land.....acres....1940..	158,466	155,869	179,396	9,897	169,951	97,769	178,280	16,807
21	1930..	133,802	159,289	209,105	10,756	176,673	96,229	196,611	9,895
22	1920..	121,331	145,117	121,510	4,198	53,659	87,969	170,763	10,707
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	7,311	5,931	65,584	445	37,996	7,045	18,766	40
24	1930..	12,032	10,929	15,914	480	10,954	6,599	13,478	5,516
25	1920..	25,584	1,711	11,313	1,027	3,625	13,404	11,912	594
26	Other unimproved land.....acres....1940..	861	.....	17,902	.....	.....	569	2,247	.....
27	1930..	3,046	6,387	3,314	.....	98	246	13,945	266
28	1920..	2,408	142	2,931	.....	2,333	.....	15,896	594
29	Land in occupied farms.....acres....1940..	165,746	161,800	233,400	10,342	207,899	98,263	199,122	16,847
30	1930..	147,304	176,315	228,113	11,236	187,725	103,057	222,747	15,677
31	Increase or decrease (-), 1930-1940.....acres.....	18,442	-14,515	5,287	-894	20,174	-4,794	-23,625	1,170
32	percent.....	12.5	-8.2	2.3	-8.0	10.7	-4.6	-10.6	7.5
33	Land in planted crops[1].....acres....1940..	113,672	154,082	147,300	8,416	118,992	89,000	177,759	10,421
34	1930..	113,572	128,910	207,239	9,150	144,461	94,503	176,224	8,100
35	Increase or decrease (-), 1930-1940.....acres.....	100	25,172	-59,939	-734	-25,469	-5,503	1,535	2,321
36	percent.....	0.1	19.5	-28.9	-8.0	-17.6	-5.8	0.9	28.6
37	Land idle.....acres....1940..	48,349	7,718	16,386	909	884	382	19,337	6,426
38	1930..	17,025	5,885	11,829	1,000	279	1,852	27,997	6,521
39	Increase or decrease (-), 1930-1940.....acres.....	31,324	1,833	4,557	-91	605	-1,470	-8,660	-95
40	percent.....	184.0	31.1	38.5	-9.1	216.8	-79.4	-30.9	-1.4
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	434	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	-434	.....
44	percent.....	.....	.....	.....	.....	.....	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	117,448	160,980	205,637	3,540	86,953	48,500	187,544	16,847
46	Length of these ditches.....miles.....	273.8	213.0	607.6	4.9	184.5	165.7	422.2	38.3
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	7,060	.....	25,796	3,256	27,440	40,887	920	.....
53	Length of these tile.....miles.....	85.6	.....	149.1	8.5	153.1	140.8	50.0	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	741	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	0.1	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	0.1	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	42,130	820	31,449	3,546	90,523	15,996	10,829	.....
60	Length of these open ditches.....miles.....	72.4	1.8	89.4	6.8	119.4	29.5	38.0	.....
61	Length of these tile.....miles.....	23.3	0.2	33.6	1.8	229.4	41.6	21.5	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	2,290	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	10.1	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	8.3	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	0.3	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Shelby	Spencer	Starke	Steuben	Sullivan	Tippecanoe	Tipton	Union	Vanderburg
	LAND AREA										
1	Approximate land area	acres....1940..	261,760	253,440	199,040	198,400	292,480	320,640	167,040	107,520	151,240
2	Drainage enterprises	number...1940..	143	78	166	409	19	137	74	12	45
3	Land in enterprises	acres....1940..	86,145	64,994	184,280	150,541	39,726	121,861	162,984	4,557	57,443
4		1930..	84,863	68,209	193,767	133,635	44,663	112,047	162,700	8,459	67,735
5		1920..	80,508	88,143	181,208	133,743	22,958	91,795	155,109	4,640	53,014
6	Area of all enterprises, overlapping included	acres....1940..	86,579	74,037	259,038	354,919	78,143	176,720	487,905	4,597	61,644
7	Amount of overlapping	acres....1940..	434	9,043	74,758	204,378	38,417	54,859	324,921	40	4,201
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres....1940..	86,053	42,242	175,317	135,487	39,395	121,661	154,965	4,464	53,634
9		1930..	72,982	39,702	166,583	129,709	38,236	100,836	162,571	7,547	55,836
10	Increase or decrease (-), 1930-1940	acres.....	13,071	2,540	8,734	5,778	1,159	20,825	-7,606	-3,083	-2,002
11		percent.....	17.9	6.4	5.2	4.4	3.0	20.6	-4.7	-40.8	-3.6
12	Land undrained, unfit for any crop	acres....1940..	.....	9,753	3,120	.....	331	200	.....	3	2,800
13		1930..	4,295	6,483	2,758	1,898	300	1,404	109	7	2,681
14	Increase or decrease (-), 1930-1940	acres.....	-4,295	3,270	362	-1,898	31	-1,204	-109	-4	119
15		percent.....	-100.0	50.4	13.1	-100.0	10.3	-85.8	-100.0	-57.1	4.4
16	Land partly drained, for partial crop	acres....1940..	92	12,999	5,843	15,054	.....	.....	8,019	90	1,009
17		1930..	7,586	22,024	24,426	2,028	6,127	9,807	20	905	9,418
18	Increase or decrease (-), 1930-1940	acres.....	-7,494	-9,025	-18,583	13,026	-6,127	-9,807	7,999	-815	-8,409
19		percent.....	-98.8	-41.0	-76.1	642.3	-100.0	-100.0	(1)	-90.0	-89.3
20	Improved land	acres....1940..	78,702	58,499	155,447	91,772	36,672	120,855	146,476	4,440	52,306
21		1930..	80,323	53,281	158,389	120,353	38,568	106,776	153,774	8,157	57,792
22		1920..	75,636	85,109	[2] 119,310	86,495	21,091	78,522	140,851	3,748	48,680
	Unimproved land:										
23	Woodland and cut-over land	acres....1940..	6,762	3,238	25,006	43,723	2,879	691	8,333	117	2,600
24		1930..	4,540	8,779	30,617	9,377	3,968	5,146	8,776	202	6,285
25		1920..	4,872	3,034	53,252	15,106	1,867	8,098	14,227	562	3,779
26	Other unimproved land	acres....1940..	681	3,257	3,827	15,046	175	315	8,175	.....	2,537
27		1930..	.....	6,149	4,761	3,905	2,127	125	150	100	3,658
28		1920..	.....	.....	8,646	32,142	.....	5,175	31	330	555
29	Land in occupied farms	acres....1940..	78,823	58,499	152,200	127,962	39,726	121,861	151,300	4,545	47,943
30		1930..	84,483	67,040	186,012	133,628	44,863	112,047	162,569	8,459	64,633
31	Increase or decrease (-), 1930-1940	acres.....	-5,660	-8,541	-33,812	-5,666	-5,137	9,814	-11,269	-3,914	-16,690
32		percent.....	-6.7	-12.7	-18.2	-4.2	-11.4	8.8	-6.9	-46.3	-25.8
33	Land in planted crops[3]	acres....1940..	63,191	42,242	109,000	62,567	34,918	118,197	104,754	4,207	38,297
34		1930..	75,492	51,259	125,619	118,414	32,162	100,479	144,475	6,856	42,522
35	Increase or decrease (-), 1930-1940	acres.....	-12,301	-9,017	-16,619	-55,847	2,756	17,718	-39,721	-2,649	-4,225
36		percent.....	-16.3	-17.6	-13.2	-47.2	8.6	17.6	-27.5	-38.6	-9.9
37	Land idle	acres....1940..	15,465	22,752	17,701	30,101	4,714	3,298	41,757	135	155
38		1930..	2,475	5,746	61,867	3,404	2,866	2,887	7,709	.....	6,413
39	Increase or decrease (-), 1930-1940	acres.....	12,990	17,006	-44,166	26,697	1,848	411	34,048	135	-6,258
40		percent.....	524.8	296.0	-71.4	784.3	64.5	14.2	441.7	.....	-97.6
41	Land available for settlement	acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42		1930..	.....	.....	140	.....	.....	.....	.....	.....	567
43	Increase or decrease (-), 1930-1940	acres.....	.....	.....	-140	.....	.....	.....	.....	.....	-567
44		percent.....	.....	.....	-100.0	.....	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres.....	53,582	60,188	176,744	109,313	22,440	14,375	72,653	.....	56,011
46	Length of these ditches	miles.....	179.0	176.5	550.1	347.7	61.0	42.3	390.4	.....	95.8
47	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres.....	.....	.....	.....	.....	2,176	.....	.....	.....	.....
49	Length of these ditches	miles.....	.....	.....	.....	.....	9.5	.....	.....	.....	.....
50	Length of these levees	miles.....	.....	.....	.....	.....	9.3	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres.....	22,994	1,126	2,795	30,408	414	43,061	5,385	3,026	.....
53	Length of these tile	miles.....	52.7	5.0	11.9	154.8	1.1	188.2	186.8	11.4	.....
54	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres.....	9,569	3,680	4,741	10,820	1,675	64,425	84,946	1,531	1,432
60	Length of these open ditches	miles.....	21.7	10.2	10.1	13.9	4.7	89.7	143.1	0.9	4.5
61	Length of these tile	miles.....	10.6	5.5	1.8	13.9	12.6	181.2	39.5	8.1	2.0
62	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres.....	.....	.....	.....	.....	706	.....	.....	.....	.....
64	Length of these open ditches	miles.....	.....	.....	.....	.....	1.3	.....	.....	.....	.....
65	Length of these tile	miles.....	.....	.....	.....	.....	1.0	.....	.....	.....	.....
66	Length of these levees	miles.....	.....	.....	.....	.....	0.4	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres.....	.....	.....	.....	.....	(5)	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles.....	.....	.....	.....	.....	(5)	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles.....	.....	.....	.....	.....	(5)	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles.....	.....	.....	.....	.....	(5)	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.
[2] Office estimate; the reported figures exceed the acreage in all farms as reported by the Census of Agriculture.
[3] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.
[5] Included only in State totals.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Vermillion	Vigo	Wabash	Warren	Warrick	Washington	Wayne	Wells	White	Whitley	Other counties[1]
	LAND AREA											
1	Approximate land area.....acres....1940..	168,320	265,600	269,110	235,520	250,210	330,240	259,200	235,520	318,080	215,040	608,000
2	Drainage enterprises.....number...1940..	5	14	153	57	78	5	20	194	270	122	5
3	Land in enterprises.....acres....1940..	5,397	29,583	130,964	51,141	111,320	12,195	20,301	203,966	218,282	197,012	2,131
4	1930..	9,120	42,196	160,530	52,819	114,322	11,420	12,386	211,415	308,483	200,971	7,612
5	1920..	6,548	50,835	150,986	48,174	95,501	11,121	9,065	166,377	239,020	172,685	3,945
6	Area of all enterprises, overlapping included.....acres....1940..	7,658	61,827	212,648	54,786	136,836	11,387	23,270	725,146	436,504	606,636	2,131
7	Amount of overlapping.....acres....1940..	2,261	32,244	81,884	3,645	25,516	2,192	2,969	521,180	188,222	409,624	.....
	CONDITION AND USE OF LAND											
8	Land with drainage sufficient for normal crop.....acres....1940..	5,397	29,143	118,040	51,141	95,028	12,195	20,017	202,617	191,025	193,017	1,877
9	1930..	9,100	40,237	143,077	51,189	98,769	5,500	10,935	207,481	308,453	180,240	6,701
10	Increase or decrease (-), 1930-1940.....acres.....	-3,703	-11,094	-25,037	-48	-3,741	6,695	9,082	-4,864	-117,428	12,777	-4,824
11	percent.....	-40.7	-27.6	-17.5	-0.1	-3.8	121.7	83.0	-2.3	-38.1	7.1	-72.0
12	Land undrained, unfit for any crop.....acres....1940..	.....	440	318	.....	353	.....	.....	.....	12,382	72	15
13	1930..	.....	625	1,388	48	1,711	3,920	119	1,327	.....	5,851	311
14	Increase or decrease (-), 1930-1940.....acres.....	.....	-185	-4,070	-48	-1,358	-3,920	-119	-1,327	12,382	-5,779	-296
15	percent.....	.....	-29.6	-92.8	-100.0	-79.4	-100.0	-100.0	-100.0	.....	-98.8	-95.2
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	12,606	.....	15,939	.....	284	1,349	44,875	3,923	239
17	1930..	20	1,334	13,065	1,582	13,842	2,000	1,332	2,607	30	14,880	600
18	Increase or decrease (-), 1930-1940.....acres.....	-20	-1,334	-459	-1,582	2,097	-2,000	-1,048	-1,258	44,845	-10,957	-361
19	percent.....	-100.0	-100.0	-3.5	-100.0	15.1	-100.0	-78.7	-48.2	(2)	-73.6	-60.2
20	Improved land.....acres....1940..	4,909	26,947	98,761	43,541	110,426	10,316	17,993	196,560	213,859	169,777	2,131
21	1930..	9,120	41,972	145,393	50,475	107,575	5,500	11,364	194,917	278,671	175,845	7,052
22	1920..	5,292	48,019	115,590	35,927	81,860	10,009	7,705	139,130	222,196	145,687	3,422
	Unimproved land:											
23	Woodland and cut-over land.....acres....1940..	488	1,379	14,640	7,600	549	1,879	2,249	7,346	11,502	21,404	.....
24	1930..	.....	124	14,981	1,312	4,952	2,000	1,022	15,997	29,708	19,345	249
25	1920..	1,256	2,816	14,609	4,932	2,246	556	453	26,786	14,938	9,175	420
26	Other unimproved land.....acres....1940..	.....	1,257	17,563	.....	345	.....	59	60	22,921	5,831	.....
27	1930..	.....	100	156	1,032	1,795	3,920	.....	501	104	5,781	311
28	1920..	.....	.....	20,687	7,315	1,395	556	907	461	586	17,823	103
29	Land in occupied farms.....acres....1940..	5,397	29,583	113,080	51,141	111,006	12,195	20,179	203,966	248,147	191,282	2,131
30	1930..	9,120	42,196	160,530	52,819	114,262	11,420	12,386	210,443	308,483	200,971	7,612
31	Increase or decrease (-), 1930-1940.....acres.....	-3,723	-12,613	-47,450	-1,678	-3,256	775	7,793	-6,477	-60,336	-9,689	-5,481
32	percent.....	-40.8	-29.9	-29.6	-3.2	-2.8	6.8	62.9	-3.1	-19.6	-4.8	-72.0
33	Land in planted crops[3].....acres....1940..	4,575	25,304	78,024	43,276	93,840	10,316	15,550	157,900	204,631	137,413	1,833
34	1930..	8,300	31,241	144,189	45,727	86,532	3,500	6,910	158,056	271,029	162,973	6,521
35	Increase or decrease (-), 1930-1940.....acres.....	-3,725	-5,937	-66,165	-2,451	7,308	6,816	8,640	-156	-66,398	-25,560	-4,688
36	percent.....	-44.9	-19.0	-45.9	-5.4	8.4	194.7	125.0	-0.1	-24.5	-15.7	-71.9
37	Land idle.....acres....1940..	722	3,974	24,363	7,600	16,524	1,879	4,442	129	40,502	53,559	180
38	1930..	.....	7,010	375	780	13,316	7,700	.....	11,593	230	1,573	311
39	Increase or decrease (-), 1930-1940.....acres.....	722	-3,036	23,988	6,820	-3,208	-5,821	4,442	-11,464	40,272	51,986	-131
40	percent.....	.....	-43.3	(2)	874.4	-24.1	-75.6	.....	-98.9	(2)	(2)	-42.1
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940											
45	Land drained by open ditches only.....acres.....	1,576	10,744	85,141	20,474	111,320	12,195	10,457	123,635	152,455	110,460	2,131
46	Length of these ditches.....miles.....	3.1	47.6	184.9	34.8	187.6	16.3	31.3	794.6	674.3	218.0	9.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	15,307	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	26.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	22.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	31,341	19,104	.....	.....	921	41,864	58,844	23,724	.....
53	Length of these tile.....miles.....	.....	.....	127.1	47.1	.....	.....	2.5	316.0	255.0	311.8	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	3,821	510	14,482	11,563	.....	.....	8,923	38,467	36,983	62,828	.....
60	Length of these open ditches.....miles.....	10.8	3.1	9.9	11.7	.....	.....	9.5	19.0	134.2	163.5	.....
61	Length of these tile.....miles.....	3.4	0.8	15.8	10.6	.....	.....	10.0	40.0	63.2	92.6	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	2,375	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	3.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	5.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4].....acres.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Harrison, Ohio, and Perry Counties in 1940; Decatur, Harrison, Martin, Monroe, Ohio, and Perry Counties in 1930; and Decatur, Martin, Monroe, Ohio, and Perry Counties in 1920.

[2] Percent not shown when more than 1,000.

[3] It seems evident that in some counties the reported acreage planted corresponds to land available for crops rather than to land used for crops as reported by the Census of Agriculture.

[4] Data in lines 68 to 72 are not included in lines 45 to 67.

[5] Included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Adams	Allen	Bartholomew	Benton	Blackford	Boone	Carroll	Cass
	DRAINAGE WORKS											
1	Drainage enterprises	number	1940	[1]9,271	404	348	25	165	82	264	220	388
	Open ditches:											
2	Completed	miles	1940	22,008.1	500.1	1,576.0	82.9	214.7	218.8	562.1	474.5	392.6
3			1930	20,735.3	542.7	1,061.3	56.1	121.8	200.2	457.3	391.4	485.4
4			1920	17,470.7	761.3	1,045.2	64.8	89.0	212.2	368.5	258.1	532.9
5	Additional length authorized	miles	1940	10.9	.....	.....	2.7	.....	.....	0.5	.....	.....
	Tile drains:											
6	Completed	miles	1940	10,754.7	148.7	329.3	10.2	179.8	103.2	338.5	366.4	281.6
7			1930	10,438.7	325.0	371.2	9.9	135.9	97.1	172.6	310.1	272.3
8			1920	8,227.6	242.2	264.8	15.3	94.6	102.6	245.7	262.2	258.4
9	Additional length authorized	miles	1940	13.6	.....	.....	.....	.....	.....	9.7	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	139.0	.....	1.2	.....	.....	.....	.....	.....	.....
11			1930	131.9	.....	.....	.....	.....	.....	.....	.....	.....
12			1920	165.8	.....	.....	2.5	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	515	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	166	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	625	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	47,333	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	48,000	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	55,348	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	5,412	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	2,763	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	5,611	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	47,540,385	431,050	2,102,766	62,965	1,377,113	452,718	1,112,174	962,486	1,015,666
26			1930	54,110,854	1,073,602	2,461,352	47,801	807,096	627,882	757,088	962,009	1,044,571
27			1920	31,147,682	943,698	1,306,669	72,042	308,431	461,828	482,953	530,336	960,800
28	Estimated cost when completed	dollars	1940	47,581,041	431,050	2,102,766	71,965	1,377,113	452,718	1,135,556	962,486	1,015,666
29			1930	54,203,346	1,073,602	2,461,352	47,801	807,096	627,882	757,088	983,756	1,044,571
30			1920	31,943,858	943,698	1,324,245	72,042	308,431	465,578	482,953	543,424	960,800
31	Average cost per acre when completed	dollars	1940	4.70	2.60	5.59	2.97	7.58	4.51	5.19	5.34	5.84
32			1930	5.31	5.22	7.05	2.34	5.18	6.39	3.44	5.63	5.43
33			1920	3.52	4.44	3.38	3.79	2.98	5.08	1.91	3.32	4.40
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		24,742,312	267,135	1,456,571	63,221	705,626	264,208	427,101	354,006	391,398
35	Average amount per acre	dollars		3.74	2.31	4.64	2.93	6.86	3.14	5.26	4.80	4.99
36	Enterprises having open ditches and levees	dollars		826,967	.....	4,268	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		13.78	.....	3.09	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		11,485,767	94,013	470,431	7,809	475,646	153,671	373,217	493,115	303,020
39	Average amount per acre	dollars		8.18	4.23	13.54	9.76	7.93	17.03	5.52	5.91	6.96
40	Enterprises having tile and levees	dollars		581	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		0.78	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		10,219,199	69,902	171,496	935	195,841	34,839	335,238	115,365	321,248
43	Average amount per acre	dollars		5.06	2.50	6.56	0.49	10.41	4.82	4.78	4.98	6.18
44	Enterprises having ditches, tile, and levees	dollars		109,443	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		9.09	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[2]	dollars		196,772	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		12.28	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		[3]	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		2	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		[3]	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		[3]	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		[3]45,638	.....	.....	.....	.....	.....	3,336	.....	450
53	Enterprises reporting	number		232	.....	.....	.....	.....	.....	90	.....	3
54	Land in these enterprises	acres		[3]173,999	.....	.....	.....	.....	.....	45,393	.....	1,500
55	Average cost per acre	dollars		[3]0.26	.....	.....	.....	.....	.....	0.07	.....	0.30
	Federal aid in maintenance:											
56	Enterprises reporting	number		341	.....	.....	.....	.....	.....	.....	7	.....
57	Land in these enterprises	acres		469,589	.....	.....	.....	.....	.....	.....	4,252	.....
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		133,363	.....	.....	.....	.....	.....	3,820	.....	[4]
59	Enterprises reporting	number		176	.....	.....	.....	.....	.....	15	.....	1
60	Land in these enterprises	acres		369,036	.....	.....	.....	.....	.....	30,357	.....	[4]
61	Average amount collected per acre	dollars		0.36	.....	.....	.....	.....	.....	0.12	.....	[4]
62	Area delinquent in drainage taxes, Dec. 31, 1939[5]	acres		62,207	.....	.....	.....	5,140	.....	.....	.....	.....
63	Enterprises reporting	number		115	.....	.....	.....	8	.....	.....	.....	.....
64	Land in these enterprises	acres		318,300	.....	.....	.....	15,300	.....	.....	.....	.....
65	Portion delinquent in these enterprises	percent		19.5	.....	.....	.....	33.6	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars		429,245	.....	.....	7,000	31,127	.....	3,263	.....	933
67	Enterprises reporting	number		266	.....	.....	4	12	.....	12	.....	4
68	Land in these enterprises	acres		689,172	.....	.....	6,750	23,160	.....	12,323	.....	560
69	Average indebtedness per acre	dollars		0.62	.....	.....	1.04	1.34	.....	0.26	.....	1.67
70	Indebtedness in arrears, Dec. 31, 1939	dollars		131,634	.....	.....	.....	15,257	.....	.....	.....	.....
71	Enterprises reporting	number		101	.....	.....	.....	3	.....	.....	.....	.....
72	Land in these enterprises	acres		451,083	.....	.....	.....	13,620	.....	.....	.....	.....
73	Average arrearage per acre	dollars		0.29	.....	.....	.....	1.12	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		[6]9,752	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		2	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		[6]5,980	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		[6]1.63	.....	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 8,893. [2] Data in lines 46 and 47 are not included in lines 34 to 45. [3] Cost of operation and maintenance for 2 enterprises operating pumping plants included with those for enterprises not operating pumping plants. [4] Where there are less than 3 enterprises reporting, data are included only in State totals. [5] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises. [6] Not distributed by counties.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Clay	Clinton	Daviess	Decatur	De Kalb	Delaware	Dubois	Elkhart
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	14	123	29	5	216	111	17	361
	Open ditches:								
2	Completed.....miles.....1940..	95.1	440.5	131.8	6.0	609.9	476.0	39.9	310.7
3	1930..	81.2	555.8	96.1	(1)	572.6	349.9	42.5	406.1
4	1920..	89.2	44.2	64.5	(1)	798.1	320.1	25.7	546.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	5.7	471.7	16.7	0.3	400.4	251.0	0.5	90.8
7	1930..	5.7	310.1	20.3	(1)	445.4	328.6	.....	75.7
8	1920..	4.4	104.1	1.0	(1)	369.4	228.1	0.2	84.6
9	Additional length authorized.....miles.....1940..	.....	0.6	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	15.4	.....	.....	.....	.....	.....	0.1	.....
11	1930..	10.6	.....	.....	(1)	0.3	.....	2.3	.....
12	1920..	10.9	.....	.....	(1)	.....	.....	0.3	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	370	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	(1)	.....	.....	.....	.....
16	1920..	200	.....	.....	(1)	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	24,000	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	(1)	.....	.....	.....	.....
19	1920..	12,000	.....	.....	(1)	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	3,089	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	(1)	.....	.....	.....	.....
22	1920..	1,200	.....	.....	(1)	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	(1)	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	391,737	1,410,794	262,943	6,044	1,422,462	952,782	96,737	329,042
26	1930..	347,368	1,393,692	255,593	(1)	1,697,279	984,640	93,973	463,814
27	1920..	380,223	224,420	104,304	(1)	841,020	422,035	60,697	523,692
28	Estimated cost when completed.....dollars.....1940..	391,737	1,411,370	262,943	6,044	1,422,462	952,782	96,737	329,042
29	1930..	347,368	1,396,592	261,729	(1)	1,697,279	984,640	93,973	463,814
30	1920..	391,223	224,420	104,304	(1)	879,466	422,035	60,697	523,692
31	Average cost per acre when completed.....dollars.....1940..	9.98	6.62	2.69	2.09	6.72	4.52	6.61	1.58
32	1930..	7.25	6.62	2.27	(1)	7.71	4.92	5.28	2.31
33	1920..	6.63	2.57	2.59	(1)	4.07	1 70	7.24	1.86
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	253,874	513,153	234,927	5,126	630,861	369,239	48,737	248,583
35	Average amount per acre.....dollars..	7.54	4.37	2.84	2.24	4.36	3.37	4.95	1.51
36	Enterprises having open ditches and levees.....dollars..	23,381	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	41.75	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	572,449	953	.....	509,913	239,035	.....	58,974
39	Average amount per acre.....dollars..	.....	13.63	1.40	.....	22.99	8.34	.....	1.85
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	21,361	325,768	27,063	918	281,688	344,508	.....	21,485
43	Average amount per acre.....dollars..	10.94	6.06	1.37	1.53	6.29	4.75	.....	1.87
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	48,000	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	10.02	.....
46	Enterprises operating pumping plants[2].....dollars..	(3)	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	(3)	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	(4)	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	(4)	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	(4)	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	(3)	(3)	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	1	2	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	(3)	(3)	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	(3)	(3)	.....	.....	.....	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	1	7	.....	.....	2	.....	.....	.....
57	Land in these enterprises.....acres....	(3)	5,540	.....	.....	(3)	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	.....	(3)	.....	.....	.....	6,550	.....	.....
59	Enterprises reporting.....number...	.....	2	.....	.....	.....	5	.....	.....
60	Land in these enterprises.....acres....	.....	(3)	.....	.....	.....	2,540	.....	.....
61	Average amount collected per acre.....dollars..	.....	(3)	.....	.....	.....	2.58	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[5].....acres....	.....	.....	.....	.....	2,028	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	15	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	69,264	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	2.9	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	(3)	(3)	.....	.....	4,438	.....	.....	.....
67	Enterprises reporting.....number...	2	2	.....	.....	15	.....	.....	.....
68	Land in these enterprises.....acres....	(3)	(3)	.....	.....	69,264	.....	.....	.....
69	Average indebtedness per acre.....dollars..	(3)	(3)	.....	.....	0.06	.....	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	4,438	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	15	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	69,264	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	0.06	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties." [2] Data in lines 46 and 47 are not included in lines 34 to 45. [3] Where there are less than 3 enterprises reporting, data are included only in State totals. [4] Data included with those for Green County to avoid disclosures with respect to individual enterprises. [5] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Fayette	Fountain	Franklin	Fulton	Gibson	Grant	Greene	Hamilton	Hancock
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	9	24	11	94	64	158	28	232	180
	Open ditches:									
2	Completed.....miles.....1940..	5.8	13.8	1.2	377.0	275.9	376.1	221.9	240.3	195.8
3	1930..	.....	6.0	0.1	361.8	297.7	535.9	109.5	211.5	136.9
4	1920..	.....	9.7	.....	323.2	284.2	497.4	101.0	100.6	142.0
5	Additional length authorized.....miles.....1940..	.....	0.1	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	10.6	39.3	21.0	337.1	2.8	262.0	0.8	199.7	187.8
7	1930..	13.4	41.3	26.5	203.4	3.6	312.2	.....	210.1	125.4
8	1920..	15.2	22.7	22.1	182.4	6.5	242.9	57.0	213.5	122.6
9	Additional length authorized.....miles.....1940..	.....	0.3	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	0.2	.....	.....	.....	.....	13.5	.....	.....
11	1930..	.....	.....	.....	.....	5.9	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	11.6	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	16	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	400	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	2,000	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	43,000	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	130	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	3,300	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	38,466	143,975	52,366	1,158,523	789,559	671,238	571,626	516,793	479,984
26	1930..	29,847	122,236	39,860	515,213	1,266,963	831,122	452,325	503,349	350,978
27	1920..	23,484	97,839	49,333	364,509	576,984	710,207	411,491	272,700	264,887
28	Estimated cost when completed.....dollars.....1940..	38,466	144,175	52,366	1,158,523	789,559	671,238	571,626	516,793	479,984
29	1930..	29,847	122,236	39,860	515,213	1,266,963	831,122	452,325	509,349	350,978
30	1920..	23,484	97,839	49,333	364,509	576,984	731,674	441,491	272,971	272,631
31	Average cost per acre when completed.....dollars.....1940..	4.16	6.36	6.95	5.61	4.68	2.84	8.99	3.08	3.73
32	1930..	4.05	7.71	5.49	3.76	5.60	3.99	7.33	3.58	2.95
33	1920..	3.80	8.73	6.87	1.64	3.03	3.30	8.64	2.12	1.93
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	10,156	25,321	.....	265,116	774,135	186,665	485,621	142,667	55,126
35	Average amount per acre.....dollars..	2.21	7.22	.....	1.91	4.67	1.76	8.64	1.86	2.05
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	83,017	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	12.08	.....	.....
38	Enterprises having tile only.....dollars..	16,507	49,507	14,347	302,569	1,584	222,298	440	101,747	165,687
39	Average amount per acre.....dollars..	4.57	6.43	4.74	24.62	1.91	4.21	2.20	4.49	6.46
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	11,803	58,990	38,019	590,838	13,840	262,275	2,548	272,379	259,171
43	Average amount per acre.....dollars..	11.24	5.60	8.43	10.65	7.20	3.41	9.16	3.98	3.41
44	Enterprises having ditches, tile, and levees.....dollars..	.....	10,357	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	11.23	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	[1] 1,976	.....	9,251
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	8	.....	75
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	[1] 18,089	.....	66,318
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	[1] 0.11	.....	0.14
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	.....	2	1	1	.....	.....	7
57	Land in these enterprises.....acres....	.....	.....	.....	(2)	(2)	(2)	.....	.....	9,795
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	.....	.....	.....	15,440	.....	.....	.....	.....	5,896
59	Enterprises reporting.....number...	.....	.....	.....	5	.....	.....	.....	.....	5
60	Land in these enterprises.....acres....	.....	.....	.....	10,810	.....	.....	.....	.....	5,848
61	Average amount collected per acre.....dollars..	.....	.....	.....	1.43	.....	.....	.....	.....	1.01
62	Area delinquent in drainage taxes, Dec. 31, 1939[3].....acres....	.....	.....	.....	(2)	.....	.....	5,534	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	1	.....	.....	7	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	(2)	.....	.....	25,727	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	(2)	.....	.....	21.5	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	5,285	.....	20,910	(2)	.....	5,832	(2)	9,801
67	Enterprises reporting.....number...	.....	9	.....	5	1	.....	5	1	5
68	Land in these enterprises.....acres....	.....	8,148	.....	10,810	(2)	.....	8,503	(2)	5,848
69	Average indebtedness per acre.....dollars..	.....	0.65	.....	1.93	(2)	.....	0.68	(2)	1.68
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	(2)	.....	5,115	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	1	.....	3	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	(2)	.....	7,163	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	(2)	.....	0.71	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Data for enterprises in Clay and Sullivan Counties included with those for Greene County to avoid disclosures with respect to individual enterprises.
[2] Where there are less than 3 enterprises reporting, data are included only in State totals.
[3] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Hendricks	Henry	Howard	Huntington	Jackson	Jasper	Jay	Jennings
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	77	93	178	265	71	163	247	6
	Open ditches:								
2	Completed.....miles.....1940..	241.9	311.5	254.5	468.6	252.9	510.8	384.0	10.3
3	1930..	285.9	260.8	348.9	333.8	102.1	562.0	452.2	8.2
4	1920..	191.3	98.0	277.9	335.4	35.6	434.5	367.2	6.9
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	80.7	289.3	221.0	323.5	1.1	209.5	198.1	0.2
7	1930..	98.4	222.6	255.5	227.6	0.2	256.7	210.9	.....
8	1920..	67.5	150.4	209.4	216.1	.....	226.8	175.2	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	11.1	.....	.....
12	1920..	.....	.....	.....	.....	.....	9.9	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	420,023	996,362	758,734	689,304	352,103	1,249,076	858,256	13,434
26	1930..	366,483	764,632	915,926	883,818	280,000	2,301,250	1,186,132	4,070
27	1920..	205,894	349,243	473,761	498,145	141,271	1,306,633	940,130	22,800
28	Estimated cost when completed.....dollars.....1940..	420,023	996,362	758,734	689,304	352,103	1,249,076	858,256	13,434
29	1930..	366,483	764,632	915,926	883,818	280,000	2,309,342	1,186,132	4,070
30	1920..	212,894	355,443	515,217	625,794	141,271	1,346,359	940,294	22,800
31	Average cost per acre when completed.....dollars.....1940..	5.32	4.67	4.82	3.61	2.93	3.82	3.62	3.36
32	1930..	3.71	3.94	6.89	5.11	3.06	6.26	5.00	1.23
33	1920..	2.01	2.75	3.33	2.98	3.05	10.63	5.23	5.70
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	192,716	251,236	252,488	206,914	350,546	915,486	539,576	13,104
35	Average amount per acre.....dollars..	5.93	2.14	4.33	3.42	2.93	3.06	2.81	3.28
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	70,357	227,608	205,051	261,092	.....	211,009	203,803	.....
39	Average amount per acre.....dollars..	7.52	11.33	8.16	4.91	.....	15.90	8.67	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	156,950	517,518	301,195	221,298	1,557	122,581	114,877	330
43	Average amount per acre.....dollars..	4.24	6.80	4.08	2.87	3.21	8.32	5.28	41.25
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	480	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	7	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	2,835	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	0.17	.....	.....	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	1	2	.....	.....	1	27	.....	.....
57	Land in these enterprises.....acres....	(1)	(1)	.....	.....	(1)	8,980	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	7,511	.....	.....	.....	.....	2,853	.....	.....
59	Enterprises reporting.....number...	11	.....	.....	.....	.....	12	.....	.....
60	Land in these enterprises.....acres....	24,795	.....	.....	.....	.....	46,730	.....	.....
61	Average amount collected per acre.....dollars..	0.30	.....	.....	.....	.....	0.06	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[2].....acres....	715	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	7	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	5,942	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	12.0	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	9,136	.....	.....	.....	.....	8,355	.....	.....
67	Enterprises reporting.....number...	15	.....	.....	.....	.....	12	.....	.....
68	Land in these enterprises.....acres....	25,327	.....	.....	.....	.....	46,730	.....	.....
69	Average indebtedness per acre.....dollars..	0.36	.....	.....	.....	.....	0.18	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(1)	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	(1)	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	(1)	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.
[2] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Johnson	Knox	Kosciusko	Lagrange	Lake	La Porte	Madison	Marion	Marshall
	DRAINAGE WORKS										
1	Drainage enterprises	1940	84	46	200	113	42	59	190	88	382
	Open ditches:										
2	Completed—miles	1940	121.2	383.4	447.4	269.9	245.0	374.3	512.1	148.5	416.0
3		1930	124.5	300.2	566.0	343.6	268.6	418.5	558.3	67.9	620.0
4		1920	50.0	207.7	577.8	317.2	261.0	312.1	427.6	77.0	571.3
5	Additional length authorized—miles	1940	.....	.....	7.6	.....	.....	.....	.....	.....	.....
	Tile drains:										
6	Completed—miles	1940	56.7	17.2	415.0	134.5	41.5	11.0	346.8	20.6	220.7
7		1930	50.8	13.3	445.8	157.9	33.6	27.5	305.3	3.4	201.0
8		1920	20.7	9.4	388.0	119.8	21.6	89.2	290.6	7.8	217.2
9	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed—miles	1940	.....	17.4	.....	.....	7.0	.....	.....	10.8	.....
11		1930	.....	1.0	.....	.....	11.4	3.0	.....	1.5	.....
12		1920	.....	5.5	.....	.....	12.9	.....	.....	2.8	.....
13	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity—horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	25	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity—gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	6,000	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps—acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	600	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage—number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1—dollars	1940	137,642	915,729	931,296	483,951	943,656	1,185,026	1,452,682	169,197	611,771
26		1930	141,430	992,587	1,122,332	612,999	1,020,742	1,382,887	895,246	88,049	1,261,317
27		1920	42,843	549,729	1,054,797	416,242	513,174	768,462	722,012	95,615	793,383
28	Estimated cost when completed—dollars	1940	137,642	915,729	933,783	483,951	943,656	1,185,026	1,452,682	169,197	611,771
29		1930	141,430	992,587	1,122,332	612,999	1,020,742	1,384,787	895,246	88,049	1,261,317
30		1920	42,843	549,729	1,054,797	427,192	527,837	770,362	730,276	97,719	803,208
31	Average cost per acre when completed—dollars	1940	2.11	5.76	2.92	3.08	5.63	6.51	6.73	3.76	2.58
32		1930	1.71	5.33	3.57	4.61	7.07	5.75	4.32	2.52	4.77
33		1920	1.28	4.89	3.42	2.22	4.71	4.26	3.22	2.42	3.14
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only—dollars		61,820	717,520	244,698	263,461	656,007	1,073,402	550,529	91,691	285,019
35	Average amount per acre—dollars		1.56	5.40	1.70	2.12	5.40	6.15	6.16	2.96	1.88
36	Enterprises having open ditches and levees—dollars		.....	113,763	.....	.....	20,000	.....	.....	28,915	.....
37	Average amount per acre—dollars		.....	5.99	.....	.....	4.00	.....	.....	13.58	.....
38	Enterprises having tile only—dollars		46,344	16,846	286,741	127,530	40,022	92,657	371,421	20,684	224,906
39	Average amount per acre—dollars		2.48	9.41	5.07	10.04	4.98	35.39	12.82	6.35	4.55
40	Enterprises having tile and levees—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile—dollars		29,478	67,600	402,344	92,960	227,627	18,967	530,732	27,907	101,846
43	Average amount per acre—dollars		4.23	12.69	3.38	4.64	6.85	3.77	5.44	3.22	2.81
44	Enterprises having ditches, tile, and levees—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
53	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	1	.....
54	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	(1)	.....
55	Average cost per acre—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
	Federal aid in maintenance:										
56	Enterprises reporting—number		1	.....	.....	.....	1	2	13	5	4
57	Land in these enterprises—acres		(1)	.....	.....	.....	(1)	(1)	8,584	2,442	4,469
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939—dollars		.....	.....	13,656	.....	(1)	.....	3,440	(1)	1,873
59	Enterprises reporting—number		.....	.....	6	.....	2	.....	19	2	5
60	Land in these enterprises—acres		.....	.....	31,000	.....	(1)	.....	30,411	(1)	4,224
61	Average amount collected per acre—dollars		.....	.....	0.44	.....	(1)	.....	0.11	(1)	0.44
62	Area delinquent in drainage taxes, Dec. 31, 1939 [2]—acres		.....	.....	.....	.....	.....	.....	2,727	1,088	718
63	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	18	5	5
64	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	49,388	3,127	3,832
65	Portion delinquent in these enterprises—percent		.....	.....	.....	.....	.....	.....	5.5	34.8	18.7
66	Total indebtedness, Dec. 31, 1939—dollars		.....	(1)	7,908	.....	2,071	.....	22,443	(1)	2,436
67	Enterprises reporting—number		.....	1	7	.....	5	.....	30	2	5
68	Land in these enterprises—acres		.....	(1)	20,118	.....	19,601	.....	57,967	(1)	3,832
69	Average indebtedness per acre—dollars		.....	(1)	0.39	.....	0.10	.....	0.39	(1)	0.64
70	Indebtedness in arrears, Dec. 31, 1939—dollars		.....	.....	(1)	.....	(1)	.....	3,162	.....	1,792
71	Enterprises reporting—number		.....	.....	1	.....	2	.....	20	.....	4
72	Land in these enterprises—acres		.....	.....	(1)	.....	(1)	.....	52,642	.....	3,778
73	Average arrearage per acre—dollars		.....	.....	(1)	.....	(1)	.....	0.06	.....	0.47
74	Reduction of debt by refinancing, prior to 1940—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.
[2] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Miami	Montgomery	Morgan	Newton	Noble	Owen	Parke	Pike
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	192	146	18	114	135	5	9	10
	Open ditches:									
2	Completed	miles 1940	412.4	148.7	77.3	378.3	429.7	12.3	31.7	61.1
3		1930	243.4	113.9	97.2	343.4	437.7	16.3	20.2	75.8
4		1920	248.6	67.0	49.2	244.1	459.5	11.0	13.0	56.4
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	187.1	177.9	2.4	125.3	420.3	.....	0.3	0.2
7		1930	156.3	158.9	1.7	160.6	401.2	2.2	.....	0.1
8		1920	167.8	98.0	1.3	78.0	317.4	1.9	1.0	0.2
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	.....	.....	.....	.....	.....	21.8	0.3
11		1930	.....	.....	2.3	.....	.....	.....	5.3	0.1
12		1920	.....	.....	.....	1.9	.....	.....	21.0	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	817,308	478,304	268,836	895,889	1,131,804	40,989	216,417	390,347
26		1930	635,026	428,081	317,375	1,250,594	1,221,057	62,414	159,117	1,009,472
27		1920	497,034	183,569	70,813	630,390	788,295	60,514	53,425	133,763
28	Estimated cost when completed	dollars 1940	817,308	478,304	268,836	895,889	1,131,804	40,989	216,417	390,347
29		1930	635,026	428,081	317,375	1,250,594	1,221,057	62,414	159,117	1,009,472
30		1920	497,034	210,245	70,813	631,742	788,434	60,514	53,425	133,763
31	Average cost per acre when completed	dollars 1940	5.66	4.81	7.96	3.90	6.08	9.37	18.00	4.37
32		1930	4.53	3.64	6.61	5.36	7.72	12.04	19.22	7.29
33		1920	2.46	2.71	2.43	3.66	3.96	9.25	4.31	4.16
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	485,369	93,524	259,609	674,805	305,653	40,989	14,378	386,454
35	Average amount per acre	dollars	5.03	3.23	8.36	3.17	2.94	9.37	3.63	4.38
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	.....	196,030	1,250
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	27.61	2.52
38	Enterprises having tile only	dollars	317,120	237,598	1,300	200,285	439,415	.....	.....	.....
39	Average amount per acre	dollars	6.78	6.17	5.42	13.44	36.34	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	14,819	147,182	7,927	20,799	386,736	.....	.....	2,643
43	Average amount per acre	dollars	15.32	4.61	3.21	9.63	5.52	.....	.....	3.86
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	6,009	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	6.26	.....
46	Enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	.....	261	(1)	.....	.....	.....	(1)	.....
53	Enterprises reporting	number	.....	10	1	.....	.....	.....	2	.....
54	Land in these enterprises	acres	.....	4,074	(1)	.....	.....	.....	(1)	.....
55	Average cost per acre	dollars	.....	0.06	(1)	.....	.....	.....	(1)	.....
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	8	4	8	.....	9	.....
57	Land in these enterprises	acres	.....	.....	26,378	18,713	525	.....	8,574	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	(1)	(1)	.....	15,322	4,514	.....	16,039	.....
59	Enterprises reporting	number	1	1	.....	25	12	.....	3	.....
60	Land in these enterprises	acres	(1)	(1)	.....	52,760	4,966	.....	4,599	.....
61	Average amount collected per acre	dollars	(1)	(1)	.....	0.29	0.91	.....	3.49	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[2]	acres	.....	.....	314	8,009	.....	.....	(1)	.....
63	Enterprises reporting	number	.....	.....	3	26	.....	.....	1	.....
64	Land in these enterprises	acres	.....	.....	4,324	52,720	.....	.....	(1)	.....
65	Portion delinquent in these enterprises	percent	.....	.....	7.3	15.2	.....	.....	(1)	.....
66	Total indebtedness, Dec. 31, 1939	dollars	(1)	.....	4,246	56,556	29,077	.....	(1)	(1)
67	Enterprises reporting	number	1	.....	3	33	22	.....	1	1
68	Land in these enterprises	acres	(1)	.....	4,324	72,333	34,458	.....	(1)	(1)
69	Average indebtedness per acre	dollars	(1)	.....	0.98	0.78	0.84	.....	(1)	(1)
70	Indebtedness in arrears, Dec. 31, 1939	dollars	.....	.....	(1)	31,958	(1)	.....	.....	(1)
71	Enterprises reporting	number	.....	.....	1	27	2	.....	.....	1
72	Land in these enterprises	acres	.....	.....	(1)	53,020	(1)	.....	.....	(1)
73	Average arrearage per acre	dollars	.....	.....	(1)	0.60	(1)	.....	.....	(1)
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.
[2] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Porter	Posey	Pulaski	Putnam	Randolph	Rush	St. Joseph	Scott	Shelby
	DRAINAGE WORKS										
1	Drainage enterprises	number 1940	48	55	199	9	155	181	47	0	143
	Open ditches:										
2	Completed	miles 1940	346.2	214.8	697.0	11.7	314.0	195.2	460.2	38.3	200.7
3		1930	269.3	245.2	362.9	11.3	245.2	187.0	455.7	29.0	194.6
4		1920	228.9	133.5	154.7	47.1	17.8	135.8	442.0	19.0	182.8
5	Additional length authorized	miles 1940	.....	.....	.....	.....	0.2	.....	.....	.....	.....
	Tile drains:										
6	Completed	miles 1940	108.9	0.2	182.7	10.3	390.9	182.4	71.5	.....	63.3
7		1930	82.3	0.4	64.0	9.7	304.3	167.2	66.9	.....	62.3
8		1920	81.7	0.3	65.2	7.7	75.9	145.0	66.7	.....	60.6
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles 1940	.....	.....	.....	.....	0.4	.....	.....	.....	.....
11		1930	10.2	8.5	.....	.....	.....	.....	.....	.....	.....
12		1920	16.4	12.0	.....	.....	.....	.....	.....	.....	0.1
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars 1940	1,072,939	543,127	1,017,527	64,512	808,709	412,247	874,358	75,561	159,332
26		1930	1,044,270	537,765	1,262,788	60,856	730,033	411,277	751,488	99,698	149,639
27		1920	572,204	210,000	482,276	24,965	139,112	462,811	498,766	78,689	142,927
28	Estimated cost when completed	dollars 1940	1,072,939	543,127	1,017,527	64,512	808,909	412,247	874,358	75,561	159,332
29		1930	1,044,270	537,765	1,300,168	60,856	730,033	416,697	751,488	99,698	149,639
30		1920	582,404	210,000	489,650	24,965	142,965	462,811	498,766	78,689	142,927
31	Average cost per acre when completed	dollars 1940	6.44	3.36	3.87	6.24	3.89	3.91	4.39	4.48	1.85
32		1930	7.01	3.05	5.69	5.42	3.89	4.04	3.35	6.36	1.76
33		1920	3.90	1.43	3.61	4.78	2.40	4.57	2.51	6.62	1.78
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars	711,318	540,657	719,274	10,364	165,826	110,246	688,603	75,561	83,896
35	Average amount per acre	dollars	6.06	3.36	3.50	2.93	1.91	2.27	3.67	4.48	1.56
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars	129,370	.....	147,147	14,741	203,523	216,902	71,659	.....	56,946
39	Average amount per acre	dollars	18.32	.....	5.70	4.53	7.42	5.30	77.80	.....	2.48
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	581	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	0.78	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	232,251	2,470	151,106	39,407	422,056	85,099	114,096	.....	18,490
43	Average amount per acre	dollars	5.51	3.01	4.80	11.11	4.66	5.32	10.54	.....	1.93
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	16,983	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	7.42	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	.....	.....	4,237	.....	.....	2,561	.....	.....	(1)
53	Enterprises reporting	number	.....	.....	14	.....	.....	4	.....	.....	1
54	Land in these enterprises	acres	.....	.....	2,220	.....	.....	2,303	.....	.....	(1)
55	Average cost per acre	dollars	.....	.....	1.91	.....	.....	1.11	.....	.....	(1)
	Federal aid in maintenance:										
56	Enterprises reporting	number	169	1	29	.....	1	.....	10	.....	.....
57	Land in these enterprises	acres	90,980	(1)	87,293	.....	(1)	.....	18,515	.....	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars	(1)	.....	1,990	.....	6,825	784	2,281	.....	.....
59	Enterprises reporting	number	2	.....	4	.....	11	3	4	.....	.....
60	Land in these enterprises	acres	(1)	.....	3,490	.....	31,137	3,752	18,978	.....	.....
61	Average amount collected per acre	dollars	(1)	.....	0.57	.....	0.22	0.21	0.12	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[2]	acres	620	.....	786	.....	.....	.....	31,354	.....	(1)
63	Enterprises reporting	number	4	.....	5	.....	.....	.....	5	.....	1
64	Land in these enterprises	acres	14,520	.....	2,660	.....	.....	.....	18,978	.....	(1)
65	Portion delinquent in these enterprises	percent	4.3	.....	29.5	.....	.....	.....	105.2	.....	(1)
66	Total indebtedness, Dec. 31, 1939	dollars	6,034	.....	2,466	.....	12,052	2,049	10,460	(1)	(1)
67	Enterprises reporting	number	6	.....	6	.....	5	4	6	1	1
68	Land in these enterprises	acres	16,360	.....	3,060	.....	11,747	3,867	18,978	(1)	(1)
69	Average indebtedness per acre	dollars	0.37	.....	0.80	.....	1.02	0.53	0.55	(1)	(1)
70	Indebtedness in arrears, Dec. 31, 1939	dollars	(1)	.....	(1)	.....	.....	.....	10,460	(1)	(1)
71	Enterprises reporting	number	2	.....	2	.....	.....	.....	6	1	1
72	Land in these enterprises	acres	(1)	.....	(1)	.....	.....	.....	18,978	(1)	(1)
73	Average arrearage per acre	dollars	(1)	.....	(1)	.....	.....	.....	0.55	(1)	(1)
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.
[2] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Spencer	Starke	Steuben	Sullivan	Tippecanoe	Tipton	Union	Vanderburg
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	78	166	469	19	137	74	12	45
	Open ditches:								
2	Completed.....miles.....1940..	186.7	500.2	361.6	88.9	132.0	533.5	0.9	100.3
3	1930..	188.9	741.2	345.4	90.2	109.7	549.3	0.6	134.4
4	1920..	198.8	637.5	352.5	41.8	31.7	558.4	.....	119.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	10.5	13.7	168.7	77.8	369.4	226.3	19.5	2.0
7	1930..	16.4	15.3	301.6	29.8	305.8	282.1	42.8	4.6
8	1920..	7.4	35.3	248.2	11.7	213.5	253.5	18.1	3.4
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	3.0	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	22.0	.....	.....	.....	.....
11	1930..	.....	20.0	.....	22.5	.....	.....	.....	.....
12	1920..	.....	4.0	.....	18.2	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	145	.....	.....	.....	.....
15	1930..	.....	.....	.....	125	.....	.....	.....	.....
16	1920..	.....	.....	.....	25	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	23,333	.....	.....	.....	.....
18	1930..	.....	.....	.....	40,000	.....	.....	.....	.....
19	1920..	.....	.....	.....	348	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	1,766	.....	.....	.....	.....
21	1930..	.....	.....	.....	2,033	.....	.....	.....	.....
22	1920..	.....	.....	.....	311	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	276,194	542,338	420,298	418,621	801,063	1,136,139	40,960	100,080
26	1930..	191,631	1,816,442	733,238	322,898	728,132	1,433,676	80,500	189,060
27	1920..	290,239	718,185	504,041	204,499	424,771	746,053	19,634	167,874
28	Estimated cost when completed.....dollars.....1940..	276,194	542,338	420,298	418,621	805,874	1,136,139	40,960	100,080
29	1930..	191,631	1,816,442	733,238	322,898	728,132	1,433,676	80,500	189,060
30	1920..	290,239	755,124	516,751	206,499	433,931	746,053	19,634	167,874
31	Average cost per acre when completed.....dollars.....1940..	4.25	2.94	2.79	10.54	6.61	6.97	8.99	1.74
32	1930..	2.81	9.37	5.49	7.23	6.50	8.81	9.52	2.79
33	1920..	3.29	4.17	3.86	8.99	4.73	4.81	4.23	3.17
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	247,822	519,493	249,290	144,064	55,330	490,390	.....	95,870
35	Average amount per acre.....dollars..	4.12	2.89	2.28	6.42	3.85	6.75	.....	1.71
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	160,080	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	73.57	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	5,559	15,318	147,475	1,098	354,773	281,487	26,475	.....
39	Average amount per acre.....dollars..	4.94	5.48	4.85	2.65	8.24	52.27	8.75	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	22,813	16,527	23,530	25,977	395,771	364,362	14,485	4,210
43	Average amount per acre.....dollars..	6.20	3.48	2.17	15.51	6.14	4.29	9.46	2.94
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	1,145	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	1.62	.....	.....	.....	.....
46	Enterprises operating pumping plants[1].....dollars..	.....	.....	.....	(2)	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	(2)	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	(3)	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	1	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	(3)	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	(3)	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	9,282	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	8	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	4,442	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	2.09	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	.....	.....	1	1	10	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	(2)	(2)	19,951	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	800	.....	.....	.....	.....	5,552	.....	.....
59	Enterprises reporting.....number...	3	.....	.....	.....	.....	4	.....	.....
60	Land in these enterprises.....acres....	2,091	.....	.....	.....	.....	3,989	.....	.....
61	Average amount collected per acre.....dollars..	0.38	.....	.....	.....	.....	1.39	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[4].....acres....	.....	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,000	.....	.....	(2)	.....	6,987	.....	.....
67	Enterprises reporting.....number...	4	.....	.....	1	.....	7	.....	.....
68	Land in these enterprises.....acres....	4,877	.....	.....	(2)	.....	4,585	.....	.....
69	Average indebtedness per acre.....dollars..	0.20	.....	.....	(2)	.....	1.52	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	800	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	3	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	2,091	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	0.38	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] Data in lines 46 and 47 are not included in lines 34 to 45. [2] Where there are less than 3 enterprises reporting, data are included only in State totals. [3] Data included with those for Greene County to avoid disclosures with respect to individual enterprises. [4] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

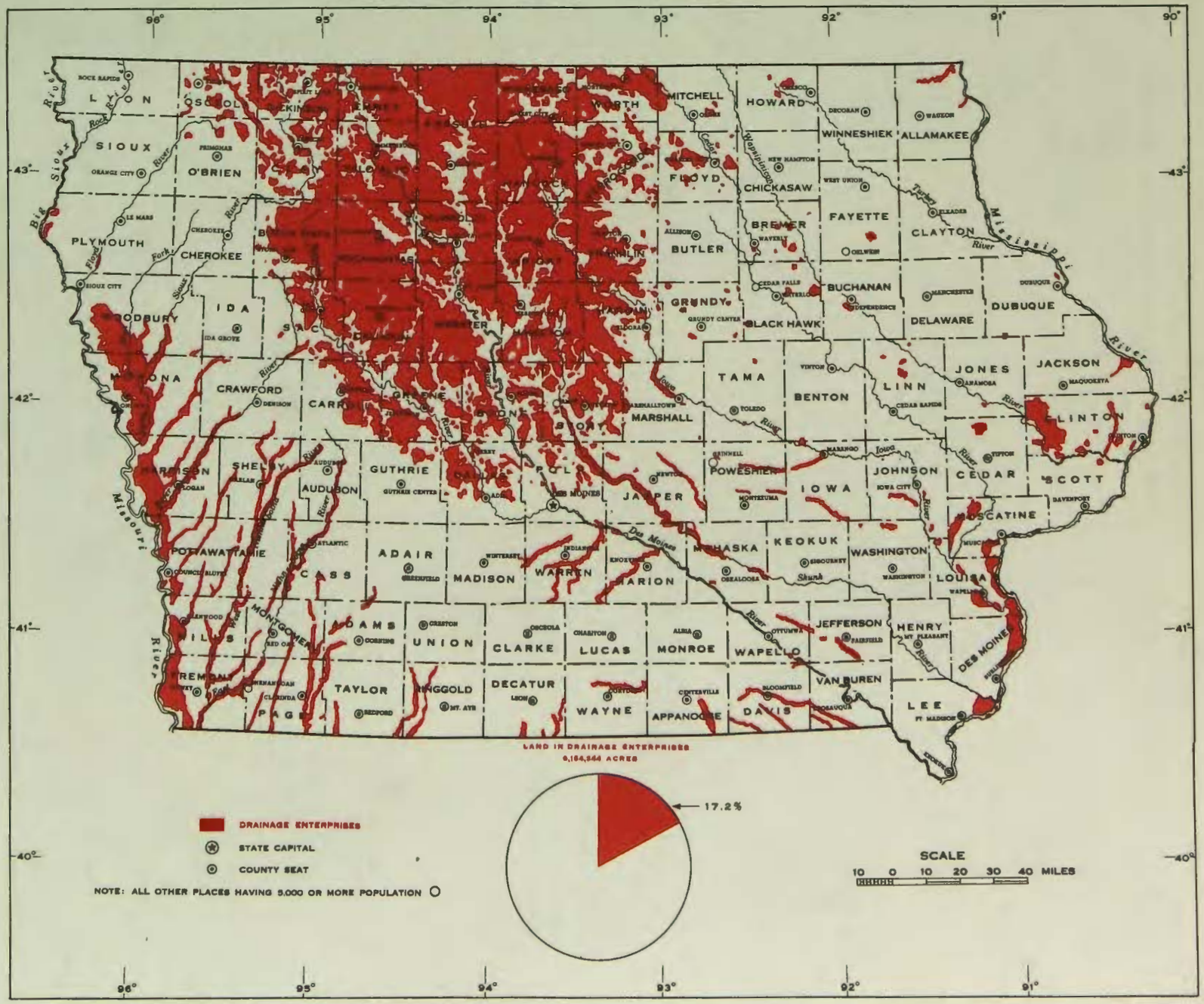
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Vermilion	Vigo	Wabash	Warren	Warrick	Washington	Wayne	Wells	White	Whitley	Other counties[1]
	DRAINAGE WORKS											
1	Drainage enterprises.....number.....1940..	5	14	153	57	78	5	20	191	270	122	5
	Open ditches:											
2	Completed.....miles.....1940..	13.9	79.7	191.8	46.5	187.6	16.3	40.8	843.6	808.5	381.5	9.5
3	1930..	17.8	104.2	372.9	52.2	236.5	9.0	23.4	672.7	671.3	298.4	19.3
4	1920..	11.9	91.9	266.5	46.0	166.0	11.0	17.4	648.3	149.1	372.4	13.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed.....miles.....1940..	3.4	4.7	142.9	57.7	.....	.....	12.5	356.0	318.2	404.4	.....
7	1930..	6.1	3.7	121.6	68.1	.....	.....	13.3	384.2	478.3	397.9	2.5
8	1920..	2.4	1.6	121.9	70.8	.....	.....	5.1	282.5	74.3	336.0	1.0
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed.....miles.....1940..	.....	28.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	15.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	35.8	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles../.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity.....horsepower....1940..	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	617	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	800	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1.....dollars.....1940..	15,498	330,674	431,909	279,761	493,857	105,390	67,385	1,451,549	1,368,267	1,007,064	4,821
26	1930..	24,462	395,662	722,953	205,010	509,875	86,700	43,685	1,503,918	2,510,909	1,103,913	24,687
27	1920..	11,957	279,453	627,043	102,247	305,980	79,000	16,640	866,817	561,777	883,249	19,954
28	Estimated cost when completed.....dollars.....1940..	15,498	330,674	431,909	279,761	493,857	105,390	67,385	1,451,549	1,368,267	1,007,064	1,821
29	1930..	24,462	395,662	722,953	205,010	509,875	86,700	43,685	1,503,918	2,515,725	1,103,913	25,687
30	1920..	11,957	289,453	640,543	102,247	305,980	79,000	17,765	1,018,035	561,777	979,936	19,954
31	Average cost per acre when completed.....dollars.....1940..	2.87	11.18	3.30	5.47	4.44	8.64	3.32	7.12	5.51	5.11	2.26
32	1930..	2.68	9.38	4.50	3.88	4.46	7.59	3.53	7.11	8.16	5.49	3.37
33	1920..	1.83	5.69	4.25	2.12	3.58	7.10	1.96	6.12	2.36	5.67	5.06
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only.....dollars..	3,725	86,025	175,623	85,141	193,857	105,390	29,915	717,163	780,806	255,272	4,821
35	Average amount per acre.....dollars..	2.36	8.01	2.06	4.16	4.44	8.64	2.86	5.80	5.12	2.31	2.26
36	Enterprises having open ditches and levees.....dollars..	.....	196,263	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	12.82	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	213,967	155,071	.....	.....	2,762	487,673	318,357	406,743	.....
39	Average amount per acre.....dollars..	.....	.....	6.83	8.12	.....	.....	3.00	11.65	5.41	17.14	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	11,773	4,043	42,319	39,549	.....	.....	34,708	246,713	269,104	345,049	.....
43	Average amount per acre.....dollars..	3.08	7.49	2.92	3.42	.....	.....	3.89	6.41	7.28	5.49	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	26,949	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	11.35	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	.....	(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	2,170	(4)	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	4	1	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	3,337	(4)	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	0.65	(4)	.....	.....	.....
	Federal aid in maintenance:											
56	Enterprises reporting.....number...	.....	.....	.....	.....	3	.....	.....	.....	1	.....	1
57	Land in these enterprises.....acres....	.....	.....	.....	.....	25,025	.....	.....	.....	(4)	.....	(4)
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939.....dollars..	.....	(4)	(4)	.....	2,620	.....	3,270	(4)	(4)	.....	.....
59	Enterprises reporting.....number...	.....	1	1	.....	3	.....	4	2	2	.....	.....
60	Land in these enterprises.....acres....	.....	(4)	(4)	.....	28,812	.....	3,160	(4)	(4)	.....	.....
61	Average amount collected per acre.....dollars..	.....	(4)	(4)	.....	0.09	.....	1.03	(4)	(4)	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939[5].....acres....	.....	.....	.....	.....	2,697	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	31,519	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	8.6	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	(4)	2,306	.....	13,891	.....	.....	(4)	(4)	.....	.....
67	Enterprises reporting.....number...	.....	1	3	.....	1	.....	.....	1	1	.....	.....
68	Land in these enterprises.....acres....	.....	(4)	445	.....	31,519	.....	.....	(4)	(4)	.....	.....
69	Average indebtedness per acre.....dollars..	.....	(4)	5.18	.....	0.44	.....	.....	(4)	(4)	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	(4)	.....	.....	13,476	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	1	.....	.....	4	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	(4)	.....	.....	31,519	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	(4)	.....	.....	0.43	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Harrison, Ohio, and Perry Counties in 1940; Decatur, Harrison, Martin, Monroe, Ohio, and Perry Counties in 1930; and Decatur, Martin, Monroe, Ohio, and Perry Counties in 1920. [2] Pumping plant located in Clay County. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Where there are less than 3 enterprises reporting, data are included only in State totals. [5] In some counties there is duplication resulting from the same land being delinquent in 2 or more overlapping enterprises.

IOWA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	35,831,040	35,575,040	35,575,040	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	6,164,344	6,137,649	5,224,478	26,695	0.4	913,171	17.5
Improved.....acres.....	6,115,785	5,961,454	4,493,407	154,331	2.6	1,468,047	32.7
Unimproved:							
Timber and cut-over.....acres.....	26,391	88,802	74,652	-62,411	-70.3	14,150	19.0
Other.....acres.....	22,168	87,393	656,419	-65,225	-74.6	-569,026	-86.7
Drainage sufficient for normal crop.....acres.....	6,045,348	5,846,118	(1)	199,230	3.4	.....	.....
Partly drained, for partial crop.....acres.....	85,370	223,160	(1)	-137,790	-61.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	33,626	68,371	[2] 320,893	-34,745	-50.8	-252,522	-78.7
In occupied farms.....acres.....	5,945,393	6,105,496	(1)	-160,103	-2.6	.....	.....
In planted crops.....acres.....	4,697,259	5,376,805	(1)	-679,546	-12.6	.....	.....
Idle.....acres.....	98,727	78,303	(1)	20,424	26.1	.....	.....
Available for settlement.....acres.....	500	15,104	(1)	-14,604	-96.7	.....	.....
Open ditches, completed.....miles.....	5,189.7	4,800.0	3,998.0	389.7	8.1	802.0	20.1
Tile drains, completed.....miles.....	12,873.2	13,382.4	10,384.9	-509.2	-3.8	2,997.5	28.9
Drainage pumping plants, capacity.....horsepower....	3,900	4,625	3,153	-725	-15.7	1,472	46.7
gal. per min..	824,500	881,500	530,800	-57,000	-6.5	350,700	66.1
Capital invested in enterprise.....dollars.....	75,374,497	77,478,893	49,627,304	-2,104,396	-2.7	27,851,589	56.1
Average per acre.....dollars.....	12.23	12.62	9.50	-0.39	-3.1	3.12	32.8

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises	7,544,931	7,397,544	5,905,743	6,164,344
Less than 100 acres	9,376	8,604	31,256	8,145
100 to 199 acres	41,482	38,501		38,519
200 to 499 acres	293,175	276,093	222,779	266,288
500 to 999 acres	656,433	663,537	500,458	552,091
1,000 to 1,999 acres	1,051,108	2,039,362	2,065,702	934,806
2,000 to 4,999 acres	1,594,621			1,387,043
5,000 to 9,999 acres	1,280,602	1,295,465	1,005,124	1,082,518
10,000 to 19,999 acres	1,344,725	2,054,594	1,895,497	1,028,978
20,000 to 49,999 acres	865,928			656,312
50,000 to 99,999 acres	312,476	279,408	184,837	200,644
100,000 acres and over	.....	142,080	.....	.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	6,164,344	100.0	75,374,497	100.0
Drainage districts	233,616	3.8	3,804,204	5.0
County drains	5,875,742	95.3	70,828,445	94.0
Township drains	1,200	(1)	2,160	(1)
Individually owned projects	53,786	0.9	739,688	1.0

[1] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises	6,164,344	100.0	6,137,649	100.0	5,224,478	100.0	75,374,497	100.0	77,478,893	100.0	49,627,304	100.0
Gravity drainage only by—												
Open ditches	1,660,884	27.0	1,644,109	26.8			16,515,381	21.9	17,221,358	22.3		
Tile drains	2,000,256	32.4	2,316,828	37.7	5,085,312	97.3	27,646,097	36.7	28,610,550	36.9	48,482,112	97.7
Open ditches and tile drains	2,415,588	39.2	2,088,391	34.1			29,446,138	39.1	29,518,128	38.1		
All drained by pumping by—												
Open ditches	44,922	0.7					618,724	0.8				
Tile drains	.....	.....	36,858	0.6	79,686	1.5	.....	.....	847,535	1.1	778,770	1.6
Open ditches and tile drains	27,500	0.5					508,890	0.7				
Part only by pumping by—												
Open ditches	15,194	0.2					639,267	0.8				
Tile drains	.....	.....	51,433	0.8	59,480	1.1	.....	.....	1,281,322	1.6	366,422	0.7
Open ditches and tile drains	.....	.....					.....	.....				
Total area served by pumps	81,754	1.3	84,801	1.4	134,616	2.6	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	11	3,900	100.0	821,500	81,754
	1930	11	4,625	100.0	881,500	84,801
	1920	6	3,153	100.0	530,800	[1] 134,616
Steam	1940	1	200	5.1	30,900	3,800
	1930	2	1,250	27.0	250,000	18,500
	1920	2	1,400	44.4	209,300	63,905
Electric	1940	1	50	1.3	5,000	516
	1930	1	300	13.0	95,000	8,815
	1920	2	1,700	53.9	302,500	[1] 69,261
Internal combustion	1940	5	1,200	30.8	270,600	13,982
	1930	5	225	4.9	26,500	5,219
	1920	2	53	1.7	19,000	1,450
Steam and electric	1940	4	2,450	62.8	518,000	63,456
	1930	3	2,550	55.1	510,000	52,267
	1920	.....	.....	.....	.....	.....

[1] Includes 32,213 acres of tributary area outside of drainage enterprises.

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	18	824,500	100.0	3,900	81,754
	1930	21	881,500	100.0	4,625	84,801
Centrifugal	1940	18	824,500	100.0	3,900	81,754
	1930	21	881,500	100.0	4,625	84,801

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	6,164,344	100.0	6,137,649	100.0	75,374,497	100.0	77,478,893	100.0	43,001	20,595
Enterprises in arrears	264,169	4.3	318,637	5.2	3,428,983	4.6	3,801,885	4.9	23,006	10,315
With some delinquent land	54,312	0.9	54,370	0.9	1,030,759	1.4	1,501,081	1.9	23,006	10,315
With no delinquent land	141,043	2.3	166,900	2.7	1,288,296	1.7	1,223,332	1.6	.....	.....
With no report on delinquency	68,814	1.1	97,367	1.6	1,109,928	1.5	1,077,472	1.4	.....	.....
Enterprises not in arrears	5,900,175	95.7	5,819,012	94.8	71,945,514	95.4	73,677,008	95.1	19,995	9,980
With some delinquent land	96,160	1.5	139,684	2.3	642,036	0.8	3,136,657	4.1	19,995	9,980
With no delinquent land	5,762,324	93.5	5,599,349	91.2	70,507,002	93.5	69,756,592	90.0	.....	.....
With no report on delinquency	41,691	0.7	79,979	1.3	796,476	1.1	783,759	1.0	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	6,164,344	75,374,497	1,286,932	208,127	892,092	43,001	544,303
Enterprises in debt	900,147	11,585,987	1,286,932	208,127	889,946	42,732	371,050
In arrears, amount of arrearage stated	264,169	3,428,983	374,527	208,127	104,966	23,006	89,838
Collecting drainage taxes in 1939	127,628	2,059,933	294,663	134,156	104,966	10,926	89,838
No collections reported	136,541	1,369,050	79,864	73,971	.....	12,080	.....
Not in arrears	635,978	8,157,004	912,405	.....	784,980	19,726	281,212
Collecting drainage taxes in 1939	433,581	5,662,207	746,118	.....	784,980	19,698	281,212
No collections reported	202,397	2,494,797	166,287	.....	.....	28	.....
Enterprises not in debt	5,219,067	63,349,275	.....	.....	2,146	269	172,164
Collecting drainage taxes in 1939	563,847	7,188,513	.....	.....	333	259	172,164
No collections reported	4,655,220	56,160,762	.....	.....	1,813	10	.....
Enterprises not reporting as to debt	45,130	439,235	.....	.....	.....	.....	1,089
Collecting drainage taxes in 1939	16,146	162,669	.....	.....	.....	.....	1,089
No collections reported	28,984	276,566	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	6,164,344	100.0	75,374,497	100.0
Improvement of land already in farms	6,015,756	97.6	73,491,854	97.5
Reclamation of swamp land not previously in farms	63,138	1.0	622,471	0.8
Protection against overflow	85,450	1.4	1,260,172	1.7

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	6,164,344	100.0	7,544,931	1,380,587	75,374,497	100.0
1870-1879	12,675	0.2	32,660	19,985	37,248	(3)
1880-1889	2,105	(3)	15,308	13,203	23,439	(3)
1890-1899	111,563	1.8	151,374	39,811	940,426	1.3
1900-1904	387,570	6.3	640,379	252,809	2,884,343	3.8
1905-1909	1,369,491	22.2	2,000,695	631,204	12,172,162	16.2
1910-1914	1,466,100	23.8	1,726,209	260,109	17,295,313	23.0
1915-1919	1,903,026	30.9	2,030,564	127,538	29,037,165	38.5
1920-1924	653,505	10.6	683,730	30,225	10,502,801	13.9
1925-1929	186,644	3.0	192,347	5,703	2,060,785	2.7
1930-1934	35,203	0.6	35,203	.....	191,135	0.3
1935-1939	36,462	0.5	36,462	.....	229,680	0.3

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	6,164,344	6,045,348	98.1	85,370	33,626	6,115,785	99.2	26,391	22,168	5,945,393	96.4	4,697,259	98,727	500
1870-1879	12,675	12,675	100.0	.....	.....	12,675	100.0	.....	.....	12,545	99.0	10,132	.....	.....
1880-1889	2,105	2,105	100.0	.....	.....	2,105	100.0	.....	.....	2,105	100.0	1,683	.....	.....
1890-1899	111,563	108,082	96.9	2,421	1,060	110,442	99.0	61	1,060	107,723	96.6	85,540	2,119	.....
1900-1904	387,570	385,316	99.4	1,797	457	383,571	99.0	3,542	457	375,748	96.9	294,092	10,322	.....
1905-1909	1,369,491	1,350,200	98.6	14,987	4,304	1,361,353	99.4	5,609	2,529	1,319,487	96.3	1,040,906	21,469	.....
1910-1914	1,466,100	1,447,027	98.7	15,275	3,798	1,458,295	99.5	5,187	2,618	1,415,716	96.6	1,126,362	17,393	500
1915-1919	1,903,026	1,854,817	97.5	37,215	10,994	1,887,082	99.2	5,305	10,639	1,842,275	96.8	1,456,178	24,562	.....
1920-1924	653,505	640,373	98.0	11,040	2,092	650,068	99.5	2,228	1,209	625,013	95.6	494,760	9,162	.....
1925-1929	186,644	182,539	97.8	1,379	2,726	182,740	97.9	1,178	2,726	175,331	94.5	138,928	5,110	.....
1930-1934	35,203	26,947	76.5	991	7,265	31,942	90.7	3,261	.....	32,972	93.6	21,650	7,404	.....
1935-1939	36,462	35,267	96.7	265	930	35,512	97.4	20	930	35,478	97.3	27,028	1,186	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	6,164,344	6,118,637	2,713,505	3,405,132	327,001	0.05	0.12
Gravity drainage only	6,076,728	6,031,021	2,627,083	3,403,938	247,519	0.04	0.09
Open ditches only	1,500,195	1,492,412	436,612	1,055,800	85,160	0.06	0.20
Open ditches and levees	130,689	130,689	95,471	65,218	10,330	0.06	0.11
Tile drains only	2,000,256	1,967,557	738,201	1,229,356	44,321	0.02	0.06
Open ditches and tile drains	2,391,541	2,386,316	1,343,061	1,043,255	106,909	0.04	0.08
Open ditches, tile drains, and levees	24,047	24,047	13,738	10,309	799	0.03	0.06
Pumping for all or part of drainage	87,616	87,616	86,422	1,194	79,482	0.91	0.92
All drainage by pumping	72,422	72,422	72,422	.....	72,456	1.00	1.00
Part pumping and part gravity	15,194	15,194	14,000	1,194	7,026	0.46	0.50

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	6,164,344	100.0	75,374,497	100.0
Method:				
By district forces	3,108,570	50.4	39,700,283	52.7
By contract	2,264,871	37.1	24,694,708	32.7
Work apportioned to landowners	78,915	1.3	1,258,853	1.7
"None," or not reporting	691,982	11.2	9,720,653	12.9
Whether systematic:				
Reporting "yes"	2,639,591	42.8	31,579,318	42.0
Reporting "no"	3,515,019	57.0	43,525,497	57.8
Not reporting	9,734	0.2	159,382	0.2

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	6,164,344	71,019	1.2
Capital invested.....dollars	75,374,497	1,099,049	1.5
Drainage works:			
Open ditches.....miles	5,189.7	51.9	1.0
Tile drains.....miles	12,873.2	285.4	2.2
Levees.....miles	456.8	.....	.....

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	853,956	10,122,592	885.7	1,407.9	71.4
Work Projects Administration	271,783	3,157,455	229.3	576.6	.....
Civilian Conservation Corps	525,871	6,161,585	609.0	632.7	71.4
W.P.A. and C.C.C.	55,668	792,377	47.4	198.1	.....
Other kind or combination	634	11,175	.....	0.5	.....

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	6,164,344	[1]55,178	0.9
Capital invested.....dollars	75,374,497	791,008	1.0
Drainage works:			
Open ditches.....miles	5,189.7	78.5	1.5
Tile drains.....miles	12,873.2	25.8	0.2
Levees.....miles	456.8	65.8	14.4

[1] The land actually dependent upon works of outside agencies for protection is 21,083 acres; which is 38.2 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Adams	Allamakee	Audubon	Black Hawk	Boone	Bremer	Buena Vista
	LAND AREA								
1	Approximate land area.....acres....1940..	35,831,040	272,640	408,960	286,720	362,880	366,720	280,960	366,720
2	Drainage enterprises.....number...1940..	[1] 3,439	4	3	5	6	162	11	98
3	Land in enterprises.....acres....1940..	6,164,344	11,885	9,860	15,020	10,278	135,583	8,129	241,020
4	1930..	6,137,649	11,484	6,197	7,867	17,444	139,853	4,286	251,805
5	1920..	5,224,478	4,797	.....	.....	[2]	90,039	.....	116,826
6	Area of all enterprises, overlapping included.....acres....1940..	7,544,931	11,885	9,860	15,020	10,278	155,162	8,129	382,644
7	Amount of overlapping.....acres....1940..	1,380,587	.....	.....	.....	.....	19,579	.....	141,624
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	6,045,348	11,885	9,344	15,020	10,278	135,583	8,129	241,020
9	1930..	5,846,118	11,484	5,700	7,867	17,444	139,645	4,206	249,005
10	Increase or decrease (-), 1930-1940.....acres.....	199,230	401	3,644	7,153	-7,166	-4,062	3,923	-7,985
11	percent.....	3.4	3.5	63.9	90.9	-41.1	-2.9	93.3	-3.2
12	Land undrained, unfit for any crop.....acres....1940..	33,626	.....	.....	.....	.....	.....	.....	.....
13	1930..	68,371	.....	250	.....	.....	.....	.....	.....
14	Increase or decrease (-), 1930-1940.....acres.....	-34,745	.....	-250	.....	.....	.....	.....	.....
15	percent.....	-50.8	.....	-100.0	.....	.....	.....	.....	.....
16	Land partly drained, for partial crop.....acres....1940..	85,370	.....	516	.....	.....	.....	.....	.....
17	1930..	223,160	.....	247	.....	.....	208	80	2,800
18	Increase or decrease (-), 1930-1940.....acres.....	-137,790	.....	269	.....	.....	-208	-80	-2,800
19	percent.....	-61.7	.....	108.9	.....	.....	-100.0	-100.0	-100.0
20	Improved land.....acres....1940..	6,115,785	11,885	9,303	15,020	10,278	135,583	8,129	241,020
21	1930..	5,961,454	10,734	4,700	7,867	17,444	139,853	4,206	247,405
22	1920..	4,493,407	2,650	.....	.....	[2]	86,089	.....	114,264
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	26,391	.....	557	.....	.....	.....	.....	.....
24	1930..	88,802	750	851	.....	.....	.....	.....	.....
25	1920..	74,652	240	.....	.....	[2]	.....	.....	.....
26	Other unimproved land.....acres....1940..	22,168	.....	.....	.....	.....	.....	.....	.....
27	1930..	87,393	.....	646	.....	.....	.....	80	4,400
28	1920..	656,419	1,907	.....	.....	[2]	3,950	.....	2,562
29	Land in occupied farms.....acres....1940..	5,945,393	11,347	9,315	13,950	9,919	132,358	7,727	232,287
30	1930..	6,105,496	11,484	6,197	7,867	17,444	139,853	4,286	250,205
31	Increase or decrease (-), 1930-1940.....acres.....	-160,103	-137	3,118	6,083	-7,525	-7,495	3,441	-17,918
32	percent.....	-2.6	-1.2	50.3	77.3	-43.1	-5.4	80.3	-7.2
33	Land in planted crops.....acres....1940..	4,697,259	7,115	7,375	9,584	8,163	113,563	7,063	190,999
34	1930..	5,376,805	9,398	4,700	7,440	16,368	127,487	3,968	206,924
35	Increase or decrease (-), 1930-1940.....acres.....	-679,546	-2,283	2,675	2,144	-8,205	-13,924	3,095	-15,925
36	percent.....	-12.6	-24.3	56.9	28.8	-50.1	-10.9	78.0	-7.7
37	Land idle.....acres....1940..	98,727	.....	1,516	.....	.....	.....	.....	.....
38	1930..	78,303	850	1,030	.....	.....	.....	100	.....
39	Increase or decrease (-), 1930-1940.....acres.....	20,424	-850	486	.....	.....	.....	-100	.....
40	percent.....	26.1	-100.0	47.2	.....	.....	.....	-100.0	.....
41	Land available for settlement.....acres....1940..	500	.....	.....	.....	.....	.....	.....	.....
42	1930..	15,104	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-14,604	.....	.....	.....	.....	.....	.....	.....
44	percent.....	-96.7	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	1,500,195	11,885	8,663	15,020	.....	.....	.....	65,450
46	Length of these ditches.....miles.....	2,639.4	21.6	16.5	39.5	.....	.....	.....	83.4
47	Part protected by levees of an outside agency.....acres.....	4,833	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	160,689	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	263.7	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	318.2	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	5,480	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	2,000,256	.....	.....	.....	5,419	86,138	8,129	166,215
53	Length of these tile.....miles.....	78,262	.....	.....	.....	22.0	408.5	20.5	397.2
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	2,391,541	.....	.....	.....	4,859	49,445	.....	9,355
60	Length of these open ditches.....miles.....	2,111.5	.....	.....	.....	1.0	13.3	.....	11.2
61	Length of these tile.....miles.....	5,035.1	.....	.....	.....	25.0	162.7	.....	55.3
62	Part protected by levees of an outside agency.....acres.....	40	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	24,047	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	62.2	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	3.9	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	85.2	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	395	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	87,616	.....	1,194	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	112.9	.....	5.0	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	8.0	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	53.4	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	10,335	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 3,181.
[2] Included in "Other counties."
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Calhoun	Carroll	Cass	Cerro Gordo	Clay	Clinton	Crawford	Dallas	Davis
	LAND AREA									
1	Approximate land area....acres....1940..	366,080	367,360	357,760	368,640	365,440	444,800	458,240	382,080	325,760
2	Drainage enterprises....number...1940..	208	77	8	83	83	19	7	71	9
3	Land in enterprises....acres....1940..	273,767	104,605	27,460	115,589	134,088	77,384	13,272	79,992	23,465
4	1930..	278,293	73,787	24,982	115,331	131,323	46,656	13,098	92,802	22,480
5	1920..	246,559	78,040	(1)	108,300	105,912	68,279	5,500	72,637	7,978
6	Area of all enterprises, overlapping included....acres....1940..	329,255	104,605	27,750	121,134	136,494	78,998	13,624	79,992	23,465
7	Amount of overlapping....acres....1940..	55,488	.....	290	5,545	1,806	1,614	352	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	273,767	104,605	27,460	90,463	134,388	76,949	13,272	79,992	23,465
9	1930..	277,613	73,627	24,982	86,172	130,308	40,503	13,098	92,043	15,930
10	Increase or decrease (-), 1930-1940....acres.....	-3,846	30,978	2,478	4,291	4,380	36,446	174	-12,051	7,535
11	percent.....	-1.4	42.1	9.9	5.0	3.4	90.0	1.3	-13.1	47.3
12	Land undrained, unfit for any crop....acres....1940..	.....	.....	.....	482	.....	.....	.....	.....	.....
13	1930..	.....	130	.....	382	850	1,750	.....	115	2,920
14	Increase or decrease (-), 1930-1940....acres.....	.....	-160	.....	100	-850	-1,750	.....	-115	-2,920
15	percent.....	.....	-100.0	.....	26.2	-100.0	-100.0	.....	-100.0	-100.0
16	Land partly drained, for partial crop....acres....1940..	.....	.....	.....	24,644	.....	435	.....	.....	.....
17	1930..	680	.....	.....	28,777	165	4,403	.....	644	3,630
18	Increase or decrease (-), 1930-1940....acres.....	-680	.....	.....	-4,133	-165	-3,968	.....	-644	-3,630
19	percent.....	-100.0	.....	.....	-14.4	-100.0	-90.1	.....	-100.0	-100.0
20	Improved land....acres....1940..	273,767	104,605	27,460	115,188	134,688	77,284	13,272	79,376	23,465
21	1930..	278,293	73,787	24,982	115,254	131,323	46,656	13,098	91,533	16,710
22	1920..	123,377	72,531	(1)	95,385	103,553	51,910	2,750	69,469	7,658
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	.....	.....	.....	160	.....	.....	.....	616	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	715	3,130
25	1920..	1,015	.....	(1)	13	.....	13,175	550	.....	.....
26	Other unimproved land....acres....1940..	.....	.....	.....	241	.....	100	.....	.....	.....
27	1930..	.....	.....	.....	77	.....	.....	.....	554	2,640
28	1920..	122,167	5,509	(1)	12,902	2,359	3,194	2,200	3,168	320
29	Land in occupied farms....acres....1940..	265,558	101,045	26,443	112,347	130,613	73,706	12,004	77,371	22,287
30	1930..	278,293	73,647	24,982	115,331	131,323	46,656	13,098	92,787	22,480
31	Increase or decrease (-), 1930-1940....acres.....	-12,735	27,398	1,461	-2,984	-710	27,050	-1,094	-15,416	-193
32	percent.....	-4.6	37.2	5.8	-2.6	-0.5	58.0	-8.4	-16.6	-0.8
33	Land in planted crops....acres....1940..	215,101	68,407	18,404	95,645	111,123	51,741	8,859	65,584	11,975
34	1930..	217,840	68,217	24,550	105,373	117,207	43,012	12,605	84,520	16,180
35	Increase or decrease (-), 1930-1940....acres.....	-2,739	190	-6,146	-9,728	-6,084	8,729	-3,746	-18,936	-4,205
36	percent.....	-1.2	0 3	-25.0	-9.2	-5.2	20.3	-29.7	-22.4	-26.0
37	Land idle....acres....1940..	.....	.....	.....	.....	.....	.....	.....	856	.....
38	1930..	.....	180	.....	.....	.....	1,750	.....	25	3,490
39	Increase or decrease (-), 1930-1940....acres.....	.....	-180	.....	.....	.....	-1,750	.....	831	-3,490
40	percent.....	.....	-100.0	.....	.....	.....	-100.0	.....	(2)	-100.0
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres.....	30,573	.....	26,220	.....	12,409	40,700	13,272	8,840	23,465
46	Length of these ditches....miles.....	54.0	.....	53.7	.....	17.0	82.9	35.6	13.8	56.8
47	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres.....	119,686	57,736	.....	74,809	61,565	3,464	.....	53,116	.....
53	Length of these tile....miles.....	392.8	232.8	.....	387.0	252.5	12.4	.....	177.3	.....
54	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres.....	123,508	46,869	1,240	40,780	60,714	33,220	.....	18,036	.....
60	Length of these open ditches....miles.....	111.6	46.8	3.5	16.8	29.8	21.1	.....	13.0	.....
61	Length of these tile....miles.....	90.3	29.0	0.2	158.1	196.3	32.1	.....	23.6	.....
62	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	40	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Decatur	Des Moines	Dickinson	Emmet	Fayette[1]	Floyd	Franklin	Fremont
	LAND AREA									
1	Approximate land area	acres 1940	339,200	261,760	244,480	252,800	465,920	321,920	375,040	327,680
2	Drainage enterprises	number 1940	5	3	73	110	1	26	93	15
3	Land in enterprises	acres 1940	13,277	34,410	114,667	180,636	3,320	37,858	157,043	93,978
4		1930	13,634	38,730	128,129	207,498	3,320	36,975	147,717	96,575
5		1920	.....	53,188	100,317	164,355	.....	15,543	139,852	67,493
6	Area of all enterprises, overlapping included	acres 1940	13,977	34,410	122,847	270,223	3,320	37,858	181,173	102,245
7	Amount of overlapping	acres 1940	700	.....	8,180	89,587	.....	.....	24,130	8,267
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	13,277	33,390	114,667	176,782	3,000	37,858	156,984	93,978
9		1930	13,634	28,125	128,129	206,498	3,000	36,963	146,427	84,331
10	Increase or decrease (-), 1930-1940	acres	-357	5,265	-13,462	-29,716	.....	895	10,557	9,647
11		percent	-2.6	18.7	-10.5	-14.4	.....	2.4	7.2	11.4
12	Land undrained, unfit for any crop	acres 1940	.....	770	.....	2,172	120	.....	.....	.....
13		1930	.....	7,830	.....	.....	120	.....	40	5,230
14	Increase or decrease (-), 1930-1940	acres	.....	-7,060	.....	2,172	.....	.....	-40	-5,230
15		percent	.....	-90.2	.....	.....	.....	.....	-100.0	-100.0
16	Land partly drained, for partial crop	acres 1940	.....	250	.....	1,682	200	.....	59	.....
17		1930	.....	2,775	.....	1,000	200	12	1,250	7,014
18	Increase or decrease (-), 1930-1940	acres	.....	-2,525	.....	682	.....	-12	-1,191	-7,014
19		percent	.....	-91.0	.....	68.2	.....	-100.0	-95.3	-100.0
20	Improved land	acres 1940	13,277	33,925	114,665	179,509	3,320	37,858	157,001	93,978
21		1930	10,899	31,000	128,129	207,498	3,200	36,975	147,717	77,773
22		1920	.....	49,965	98,233	162,624	.....	14,878	132,504	33,829
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	.....	215	2	125	.....	.....	42	.....
24		1930	2,735	4,600	.....	.....	.....	.....	.....	5,196
25		1920	.....	.....	.....	68	.....	.....	.....	3,514
26	Other unimproved land	acres 1940	.....	270	.....	1,002	.....	.....	.....	.....
27		1930	.....	3,130	.....	.....	120	.....	.....	13,606
28		1920	.....	3,223	2,084	1,663	.....	665	7,348	30,150
29	Land in occupied farms	acres 1940	12,825	33,170	110,421	176,761	3,232	36,945	153,219	90,570
30		1930	13,634	33,250	128,129	207,498	3,320	36,975	147,686	96,575
31	Increase or decrease (-), 1930-1940	acres	-809	-80	-17,708	-30,737	-88	-30	5,533	-6,005
32		percent	-5.9	-0.2	-13.8	-14.8	-2.6	-0.1	3.7	-6.2
33	Land in planted crops	acres 1940	6,458	24,395	92,322	131,244	2,612	31,921	127,928	70,735
34		1930	10,240	29,400	117,094	188,779	3,000	32,398	131,654	75,694
35	Increase or decrease (-), 1930-1940	acres	-3,782	-5,005	-24,772	-57,535	-388	-477	-3,726	-4,959
36		percent	-36.9	-17.0	-21.2	-30.5	-12.9	-1.5	-2.8	-6.6
37	Land idle	acres 1940	250	800	2	402	.....	.....	54	.....
38		1930	1,420	8,980	.....	115	120	.....	.....	5,063
39	Increase or decrease (-), 1930-1940	acres	-1,170	-8,180	2	287	-120	.....	54	-5,063
40		percent	-82.4	-91.1	.....	249.6	-100.0	.....	.....	-100.0
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	2,800	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres	.....	-2,800	.....	.....	.....	.....	.....	.....
44		percent	.....	-100.0	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	12,577	.....	6,335	1,470	.....	.....	14,931	80,548
46	Length of these ditches	miles	19.8	.....	8.1	10.4	.....	.....	20.1	135.4
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	700	.....	.....	22,270	.....	.....	.....	13,430
49	Length of these ditches	miles	1.5	.....	.....	18.2	.....	.....	.....	9.9
50	Length of these levees	miles	1.5	.....	.....	2.0	.....	.....	.....	9.2
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	2,300
52	Land drained by tile only	acres	.....	.....	22,870	51,265	3,320	16,221	103,891	.....
53	Length of these tile	miles	.....	.....	102.9	325.5	12.0	76.4	383.0	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	85,462	105,631	.....	21,637	38,221	.....
60	Length of these open ditches	miles	.....	.....	44.0	72.5	.....	2.8	13.7	.....
61	Length of these tile	miles	.....	.....	360.4	283.6	.....	84.3	82.0	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2]	acres	.....	34,410	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	51.0	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	8.0	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	18.5	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	3,800	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison	Howard	Humboldt
	LAND AREA										
1	Approximate land area	acres 1940	364,160	320,640	381,440	369,280	364,800	367,360	443,520	301,440	278,400
2	Drainage enterprises	number 1940	109	8	11	214	100	133	51	4	122
3	Land in enterprises	acres 1940	174,472	8,906	14,990	227,089	277,595	149,378	133,572	6,977	192,700
4		1930	151,464	3,262	14,297	240,781	252,807	152,545	125,038	7,419	183,826
5		1920	139,467	(1)	14,175	238,515	261,498	121,228	68,951	(1)	167,425
6	Area of all enterprises, overlapping included	acres 1940	186,818	8,906	15,950	312,221	326,532	161,330	233,371	6,977	220,192
7	Amount of overlapping	acres 1940	12,346	.....	960	85,135	48,837	31,952	99,799	.....	27,492
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres 1940	174,472	8,906	14,990	224,606	269,624	149,098	133,572	6,977	191,800
9		1930	151,464	3,262	13,646	222,934	205,603	152,338	116,403	7,042	173,748
10	Increase or decrease (-), 1930-1940	acres	23,008	5,644	1,344	1,672	64,221	-3,270	17,169	-65	18,052
11		percent	15.2	173.0	9.8	0.8	31.2	-2.1	14.7	-0.9	10.4
12	Land undrained, unfit for any crop	acres 1940	.....	.....	.....	.....	1,160	.....	.....	.....	200
13		1930	.....	.....	20	3,600	4,469	97	2,260	35	27
14	Increase or decrease (-), 1930-1940	acres	.....	.....	-20	-3,600	-3,309	-97	-2,260	-35	173
15		percent	.....	.....	-100.0	-100.0	-74.0	-100.0	-100.0	-100.0	640.7
16	Land partly drained, for partial crop	acres 1940	.....	.....	.....	2,283	6,711	280	.....	.....	700
17		1930	.....	.....	331	14,247	42,735	80	6,355	342	10,051
18	Increase or decrease (-), 1930-1940	acres	.....	.....	-331	-11,964	-36,024	200	-6,355	-342	-9,351
19		percent	.....	.....	-100.0	-84.0	-84.3	250.0	-100.0	-100.0	-93.0
20	Improved land	acres 1940	174,472	8,906	14,990	226,631	276,535	149,378	133,572	6,977	192,700
21		1930	151,464	3,262	14,297	236,541	240,429	152,423	103,530	7,419	183,759
22		1920	126,870	(1)	10,523	231,858	229,256	117,860	31,492	(1)	176,691
	Unimproved land:										
23	Woodland and cut-over land	acres 1940	.....	.....	.....	380	10	.....	.....	.....	.....
24		1930	.....	.....	.....	3,000	10	.....	3,470	.....	30
25		1920	.....	(1)	.....	.....	731	.....	7,724	(1)	.....
26	Other unimproved land	acres 1940	.....	.....	.....	78	1,150	.....	.....	.....	.....
27		1930	.....	.....	.....	1,240	12,368	122	18,038	.....	27
28		1920	12,617	(1)	3,653	6,657	31,511	3,368	27,735	(1)	10,734
29	Land in occupied farms	acres 1940	169,521	8,367	14,577	221,317	267,719	145,497	133,572	6,833	181,759
30		1930	151,464	3,262	14,297	240,761	252,807	152,540	123,422	7,419	183,619
31	Increase or decrease (-), 1930-1940	acres	18,057	5,105	280	-19,464	14,912	-7,043	10,150	-586	-1,860
32		percent	11.9	156.5	2.0	-8.1	5.9	-4.6	8.2	-7.9	-1.0
33	Land in planted crops	acres 1940	138,329	6,727	11,268	180,892	217,954	100,743	101,739	6,522	131,237
34		1930	136,455	3,141	13,793	218,358	220,547	141,119	87,333	6,626	113,313
35	Increase or decrease (-), 1930-1940	acres	1,874	3,586	-2,525	-37,466	-2,593	-40,376	14,406	-104	17,924
36		percent	1.4	114.2	-18.3	-17.2	-1.2	-28.6	16.5	-1.5	15.8
37	Land idle	acres 1940	.....	.....	.....	1,140	1,582	.....	.....	.....	17,936
38		1930	170	.....	.....	1,551	.....	233	750	331	27
39	Increase or decrease (-), 1930-1940	acres	-170	.....	.....	-411	1,582	-233	-750	-331	17,909
40		percent	-100.0	.....	.....	-26.5	.....	-100.0	-100.0	-100.0	(2)
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	.....	.....	.....	.....	.....	.....	.....	207
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	.....	.....	.....	.....	.....	-207
44		percent	.....	.....	.....	.....	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres	1,880	.....	.....	26,698	6,850	12,782	120,270	.....	35,217
46	Length of these ditches	miles	1.5	.....	.....	49.8	8.4	20.0	221.0	.....	39.0
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	.....	7,252	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	.....	3.6	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	.....	5.0	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	61,549	8,906	11,919	130,503	69,077	81,996	400	2,172	59,371
53	Length of these tile	miles	300.5	27.3	38.4	502.7	252.0	260.5	2.2	10.5	221.2
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	111,043	.....	3,071	69,888	201,768	54,600	5,650	4,805	98,112
60	Length of these open ditches	miles	33.2	.....	0.8	102.9	197.0	21.0	1.3	1.0	113.7
61	Length of these tile	miles	287.9	.....	6.9	103.6	226.3	40.0	10.2	12.3	139.9
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Iowa	Jasper	Jefferson	Johnson	Kossuth	Linn	Louisa	Madison
	LAND AREA									
1	Approximate land area	acres 1940	373,760	471,040	279,040	396,800	626,560	456,320	257,920	361,600
2	Drainage enterprises	number 1940	7	13	3	4	160	7	8	3
3	Land in enterprises	acres 1940	18,254	46,027	8,922	8,278	469,524	4,367	45,468	1,840
4		1930	19,048	49,344	5,200	2,000	505,404	4,370	33,868	500
5		1920	(1)	25,170	.....	(1)	488,297	(1)	52,113	(1)
6	Area of all enterprises, overlapping included	acres 1940	18,474	54,678	8,922	8,278	557,694	4,367	58,080	1,840
7	Amount of overlapping	acres 1940	220	8,651	.....	.....	88,170	.....	12,612	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	17,021	44,313	8,922	8,278	464,455	4,367	32,807	1,840
9		1930	15,248	48,444	4,200	1,880	503,038	3,935	27,847	500
10	Increase or decrease (-), 1930-1940	acres	1,773	-4,131	4,722	6,398	-38,583	432	4,960	1,340
11		percent	11.6	-8.5	112.4	340.3	-7.7	11.0	17.8	268.0
12	Land undrained, unfit for any crop	acres 1940	20	.....	.....	.....	3,512	.....	9,282	.....
13		1930	1,750	900	500	120	1,000	.....	1,430	.....
14	Increase or decrease (-), 1930-1940	acres	-1,730	-900	-500	-120	2,512	.....	7,852	.....
15		percent	-98.8	-100.0	-100.0	-100.0	251.2	.....	549.1	.....
16	Land partly drained, for partial crop	acres 1940	1,213	1,714	.....	.....	1,557	.....	3,379	.....
17		1930	2,050	.....	500	.....	1,366	435	4,611	.....
18	Increase or decrease (-), 1930-1940	acres	-837	1,714	-500	.....	191	-435	-1,232	.....
19		percent	-40.8	.....	-100.0	.....	14.0	-100.0	-26.7	.....
20	Improved land	acres 1940	17,979	44,783	8,922	8,278	466,272	4,367	40,027	1,840
21		1930	16,358	47,487	4,200	1,820	503,684	3,934	29,125	200
22		1920	(1)	23,690	.....	(1)	459,984	(1)	48,572	(1)
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	100	1,244	.....	.....	970	.....	4,741	.....
24		1930	2,600	1,274	1,000	60	.....	.....	4,183	300
25		1920	(1)	232	.....	(1)	38	(1)	.....	(1)
26	Other unimproved land	acres 1940	175	.....	.....	.....	2,282	.....	700	.....
27		1930	90	583	.....	120	1,720	436	580	.....
28		1920	(1)	1,248	.....	(1)	28,275	(1)	3,541	(1)
29	Land in occupied farms	acres 1940	16,292	44,539	8,648	7,880	451,966	4,231	42,255	1,750
30		1930	18,858	48,444	5,200	1,900	505,404	4,370	33,888	500
31	Increase or decrease (-), 1930-1940	acres	-2,566	-3,905	3,448	5,980	-53,438	-139	8,367	1,250
32		percent	-13.6	-8.1	66.3	314.7	-10.6	-3.2	24.7	250.0
33	Land in planted crops	acres 1940	9,508	33,731	6,771	5,885	373,325	3,546	30,490	1,456
34		1930	16,135	46,085	4,000	1,500	455,388	3,932	27,554	200
35	Increase or decrease (-), 1930-1940	acres	-6,627	-12,354	2,771	4,385	-82,063	-386	2,936	1,256
36		percent	-41.1	-25.8	69.3	292.3	-18.0	-9.8	10.6	628.0
37	Land idle	acres 1940	100	1,244	.....	.....	930	.....	9,191	.....
38		1930	1,650	1,109	500	40	.....	.....	3,000	200
39	Increase or decrease (-), 1930-1940	acres	-1,550	135	-500	-40	930	.....	6,191	-200
40		percent	-93.9	12.2	-100.0	-100.0	.....	.....	206.4	-100.0
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	244	.....	100	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres	.....	-244	.....	-100	.....	.....	.....	.....
44		percent	.....	-100.0	.....	-100.0	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	8,911	33,123	8,922	7,227	48,804	.....	2,433	1,840
46	Length of these ditches	miles	12.8	46.4	13.1	15.5	49.8	.....	6.0	4.8
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	8,730	12,904	.....	.....	.....	.....	3,388	.....
49	Length of these ditches	miles	15.2	22.6	.....	.....	.....	.....	32.3	.....
50	Length of these levees	miles	6.0	6.6	.....	.....	.....	.....	21.6	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	613	.....	.....	1,051	93,895	4,367	.....	.....
53	Length of these tile	miles	3.0	.....	.....	2.6	459.3	19.0	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	326,825	.....	12,124	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	305.6	.....	15.0	.....
61	Length of these tile	miles	.....	.....	.....	.....	979.8	.....	6.0	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2]	acres	.....	.....	.....	.....	.....	.....	27,523	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	15.6	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	11.4	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	6,000	.....

[1] Included in "Other counties."

[2] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Mahaska	Marion	Marshall	Mills	Mitchell	Monona	Montgomery	Muscatine	O'Brien
	LAND AREA									
1	Approximate land area....acres....1940..	366,080	363,520	367,360	275,840	298,880	440,960	270,080	280,960	368,000
2	Drainage enterprises....number...1940..	4	3	8	17	6	24	10	12	11
3	Land in enterprises....acres....1940..	16,325	22,620	19,230	52,084	12,937	152,296	23,192	24,932	16,575
4	1930..	13,000	15,827	18,950	78,225	11,967	185,871	22,297	25,167	6,752
5	1920..	16,415	8,707	9,000	55,420	7,875	129,004	6,777	43,922	5,453
6	Area of all enterprises, overlapping included....acres....1940..	16,325	22,620	19,230	64,917	12,937	240,132	23,652	28,082	17,633
7	Amount of overlapping....acres....1940..	.....	.....	.....	12,833	.....	87,836	460	3,150	1,058
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	16,019	22,620	19,230	51,124	12,937	152,296	23,192	24,232	16,575
9	1930..	11,500	12,797	18,559	70,077	10,914	185,111	21,857	24,607	6,752
10	Increase or decrease (-), 1930-1940....acres....	4,519	9,823	671	-18,953	2,023	-32,815	1,335	-375	9,823
11	percent....	39.3	76.8	3.6	-27.0	18.5	-17.7	6.1	-1.5	145.5
12	Land undrained, unfit for any crop....acres....1940..	.....	.....	.....	192	.....	.....	.....	700	.....
13	1930..	1,500	920	23	1,080	222	760	200	560	.....
14	Increase or decrease (-), 1930-1940....acres....	-1,500	-920	-23	-888	-222	-760	-200	140	.....
15	percent....	-100.0	-100.0	-100.0	-82.2	-100.0	-100.0	-100.0	25.0	.....
16	Land partly drained, for partial crop....acres....1940..	306	.....	.....	768	.....	.....	.....	.....	.....
17	1930..	.....	2,110	368	7,068	831	.....	240	.....	.....
18	Increase or decrease (-), 1930-1940....acres....	306	-2,110	-368	-6,300	-831	.....	-240	.....	.....
19	percent....	.....	-100.0	-100.0	-89.1	-100.0	.....	-100.0	.....	.....
20	Improved land....acres....1940..	16,325	22,620	19,230	51,124	12,937	152,296	23,192	24,042	16,575
21	1930..	10,500	10,920	18,850	72,927	11,917	185,111	18,937	23,635	6,752
22	1920..	14,203	8,272	8,730	27,045	6,640	69,751	2,711	40,770	5,453
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	.....	.....	.....	192	.....	.....	.....	190	.....
24	1930..	2,500	2,300	50	2,080	50	.....	3,360	1,532	.....
25	1920..	750	.....	270	5,543	.....	13,433	338	88	.....
26	Other unimproved land....acres....1940..	.....	.....	.....	768	.....	.....	.....	700	.....
27	1930..	.....	1,007	50	3,218	.....	760	.....	.....	.....
28	1920..	1,462	435	.....	22,832	1,235	45,820	3,728	3,064	.....
29	Land in occupied farms....acres....1940..	16,152	22,190	18,150	49,889	12,305	147,673	21,655	22,867	15,903
30	1930..	13,000	15,127	18,950	78,225	11,967	185,161	21,497	25,167	6,752
31	Increase or decrease (-), 1930-1940....acres....	3,152	7,063	-800	-28,336	338	-37,488	158	-2,300	9,151
32	percent....	24.2	46.7	-4.2	-36.2	2.8	-20.2	0.7	-9.1	135.5
33	Land in planted crops....acres....1940..	12,647	16,260	14,564	36,806	9,199	113,328	16,545	15,824	13,804
34	1930..	8,200	9,500	18,220	68,441	11,002	168,070	18,010	21,225	6,250
35	Increase or decrease (-), 1930-1940....acres....	4,447	6,760	-3,656	-31,635	-1,803	-54,742	-1,465	-5,401	7,554
36	percent....	54.2	71.2	-20.1	-46.2	-16.4	-32.6	-8.1	-25.4	120.9
37	Land idle....acres....1940..	.....	.....	.....	700	.....	1,909	.....	125	.....
38	1930..	1,600	4,655	18	2,400	440	760	1,410	532	.....
39	Increase or decrease (-), 1930-1940....acres....	-1,600	-4,655	-18	-1,700	-440	1,149	-1,410	-407	.....
40	percent....	-100.0	-100.0	-100.0	-70.8	-100.0	151.2	-100.0	-76.5	.....
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	300	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	.....	.....	.....	.....	-300	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	15,325	20,620	12,200	39,354	.....	144,226	23,192	14,978	2,360
46	Length of these ditches....miles....	24.3	31.9	14.0	70.2	.....	227.8	52.5	34.7	2.5
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	2,824	.....	2,000	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	2,000	.....	12,730	.....	960	.....	.....	.....
49	Length of these ditches....miles....	.....	3.5	.....	12.4	.....	2.1	.....	.....	.....
50	Length of these levees....miles....	.....	0.5	.....	14.2	.....	0.9	.....	.....	.....
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	.....	.....	3,473	.....	4,445	560	.....	.....	7,715
53	Length of these tile....miles....	.....	.....	9.1	.....	20.3	15.1	.....	.....	22.4
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	1,000	.....	3,557	.....	8,492	.....	.....	.....	6,500
60	Length of these open ditches....miles....	0.5	.....	1.5	.....	2.3	.....	.....	.....	5.2
61	Length of these tile....miles....	4.0	.....	13.3	.....	64.0	.....	.....	.....	9.4
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	6,550	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	17.5	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	0.3	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	10.0	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[1]....acres....	.....	.....	.....	.....	.....	.....	.....	9,954	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	.....	.....	.....	17.3	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	3.0	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie	Poweshiek
	LAND AREA								
1	Approximate land area.....acres....1940..	254,720	342,400	359,040	552,320	371,200	380,160	605,440	376,960
2	Drainage enterprises.....number...1940..	44	16	131	3	95	37	35	4
3	Land in enterprises.....acres....1940..	70,899	47,302	217,539	6,000	281,741	42,344	92,844	10,859
4	1930..	90,248	42,632	227,094	7,300	291,180	34,819	108,312	6,715
5	1920..	63,342	31,412	221,389	.....	265,904	26,019	41,036	.....
6	Area of all enterprises, overlapping included.....acres....1940..	75,888	52,010	235,624	6,000	433,246	49,058	115,907	10,859
7	Amount of overlapping.....acres....1940..	4,989	4,708	18,085	.....	151,505	6,714	23,063	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	70,739	47,302	217,539	6,000	281,556	42,344	86,110	10,170
9	1930..	90,248	38,251	198,407	3,800	291,150	34,819	92,699	3,000
10	Increase or decrease (-), 1930-1940.....acres.....	-19,509	9,051	19,132	2,200	-9,594	7,525	-6,589	7,170
11	percent.....	-21.6	23.7	9.6	57.9	-3.3	21.6	-7.1	239.0
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	.....	185	.....	2,736	.....
13	1930..	.....	4,323	1,110	1,000	30	.....	7,449	.....
14	Increase or decrease (-), 1930-1940.....acres.....	.....	-4,323	-1,110	-1,000	155	.....	-4,713	.....
15	percent.....	.....	-100.0	-100.0	-100.0	516.7	.....	-63.3	.....
16	Land partly drained, for partial crop.....acres....1940..	160	.....	.....	.....	.....	.....	3,998	689
17	1930..	.....	58	27,577	2,500	.....	.....	8,164	3,715
18	Increase or decrease (-), 1930-1940.....acres.....	160	-58	-27,577	-2,500	.....	.....	-4,166	-3,026
19	percent.....	.....	-100.0	-100.0	-100.0	.....	.....	-51.0	-81.4
20	Improved land.....acres....1940..	70,899	47,302	217,539	6,000	281,741	42,344	82,185	10,859
21	1930..	90,248	34,236	219,874	6,300	290,430	34,819	104,302	6,715
22	1920..	60,151	13,990	195,471	.....	263,091	24,275	20,890	.....
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	.....	.....	.....	.....	.....	.....	7,535	.....
24	1930..	.....	8,279	6,600	.....	720	.....	1,200	.....
25	1920..	.....	3,140	1,350	.....	23	.....	4,105	.....
26	Other unimproved land.....acres....1940..	.....	.....	.....	.....	.....	.....	3,124	.....
27	1930..	.....	117	620	1,000	30	.....	2,810	.....
28	1920..	3,191	14,282	24,568	.....	2,790	1,744	16,041	.....
29	Land in occupied farms.....acres....1940..	68,078	45,728	210,829	5,275	273,267	40,634	86,442	10,475
30	1930..	90,248	42,574	226,904	7,300	291,150	34,819	107,712	6,715
31	Increase or decrease (-), 1930-1940.....acres.....	-22,170	3,154	-16,075	-2,025	-17,883	5,815	-21,270	3,760
32	percent.....	-24.6	7.4	-7.1	-27.7	-6.1	16.7	-19.7	56.0
33	Land in planted crops.....acres....1940..	59,780	29,449	175,199	4,257	218,355	32,142	71,842	6,911
34	1930..	80,661	34,202	215,117	4,800	285,105	31,754	94,780	4,500
35	Increase or decrease (-), 1930-1940.....acres.....	-20,881	-4,753	-39,918	-543	-66,750	388	-22,938	2,411
36	percent.....	-25.9	-13.9	-18.6	-11.3	-23.4	1.2	-24.2	53.6
37	Land idle.....acres....1940..	.....	.....	.....	.....	.....	.....	19,618	.....
38	1930..	.....	8,250	1,025	2,100	550	.....	8,760	.....
39	Increase or decrease (-), 1930-1940.....acres.....	.....	-8,250	-1,025	-2,100	-550	.....	10,858	.....
40	percent.....	.....	-100.0	-100.0	-100.0	-100.0	.....	123.9	.....
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	500	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	500	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	11,441	46,382	26,222	6,000	36,486	9,647	30,044	10,859
46	Length of these ditches.....miles.....	28.8	95.2	43.3	8.1	67.5	25.8	60.2	27.6
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	9	.....
48	Land drained by open ditches and own levees.....acres.....	.....	920	.....	.....	.....	16,370	49,922	.....
49	Length of these ditches.....miles.....	.....	2.2	.....	.....	.....	19.5	98.9	.....
50	Length of these levees.....miles.....	.....	0.1	.....	.....	.....	30.8	209.8	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	3,180	.....
52	Land drained by tile only.....acres.....	29,108	.....	52,867	.....	67,707	9,538	.....	.....
53	Length of these tile.....miles.....	146.5	.....	198.2	.....	206.2	38.3	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	30,350	.....	138,450	.....	177,548	6,789	194	.....
60	Length of these open ditches.....miles.....	23.1	.....	113.3	.....	186.6	1.5	0.5	.....
61	Length of these tile.....miles.....	138.7	.....	306.2	.....	277.8	16.3	0.3	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	12,684	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	39.0	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	2.5	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	75.1	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	395	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Ringgold	Sac	Scott[1]	Shelby	Story	Tama	Taylor	Van Buren[1]	Wapello
	LAND AREA									
1	Approximate land area....acres....1940..	344,320	369,920	289,920	375,680	363,520	460,800	337,920	311,680	279,680
2	Drainage enterprises....number...1940..	4	73	2	11	117	3	4	2	4
3	Land in enterprises....acres....1940..	21,725	105,874	2,020	40,215	154,036	2,591	13,925	10,739	7,689
4	1930..	18,634	102,489	1,905	24,902	155,253	2,489	14,799	11,500	965
5	1920..	9,530	98,600	(2)	22,700	143,336	(2)	10,585	5,200	.....
6	Area of all enterprises, overlapping included....acres....1940..	21,725	128,196	2,020	40,215	179,791	2,591	13,925	10,739	7,689
7	Amount of overlapping....acres....1940..	.....	22,322	.....	.....	25,755	.....	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	21,725	105,874	2,020	40,215	152,966	2,541	13,925	10,739	7,689
9	1930..	16,214	101,045	1,815	23,616	152,628	2,355	13,100	11,000	900
10	Increase or decrease (-), 1930-1940....acres.....	5,511	4,829	205	16,599	338	186	825	-261	6,789
11	percent.....	34.0	4.8	11.3	70.3	0.2	7.9	6.3	-2.4	754.3
12	Land undrained, unfit for any crop....acres....1940..	.....	.....	.....	.....	991	.....	.....	.....	.....
13	1930..	557	812	90	1,078	415	75	900	500	.....
14	Increase or decrease (-), 1930-1940....acres.....	-557	-812	-90	-1,078	576	-75	-900	-500	.....
15	percent.....	-100.0	-100.0	-100.0	-100.0	138.8	-100.0	-100.0	-100.0	.....
16	Land partly drained, for partial crop....acres....1940..	.....	.....	.....	.....	79	50	.....	.....	.....
17	1930..	1,863	632	.....	208	2,210	59	799	.....	65
18	Increase or decrease (-), 1930-1940....acres.....	-1,863	-632	.....	-208	-2,131	-9	-799	.....	-65
19	percent.....	-100.0	-100.0	.....	-100.0	-96.4	-15.2	-100.0	.....	-100.0
20	Improved land....acres....1940..	21,595	105,874	2,020	40,215	153,045	2,591	13,925	10,739	7,689
21	1930..	13,974	101,764	1,905	24,582	154,678	2,414	10,500	8,700	900
22	1920..	3,812	53,050	(2)	12,074	135,125	(2)	6,351	5,044	.....
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	130	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	3,355	.....	.....	52	410	50	2,700	1,600	65
25	1920..	953	707	(2)	1,199	1,276	(2)	529	.....	.....
26	Other unimproved land....acres....1940..	.....	.....	.....	.....	991	.....	.....	.....	.....
27	1930..	1,305	725	.....	268	165	25	1,599	1,200	.....
28	1920..	4,765	44,843	(2)	9,427	6,935	(2)	3,705	156	.....
29	Land in occupied farms....acres....1940..	19,797	103,422	1,986	40,080	148,394	2,347	13,650	10,290	7,383
30	1930..	18,634	102,489	1,905	24,902	155,252	2,489	14,799	11,500	965
31	Increase or decrease (-), 1930-1940....acres.....	1,163	933	81	15,178	-6,858	-142	-1,149	-1,210	6,418
32	percent.....	6.2	0.9	4.2	61.0	-4.4	-5.7	-7.8	-10.5	665.1
33	Land in planted crops....acres....1940..	11,015	81,703	1,471	28,497	117,957	1,638	8,468	6,463	4,243
34	1930..	12,483	92,004	1,857	22,592	148,068	2,230	10,500	8,700	900
35	Increase or decrease (-), 1930-1940....acres.....	-1,468	-10,301	-386	5,905	-30,111	-592	-2,032	-2,237	3,343
36	percent.....	-11.8	-11.2	-20.8	26.1	-20.3	-26.5	-19.4	-25.7	371.4
37	Land idle....acres....1940..	407	.....	.....	.....	5,698	.....	950	.....	30
38	1930..	.....	580	.....	200	245	70	.....	500	50
39	Increase or decrease (-), 1930-1940....acres.....	407	-580	.....	-200	5,453	-70	950	-500	-20
40	percent.....	.....	-100.0	.....	-100.0	(3)	-100.0	.....	-100.0	-40.0
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres.....	21,725	10,990	2,020	35,500	11,195	1,687	13,925	10,739	7,689
46	Length of these ditches....miles.....	44.2	12.8	2.5	80.7	30.3	2.0	24.0	24.3	14.1
47	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres.....	.....	46,284	.....	.....	89,661	904	.....	.....	.....
53	Length of these tile....miles.....	.....	147.6	.....	.....	297.6	2.5	.....	.....	.....
54	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres.....	.....	48,600	.....	4,715	53,180	.....	.....	.....	.....
60	Length of these open ditches....miles.....	.....	44.0	.....	7.7	35.9	.....	.....	.....	.....
61	Length of these tile....miles.....	.....	59.4	.....	0.9	105.9	.....	.....	.....	.....
62	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Warren	Washington	Webster	Winnebago	Woodbury	Worth	Wright	Other counties[1]
	LAND AREA								
1	Approximate land area.....acres....1940..	366,080	363,520	459,520	257,280	554,240	256,040	369,280	4,119,080
2	Drainage enterprises.....number...1940..	8	4	249	86	17	57	180	16
3	Land in enterprises.....acres....1940..	42,946	4,064	279,263	137,937	92,620	116,011	256,949	60,376
4	1930..	44,031	4,259	280,083	132,987	102,050	84,652	250,376	58,460
5	1920..	16,497	(2)	267,788	181,023	94,795	92,860	261,167	48,247
6	Area of all enterprises, overlapping included.....acres....1940..	43,626	4,064	383,016	176,797	121,322	135,650	310,088	60,376
7	Amount of overlapping.....acres....1940..	680	.....	103,753	38,860	28,702	19,639	53,139	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	42,946	4,064	279,203	133,072	92,620	91,938	256,949	44,573
9	1930..	40,811	4,059	280,023	128,987	102,050	64,186	250,362	50,127
10	Increase or decrease (-), 1930-1940.....acres.....	2,135	5	-820	4,085	-9,430	27,752	6,587	-5,550
11	percent.....	5.2	0.1	-0.3	3.2	-9.2	43.2	2.6	-11.1
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	60	767	.....	.....	.....	10,277
13	1930..	.....	.....	.....	1,000	.....	4,213	4	3,675
14	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	60	-233	.....	-4,213	-4	6,602
15	percent.....	.....	.....	.....	-23.3	.....	-100.0	-100.0	179.6
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	.....	4,098	.....	24,073	.....	5,526
17	1930..	3,220	200	60	3,000	.....	16,253	10	4,662
18	Increase or decrease (-), 1930-1940.....acres.....	-3,220	-200	-60	1,098	.....	7,820	-10	864
19	percent.....	-100.0	-100.0	-100.0	36.6	.....	48.1	-100.0	18.5
20	Improved land.....acres....1940..	42,946	4,064	279,263	130,345	92,620	116,011	256,949	48,199
21	1930..	36,411	4,139	280,073	132,115	102,050	78,210	250,372	45,216
22	1920..	8,958	(2)	243,386	162,076	51,115	78,210	250,456	43,842
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	.....	.....	.....	7,282	.....	.....	.....	1,900
24	1930..	4,850	120	10	472	.....	4,519	.....	6,424
25	1920..	2,184	(2)	.....	547	10,773	41	.....	103
26	Other unimproved land.....acres....1940..	.....	.....	.....	310	.....	.....	.....	10,277
27	1930..	2,770	.....	.....	400	.....	1,923	4	6,820
28	1920..	5,355	(2)	24,402	18,400	32,907	14,609	10,711	4,302
29	Land in occupied farms.....acres....1940..	42,150	3,662	268,667	132,400	89,612	109,084	249,205	53,609
30	1930..	37,011	4,259	278,897	126,276	102,050	83,852	250,376	55,397
31	Increase or decrease (-), 1930-1940.....acres.....	5,139	-597	-10,230	6,124	-12,438	25,232	-1,171	-1,788
32	percent.....	13.9	-14.0	-3.7	4.8	-12.2	30.1	-0.5	-3.2
33	Land in planted crops.....acres....1940..	31,549	2,420	215,073	95,471	69,360	93,703	206,840	36,037
34	1930..	28,230	3,965	265,596	106,458	94,586	72,116	234,816	42,340
35	Increase or decrease (-), 1930-1940.....acres.....	3,319	-1,545	-50,523	-10,987	-25,226	21,587	-27,976	-6,303
36	percent.....	11.8	-39.0	-19.0	-10.3	-26.7	29.9	-11.9	-14.9
37	Land idle.....acres....1940..	.....	.....	7,921	13,389	.....	.....	.....	11,977
38	1930..	3,000	.....	.....	110	.....	1,914	350	6,100
39	Increase or decrease (-), 1930-1940.....acres.....	-3,000	.....	7,921	13,279	.....	-1,914	-350	5,877
40	percent.....	-100.0	.....	.....	(3)	.....	-100.0	-100.0	96.3
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	4,700	.....	.....	6,673	.....	.....	.....	80
43	Increase or decrease (-), 1930-1940.....acres.....	-4,700	.....	.....	-6,673	.....	.....	.....	-80
44	percent.....	-100.0	.....	.....	-100.0	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	42,946	.....	28,273	21,980	70,982	12,340	45,530	26,020
46	Length of these ditches.....miles.....	73.2	.....	51.1	43.9	134.9	18.8	71.0	40.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	9,113
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	21.8
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	10.0
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	655	116,961	42,407	99	35,580	131,719	910
53	Length of these tile.....miles.....	.....	1.5	496.7	242.8	0.4	253.9	421.3	3.8
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	3,409	134,029	73,550	21,539	63,278	79,700	9,798
60	Length of these open ditches.....miles.....	.....	5.4	205.7	99.1	47.3	48.3	85.0	6.0
61	Length of these tile.....miles.....	.....	5.8	124.4	240.1	7.9	139.1	111.0	14.8
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	4,813	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	5.7	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	1.1	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	0.1	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4].....acres.....	.....	.....	.....	.....	.....	.....	.....	14,535
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	24.0
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	20.5
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	535

[1] Includes Adair, Appanoose, Benton, Buchanan, Butler, Cedar, Dubuque, Jackson, Jones, Lee, and Wayne Counties in 1940; Adair, Appanoose, Buchanan, Butler, Cedar, Dubuque, Jackson, Jones, Lee, and Wayne Counties in 1930; and Appanoose, Black Hawk, Buchanan, Butler, Cass, Cedar, Dubuque, Grundy, Howard, Iowa, Johnson, Lee, Linn, Madison, Scott, Tama, Washington, and Wayne Counties in 1920.

[2] Included in "Other counties."

[3] Percent not shown when more than 1,000.

[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Adams	Allamakee	Audubon	Black Hawk	Boone	Bremer	Buena Vista
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[1] 3,439	4	3	5	6	152	11	98
	Open ditches:								
2	Completed.....miles.....1940..	5,189.7	21.6	21.5	39.5	1.0	13.3	.....	94.5
3	1930..	4,800.0	21.3	19.9	36.0	1.8	16.6	0.3	89.9
4	1920..	3,998.0	16.6	.....	.....	[2]	7.5	.....	96.7
5	Additional length authorized.....miles.....1940..	0.6	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	12,873.2	.....	.....	.....	47.0	571.2	20.5	452.5
7	1930..	13,382.4	.....	.....	.....	77.5	580.4	20.0	581.5
8	1920..	10,384.9	.....	.....	.....	[2]	455.7	.....	395.1
9	Additional length authorized.....miles.....1940..	1.0	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	456.8	.....	.....	.....	.....	.....	.....	.....
11	1930..	113.4	.....	3.0	.....	.....	.....	.....	.....
12	1920..	45.2	.....	.....	.....	[2]	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	3,900	.....	[3]	.....	.....	.....	.....	.....
15	1930..	4,625	.....	25	.....	.....	.....	.....	.....
16	1920..	3,153	.....	.....	.....	[2]	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	824,500	.....	[3]	.....	.....	.....	.....	.....
18	1930..	881,500	.....	1,000	.....	.....	.....	.....	.....
19	1920..	530,800	.....	.....	.....	[2]	.....	.....	.....
20	Land served by pumps.....acres.....1940..	81,754	.....	[3]	.....	.....	.....	.....	.....
21	1930..	84,801	.....	100	.....	.....	.....	.....	.....
22	1920..	134,616	.....	.....	.....	[2]	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	75,374,497	166,098	134,077	234,026	188,793	2,115,391	80,605	1,708,735
26	1930..	77,478,893	160,432	141,561	238,226	455,201	2,161,393	82,796	1,753,024
27	1920..	49,627,304	102,760	.....	.....	[2]	1,516,735	.....	1,485,798
28	Estimated cost when completed.....dollars.....1940..	75,391,497	166,098	134,077	234,026	188,793	2,115,391	80,605	1,708,735
29	1930..	77,690,195	160,432	142,561	238,226	455,201	2,161,393	82,796	1,753,024
30	1920..	54,169,878	102,760	.....	.....	[2]	1,551,773	.....	1,508,798
31	Average cost per acre when completed.....dollars.....1940..	12.23	13.98	13.60	15.58	18.37	15.60	9.92	7.09
32	1930..	12.66	13.97	23.00	30.28	26.09	15.60	19.32	6.96
33	1920..	10.37	21.42	.....	.....	[2]	17.23	.....	21.91
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	14,301,019	166,098	[3]	234,026	.....	.....	.....	123,245
35	Average amount per acre.....dollars..	9.53	13.98	[3]	15.58	.....	.....	.....	1.88
36	Enterprises having open ditches and levees.....dollars..	2,221,362	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	13.82	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	27,646,097	.....	.....	.....	36,217	1,319,649	80,605	1,432,627
39	Average amount per acre.....dollars..	13.82	.....	.....	.....	12.22	15.32	9.92	8.62
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	26,939,319	.....	.....	.....	122,576	795,742	.....	152,863
43	Average amount per acre.....dollars..	12.10	.....	.....	.....	25.23	16.09	.....	16.34
44	Enterprises having ditches, tile, and levees.....dollars..	513,819	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	21.49	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	1,766,881	.....	[3]	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	20.17	.....	[3]	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	79,482	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	10	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	72,512	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	1.10	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	247,519	.....	.....	[3]	.....	1,840	24	.....
53	Enterprises reporting.....number...	1,154	.....	.....	1	.....	59	3	.....
54	Land in these enterprises.....acres....	2,640,993	.....	.....	[3]	.....	62,925	1,330	.....
55	Average cost per acre.....dollars..	0.09	.....	.....	[3]	.....	0.03	0.02	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	129	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	853,956	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	544,303	[3]	[3]	8,643	.....	1,944	.....	.....
59	Enterprises reporting.....number...	353	1	1	3	.....	20	.....	.....
60	Land in these enterprises.....acres....	1,141,202	[3]	[3]	11,860	.....	19,386	.....	.....
61	Average amount collected per acre.....dollars..	0.48	[3]	[3]	0.73	.....	0.10	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	43,001	.....	[3]	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	31	.....	1	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	150,472	.....	[3]	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	28.6	.....	[3]	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,286,932	[3]	[3]	[3]	.....	80	.....	.....
67	Enterprises reporting.....number...	227	1	2	2	.....	4	.....	.....
68	Land in these enterprises.....acres....	900,147	[3]	[3]	[3]	.....	6,184	.....	.....
69	Average indebtedness per acre.....dollars..	1.43	[3]	[3]	[3]	.....	0.01	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	208,127	.....	[3]	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	51	.....	1	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	264,169	.....	[3]	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	0.79	.....	[3]	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	892,092	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	7	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	61,436	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	14.52	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 3,181.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.
[4] Data in lines 46 and 47 are not included in lines 34 to 45.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Calhoun	Carroll	Cass	Cerro Gordo	Clay	Clinton	Crawford	Dallas	Davis
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	208	77	8	88	83	19	7	71	9
	Open ditches:									
2	Completed.....miles.....1940..	155.6	46.8	57.2	16.8	46.8	104.0	35.6	26.8	56.8
3	1930..	183.9	40.5	52.4	35.8	43.1	108.6	33.5	121.3	51.0
4	1920..	191.7	51.9	(1)	37.7	45.7	89.8	12.0	35.9	14.4
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	483.1	261.8	0.2	545.1	448.8	44.5	.....	200.9	.....
7	1930..	508.0	273.6	0.4	539.7	486.9	21.5	.....	246.8	.....
8	1920..	422.5	230.8	(1)	323.1	293.8	29.9	.....	166.2	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	(1)	.....	.....	2.0	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	(1)	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	(1)	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	(1)	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	2,169,492	931,634	443,144	2,502,754	1,642,551	642,035	311,128	984,783	229,415
26	1930..	2,356,536	1,133,545	430,803	2,324,779	1,487,424	664,667	288,164	687,177	261,400
27	1920..	2,042,119	677,815	(1)	1,064,892	879,678	396,500	86,447	746,448	46,887
28	Estimated cost when completed.....dollars.....1940..	2,169,492	931,634	443,144	2,502,754	1,642,551	642,035	311,128	984,783	229,415
29	1930..	2,356,536	1,133,545	430,803	2,324,779	1,487,424	664,667	288,164	689,149	261,400
30	1920..	2,182,582	728,624	(1)	1,809,193	1,024,852	406,500	86,447	807,668	46,887
31	Average cost per acre when completed.....dollars.....1940..	7.92	8.91	16.14	21.65	12.20	8.30	23.44	12.31	9.78
32	1930..	8.47	15.36	17.24	20.16	11.33	14.25	22.00	7.43	11.63
33	1920..	8.85	9.34	(1)	16.71	9.68	5.95	15.72	11.12	5.88
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	271,130	.....	429,466	.....	52,430	325,422	311,128	64,348	229,415
35	Average amount per acre.....dollars..	8.87	.....	16.38	.....	4.22	8.00	23.44	7.28	9.78
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	1,252,998	492,689	.....	1,219,782	840,624	50,871	.....	778,956	.....
39	Average amount per acre.....dollars..	10.47	8.53	.....	16.30	13.65	14.68	.....	14.66	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	645,364	438,945	13,678	1,282,972	749,497	265,742	.....	141,479	.....
43	Average amount per acre.....dollars..	5.22	9.36	11.03	31.46	12.34	8.00	.....	7.84	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars...	10,135	.....	(2)	.....	1,696	(2)	(2)	205	.....
53	Enterprises reporting.....number...	100	.....	1	.....	31	1	2	14	.....
54	Land in these enterprises.....acres....	154,588	.....	(2)	.....	84,008	(2)	(2)	27,840	.....
55	Average cost per acre.....dollars..	0.06	.....	(2)	.....	0.02	(2)	(2)	0.01	.....
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	.....	.....	13	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	71,183	.....	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	3,174	.....	.....	48	912	3,822	.....	.....	1,452
59	Enterprises reporting.....number...	4	.....	.....	3	10	4	.....	.....	3
60	Land in these enterprises.....acres....	1,131	.....	.....	3,424	35,107	22,133	.....	.....	7,133
61	Average amount collected per acre.....dollars..	2.81	.....	.....	0.01	0.02	0.17	.....	.....	0.20
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	(2)	(2)	.....	.....	(2)
67	Enterprises reporting.....number...	.....	.....	.....	.....	1	1	.....	.....	1
68	Land in these enterprises.....acres....	.....	.....	.....	.....	(2)	(2)	.....	.....	(2)
69	Average indebtedness per acre.....dollars..	.....	.....	.....	.....	(2)	(2)	.....	.....	(2)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	(2)	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	1	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	(2)	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	(2)	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Decatur	Des Moines	Dickinson	Emmet	Fayette[1]	Floyd	Franklin	Fremont
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	5	3	73	110	1	26	93	15
	Open ditches:								
2	Completed.....miles.....1940..	21.3	51.0	52.1	101.1	.....	2.8	33.6	145.3
3	1930..	19.1	38.0	15.8	119.6	.....	19.5	47.9	178.3
4	1920..	.....	18.6	76.1	120.5	.....	14.3	51.6	88.4
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	8.0	463.3	609.1	12.0	160.7	465.0	.....
7	1930..	.....	10.5	410.3	620.8	12.0	153.0	469.3	6.0
8	1920..	.....	11.8	410.3	492.9	.....	42.3	423.6	6.0
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	1.5	18.5	.....	2.0	.....	.....	.....	9.2
11	1930..	5.5	30.0	.....	.....	.....	.....	.....	8.0
12	1920..	.....	.....	.....	.....	.....	.....	.....	8.0
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	1,890	.....	.....	.....	.....	.....	.....
15	1930..	.....	2,300	.....	.....	.....	.....	.....	25
16	1920..	.....	600	.....	.....	.....	.....	.....	25
17	Pump capacity.....gal. per min..1940..	.....	390,900	.....	.....	.....	.....	.....	.....
18	1930..	.....	490,000	.....	.....	.....	.....	.....	4,000
19	1920..	.....	74,300	.....	.....	.....	.....	.....	4,000
20	Land served by pumps.....acres.....1940..	.....	34,410	.....	.....	.....	.....	.....	.....
21	1930..	.....	38,250	.....	.....	.....	.....	.....	650
22	1920..	.....	53,188	.....	.....	.....	.....	.....	650
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	118,100	668,587	1,922,320	2,817,118	85,162	736,473	2,149,472	1,160,761
26	1930..	110,294	678,894	1,387,747	3,066,361	85,162	718,755	2,292,203	1,621,427
27	1920..	.....	248,260	1,199,111	1,627,901	.....	230,204	1,784,811	418,940
28	Estimated cost when completed.....dollars.....1940..	118,100	668,587	1,922,320	2,817,118	85,162	736,473	2,149,472	1,160,761
29	1930..	112,889	678,894	1,387,747	3,066,361	85,162	718,755	2,292,203	1,677,427
30	1920..	.....	255,057	1,376,275	1,713,804	.....	230,204	2,020,349	418,940
31	Average cost per acre when completed.....dollars.....1940..	8.90	19.43	16.76	15.60	25.65	19.45	13.69	12.35
32	1930..	8.28	17.53	10.83	14.78	25.65	19.44	15.52	17.37
33	1920..	.....	4.80	13.72	10.43	.....	14.81	14.45	6.21
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	104,600	.....	14,074	67,204	.....	.....	99,451	1,100,518
35	Average amount per acre.....dollars..	8.32	.....	2.22	45.72	.....	.....	6.66	13.66
36	Enterprises having open ditches and levees.....dollars..	13,500	.....	.....	174,650	.....	.....	.....	60,243
37	Average amount per acre.....dollars..	19.28	.....	.....	7.84	.....	.....	.....	4.48
38	Enterprises having tile only.....dollars..	.....	.....	314,028	1,064,637	85,162	311,169	1,447,853	.....
39	Average amount per acre.....dollars..	.....	.....	13.73	20.77	25.65	19.18	13.94	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	1,594,218	1,510,627	.....	425,304	602,168	.....
43	Average amount per acre.....dollars..	.....	.....	18.65	14.30	.....	19.66	15.75	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[2].....dollars..	.....	668,587	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	19.43	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	51,673	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	3	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	34,410	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	1.50	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	(3)	.....	1,491	3,737	.....	1,108	3,652	16,706
53	Enterprises reporting.....number...	2	.....	38	59	.....	14	62	3
54	Land in these enterprises.....acres....	(3)	.....	89,358	152,042	.....	32,846	119,572	41,630
55	Average cost per acre.....dollars..	(3)	.....	0.02	0.02	.....	0.03	0.03	0.40
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	3	24	1	.....	.....	2	1
57	Land in these enterprises.....acres....	.....	34,410	86,432	(3)	.....	.....	(3)	(3)
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	3,540	39,302	989	5,014	.....	(3)	.....	20,443
59	Enterprises reporting.....number...	3	3	10	10	.....	2	.....	6
60	Land in these enterprises.....acres....	9,116	34,410	34,637	13,246	.....	(3)	.....	44,722
61	Average amount collected per acre.....dollars..	0.39	1.14	0.03	0.38	.....	(3)	.....	0.46
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	92	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	3	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	3,190	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	2.9	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	(3)	51,403	.....	.....	.....	.....	.....	(3)
67	Enterprises reporting.....number...	2	3	.....	.....	.....	.....	.....	1
68	Land in these enterprises.....acres....	(3)	34,410	.....	.....	.....	.....	.....	(3)
69	Average indebtedness per acre.....dollars..	(3)	1.49	.....	.....	.....	.....	.....	(3)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....	(3)
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	1
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	(3)
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	(3)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Data in lines 46 and 47 are not included in lines 34 to 45.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison	Howard	Humboldt
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	109	8	11	214	100	133	51	4	122
	Open ditches:									
2	Completed.....miles.....1940..	34.7	.....	0.8	152.7	205.4	41.0	225.9	1.0	152.7
3	1930..	27.8	.....	3.1	121.1	198.0	41.4	123.8	0.8	123.4
4	1920..	24.2	(1)	0.7	171.5	226.9	52.5	113.7	(1)	153.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	588.4	27.3	45.3	606.3	478.3	300.5	12.4	22.8	361.1
7	1930..	601.5	13.9	41.6	690.6	594.5	387.0	8.0	23.5	367.5
8	1920..	482.5	(1)	34.3	504.4	431.2	284.9	16.4	(1)	311.6
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	5.0	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	(1)	.....	.....	.....	.....	0.3	(1)	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	(1)	.....	.....	.....	.....	.....	(1)	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	(1)	.....	.....	.....	.....	.....	(1)	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	(1)	.....	.....	.....	.....	.....	(1)	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	2,595,475	69,406	219,540	2,970,997	2,867,560	1,303,101	1,152,238	97,678	1,911,470
26	1930..	2,258,770	27,616	218,443	3,111,856	3,407,366	1,559,358	1,070,681	117,566	2,167,197
27	1920..	1,749,554	(1)	146,744	2,341,671	2,355,636	931,232	693,221	(1)	1,437,381
28	Estimated cost when completed.....dollars.....1940..	2,595,475	69,406	219,540	2,970,997	2,867,560	1,303,101	1,152,238	97,678	1,911,470
29	1930..	2,258,770	27,616	218,443	3,111,856	3,420,366	1,559,358	1,070,681	117,566	2,167,197
30	1920..	2,018,172	(1)	183,245	2,460,514	2,734,297	950,141	693,221	(1)	1,437,527
31	Average cost per acre when completed.....dollars.....1940..	14.88	7.79	14.64	13.08	10.33	8.72	8.63	14.00	9.92
32	1930..	14.91	8.47	15.28	12.92	13.53	10.22	8.56	15.85	11.79
33	1920..	14.47	(1)	12.93	10.32	10.46	7.84	10.35	(1)	7.67
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	2,728	.....	.....	213,502	12,390	54,250	1,029,619	.....	167,809
35	Average amount per acre.....dollars..	1.45	.....	.....	8.00	1.81	4.24	8.56	.....	4.76
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	69,622	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	9.60	.....	.....
38	Enterprises having tile only.....dollars..	1,064,495	69,406	193,099	1,927,594	1,114,944	825,112	6,407	55,970	724,368
39	Average amount per acre.....dollars..	17.30	7.79	16.20	14.77	16.14	10.06	16.02	25.77	12.20
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	1,528,252	.....	26,441	829,901	1,740,226	423,739	46,590	41,708	1,019,293
43	Average amount per acre.....dollars..	13.76	.....	8.61	11.87	8.62	7.76	8.25	8.68	10.39
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	(2)	1,086	14,520	34,506	2,518	.....	.....	13,444
53	Enterprises reporting.....number...	.....	2	5	81	60	18	.....	.....	65
54	Land in these enterprises.....acres....	.....	(2)	11,418	107,871	253,486	54,665	.....	.....	159,354
55	Average cost per acre.....dollars..	.....	(2)	0.10	0.13	0.14	0.05	.....	.....	0.08
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	.....	3	3	.....	.....	.....	8
57	Land in these enterprises.....acres....	.....	.....	.....	10,524	95,426	.....	.....	.....	67,293
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	.....	(2)	136	(2)	.....	.....	82,395	.....	59,033
59	Enterprises reporting.....number...	.....	1	4	1	.....	.....	30	.....	19
60	Land in these enterprises.....acres....	.....	(2)	9,367	(2)	.....	.....	102,297	.....	81,976
61	Average amount collected per acre.....dollars..	.....	(2)	0.01	(2)	.....	.....	0.80	.....	0.72
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	(2)	.....	.....	5,161	.....	(2)
63	Enterprises reporting.....number...	.....	.....	.....	2	.....	.....	16	.....	2
64	Land in these enterprises.....acres....	.....	.....	.....	(2)	.....	.....	82,470	.....	(2)
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	(2)	.....	.....	6.2	.....	(2)
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	(2)	1,873	(2)	.....	166,772	.....	30,426
67	Enterprises reporting.....number...	.....	.....	1	3	1	.....	37	.....	4
68	Land in these enterprises.....acres....	.....	.....	(2)	5,123	(2)	.....	111,055	.....	16,171
69	Average indebtedness per acre.....dollars..	.....	.....	(2)	0.36	(2)	.....	1.50	.....	1.88
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	(2)	.....	.....	4,613	.....	(2)
71	Enterprises reporting.....number...	.....	.....	.....	2	.....	.....	3	.....	1
72	Land in these enterprises.....acres....	.....	.....	.....	(2)	.....	.....	19,002	.....	(2)
73	Average arrearage per acre.....dollars..	.....	.....	.....	(2)	.....	.....	0.24	.....	(2)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Iowa	Jasper	Jefferson	Johnson	Kossuth	Linn	Louisa	Madison
	DRAINAGE WORKS									
1	Drainage enterprises	1940	7	13	3	4	160	7	8	3
	Open ditches:									
2	Completed, miles	1940	28.0	69.0	13.1	15.5	355.4	.....	68.9	4.8
3		1930	35.5	67.4	9.3	.....	337.3	.....	65.2	1.5
4		1920	(1)	27.7	.....	(1)	31[illegible].2	(1)	28.0	(1)
5	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed, miles	1940	3.0	.....	.....	2.6	1,439.1	19.0	6.0	.....
7		1930	7.0	.....	.....	5.2	1,506.2	19.9	16.3	.....
8		1920	(1)	.....	.....	(1)	1,343.1	(1)	4.1	(1)
9	Additional length authorized, miles	1940	.....	.....	.....	.....	1.0	.....	.....	.....
	Levees and dikes:									
10	Completed, miles	1940	6.0	6.6	.....	.....	.....	.....	33.0	.....
11		1930	2.0	.....	.....	.....	.....	.....	18.1	1.5
12		1920	(1)	.....	.....	(1)	.....	(1)	3.8	(1)
13	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity, horsepower	1940	.....	.....	.....	.....	.....	.....	1,450	.....
15		1930	.....	.....	.....	.....	.....	.....	1,650	.....
16		1920	(1)	.....	.....	(1)	.....	(1)	1,900	(1)
17	Pump capacity, gal. per min.	1940	.....	.....	.....	.....	.....	.....	338,000	.....
18		1930	.....	.....	.....	.....	.....	.....	290,000	.....
19		1920	(1)	.....	.....	(1)	.....	(1)	337,500	(1)
20	Land served by pumps, acres	1940	.....	.....	.....	.....	.....	.....	27,523	.....
21		1930	.....	.....	.....	.....	.....	.....	27,881	.....
22		1920	(1)	.....	.....	(1)	.....	(1)	34,757	(1)
23	Wells pumped for drainage, number	1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1, dollars	1940	336,444	400,476	101,411	33,667	7,071,326	60,724	521,297	32,664
26		1930	375,626	385,150	76,250	11,816	7,566,146	60,769	613,565	5,597
27		1920	(1)	142,635	.....	(1)	5,738,533	(1)	366,461	(1)
28	Estimated cost when completed, dollars	1940	336,444	400,476	101,411	33,667	7,031,326	60,724	521,297	32,664
29		1930	375,626	385,150	77,250	11,816	7,566,146	60,769	613,565	5,597
30		1920	(1)	142,635	.....	(1)	6,220,759	(1)	366,461	(1)
31	Average cost per acre when completed, dollars	1940	18.43	8.70	11.37	4.07	15.08	13.90	11.46	17.75
32		1930	19.72	7.81	14.86	5.91	14.97	13.91	18.11	11.19
33		1920	(1)	5.67	.....	(1)	12.74	(1)	7.03	(1)
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only, dollars		139,380	304,765	101,411	26,060	299,845	.....	15,185	32,664
35	Average amount per acre, dollars		15.64	9.20	11.37	3.60	6.14	.....	6.24	17.75
36	Enterprises having open ditches and levees, dollars		189,372	95,711	.....	.....	.....	.....	119,295	.....
37	Average amount per acre, dollars		21.69	7.42	.....	.....	.....	.....	35.21	.....
38	Enterprises having tile only, dollars		7,692	.....	.....	7,607	1,639,239	60,724	.....	.....
39	Average amount per acre, dollars		12.55	.....	.....	7.24	17.46	13.90	.....	.....
40	Enterprises having tile and levees, dollars		.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile, dollars		.....	.....	.....	.....	5,142,242	.....	70,950	.....
43	Average amount per acre, dollars		.....	.....	.....	.....	15.73	.....	5.85	.....
44	Enterprises having ditches, tile, and levees, dollars		.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[2], dollars		.....	.....	.....	.....	.....	.....	315,867	.....
47	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	11.48	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants, dollars		.....	.....	.....	.....	.....	.....	15,695	.....
49	Enterprises reporting, number		.....	.....	.....	.....	.....	.....	3	.....
50	Land in these enterprises, acres		.....	.....	.....	.....	.....	.....	14,911	.....
51	Average cost per acre, dollars		.....	.....	.....	.....	.....	.....	1.05	.....
52	By enterprises not operating pumping plants, dollars		(3)	.....	.....	.....	(3)	483	1,430	.....
53	Enterprises reporting, number		2	.....	.....	.....	1	3	4	.....
54	Land in these enterprises, acres		(3)	.....	.....	.....	(3)	1,924	28,124	.....
55	Average cost per acre, dollars		(3)	.....	.....	.....	(3)	0.25	0.05	.....
	Federal aid in maintenance:									
56	Enterprises reporting, number		.....	.....	.....	.....	24	.....	7	.....
57	Land in these enterprises, acres		.....	.....	.....	.....	249,655	.....	43,947	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939, dollars		.....	.....	3,902	.....	29,592	.....	26,309	.....
59	Enterprises reporting, number		.....	.....	3	.....	20	.....	7	.....
60	Land in these enterprises, acres		.....	.....	8,922	.....	103,736	.....	43,035	.....
61	Average amount collected per acre, dollars		.....	.....	0.44	.....	0.28	.....	0.61	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939, acres		.....	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting, number		.....	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises, acres		.....	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises, percent		.....	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939, dollars		(3)	(3)	(3)	.....	5,795	.....	105,831	.....
67	Enterprises reporting, number		1	2	1	.....	3	.....	6	.....
68	Land in these enterprises, acres		(3)	(3)	(3)	.....	6,472	.....	30,911	.....
69	Average indebtedness per acre, dollars		(3)	(3)	(3)	.....	0.90	.....	3.42	.....
70	Indebtedness in arrears, Dec. 31, 1939, dollars		.....	.....	.....	.....	(3)	.....	.....	.....
71	Enterprises reporting, number		.....	.....	.....	.....	1	.....	.....	.....
72	Land in these enterprises, acres		.....	.....	.....	.....	(3)	.....	.....	.....
73	Average arrearage per acre, dollars		.....	.....	.....	.....	(3)	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940, dollars		.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting, number		.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises, acres		.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre, dollars		.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Data in lines 46 and 47 are not included in lines 34 to 45.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Mahaska	Marion	Marshall	Mills	Mitchell	Monona	Montgomery	Muscatine	O'Brien
	DRAINAGE WORKS										
1	Drainage enterprises	1940	4	3	8	17	6	24	10	12	11
	Open ditches:										
2	Completed—miles	1940	24.8	35.4	15.5	82.6	2.3	247.4	52.5	52.0	7.7
3		1930	32.0	12.2	16.7	72.5	1.9	132.5	50.0	50.0	2.5
4		1920	6.9	8.3	9.3	58.6	1.9	196.5	9.6	42.8	2.5
5	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	0.6	.....	.....	.....
	Tile drains:										
6	Completed—miles	1940	4.0	.....	22.4	.....	84.3	15.4	.....	.....	31.8
7		1930	5.0	.....	22.5	.....	62.2	.....	.....	2.0	22.0
8		1920	3.8	.....	.....	.....	23.7	33.8	.....	.....	11.8
9	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed—miles	1940	.....	0.5	.....	14.2	.....	10.9	.....	3.0	.....
11		1930	3.0	.....	.....	.....	.....	.....	.....	4.0	.....
12		1920	.....	.....	.....	.....	.....	8.3	.....	.....	.....
13	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity—horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	28	.....	.....	.....
17	Pump capacity—gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	15,000	.....	.....	.....
20	Land served by pumps—acres	1940	.....	.....	.....	.....	.....	.....	.....	(1)	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	8,655	.....
22		1920	.....	.....	.....	.....	.....	800	.....	29,440	.....
23	Wells pumped for drainage—number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1—dollars	1940	194,620	170,775	276,116	452,588	329,562	1,637,043	346,518	241,986	157,694
26		1930	280,000	70,584	276,116	556,401	263,671	1,269,565	369,993	383,684	70,294
27		1920	88,175	44,151	200,000	392,201	85,499	1,551,571	88,613	201,939	51,558
28	Estimated cost when completed—dollars	1940	194,620	170,775	276,116	452,588	329,562	1,644,043	346,518	241,986	157,694
29		1930	280,000	156,319	276,116	556,401	263,671	1,269,565	369,993	433,684	70,294
30		1920	190,542	44,151	260,000	392,201	96,620	1,551,571	88,613	201,939	51,558
31	Average cost per acre when completed—dollars	1940	11.92	7.55	14.36	8.69	25.47	10.80	14.94	9.70	9.51
32		1930	21.54	9.88	14.57	7.11	22.03	6.83	16.59	17.23	10.41
33		1920	11.61	5.07	28.89	7.08	12.27	12.03	13.08	4.60	9.45
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only—dollars		174,721	150,034	192,850	410,282	.....	1,372,852	346,518	105,326	9,505
35	Average amount per acre—dollars		11.40	7.28	15.81	10.42	.....	9.52	14.94	7.03	4.03
36	Enterprises having open ditches and levees—dollars		.....	20,741	.....	42,306	.....	4,981	.....	.....	.....
37	Average amount per acre—dollars		.....	10.37	.....	3.32	.....	5.19	.....	.....	.....
38	Enterprises having tile only—dollars		.....	.....	41,780	.....	113,330	36,810	.....	.....	61,716
39	Average amount per acre—dollars		.....	.....	12.03	.....	25.50	65.73	.....	.....	10.59
40	Enterprises having tile and levees—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile—dollars		19,899	.....	41,486	.....	216,232	.....	.....	.....	66,473
43	Average amount per acre—dollars		19.90	.....	11.66	.....	25.46	.....	.....	.....	10.23
44	Enterprises having ditches, tile, and levees—dollars		.....	.....	.....	.....	.....	229,400	.....	.....	.....
45	Average amount per acre—dollars		.....	.....	.....	.....	.....	35.02	.....	.....	.....
46	Enterprises operating pumping plants[2]—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
47	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
49	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	2	.....
50	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	(1)	.....
51	Average cost per acre—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
52	By enterprises not operating pumping plants—dollars		.....	.....	.....	3,454	(1)	20,155	.....	226	.....
53	Enterprises reporting—number		.....	.....	.....	3	2	20	.....	6	.....
54	Land in these enterprises—acres		.....	.....	.....	15,554	(1)	97,251	.....	13,579	.....
55	Average cost per acre—dollars		.....	.....	.....	0.22	(1)	0.21	.....	0.02	.....
	Federal aid in maintenance:										
56	Enterprises reporting—number		.....	.....	.....	.....	.....	5	.....	1	.....
57	Land in these enterprises—acres		.....	.....	.....	.....	.....	15,075	.....	(1)	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939—dollars		.....	(1)	.....	12,847	5,076	22,410	.....	10,231	(1)
59	Enterprises reporting—number		.....	2	.....	8	4	5	.....	8	1
60	Land in these enterprises—acres		.....	(1)	.....	29,264	11,797	35,414	.....	22,516	(1)
61	Average amount collected per acre—dollars		.....	(1)	.....	0.44	0.43	0.63	.....	0.45	(1)
62	Area delinquent in drainage taxes, Dec. 31, 1939—acres		.....	.....	.....	.....	.....	(1)	.....	.....	.....
63	Enterprises reporting—number		.....	.....	.....	.....	.....	1	.....	.....	.....
64	Land in these enterprises—acres		.....	.....	.....	.....	.....	(1)	.....	.....	.....
65	Portion delinquent in these enterprises—percent		.....	.....	.....	.....	.....	(1)	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939—dollars		.....	(1)	.....	(1)	(1)	(1)	.....	32,291	.....
67	Enterprises reporting—number		.....	1	.....	1	2	2	.....	4	.....
68	Land in these enterprises—acres		.....	(1)	.....	(1)	(1)	(1)	.....	17,483	.....
69	Average indebtedness per acre—dollars		.....	(1)	.....	(1)	(1)	(1)	.....	1.85	.....
70	Indebtedness in arrears, Dec. 31, 1939—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
71	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	1	.....
72	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	(1)	.....
73	Average arrearage per acre—dollars		.....	.....	.....	.....	.....	.....	.....	(1)	.....
74	Reduction of debt by refinancing, prior to 1940—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting—number		.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre—dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.
[2] Data in lines 46 and 47 are not included in lines 34 to 45.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Osceola	Page	Palo Alto	Plymouth	Pocahontas	Polk	Pottawattamie	Poweshiek
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	44	16	131	3	95	37	35	4
	Open ditches:									
2	Completed	miles 1940	51.9	97.4	156.6	8.1	254.1	46.8	198.6	27.6
3		1930	41.6	132.1	152.2	19.0	221.2	30.9	171.6	14.2
4		1920	45.4	53.0	130.4	.....	209.1	16.0	81.0	.....
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	285.2	.....	504.4	.....	484.0	54.6	2.8	.....
7		1930	263.3	.....	472.4	.....	462.0	51.2	3.0	.....
8		1920	179.4	.....	442.0	.....	400.0	30.5	4.1	.....
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	0.1	.....	.....	.....	30.8	284.9	.....
11		1930	.....	2.3	.....	.....	.....	.....	6.1	.....
12		1920	.....	.....	.....	.....	.....	0.4	3.0	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	1,098,093	570,219	1,911,382	79,318	2,939,855	820,442	1,401,865	230,201
26		1930	806,919	552,046	2,216,842	54,800	3,123,424	570,743	1,560,196	197,500
27		1920	543,945	292,364	1,547,570	.....	2,041,778	203,507	592,302	.....
28	Estimated cost when completed	dollars 1940	1,098,093	570,219	1,911,382	79,318	2,939,855	820,442	1,401,865	230,201
29		1930	806,919	552,046	2,216,842	54,800	3,123,424	570,743	1,560,196	197,500
30		1920	722,847	292,364	1,649,640	.....	2,041,778	473,596	592,302	.....
31	Average cost per acre when completed	dollars 1940	15.49	12.05	8.79	13.22	10.43	19.38	15.10	21.20
32		1930	8.94	12.95	9.76	7.51	10.73	16.39	14.40	29.41
33		1920	11.41	9.31	7.45	.....	7.68	18.20	14.43	.....
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	64,721	559,856	236,043	79,318	266,201	101,098	429,419	230,201
35	Average amount per acre	dollars	5.66	12.07	9.00	13.22	7.30	10.48	14.29	21.20
36	Enterprises having open ditches and levees	dollars	.....	10,363	.....	.....	.....	414,019	693,905	.....
37	Average amount per acre	dollars	.....	11.26	.....	.....	.....	25.29	13.90	.....
38	Enterprises having tile only	dollars	491,368	.....	505,123	.....	845,093	186,340	.....	.....
39	Average amount per acre	dollars	16.88	.....	9.56	.....	12.48	19.54	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	542,004	.....	1,170,216	.....	1,828,561	118,985	1,620	.....
43	Average amount per acre	dollars	17.86	.....	8.45	.....	10.30	17.53	8.35	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	276,921	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	21.83	.....
46	Enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	981	14,281	21,843	.....	1,967	.....	6,823	.....
53	Enterprises reporting	number	23	9	66	.....	23	.....	16	.....
54	Land in these enterprises	acres	48,101	30,577	174,744	.....	105,102	.....	54,694	.....
55	Average cost per acre	dollars	0.02	0.47	0.12	.....	0.02	.....	0.12	.....
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	1	.....
57	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	(1)	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	8,809	2,358	.....	.....	6,611	16,887	34,160	.....
59	Enterprises reporting	number	7	3	.....	.....	23	21	11	.....
60	Land in these enterprises	acres	20,521	2,312	.....	.....	52,631	29,593	38,421	.....
61	Average amount collected per acre	dollars	0.43	1.02	.....	.....	0.12	0.57	0.89	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	(1)	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting	number	1	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises	acres	(1)	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises	percent	(1)	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars	(1)	6,151	.....	.....	49,117	43,677	50,265	.....
67	Enterprises reporting	number	2	3	.....	.....	28	9	16	.....
68	Land in these enterprises	acres	(1)	7,860	.....	.....	153,751	18,815	47,477	.....
69	Average indebtedness per acre	dollars	(1)	0.78	.....	.....	0.32	2.32	1.06	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars	(1)	.....	.....	.....	48,887	.....	44,421	.....
71	Enterprises reporting	number	1	.....	.....	.....	24	.....	11	.....
72	Land in these enterprises	acres	(1)	.....	.....	.....	124,934	.....	38,814	.....
73	Average arrearage per acre	dollars	(1)	.....	.....	.....	0.39	.....	1.14	.....
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	.....	(1)	(1)	.....	.....
75	Enterprises reporting	number	.....	.....	.....	.....	2	1	.....	.....
76	Land in these enterprises	acres	.....	.....	.....	.....	(1)	(1)	.....	.....
77	Average reduction per acre	dollars	.....	.....	.....	.....	(1)	(1)	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Ringgold	Sac	Scott[1]	Shelby	Story	Tama	Taylor	Van Buren[1]	Wapello
	DRAINAGE WORKS											
1	Drainage enterprises	number	1940	4	73	2	11	117	3	4	2	4
	Open ditches:											
2	Completed	miles	1940	44.2	56.8	2.5	88.4	66.2	2.0	24.0	24.3	14.1
3			1930	40.2	54.1	2.4	32.4	60.5	1.5	23.8	59.0	5.7
4			1920	18.4	47.3	(2)	50.9	53.2	(2)	17.1	16.2	.....
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed	miles	1940	.....	207.0	.....	0.9	403.5	2.5	.....	.....	.....
7			1930	.....	242.2	.....	24.9	382.2	10.8	.....	.....	.....
8			1920	.....	190.1	(2)	0.4	324.0	(2)	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	0.5	.....	.....	.....
12			1920	.....	.....	(2)	.....	.....	(2)	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	(2)	.....	.....	(2)	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	(2)	.....	.....	(2)	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	(2)	.....	.....	(2)	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	316,296	1,133,785	19,595	668,135	1,720,595	19,512	173,251	99,498	96,904
26			1930	293,170	969,098	26,136	371,633	1,659,260	20,366	208,464	100,840	49,750
27			1920	125,000	989,898	(2)	240,971	1,339,365	(2)	82,196	47,169	.....
28	Estimated cost when completed	dollars	1940	316,296	1,133,785	19,595	668,135	1,720,595	19,512	173,251	99,498	96,904
29			1930	293,170	969,098	26,136	371,633	1,659,260	20,366	208,464	100,840	49,750
30			1920	125,000	1,008,267	(2)	240,971	1,358,036	(2)	82,196	47,169	.....
31	Average cost per acre when completed	dollars	1940	14.56	10.71	9.70	16.61	11.17	7.53	12.44	9.26	12.60
32			1930	15.73	9.46	13.72	14.92	10.69	8.18	14.09	8.77	51.55
33			1920	13.12	10.23	(2)	10.62	9.47	(2)	7.77	9.07	.....
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		316,296	97,689	19,595	640,409	64,720	8,791	173,251	99,498	96,904
35	Average amount per acre	dollars		14.56	8.89	9.70	18.04	5.78	5.21	12.44	9.26	12.60
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	537,716	.....	.....	1,047,614	10,721	.....	.....	.....
39	Average amount per acre	dollars		.....	11.62	.....	.....	11.68	11.86	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	498,380	.....	27,726	608,261	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	10.25	.....	5.88	11.44	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		.....	2,469	.....	(3)	2,700	(3)	.....	.....	.....
53	Enterprises reporting	number		.....	25	.....	1	80	1	.....	.....	.....
54	Land in these enterprises	acres		.....	27,802	.....	(3)	126,317	(3)	.....	.....	.....
55	Average cost per acre	dollars		.....	0.09	.....	(3)	0.02	(3)	.....	.....	.....
	Federal aid in maintenance:											
56	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		(3)	.....	.....	(3)	9,493	.....	(3)	1,302	.....
59	Enterprises reporting	number		2	.....	.....	1	11	.....	1	1	.....
60	Land in these enterprises	acres		(3)	.....	.....	(3)	14,340	.....	(3)	8,161	.....
61	Average amount collected per acre	dollars		(3)	.....	.....	(3)	0.66	.....	(3)	0.16	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		.....	.....	.....	.....	(3)	.....	(3)	.....	.....
63	Enterprises reporting	number		.....	.....	.....	.....	1	.....	1	1	.....
64	Land in these enterprises	acres		.....	.....	.....	.....	(3)	.....	(3)	.....	.....
65	Portion delinquent in these enterprises	percent		.....	.....	.....	.....	(3)	.....	(3)	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars		(3)	.....	.....	.....	.....	.....	(3)	7,500	.....
67	Enterprises reporting	number		2	.....	.....	.....	.....	.....	1	1	.....
68	Land in these enterprises	acres		(3)	.....	.....	.....	.....	.....	(3)	8,161	.....
69	Average indebtedness per acre	dollars		(3)	.....	.....	.....	.....	.....	(3)	0.92	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....	.....	.....	.....	(3)	.....	.....
71	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	1	1	.....
72	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	(3)	.....	.....
73	Average arrearage per acre	dollars		.....	.....	.....	.....	.....	.....	(3)	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

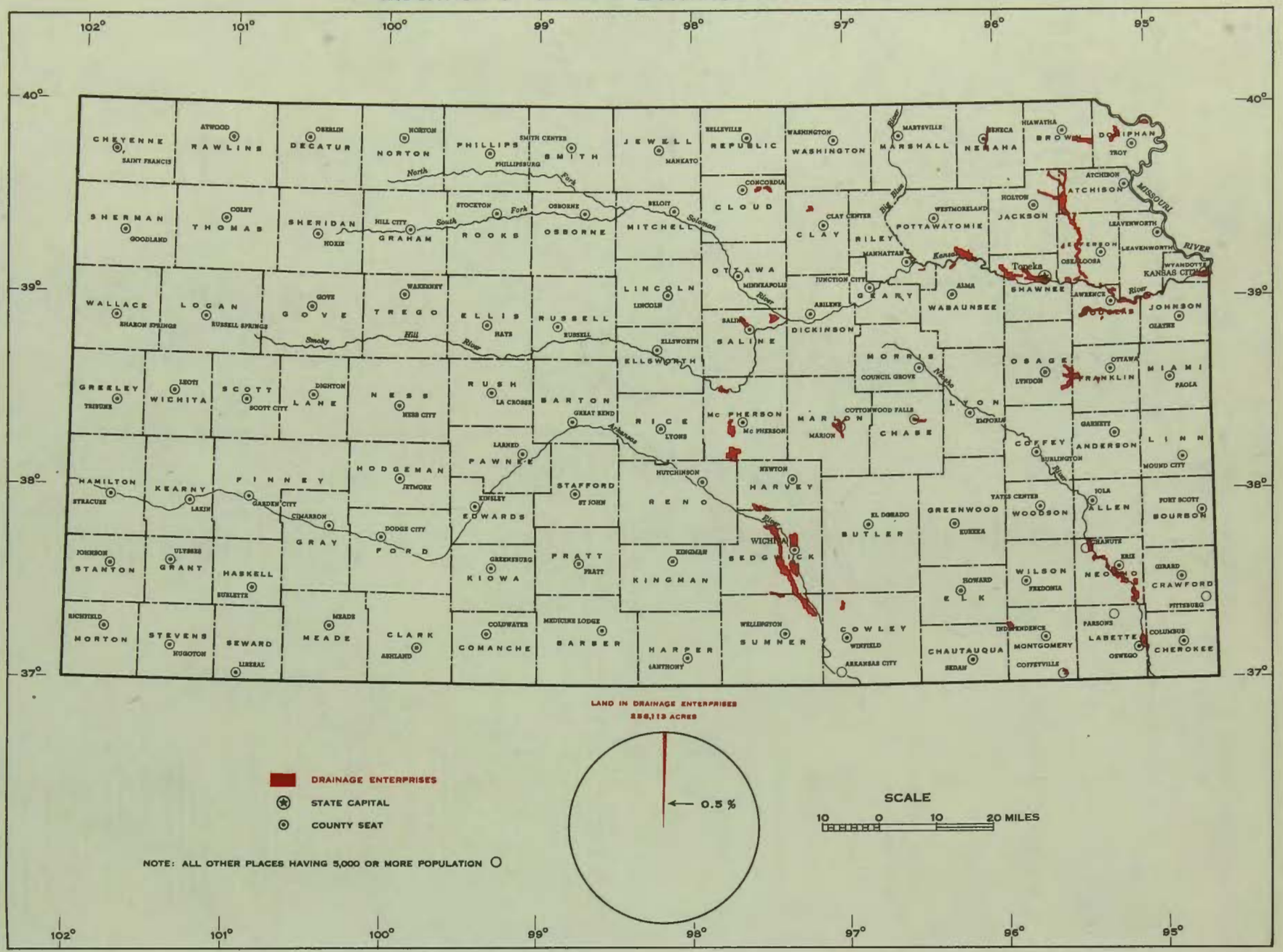
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Warren	Washington	Webster	Winnebago	Woodbury	Worth	Wright	Other counties[1]
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	8	4	249	86	17	57	180	16
	Open ditches:									
2	Completed	miles 1940	73.2	5.4	256.8	143.0	182.2	72.8	156.0	92.3
3		1930	72.5	9.6	227.3	146.2	170.1	89.7	133.1	69.1
4		1920	40.8	(2)	223.5	120.9	144.6	74.3	183.0	52.2
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	.....	7.3	621.1	482.9	8.3	394.1	532.3	18.6
7		1930	1.0	6.3	562.5	474.3	5.7	442.0	550.8	13.2
8		1920	1.2	(2)	506.3	442.4	8.1	172.9	448.8	45.1
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	.....	.....	.....	.....	0.1	.....	30.5
11		1930	.....	.....	.....	.....	.....	.....	3.6	25.8
12		1920	.....	(2)	.....	0.2	.....	0.2	.....	19.0
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	510
15		1930	.....	.....	.....	.....	.....	.....	.....	625
16		1920	.....	(2)	.....	.....	.....	.....	.....	600
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	90,600
18		1930	.....	.....	.....	.....	.....	.....	.....	96,500
19		1920	.....	(2)	.....	.....	.....	.....	.....	100,000
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	9,351
21		1930	.....	.....	.....	.....	.....	.....	.....	9,265
22		1920	.....	(2)	.....	.....	.....	.....	.....	15,781
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	559,887	90,460	3,266,924	1,955,115	762,554	1,457,836	3,016,515	1,271,230
26		1930	454,207	91,498	3,127,509	2,895,477	746,806	1,530,155	3,427,717	1,242,286
27		1920	252,302	(2)	2,412,781	1,368,324	476,816	684,411	2,417,034	807,490
28	Estimated cost when completed	dollars 1940	559,887	90,460	3,266,924	1,955,115	762,554	1,457,836	3,016,515	1,271,230
29		1930	454,207	91,498	3,127,509	2,895,477	746,806	1,530,155	3,427,717	1,242,286
30		1920	333,379	(2)	2,532,904	1,613,542	476,816	867,350	2,514,519	842,322
31	Average cost per acre when completed	dollars 1940	13.04	22.26	11.70	14.17	8.23	12.57	11.74	21.06
32		1930	10.32	21.48	11.17	21.77	7.32	18.08	13.69	21.25
33		1920	20.21	(2)	9.46	8.91	5.03	9.34	9.63	5.68
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	559,887	.....	231,040	62,173	553,966	49,599	270,526	223,659
35	Average amount per acre	dollars	13.04	.....	8.17	2.83	7.80	4.02	5.94	8.60
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	.....	.....	312,654
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	34.31
38	Enterprises having tile only	dollars	.....	3,718	1,855,420	772,502	695	696,613	1,954,808	10,206
39	Average amount per acre	dollars	.....	5.68	15.86	18.22	7.02	19.58	14.84	11.22
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	.....	86,742	1,180,464	1,120,440	207,893	701,126	791,181	101,113
43	Average amount per acre	dollars	.....	25.44	8.81	15.23	9.65	11.08	9.93	10.32
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	10,498	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	2.18	.....	.....
46	Enterprises operating pumping plants[3]	dollars	.....	.....	.....	.....	.....	.....	.....	623,598
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	42.90
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	(4)
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	2
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	(4)
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	(4)
52	By enterprises not operating pumping plants	dollars	.....	(4)	5,189	4,874	27,126	.....	21,217	831
53	Enterprises reporting	number	.....	1	81	59	12	.....	92	3
54	Land in these enterprises	acres	.....	(4)	159,024	111,911	72,163	.....	160,043	16,117
55	Average cost per acre	dollars	.....	(4)	0.03	0.04	0.38	.....	0.13	0.05
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	.....	3	.....	.....	30	.....
57	Land in these enterprises	acres	.....	.....	.....	11,133	.....	.....	119,601	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	.....	.....	335	15,753	24,191	10,466	44,515	7,118
59	Enterprises reporting	number	.....	.....	10	23	6	5	26	6
60	Land in these enterprises	acres	.....	.....	34,117	34,197	58,056	10,238	62,524	32,221
61	Average amount collected per acre	dollars	.....	.....	0.01	0.46	0.42	1.02	0.71	0.22
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	.....	.....	.....	(4)	.....	.....	.....	(4)
63	Enterprises reporting	number	.....	.....	.....	1	.....	.....	.....	2
64	Land in these enterprises	acres	.....	.....	.....	(4)	.....	.....	.....	(4)
65	Portion delinquent in these enterprises	percent	.....	.....	.....	(4)	.....	.....	.....	(4)
66	Total indebtedness, Dec. 31, 1939	dollars	9,238	.....	28,672	(4)	42,507	.....	(4)	168,626
67	Enterprises reporting	number	3	.....	58	1	6	.....	2	8
68	Land in these enterprises	acres	17,260	.....	90,798	(4)	58,056	.....	(4)	45,831
69	Average indebtedness per acre	dollars	0.54	.....	0.32	(4)	0.73	.....	(4)	3.68
70	Indebtedness in arrears, Dec. 31, 1939	dollars	.....	.....	.....	(4)	.....	.....	.....	16,665
71	Enterprises reporting	number	.....	.....	.....	1	.....	.....	.....	3
72	Land in these enterprises	acres	.....	.....	.....	(4)	.....	.....	.....	21,120
73	Average arrearage per acre	dollars	.....	.....	.....	(4)	.....	.....	.....	0.79
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	(4)	.....	.....	.....	(4)
75	Enterprises reporting	number	.....	.....	.....	1	.....	.....	.....	2
76	Land in these enterprises	acres	.....	.....	.....	(4)	.....	.....	.....	(4)
77	Average reduction per acre	dollars	.....	.....	.....	(4)	.....	.....	.....	(4)

[1] Includes Adair, Appanoose, Benton, Buchanan, Butler, Cedar, Dubuque, Jackson, Jones, Lee, and Wayne Counties in 1940; Adair, Appanoose, Buchanan, Butler, Cedar, Dubuque, Jackson, Jones, Lee, and Wayne Counties in 1930; and Appanoose, Black Hawk, Buchanan, Butler, Cass, Cedar, Dubuque, Grundy, Howard, Iowa, Johnson, Lee, Linn, Madison, Scott, Tama, Washington, and Wayne Counties in 1920. [2] Included in "Other counties." [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 193.

KANSAS

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	52,552,320	52,335,360	52,335,330	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	258,113	257,169	93,856	944	0.4	163,313	174.0
Improved.....acres.....	253,983	248,241	87,449	5,742	2.3	160,792	183.9
Unimproved:							
Timber and cut-over.....acres.....	2,019	4,260	4,135	-2,241	-52.6	125	3.0
Other.....acres.....	2,111	4,668	2,272	-2,557	-54.8	2,396	105.4
Drainage sufficient for normal crop.....acres.....	237,347	242,218	(1)	15,131	6.2	.....	.....
Partly drained, for partial crop.....acres.....	230	11,361	(1)	-11,101	-97.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	506	3,592	[2] 3,704	-3,086	-85.9	-3,112	-46.4
In occupied farms.....acres.....	250,455	253,845	(1)	-3,390	-1.3	.....	.....
In planted crops.....acres.....	221,218	219,736	(1)	1,482	0.7	.....	.....
Idle.....acres.....	9,853	3,131	(1)	6,722	214.7	.....	.....
Available for settlement.....acres.....	.....	.....	(1)	.....	.....	.....	.....
Open ditches, completed.....miles.....	381.4	324.7	138.4	56.7	17.5	186.3	134.6
Tile drains, completed.....miles.....	210.5	212.1	213.0	-1.6	-0.8	-0.9	-0.4
Drainage pumping plants, capacity.....horsepower....	420	120	65	300	250.0	55	84.6
gal. per min..	24,000	12,000	4,000	12,000	100.0	8,000	200.0
Capital invested in enterprises.....dollars.....	3,733,919	2,701,082	936,508	1,032,837	38.2	1,764,574	188.4
Average per acre.....dollars.....	14.47	10.50	9.98	3.97	37.8	0.52	5.2

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	258,946	257,726	93,856	258,113	1,000 to 1,999 acres.....	34,216	78,425	33,086	33,383
					2,000 to 4,999 acres.....	43,729			46,729
100 to 199 acres.....	.....	172	575	.....	5,000 to 9,999 acres.....	73,361	74,962	22,792	73,361
200 to 499 acres.....	3,147	4,235	4,419	3,147	10,000 to 19,999 acres.....	84,710	84,705	21,040	84,710
500 to 999 acres.....	16,783	15,227	11,944	16,783	20,000 to 49,999 acres.....	.....			.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	258,113	100.0	3,733,919	100.0
Drainage districts	206,981	80.2	2,958,148	79.5
County drains	40,218	15.6	636,091	17.0
Township drains	3,180	1.2	24,280	0.7
Commercial developments:				
Incorporated	.....	.....	.....	.....
Unincorporated	1,062	0.4	5,500	0.1
Individually owned projects	6,592	2.6	99,900	2.7

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	258,113	100.0	257,169	100.0	93,856	100.0	3,733,919	100.0	2,701,082	100.0	936,508	100.0
Gravity drainage only by-												
Open ditches.....	247,113	95.7	249,742	97.1	[2] 93,856	100.0	2,672,419	71.6	2,385,046	88.3	[2] 936,508	100.0
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains..	1,020	0.4	4,927	1.9			11,500	0.3	266,036	9.8		
Part only by pumping by-												
Open ditches.....	6,500	2.5	2,500	1.0	.....	.....	1,000,000	26.8	50,000	1.9	.....	.....
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	3,480	1.4					50,000	1.3				
Total area served by pumps.....	5,000	1.9	2,000	0.8	2,200	2.3	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Includes 1 enterprise operating pumps in which 2,200 acres are served part of the time.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	2	420	100.0	24,000	5,000
	1930	1	120	100.0	12,000	2,000
	1920	1	35	100.0	4,000	2,200
Steam	1940	.....	.....	.....	.....	.....
	1930	.....	.....	.....	.....	.....
	1920	1	65	100.0	4,000	2,200
Electric	1940	2	420	100.0	24,000	5,000
	1930	1	120	100.0	12,000	2,000
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	4	24,000	100.0	420	5,000
	1930	2	12,000	100.0	120	2,000
Centrifugal	1940	4	24,000	100.0	420	5,000
	1930	2	12,000	100.0	120	2,000

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	258,113	100.0	257,169	100.0	3,733,919	100.0	2,701,082	100.0	5,737	360
Enterprises in arrears	10,329	4.0	3,000	1.2	200,000	5.4	19,780	0.7	1,160	.....
With some delinquent land	10,329	4.0	.....	.....	200,000	5.4	.....	.....	1,160	.....
With no delinquent land	.....	.....	3,000	1.2	.....	.....	19,780	0.7	.....	.....
With no report on delinquency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enterprises not in arrears	247,784	96.0	254,169	98.8	3,533,919	94.6	2,681,302	99.3	4,577	360
With some delinquent land	51,027	19.8	8,320	3.2	998,334	26.7	65,621	2.4	4,577	360
With no delinquent land	187,857	72.8	245,849	95.3	2,470,575	66.2	2,615,681	96.9	.....	.....
With no report on delinquency	8,900	3.4	.....	.....	65,010	1.7	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	258,113	3,733,919	1,806,105	8,000	105	5,737	257,698
Enterprises in debt	91,128	2,247,511	1,806,105	8,000	.....	5,437	237,973
In arrears, amount of arrearage stated	10,329	200,000	57,000	8,000	.....	1,160	11,700
Collecting drainage taxes in 1939	10,329	200,000	57,000	8,000	.....	1,160	11,700
Not in arrears	80,799	2,047,511	1,749,105	.....	.....	4,277	226,273
Collecting drainage taxes in 1939	75,699	1,970,811	1,728,431	.....	.....	4,277	226,273
No collections reported	5,100	76,700	20,674	.....	.....	.....	.....
Enterprises not in debt	159,973	1,437,408	.....	.....	105	300	15,375
Collecting drainage taxes in 1939	52,777	700,881	.....	.....	105	300	15,375
No collections reported	107,196	736,527	.....	.....	.....	.....	.....
Enterprises not reporting as to debt	7,012	49,000	.....	.....	.....	.....	4,350
Collecting drainage taxes in 1939	7,012	49,000	.....	.....	.....	.....	4,350

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	258,113	100.0	3,733,919	100.0
Improvement of land already in farms[1]	27,120	10.5	77,317	2.1
Protection against overflow	230,993	89.5	3,656,602	97.9

[1] Undoubtedly a large part of the drainage reported as for protection against overflow was undertaken for the protection of lands already included in farms.

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	258,113	100.0	258,945	833	3,733,919	100.0
1890-1899	18,726	7.3	19,559	833	355,679	9.6
1900-1904	8,543	3.3	8,543	.....	80,079	2.1
1905-1909	44,991	17.4	44,991	.....	1,387,440	37.1
1910-1914	44,399	17.2	44,399	.....	354,927	9.5
1915-1919	36,868	25.9	33,869	.....	783,557	21.0
1920-1924	22,778	8.8	22,778	.....	185,924	5.0
1925-1929	37,838	14.7	37,838	.....	475,553	12.7
1930-1934	5,178	2.0	5,178	.....	103,781	2.8
1935-1939	8,762	3.4	8,762	.....	5,979	0.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	258,113	257,347	99.7	260	506	253,983	98.4	2,019	2,111	250,455	97.0	221,218	9,853	.....
1890-1899	18,726	18,726	100.0	.....	.....	18,706	99.9	.....	20	18,726	100.0	17,805	.....	.....
1900-1904	8,543	8,543	100.0	.....	.....	8,543	100.0	.....	.....	8,543	100.0	8,098	.....	.....
1905-1909	44,991	44,691	99.3	.....	300	43,531	96.8	500	960	38,541	85.7	32,615	4,600	.....
1910-1914	44,399	44,399	100.0	.....	.....	43,248	97.4	686	465	44,144	99.4	37,298	1,281	.....
1915-1919	36,868	36,771	99.8	97	.....	35,971	98.6	590	307	36,868	100.0	28,208	3,416	.....
1920-1924	22,778	22,638	99.4	49	91	22,708	99.7	7	63	22,731	99.8	20,784	346	.....
1925-1929	37,838	37,838	100.0	.....	.....	37,473	99.0	220	175	36,983	97.7	33,589	210	.....
1930-1934	5,178	5,178	100.0	.....	.....	5,178	100.0	.....	.....	5,178	100.0	4,644	.....	.....
1935-1939	8,762	8,533	97.4	114	115	8,625	98.4	16	121	8,741	99.8	8,177	.....	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	258,113	100.0	3,733,919	100.0
Method:				
By district forces	208,309	80.7	3,318,143	88.9
By contract	21,690	8.4	244,781	6.5
Work apportioned to landowners	26,413	10.2	160,195	4.3
"None," or not reporting	1,701	0.7	10,800	0.3
Whether systematic:				
Reporting "yes"	182,608	70.7	3,032,562	81.2
Reporting "no"	75,505	29.3	701,357	18.8

STATE TABLE 13.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	258,113	258,113	187,712	70,401	42,038	0.16	0.22
Gravity drainage only	248,113	248,133	181,212	66,921	17,038	0.07	0.09
Open ditches only	72,708	72,708	39,745	32,963	2,449	0.03	0.06
Open ditches and levees	174,405	174,405	140,447	33,958	14,389	0.08	0.10
Open ditches, tile drains, and levees	1,020	1,020	1,020	.....	200	0.20	0.20
Part pumping and part gravity	9,980	9,980	6,500	3,480	25,000	2.50	3.85

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	258,113	21,060	8.2
Capital invested.....dollars..	3,733,919	1,292,500	34.6
Drainage works:			
Open ditches.....miles....	381.4	15.3	4.0
Tile drains.....miles....	210.5	210.0	99.8
Levees.....miles....	278.3	59.5	21.4

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received.....	27,403	1,290,028	14.3	.....	56.2
Work Projects Administration.....	27,403	1,290,028	14.3	.....	56.2

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	258,113	[1]1,020	0.4
Capital invested.....dollars..	3,733,919	11,500	0.3
Drainage works:			
Open ditches.....miles....	381.4	2.0	0.5
Tile drains.....miles....	210.5	0.5	0.2
Levees.....miles....	278.3	2.0	0.7

[1]The land actually dependent upon outside agencies for protection is 1,020 acres, which is all land in the protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Chase[1]	Cherokee[1]	Clay[1]	Doniphan[1]	Douglas	Jackson	Jefferson
	LAND AREA								
1	Approximate land area.....acres....1940..	52,552,320	495,360	375,680	421,120	250,240	299,520	419,840	351,360
2	Drainage enterprises.....number...1940..	[2] 92	1	1	1	2	6	3	13
3	Land in enterprises.....acres....1940..	258,113	1,376	360	1,400	6,500	18,731	6,377	18,587
4	1930..	257,169	(3)	.....	.....	(3)	48,570	(3)	24,486
5	1920..	93,856	(3)	.....	.....	(3)	(3)	(3)	14,147
6	Area of all enterprises, overlapping included.....acres....1940..	258,946	1,376	360	1,400	6,500	18,731	6,377	18,587
7	Amount of overlapping.....acres....1940..	833	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	257,347	1,376	360	1,260	6,500	18,731	6,377	18,490
9	1930..	242,216	(3)	.....	.....	(3)	48,370	(3)	21,930
10	Increase or decrease (-), 1930-1940.....acres.....	15,131	.....	360	1,260	.....	-29,639	.....	-3,440
11	percent.....	6.2	.....	.....	.....	.....	-61.3	.....	-15.7
12	Land undrained, unfit for any crop.....acres....1940..	506	.....	.....	91	.....	.....	.....	.....
13	1930..	3,592	.....	.....	.....	.....	.....	.....	529
14	Increase or decrease (-), 1930-1940.....acres.....	-3,086	.....	.....	91	.....	.....	.....	-529
15	percent.....	-85.9	.....	.....	.....	.....	.....	.....	-100.0
16	Land partly drained, for partial crop.....acres....1940..	260	.....	.....	49	.....	.....	.....	97
17	1930..	11,361	.....	.....	.....	(3)	200	(3)	2,027
18	Increase or decrease (-), 1930-1940.....acres.....	-11,101	.....	.....	49	.....	-200	.....	-1,930
19	percent.....	-97.7	.....	.....	.....	.....	-100.0	.....	-95.2
20	Improved land.....acres....1940..	253,983	1,376	360	1,330	6,460	18,731	6,377	18,070
21	1930..	248,241	(3)	.....	.....	(3)	48,370	(3)	22,916
22	1920..	87,449	(3)	.....	.....	(3)	(3)	(3)	14,046
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	2,019	.....	.....	7	40	.....	.....	450
24	1930..	4,260	.....	.....	.....	.....	200	.....	1,160
25	1920..	4,135	(3)	.....	.....	(3)	(3)	(3)	26
26	Other unimproved land.....acres....1940..	2,111	.....	.....	63	.....	.....	.....	67
27	1930..	4,668	.....	.....	.....	.....	.....	.....	410
28	1920..	2,272	.....	.....	.....	.....	.....	.....	75
29	Land in occupied farms.....acres....1940..	250,455	1,376	360	1,365	6,500	18,711	6,377	18,587
30	1930..	253,845	(3)	.....	.....	(3)	48,570	(3)	24,486
31	Increase or decrease (-), 1930-1940.....acres.....	-3,390	.....	360	1,365	.....	-29,859	.....	-5,899
32	percent.....	-1.3	.....	.....	.....	.....	-61.5	.....	-24.1
33	Land in planted crops.....acres....1940..	221,218	1,348	360	1,190	5,868	16,762	5,540	16,526
34	1930..	219,736	(3)	.....	.....	(3)	43,600	(3)	22,403
35	Increase or decrease (-), 1930-1940.....acres.....	1,482	.....	360	1,190	.....	-26,838	.....	-5,877
36	percent.....	0.7	.....	.....	.....	.....	-61.6	.....	-26.2
37	Land idle.....acres....1940..	9,853	.....	.....	.....	26	220	200	297
38	1930..	3,131	(3)	.....	.....	.....	.....	.....	.....
39	Increase or decrease (-), 1930-1940.....acres.....	6,722	.....	.....	.....	26	220	200	297
40	percent.....	214.7	.....	.....	.....	.....	.....	.....	.....
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	72,708	.....	.....	1,400	4,600	9,060	5,117	3,399
46	Length of these ditches.....miles.....	121.3	.....	.....	3.5	7.5	6.5	10.5	10.8
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	174,405	1,376	360	.....	1,900	8,651	1,260	15,188
49	Length of these ditches.....miles.....	253.3	2.2	0.5	.....	5.0	3.5	2.5	28.7
50	Length of these levees.....miles.....	248.8	4.5	1.0	.....	2.0	4.0	0.5	18.2
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	1,020	.....	.....	.....	.....	1,020	.....	.....
64	Length of these open ditches.....miles.....	2.0	.....	.....	.....	.....	2.0	.....	.....
65	Length of these tile.....miles.....	0.5	.....	.....	.....	.....	0.5	.....	.....
66	Length of these levees.....miles.....	2.0	.....	.....	.....	.....	2.0	.....	.....
67	Part protected by levees of an outside agency.....acres.....	1,020	.....	.....	.....	.....	1,020	.....	.....
68	Land in enterprises operating pumping plants[4].....acres.....	9,980	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	4.8	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	210.0	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	27.5	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 88.
[3] Included in "Other counties."
[4] Data included in lines 68 to 72 are not included in data in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Johnson[1]	McPherson	Montgomery[1]	Neosho	Sedgwick	Shawnee	Wabaunsee[1]	Other counties[2]
	LAND AREA									
1	Approximate land area	acres 1940	304,640	572,800	415,360	375,680	639,360	348,800	506,240	7,039,360
2	Drainage enterprises	number 1940	1	5	2	23	5	3	1	25
3	Land in enterprises	acres 1940	1,500	20,370	3,560	21,871	41,360	21,230	1,800	93,091
4		1930	.....	16,400	[3]	22,434	31,700	22,510	[3]	91,069
5		1920	.....	4,760	.....	21,758	[3]	12,516	.....	40,675
6	Area of all enterprises, overlapping included	acres 1940	1,500	20,370	3,560	22,704	41,360	21,230	1,800	93,091
7	Amount of overlapping	acres 1940	.....	.....	.....	833	.....	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	1,500	20,370	3,560	21,871	41,360	20,930	1,800	92,862
9		1930	.....	15,350	[3]	21,602	31,700	20,811	[3]	82,453
10	Increase or decrease (-), 1930-1940	acres	1,500	5,020	.....	269	9,660	119	.....	10,409
11		percent	.....	32.7	.....	1.2	30.5	0.6	.....	12.6
12	Land undrained, unfit for any crop	acres 1940	.....	.....	.....	.....	.....	300	.....	115
13		1930	.....	250	[3]	390	.....	600	[3]	1,823
14	Increase or decrease (-), 1930-1940	acres	.....	-250	.....	-390	.....	-300	.....	-1,708
15		percent	.....	-100.0	.....	-100.0	.....	-50.0	.....	-93.7
16	Land partly drained, for partial crop	acres 1940	.....	.....	.....	.....	.....	.....	.....	114
17		1930	.....	800	[3]	442	.....	1,099	[3]	6,793
18	Increase or decrease (-), 1930-1940	acres	.....	-800	.....	-442	.....	-1,099	.....	-6,679
19		percent	.....	-100.0	.....	-100.0	.....	-100.0	.....	-98.3
20	Improved land	acres 1940	1,500	20,110	2,900	21,871	40,840	20,430	1,800	91,828
21		1930	.....	16,100	[3]	21,583	31,700	21,660	[3]	85,912
22		1920	.....	4,760	.....	17,556	[3]	11,281	.....	39,806
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	.....	.....	.....	.....	520	500	.....	502
24		1930	.....	.....	[3]	398	.....	550	.....	1,952
25		1920	.....	.....	.....	2,005	[3]	1,235	.....	869
26	Other unimproved land	acres 1940	.....	260	660	.....	.....	300	.....	761
27		1930	.....	300	[3]	453	.....	300	.....	3,205
28		1920	.....	.....	.....	2,197	.....	.....	.....	.....
29	Land in occupied farms	acres 1940	1,500	20,370	2,900	21,871	40,760	18,950	1,800	89,018
30		1930	.....	16,400	[3]	22,434	31,700	22,510	[3]	87,745
31	Increase or decrease (-), 1930-1940	acres	1,500	3,970	.....	-563	9,060	-3,550	.....	1,273
32		percent	.....	24.2	.....	-2.5	28.6	-15.8	.....	1.4
33	Land in planted crops	acres 1940	1,331	17,377	2,660	19,246	37,387	14,368	1,679	79,576
34		1930	.....	14,760	[3]	20,095	21,250	21,296	[3]	76,332
35	Increase or decrease (-), 1930-1940	acres	1,331	2,617	.....	-849	16,137	-6,928	.....	3,244
36		percent	.....	17.7	.....	-4.2	75.9	-32.5	.....	4.2
37	Land idle	acres 1940	.....	1,938	.....	.....	.....	4,400	40	2,732
38		1930	.....	.....	[3]	738	.....	1,150	.....	1,243
39	Increase or decrease (-), 1930-1940	acres	.....	1,938	.....	-738	.....	3,250	40	1,489
40		percent	.....	.....	.....	-100.0	.....	282.6	.....	119.8
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	.....	.....	.....	.....	.....
44		percent	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	.....	.....	.....	833	.....	.....	1,800	46,499
46	Length of these ditches	miles	.....	.....	.....	2.0	.....	.....	3.0	77.5
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	1,500	20,370	3,560	21,038	41,360	21,230	.....	36,612
49	Length of these ditches	miles	2.4	43.0	9.3	56.9	31.5	17.5	.....	50.3
50	Length of these levees	miles	1.5	18.0	7.0	104.1	22.0	42.0	.....	24.0
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres	.....	.....	.....	.....	.....	.....	.....	9,980
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	4.8
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	210.0
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	27.5
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.

[2] Includes Atchison, Brown, Cloud, Cowley, Franklin, Harvey, Labette, Leavenworth, Marion, Nemaha, Osage, Pottawatomie, Riley, Saline, Sumner, and Wyandotte Counties in 1940; Atchison, Chase, Cowley, Doniphan, Franklin, Harvey, Jackson, Labette, Leavenworth, Marion, Montgomery, Nemaha, Osage, Pottawatomie, Republic, Riley, Saline, Sumner, Wabaunsee, and Wyandotte Counties in 1930; and Atchison, Chase, Doniphan, Douglas, Jackson, Labette, Marion, Pottawatomie, Riley, Saline, and Sedgwick Counties in 1920.

[3] Included in "Other counties."

[4] Data included in lines 68 to 72 are not included in data in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Chase[1]	Cherokee[1]	Clay[1]	Doniphan[1]	Douglas	Jackson	Jefferson
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2] 92	1	1	1	2	6	3	13
	Open ditches:								
2	Completed.....miles.....1940..	381.4	2.2	0.5	3.5	12.5	12.0	13.0	39.5
3	1930..	324.7	([3])	.....	.....	([3])	9.8	([3])	28.6
4	1920..	138.4	([3])	.....	.....	([3])	([3])	([3])	18.3
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	210.5	.....	.....	.....	.....	0.5	.....	.....
7	1930..	212.1	.....	.....	.....	.....	0.5	.....	1.5
8	1920..	213.0	([3])	.....	.....	([3])	([3])	([3])	0.2
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	278.3	4.5	1.0	.....	2.0	6.0	0.5	18.2
11	1930..	227.0	.....	.....	.....	([3])	5.3	([3])	6.0
12	1920..	165.1	([3])	.....	.....	([3])	([3])	([3])	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	420	.....	.....	.....	.....	.....	.....	.....
15	1930..	120	.....	.....	.....	.....	.....	.....	.....
16	1920..	65	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	24,000	.....	.....	.....	.....	.....	.....	.....
18	1930..	12,000	.....	.....	.....	.....	.....	.....	.....
19	1920..	4,000	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	5,000	.....	.....	.....	.....	.....	.....	.....
21	1930..	2,000	.....	.....	.....	.....	.....	.....	.....
22	1920..	2,200	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	3,733,919	28,000	1,500	1,500	71,000	37,085	99,700	240,828
26	1930..	2,701,082	([3])	.....	.....	([3])	53,275	([3])	238,940
27	1920..	936,508	([3])	.....	.....	([3])	([3])	([3])	127,692
28	Estimated cost when completed.....dollars.....1940..	3,833,919	28,000	1,500	1,500	71,000	37,085	99,700	240,828
29	1930..	2,721,082	([3])	.....	.....	([3])	53,275	([3])	238,940
30	1920..	1,210,353	([3])	.....	.....	([3])	([3])	([3])	127,692
31	Average cost per acre when completed.....dollars.....1940..	14.85	20.35	4.17	1.07	10.92	1.98	15.63	12.96
32	1930..	10.58	([3])	.....	.....	([3])	1.10	([3])	9.76
33	1920..	12.90	([3])	.....	.....	([3])	([3])	([3])	9.03
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	558,839	.....	.....	1,500	41,000	7,135	81,700	26,200
35	Average amount per acre.....dollars..	7.69	.....	.....	1.07	8.91	0.79	15.97	7.71
36	Enterprises having open ditches and levees.....dollars..	2,113,580	28,000	1,500	.....	30,000	18,450	18,000	214,628
37	Average amount per acre.....dollars..	12.12	20.35	4.17	.....	15.79	2.13	14.28	14.13
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	11,500	.....	.....	.....	.....	11,500	.....	.....
45	Average amount per acre.....dollars..	11.27	.....	.....	.....	.....	11.27	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	[5] 1,150,000	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	[5] 115.23	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	[6] 25,000	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	[6] 1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	[6] 6,500	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	[6] 3.85	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	17,038	.....	.....	.....	300	([7])	660	800
53	Enterprises reporting.....number...	49	.....	.....	.....	2	2	3	5
54	Land in these enterprises.....acres....	181,212	.....	.....	.....	6,500	([7])	6,377	14,398
55	Average cost per acre.....dollars..	0.09	.....	.....	.....	0.05	([7])	0.10	0.06
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	6	.....	.....	.....	.....	.....	.....	1
57	Land in these enterprises.....acres....	27,403	.....	.....	.....	.....	.....	.....	([7])
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	257,698	.....	.....	.....	.....	([7])	([7])	([7])
59	Enterprises reporting.....number...	34	.....	.....	.....	.....	2	1	2
60	Land in these enterprises.....acres....	145,817	.....	.....	.....	.....	([7])	([7])	([7])
61	Average amount collected per acre.....dollars..	1.77	.....	.....	.....	.....	([7])	([7])	([7])
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	5,737	.....	.....	.....	.....	([7])	([7])	([7])
63	Enterprises reporting.....number...	10	.....	.....	.....	.....	1	1	1
64	Land in these enterprises.....acres....	61,356	.....	.....	.....	.....	([7])	([7])	([7])
65	Portion delinquent in these enterprises.....percent..	9.4	.....	.....	.....	.....	([7])	([7])	([7])
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,806,105	.....	.....	.....	16,000	([7])	([7])	([7])
67	Enterprises reporting.....number...	20	.....	.....	.....	1	2	2	1
68	Land in these enterprises.....acres....	91,128	.....	.....	.....	1,900	([7])	([7])	([7])
69	Average indebtedness per acre.....dollars..	19.82	.....	.....	.....	8.42	([7])	([7])	([7])
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	[6] 8,000	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	[6] 2	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	[6] 10,329	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	[6] 0.77	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	[6] 105	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	[6] 1	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	[6] 7,000	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	[6] 0.02	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 88. [3] Included in "Other counties." [4] Data included in lines 46 and 47 are not included in data in lines 34 to 45. [5] Includes cost assessed against nonagricultural lands in Kansas City. [6] Not distributed by counties. [7] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

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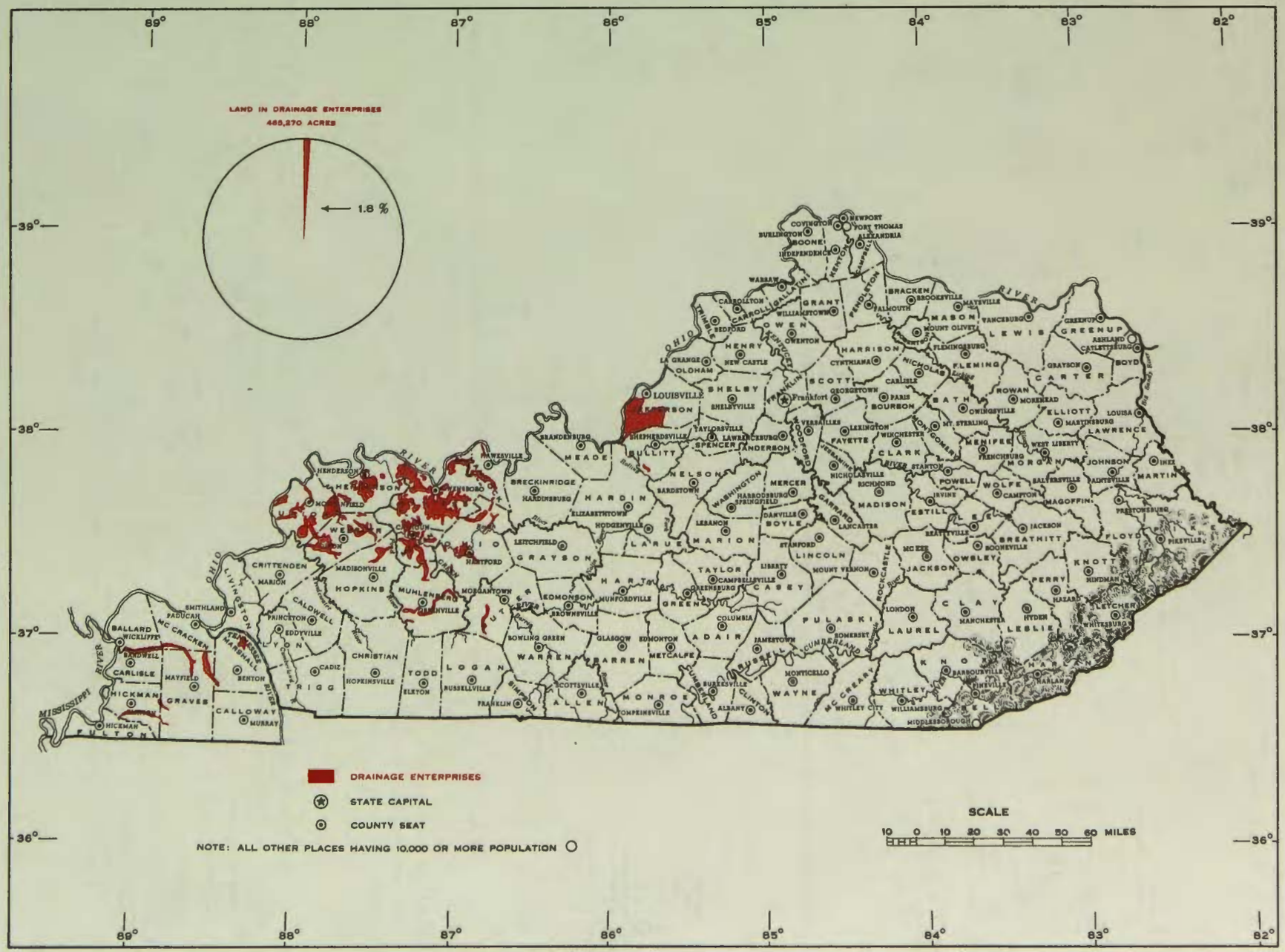
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Johnson[1]	McPherson	Montgomery[1]	Neosho	Sedgwick	Shawnee	Wabaunsee[1]	Other counties[2]
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	1	5	2	23	5	3	1	25
	Open ditches:								
2	Completed.....miles.....1940..	2.4	43.0	9.3	58.9	31.5	17.5	3.0	132.6
3	1930..	.....	30.9	(3)	56.9	36.0	18.0	(3)	144.5
4	1920..	.....	8.3	.....	58.9	(3)	2.6	.....	50.3
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	210.0
7	1930..	.....	.....	(3)	.....	.....	.....	.....	210.0
8	1920..	.....	.....	.....	2.5	(3)	.....	.....	210.3
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	1.5	18.0	7.0	104.1	22.0	42.0	.....	51.5
11	1930..	.....	6.0	(3)	111.6	.....	35.5	.....	62.6
12	1920..	.....	9.5	.....	119.8	(3)	6.0	.....	29.8
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	420
15	1930..	.....	.....	.....	.....	.....	.....	.....	120
16	1920..	.....	.....	.....	.....	.....	.....	.....	65
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	24,000
18	1930..	.....	.....	.....	.....	.....	.....	.....	12,000
19	1920..	.....	.....	.....	.....	.....	.....	.....	4,000
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	5,000
21	1930..	.....	.....	.....	.....	.....	.....	.....	2,000
22	1920..	.....	.....	.....	.....	.....	.....	.....	2,200
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	5,000	236,710	47,672	402,169	332,000	302,290	4,500	1,923,965
26	1930..	.....	175,200	(3)	383,915	70,627	310,541	(3)	1,468,584
27	1920..	.....	28,500	.....	122,450	(3)	220,500	.....	437,366
28	Estimated cost when completed.....dollars.....1940..	5,000	236,710	47,672	402,169	332,000	302,290	4,500	2,023,965
29	1930..	.....	175,200	(3)	383,915	70,627	310,541	(3)	1,488,584
30	1920..	.....	43,500	.....	122,450	(3)	232,500	.....	684,211
31	Average cost per acre when completed.....dollars.....1940..	3.33	11.62	13.39	18.39	8.03	14.24	2.50	21.74
32	1930..	.....	10.68	(3)	17.11	2.23	13.80	(3)	16.34
33	1920..	.....	9.14	.....	5.63	(3)	18.58	.....	16.82
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	.....	.....	.....	3,855	.....	.....	4,500	392,949
35	Average amount per acre.....dollars..	.....	.....	.....	4.63	.....	.....	2.50	8.45
36	Enterprises having open ditches and levees.....dollars..	5,000	236,710	47,672	398,314	332,000	302,290	.....	481,016
37	Average amount per acre.....dollars..	3.33	11.62	13.39	18.93	8.03	14.24	.....	13.14
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	.....	.....	.....	.....	.....	.....	.....	[5] 1,150,000
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	[5] 115.23
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	(6)	700	2,147	2,009	5,495	.....	3,162
53	Enterprises reporting.....number...	.....	2	2	14	4	3	.....	12
54	Land in these enterprises.....acres....	.....	(6)	3,560	16,029	34,320	21,230	.....	60,987
55	Average cost per acre.....dollars..	.....	(6)	0.20	0.15	0.06	0.26	.....	0.05
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	.....	.....	.....	1	1	.....	3
57	Land in these enterprises.....acres....	.....	.....	.....	.....	(6)	(6)	.....	7,916
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	.....	(6)	1,022	3,044	24,987	(6)	.....	213,006
59	Enterprises reporting.....number...	.....	1	1	10	3	2	.....	12
60	Land in these enterprises.....acres....	.....	(6)	1,160	9,925	25,220	(6)	.....	62,614
61	Average amount collected per acre.....dollars..	.....	(6)	0.88	0.31	0.99	(6)	.....	3.40
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	(6)	(6)	.....	2,317
63	Enterprises reporting.....number...	.....	.....	.....	.....	2	1	.....	4
64	Land in these enterprises.....acres....	.....	.....	.....	.....	(6)	(6)	.....	16,309
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	(6)	(6)	.....	14.2
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	.....	(6)	158,000	.....	.....	1,587,248
67	Enterprises reporting.....number...	.....	.....	.....	2	3	.....	.....	9
68	Land in these enterprises.....acres....	.....	.....	.....	(6)	25,220	.....	.....	48,849
69	Average indebtedness per acre.....dollars..	.....	.....	.....	(6)	6.26	.....	.....	32.49
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Atchison, Brown, Cloud, Cowley, Franklin, Harvey, Labette, Leavenworth, Marion, Nemaha, Osage, Pottawatomie, Riley, Saline, Sumner, and Wyandotte Counties in 1940; Atchison, Chase, Cowley, Doniphan, Franklin, Harvey, Jackson, Labette, Leavenworth, Marion, Montgomery, Nemaha, Osage, Pottawatomie, Republic, Riley, Saline, Sumner, Wabaunsee, and Wyandotte Counties in 1930; and Atchison, Chase, Doniphan, Douglas, Jackson, Labette, Marion, Pottawatomie, Riley, Saline, and Sedgwick Counties in 1920. [3] Included in "Other counties." [4] Data included in lines 46 and 47 are not included in data in lines 34 to 45. [5] Includes cost assessed against nonagricultural lands in Kansas City. [6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

KENTUCKY

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	25,669,760	25,715,840	25,715,840	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	465,270	585,625	358,480	-120,355	-20.6	227,145	63.4
Improved.....acres.....	376,370	445,613	245,334	-69,243	-15.5	200,279	81.6
Unimproved:							
Timber and cut-over.....acres.....	57,876	101,709	92,495	-43,833	-43.1	9,214	10.0
Other.....acres.....	31,024	38,303	20,651	-7,279	-19.0	17,652	85.5
Drainage sufficient for normal crop.....acres.....	386,620	428,883	(1)	-42,263	-9.8	.....	.....
Partly drained, for partial crop.....acres.....	46,422	109,440	(1)	-63,018	-57.6	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	32,228	47,302	[2] 69,413	-15,074	-31.9	-22,111	-31.8
In occupied farms.....acres.....	464,963	515,101	(1)	-50,138	-9.7	.....	.....
In planted crops.....acres.....	295,757	320,084	(1)	-24,327	-7.6	.....	.....
Idle.....acres.....	132,591	223,064	(1)	-90,473	-40.6	.....	.....
Available for settlement.....acres.....	.....	8,274	(1)	-8,274	-100.0	.....	.....
Open ditches, completed.....miles.....	1,231.8	1,204.8	664.5	27.0	2.2	540.3	81.3
Tile drains, completed.....miles.....	2.0	71.0	86.2	-69.0	-97.2	-15.2	-17.6
Drainage pumping plants, capacity.....horsepower....	.....	.....	.....	.....	.....	.....	.....
gal. per min..	.....	.....	.....	.....	.....	.....	.....
Capital invested in enterprises.....dollars.....	4,947,994	5,357,633	1,521,725	-409,639	-7.6	3,835,908	252.1
Average per acre.....dollars.....	10.63	9.15	4.24	1.48	16.2	4.91	115.8

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises.....	515,617	626,408	358,480	465,270
Less than 100 acres.....	300	.....	1,651	300
100 to 199 acres.....	619	795		474
200 to 499 acres.....	14,808	7,536	16,537	9,858
500 to 999 acres.....	27,088	36,505	23,143	21,981
1,000 to 1,999 acres.....	56,749	202,222	130,176	50,118
2,000 to 4,999 acres.....	119,617			106,078
5,000 to 9,999 acres.....	130,760	122,746	79,592	121,078
10,000 to 19,999 acres.....	58,070	200,998	107,381	58,070
20,000 to 49,999 acres.....	.....			.....
50,000 to 99,999 acres.....	107,606	55,606	.....	97,313

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	465,270	100.0	4,947,994	100.0
County drains.....	462,120	99.3	4,940,899	99.8
Individually owned projects.....	3,150	0.7	7,095	0.2

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	465,270	100.0	585,625	100.0	358,480	100.0	4,947,994	100.0	5,357,633	100.0	1,521,725	100.0
Gravity drainage only by—												
Open ditches.....	464,650	99.9	563,025	96.1	346,745	96.7	4,932,586	99.7	5,065,717	94.6	1,415,029	92.9
Tile drains.....	.....	.....	117	(2)	117	(2)	.....	.....	1,979	(2)	1,979	0.1
Open ditches and tile drains...	620	0.1	22,483	3.8	11,618	3.2	15,408	0.3	289,937	5.4	104,717	6.9

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	465,270	100.0	585,625	100.0	4,947,994	100.0	5,357,633	100.0	28,674	54,219
Enterprises in arrears	103,532	22.2	209,821	35.8	1,844,413	37.3	2,678,900	50.0	16,926	51,200
With some delinquent land	48,543	10.4	104,864	17.9	1,000,035	20.2	1,669,585	31.2	16,926	51,200
With no delinquent land	54,989	11.8	71,000	12.1	844,378	17.1	779,074	14.5	.....	.....
With no report on delinquency	.....	.....	33,957	5.8	.....	.....	230,241	4.3	.....	.....
Enterprises not in arrears	361,738	77.8	375,804	64.2	3,103,581	62.7	2,678,733	50.0	11,748	3,019
With some delinquent land	86,917	18.7	41,815	7.2	555,157	11.2	437,428	8.2	11,748	3,019
With no delinquent land	274,821	59.1	314,564	53.7	2,548,424	51.5	2,124,456	39.6	.....	.....
With no report on delinquency	.....	.....	19,425	3.3	.....	.....	116,849	2.2	.....	.....
Enterprises not reporting on arrearage	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	465,270	4,947,994	758,606	625,666	225,535	28,674	60,877
Enterprises in debt	114,261	2,000,627	758,606	625,666	225,535	18,361	13,543
In arrears, amount of arrearage stated[2]	103,532	1,844,413	724,359	625,666	146,759	16,926	9,572
Collecting drainage taxes in 1939	53,708	1,079,128	534,418	476,328	146,759	16,926	9,572
No collections reported	49,824	765,285	189,941	149,338	.....	.....	.....
Not in arrears	10,729	156,214	34,247	.....	78,776	1,435	3,971
Collecting drainage taxes in 1939	10,729	156,214	34,247	.....	78,776	1,435	3,971
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	351,009	2,947,367	.....	.....	.....	10,313	47,334
Collecting drainage taxes in 1939	218,031	1,426,678	.....	.....	.....	10,133	47,334
No collections reported	132,978	1,520,689	.....	.....	.....	180	.....
Enterprises not reporting as to debt	.....	.....	.....	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	.....	.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 1 enterprise reporting in arrears with amount of arrearage not stated.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	465,270	100.0	4,947,994	100.0
Improvement of land already in farms	426,162	91.6	4,741,114	95.8
Reclamation of swamp land not previously in farms	39,108	8.4	206,880	4.2

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	465,270	100.0	515,617	50,347	4,947,994	100.0
1890-1899	3,976	0.9	10,067	6,091	42,744	0.9
1900-1904	78,572	16.9	83,181	4,609	637,888	12.9
1905-1909	10,613	2.3	12,087	1,474	18,543	0.4
1910-1914	39,238	8.4	52,922	13,684	170,001	3.4
1915-1919	136,455	29.3	141,920	5,465	1,750,273	35.4
1920-1924	145,802	31.3	164,826	19,024	2,031,191	41.0
1925-1929	32,030	6.9	32,030	.....	240,350	4.8
1930-1934	18,131	3.9	18,131	.....	55,175	1.1
1935-1939	453	0.1	453	.....	1,829	0.1

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	465,270	386,620	83.1	46,422	32,228	376,370	80.9	57,876	31,024	464,963	99.9	295,757	132,591	.....
1890-1899.....	3,976	3,826	96.2	.....	150	3,726	93.7	250	.....	3,976	100.0	2,800	426	.....
1900-1904.....	78,572	78,302	99.6	160	110	77,413	98.5	432	727	78,572	100.0	58,737	2,599	.....
1905-1909.....	10,613	8,768	82.6	715	1,130	8,406	79.2	545	1,662	10,606	99.9	6,108	4,105	.....
1910-1914.....	39,238	34,229	87.2	3,105	1,904	34,514	88.0	1,300	3,424	39,238	100.0	26,165	8,290	.....
1915-1919.....	136,455	114,017	83.6	14,682	7,756	107,265	78.6	21,365	7,825	136,455	100.0	85,157	44,668	.....
1920-1924.....	145,802	98,456	67.5	26,950	20,396	97,604	66.9	31,729	16,469	145,802	100.0	78,984	66,418	.....
1925-1929.....	32,030	30,595	95.5	705	730	29,215	91.2	1,905	910	31,730	99.1	23,181	4,948	.....
1930-1934.....	18,131	17,981	99.2	100	50	17,781	98.1	350	.....	18,131	100.0	14,279	1,030	.....
1935-1939.....	453	446	98.4	5	2	446	98.4	.....	7	453	100.0	346	107	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	465,270	457,023	353,586	103,437	64,992	0.14	0.18
Gravity drainage only.....	465,270	457,023	353,586	103,437	64,992	0.14	0.18
Open ditches only.....	464,650	456,403	353,586	102,817	64,992	0.14	0.18
Open ditches and tile drains.....	620	620	.....	620	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	465,270	100.0	4,947,994	100.0
Method:				
By district forces.....	383,389	82.4	3,475,766	70.2
By contract.....	13,593	2.9	158,547	3.2
Work apportioned to landowners.....	16,025	3.5	270,447	5.5
"None," or not reporting.....	52,263	11.2	1,043,234	21.1
Whether systematic:				
Reporting "yes".....	355,403	76.4	3,306,019	66.8
Reporting "no".....	109,867	23.6	1,641,975	33.2

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	465,270	114,313	24.6
Capital invested.....dollars..	4,947,994	1,275,000	25.8
Drainage works:			
Open ditches.....miles....	1,231.8	112.0	9.1
Tile drains.....miles....	2.0	.....	.....
Levees.....miles....	.....	.....	.....

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received.....	288,516	3,084,793	603.1	.....	.....
Work Projects Administration.....	90,067	1,107,328	112.2	.....	.....
Civilian Conservation Corps.....	198,449	1,977,465	490.9	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Daviess	Fulton[1]	Graves	Hancock	Henderson	Hopkins[1]
	LAND AREA							
1	Approximate land area.....acres....1940..	25,669,760	298,240	131,200	358,400	119,680	281,600	355,200
2	Drainage enterprises.....number...1940..	[2] 160	46	1	4	11	13	1
3	Land in enterprises.....acres....1940..	465,270	115,429	379	16,649	14,856	37,959	9,356
4	1930..	585,625	170,265	(3)	15,867	12,959	78,889	22,603
5	1920..	358,480	61,477	.....	(3)	10,758	48,304	15,219
6	Area of all enterprises, overlapping included.....acres....1940..	515,617	165,168	379	16,649	14,856	37,959	9,356
7	Amount of overlapping.....acres....1940..	50,347	49,739	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	386,620	101,725	334	10,549	12,456	37,524	8,106
9	1930..	428,883	123,333	(3)	13,729	11,326	49,700	14,695
10	Increase or decrease (-), 1930-1940.....acres.....	-42,263	-21,608	.....	-3,180	1,130	-12,176	-6,589
11	percent.....	-9.8	-17.5	.....	-23.2	10.0	-24.5	-44.8
12	Land undrained, unfit for any crop.....acres....1940..	32,228	2,831	15	2,656	677	360	500
13	1930..	47,302	13,831	(3)	1,086	100	1,350	500
14	Increase or decrease (-), 1930-1940.....acres.....	-15,074	-11,000	.....	1,570	577	-990	.....
15	percent.....	-31.9	-79.5	.....	144.6	577.0	-73.3	.....
16	Land partly drained, for partial crop.....acres....1940..	46,422	10,873	30	3,444	1,723	75	750
17	1930..	109,440	33,101	(3)	1,052	1,533	27,839	7,408
18	Increase or decrease (-), 1930-1940.....acres.....	-63,018	-22,228	.....	2,392	190	-27,764	-6,658
19	percent.....	-57.6	-67.2	.....	227.4	12.4	-99.7	-89.9
20	Improved land.....acres....1940..	376,370	102,234	199	8,913	12,770	35,334	5,856
21	1930..	445,613	119,627	(3)	9,412	11,244	69,052	16,848
22	1920..	245,334	56,004	.....	(3)	3,987	33,463	6,888
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	57,876	8,571	180	5,115	1,057	2,315	3,000
24	1930..	101,709	30,964	(3)	3,926	1,595	8,537	3,600
25	1920..	92,495	4,677	.....	(3)	2,257	7,349	7,109
26	Other unimproved land.....acres....1940..	31,024	4,624	.....	2,621	1,029	310	500
27	1930..	38,303	19,674	.....	2,529	120	1,300	2,155
28	1920..	20,651	796	.....	(3)	4,514	7,492	1,222
29	Land in occupied farms.....acres....1940..	464,963	115,429	379	16,649	14,849	37,659	9,356
30	1930..	515,101	135,063	(3)	14,179	12,521	78,889	15,425
31	Increase or decrease (-), 1930-1940.....acres.....	-50,138	19,634	.....	2,470	2,328	41,230	-6,069
32	percent.....	-9.7	14.5	.....	17.4	18.6	52.3	-39.3
33	Land in planted crops.....acres....1940..	295,757	79,380	180	7,255	11,372	27,811	5,856
34	1930..	320,084	107,875	(3)	7,820	9,368	32,000	7,100
35	Increase or decrease (-), 1930-1940.....acres.....	-24,327	28,495	.....	-565	2,004	-4,189	-1,244
36	percent.....	-7.6	26.4	.....	-7.2	21.4	-13.1	-17.5
37	Land idle.....acres....1940..	132,591	36,049	199	9,393	3,484	3,826	3,500
38	1930..	223,064	43,463	(3)	7,755	3,560	46,889	13,603
39	Increase or decrease (-), 1930-1940.....acres.....	-90,473	-7,414	.....	1,638	-76	-43,063	-10,103
40	percent.....	-40.6	-17.0	.....	21.1	-2.1	-91.8	-74.3
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
42	1930..	8,274	50	(3)	1,617	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-8,274	-50	.....	-1,617	.....	.....	.....
44	percent.....	-100.0	-100.0	.....	-100.0	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	464,650	114,809	379	16,649	14,856	37,959	9,356
46	Length of these ditches.....miles.....	1,228.6	453.9	3.0	32.3	58.3	73.2	12.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	620	620	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	3.2	3.2	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	2.0	2.0	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 144.
[3] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Jefferson	McLean	Muhlenberg	Ohio	Union	Webster	Other counties[1]
	LAND AREA								
1	Approximate land area	acres....1940..	240,000	164,480	308,480	381,440	219,520	216,960	1,424,000
2	Drainage enterprises	number...1940..	3	10	5	13	16	27	10
3	Land in enterprises	acres....1940..	69,000	32,759	18,715	21,673	49,664	43,458	35,373
4		1930..	63,000	40,090	(2)	22,164	50,250	36,250	73,288
5		1920..	90,000	18,485	(2)	10,320	32,722	42,291	28,904
6	Area of all enterprises, overlapping included	acres....1940..	69,000	33,367	18,715	21,673	49,664	43,458	35,373
7	Amount of overlapping	acres....1940..	.....	608	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres....1940..	69,000	17,828	13,015	13,685	48,655	29,877	23,868
9		1930..	60,000	21,098	(2)	22,164	35,050	29,350	48,438
10	Increase or decrease (-), 1930-1940	acres.....	9,000	-3,272	.....	-8,479	13,605	527	-24,570
11		percent.....	15.0	-15.5	.....	-38.2	38.8	1.8	-50.7
12	Land undrained, unfit for any crop	acres....1940..	.....	9,613	3,518	3,663	1,009	3,869	3,517
13		1930..	3,000	8,407	.....	.....	200	1,675	17,153
14	Increase or decrease (-), 1930-1940	acres.....	-3,000	1,206	3,518	3,663	809	2,194	-13,636
15		percent.....	-100.0	14.3	.....	.....	404.5	131.0	-79.5
16	Land partly drained, for partial crop	acres....1940..	.....	5,320	2,182	4,325	.....	9,712	7,988
17		1930..	.....	10,585	(2)	.....	15,000	5,225	7,697
18	Increase or decrease (-), 1930-1940	acres.....	.....	-5,265	.....	4,325	-15,000	4,487	291
19		percent.....	.....	-49.7	.....	.....	-100.0	85.9	3.8
20	Improved land	acres....1940..	69,000	15,806	13,115	13,795	48,263	28,561	22,524
21		1930..	56,000	26,898	(2)	14,217	44,200	31,525	46,590
22		1920..	45,000	13,709	(2)	7,657	29,294	32,984	16,348
	Unimproved land:								
23	Woodland and cut-over land	acres....1940..	.....	10,123	4,118	5,190	442	7,228	10,537
24		1930..	6,000	11,079	(2)	5,723	6,050	4,275	19,960
25		1920..	40,000	4,642	(2)	1,838	3,428	8,809	12,386
26	Other unimproved land	acres....1940..	.....	6,830	1,482	2,688	959	7,669	2,312
27		1930..	1,000	2,113	(2)	2,224	.....	450	6,738
28		1920..	5,000	134	(2)	825	.....	498	170
29	Land in occupied farms	acres....1940..	69,000	32,759	18,715	21,673	49,664	43,458	35,373
30		1930..	63,000	26,897	(2)	20,437	50,250	36,150	62,290
31	Increase or decrease (-), 1930-1940	acres.....	6,000	5,862	.....	1,236	-586	7,308	-26,917
32		percent.....	9.5	21.8	.....	6.0	-1.2	20.2	-43.2
33	Land in planted crops	acres....1940..	52,000	14,899	11,717	10,508	37,596	20,084	17,099
34		1930..	53,000	20,813	(2)	11,510	23,100	17,800	29,698
35	Increase or decrease (-), 1930-1940	acres.....	-1,000	-5,914	.....	-1,002	14,496	2,284	-12,599
36		percent.....	-1.9	-28.4	.....	-8.7	62.8	12.8	-42.4
37	Land idle	acres....1940..	.....	17,713	6,998	10,765	1,399	20,991	18,274
38		1930..	6,000	14,241	(2)	8,654	27,150	17,850	33,899
39	Increase or decrease (-), 1930-1940	acres.....	-6,000	3,472	.....	2,111	-25,751	3,141	-15,625
40		percent.....	-100.0	24.4	.....	24.4	-94.8	17.6	-46.1
41	Land available for settlement	acres....1940..	.....	.....	.....	.....	.....	.....	.....
42		1930..	.....	309	.....	.....	.....	.....	6,298
43	Increase or decrease (-), 1930-1940	acres.....	.....	-309	.....	.....	.....	.....	-6,298
44		percent.....	.....	-100.0	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres.....	69,000	32,759	18,715	21,673	49,664	43,458	35,373
46	Length of these ditches	miles.....	77.0	137.6	55.4	63.5	114.0	75.8	72.6
47	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Ballard, Bullitt, Butler, Carlisle, Hickman, McCracken, Marshall, and Spencer Counties in 1940; Ballard, Bullitt, Carlisle, Fulton, Hickman, McCracken, Marshall, Muhlenberg, and Spencer Counties in 1930; and Ballard, Bullitt, Carlisle, Graves, Hickman, Lewis, McCracken, Marshall, Muhlenberg, and Spencer Counties in 1920.

[2] Included in "Other counties."

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Daviess	Fulton[1]	Graves	Hancock	Henderson	Hopkins[1]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[2] 160	46	1	4	11	13	1
	Open ditches:							
2	Completed.....miles.....1940..	1,231.8	457.1	3.0	32.3	58.3	73.2	12.0
3	1930..	1,204.8	339.7	(3)	36.7	55.2	106.0	48.5
4	1920..	664.5	205.1	.....	(3)	19.1	79.1	13.2
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	2.0	2.0	.....	.....	.....	.....	.....
7	1930..	71.0	5.3	.....	.....	.....	.....	44.0
8	1920..	86.2	3.1	.....	(3)	.....	10.0	44.0
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	0.2	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	4,947,994	1,418,069	13,737	378,558	215,240	193,237	31,400
26	1930..	5,357,633	1,339,974	(3)	304,567	238,537	389,465	142,728
27	1920..	1,521,725	249,560	.....	(3)	37,942	189,829	31,016
28	Estimated cost when completed.....dollars.....1940..	4,947,994	1,418,069	13,737	378,558	215,240	193,237	31,400
29	1930..	5,357,633	1,339,974	(3)	304,567	238,537	389,465	142,728
30	1920..	1,820,996	289,555	.....	(3)	222,129	197,571	52,447
31	Average cost per acre when completed.....dollars.....1940..	10.63	12.28	36.24	22.74	14.49	5.09	3.36
32	1930..	9.15	7.87	(3)	19.19	18.41	4.94	6.31
33	1920..	5.08	4.71	.....	(3)	20.65	4.09	3.45
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	4,932,586	1,402,661	13,737	378,558	215,240	193,237	31,400
35	Average amount per acre.....dollars..	10.62	12.22	36.24	22.74	14.49	5.09	3.36
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	15,408	15,408	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	24.85	24.85	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	64,992	10,597	26	879	(3)	4,559	3,665
53	Enterprises reporting.....number...	90	3	1	4	2	11	1
54	Land in these enterprises.....acres....	353,586	47,910	379	16,649	(3)	33,579	9,356
55	Average cost per acre.....dollars..	0.18	0.22	0.07	0.05	(3)	0.14	0.39
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	69	32	.....	1	3	8	1
57	Land in these enterprises.....acres....	288,516	90,248	.....	(4)	2,468	28,938	9,356
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	60,877	2,585	265	4,953	1,797	5,641	2,738
59	Enterprises reporting.....number...	87	4	1	4	3	10	1
60	Land in these enterprises.....acres....	282,468	16,043	379	16,649	2,468	31,079	9,356
61	Average amount collected per acre.....dollars..	0.22	0.16	0.70	0.30	0.73	0.18	0.29
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	28,674	(4)	116	5,811	.....	1,966	1,793
63	Enterprises reporting.....number...	51	1	1	4	.....	9	1
64	Land in these enterprises.....acres....	135,460	(4)	379	16,649	.....	29,934	9,356
65	Portion delinquent in these enterprises.....percent..	21.2	(4)	30.6	34.9	.....	6.6	19.2
66	Total indebtedness, Dec. 31, 1939.....dollars..	758,606	2,545	3,087	157,956	(4)	(4)	.....
67	Enterprises reporting.....number...	33	3	1	4	1	2	.....
68	Land in these enterprises.....acres....	114,261	4,102	379	16,649	(4)	(4)	.....
69	Average indebtedness per acre.....dollars..	6.64	0.62	8.14	9.49	(4)	(4)	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	625,666	2,277	.....	143,540	(3)	.....	.....
71	Enterprises reporting.....number...	25	3	.....	3	1	.....	.....
72	Land in these enterprises.....acres....	103,532	4,102	.....	15,763	(3)	.....	.....
73	Average arrearage per acre.....dollars..	(5)	0.56	.....	9.11	(3)	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	225,535	.....	7,720	(3)	.....	.....	.....
75	Enterprises reporting.....number...	6	.....	1	2	.....	.....	.....
76	Land in these enterprises.....acres....	21,029	.....	379	(3)	.....	.....	.....
77	Average reduction per acre.....dollars..	10.72	.....	20.37	(3)	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 144.
[3] Included in "Other counties."
[4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.
[5] Not computed because acreage of 1 enterprise is included for which amount of arrearage was not reported.

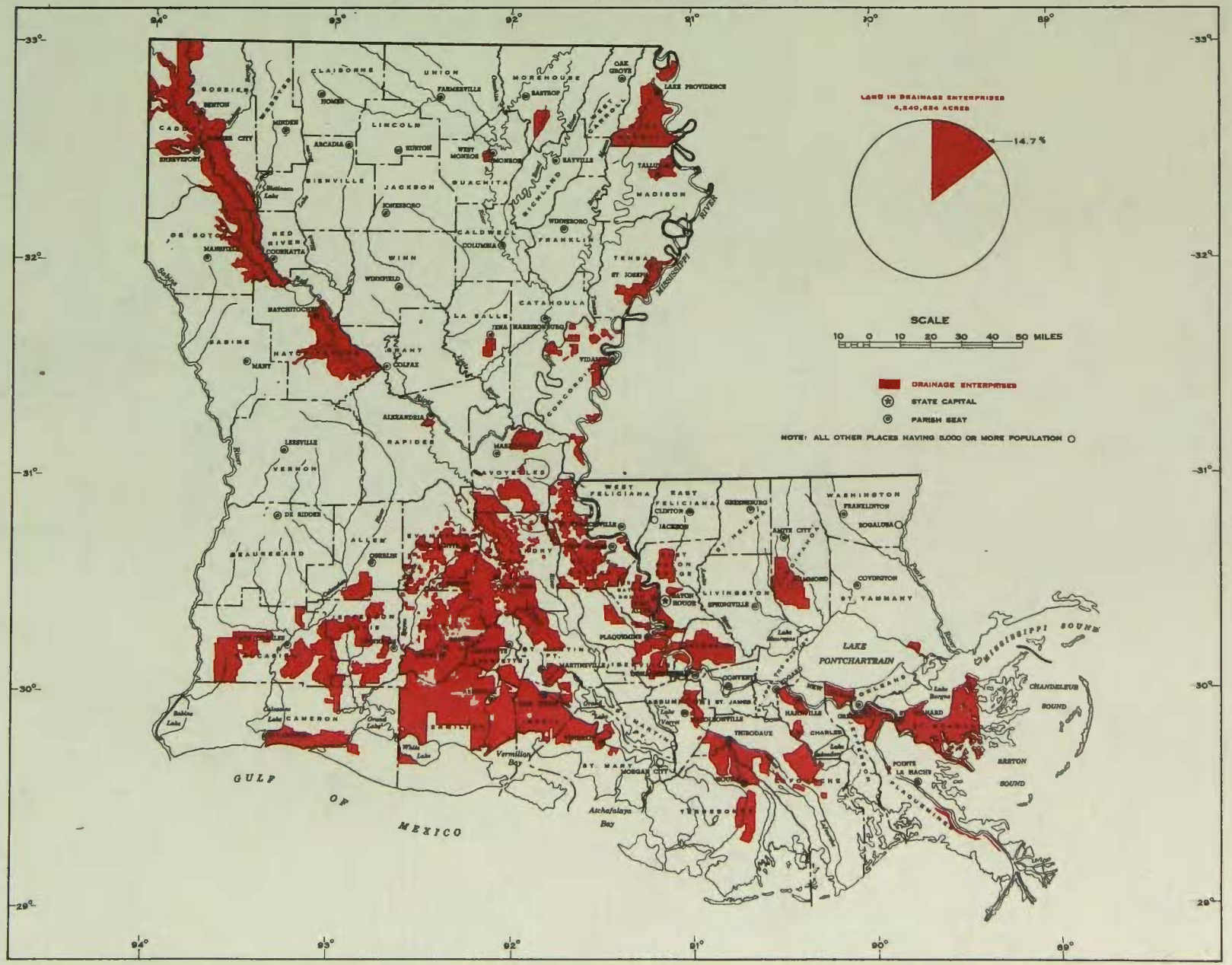
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Jefferson	McLean	Muhlenberg	Ohio	Union	Webster	Other counties[1]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	3	10	5	13	16	27	10
	Open ditches:							
2	Completed.....miles.....1940..	77.0	137.6	55.4	63.5	114.0	75.8	72.6
3	1930..	85.0	120.6	(2)	81.3	73.5	132.2	126.1
4	1920..	38.5	76.6	(2)	24.4	64.3	85.7	58.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	2.8	.....	.....	18.9	.....	.....
8	1920..	.....	0.2	(2)	.....	18.9	.....	10.0
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	0.2	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	600,000	447,746	183,939	251,393	310,004	225,087	679,584
26	1930..	753,000	542,601	(2)	230,286	311,801	151,476	953,198
27	1920..	175,000	194,076	(2)	45,500	267,568	129,609	201,625
28	Estimated cost when completed.....dollars.....1940..	600,000	447,746	183,939	251,393	310,004	225,087	679,584
29	1930..	753,000	542,601	(2)	230,286	311,801	151,476	953,198
30	1920..	197,000	202,992	(2)	45,500	267,568	129,609	216,625
31	Average cost per acre when completed.....dollars.....1940..	8.70	13.67	9.83	11.60	6.24	5.18	19.21
32	1930..	11.95	13.53	(2)	10.39	6.20	4.18	13.01
33	1920..	2.19	10.98	(2)	4.41	8.18	3.06	7.49
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	600,000	447,746	183,939	251,393	310,004	225,087	679,584
35	Average amount per acre.....dollars..	8.70	13.67	9.83	11.60	6.24	5.18	19.21
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	25,000	1,634	534	2,711	6,843	5,529	3,015
53	Enterprises reporting.....number...	3	10	5	8	16	19	7
54	Land in these enterprises.....acres....	69,000	31,632	18,715	13,453	49,664	34,478	28,771
55	Average cost per acre.....dollars..	0.36	0.05	0.03	0.20	0.14	0.16	0.10
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	3	3	2	2	6	5	3
57	Land in these enterprises.....acres....	69,000	15,629	(3)	(3)	14,532	25,995	14,706
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	25,000	887	.....	2,711	7,699	2,841	3,760
59	Enterprises reporting.....number...	3	4	.....	8	16	26	7
60	Land in these enterprises.....acres....	69,000	5,456	.....	13,453	49,664	42,558	26,363
61	Average amount collected per acre.....dollars..	0.36	0.16	.....	0.20	0.16	0.07	0.14
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	(3)	.....	.....	(3)	8,524	8,792
63	Enterprises reporting.....number...	.....	2	.....	.....	1	25	7
64	Land in these enterprises.....acres....	.....	(3)	.....	.....	(3)	41,538	26,363
65	Portion delinquent in these enterprises.....percent..	.....	(3)	.....	.....	(3)	20.5	33.3
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	116,353	(3)	17,837	750	(3)	398,796
67	Enterprises reporting.....number...	.....	6	1	3	3	1	8
68	Land in these enterprises.....acres....	.....	23,294	(3)	7,781	2,400	(3)	32,873
69	Average indebtedness per acre.....dollars..	.....	4.99	(3)	2.29	0.31	(3)	12.13
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	89,672	(2)	17,837	.....	(4)	[5] 372,340
71	Enterprises reporting.....number...	.....	6	1	3	.....	1	7
72	Land in these enterprises.....acres....	.....	23,294	(2)	7,781	.....	(2)	[5] 52,592
73	Average arrearage per acre.....dollars..	.....	3.85	(2)	2.29	.....	.....	(6)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	217,815
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	3
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	20,650
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	10.55

[1] Includes Ballard, Bullitt, Butler, Carlisle, Hickman, McCracken, Marshall, and Spencer Counties in 1940; Ballard, Bullitt, Carlisle, Fulton, Hickman, McCracken, Marshall, Muhlenberg, and Spencer Counties in 1930; and Ballard, Bullitt, Carlisle, Graves, Hickman, Lewis, McCracken, Marshall, Muhlenberg, and Spencer Counties in 1920. [2] Included in "Other counties." [3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1 on page 215. [4] Amount not reported. [5] Includes data for Hancock, Muhlenberg, and Webster Counties with those named in footnote 1. [6] Not computed because acreage of 1 enterprise is included for which amount of arrearage was not reported.

LOUISIANA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	28,913,280	29,061,760	29,061,760	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	4,219,624	3,655,483	2,266,328	564,141	15.4	1,389,155	61.3
Improved.....acres.....	2,597,311	2,267,737	1,269,391	329,574	14.5	998,346	78.6
Unimproved:							
Timber and cut-over.....acres.....	943,924	746,560	467,822	197,364	26.4	278,738	59.6
Other.....acres.....	678,389	641,186	529,115	37,203	5.8	112,071	21.2
Drainage sufficient for normal crop.....acres.....	3,172,725	2,486,972	(1)	685,753	27.6	.....	.....
Partly drained, for partial crop.....acres.....	317,411	381,622	(1)	-64,211	-16.8	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	729,488	786,889	[2] 569,189	-57,401	-7.3	217,700	38.2
In occupied farms.....acres.....	2,512,250	2,571,531	(1)	-59,281	-2.3	.....	.....
In planted crops.....acres.....	1,356,366	1,822,620	(1)	-466,254	-25.6	.....	.....
Idle.....acres.....	656,011	1,348,437	(1)	-692,426	-51.4	.....	.....
Available for settlement.....acres.....	160,269	338,867	(1)	-178,598	-52.7	.....	.....
Open ditches, completed.....miles.....	7,105.5	7,701.2	1,771.6	-595.7	-7.7	5,929.6	334.7
Tile drains, completed.....miles.....	6.0	2.0	0.2	4.0	200.0	1.8	900.0
Drainage pumping plants, capacity.....horsepower....	11,041	6,495	7,665	4,546	70.0	-1,170	-15.3
gal. per min..	5,055,600	2,956,500	5,245,150	2,099,100	71.0	-2,288,650	-43.6
Capital invested in enterprises.....dollars.....	23,361,758	20,752,645	9,021,991	2,609,113	12.6	11,730,654	130.0
Average per acre.....dollars.....	5.54	5.68	3.98	-0.14	-2.5	1.70	42.7

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For interparish enterprises the portion in each parish is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	4,703,474	4,093,113	2,342,034	4,219,624	5,000 to 9,999 acres.....	291,267	259,448	159,161	285,000
					10,000 to 19,999 acres.....	729,869	2,044,093	1,037,196	660,211
200 to 499 acres.....	462	.....	.....	462	20,000 to 49,999 acres.....	1,530,263			1,406,490
500 to 999 acres.....	219,183	309,076	2,269	137,081	50,000 to 99,999 acres.....	762,667	664,813	628,385	651,620
1,000 to 1,999 acres.....	137,499	258,698	64,063	115,520	100,000 to 199,999 acres.....	399,216	556,985	450,960	348,780
2,000 to 4,999 acres.....	210,703			192,115	200,000 acres and over.....	422,345			422,345

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,219,624	100.0	23,361,758	100.0
Drainage districts.....	3,792,221	89.9	21,831,468	93.4
Parish drains.....	3,500	0.1	136,911	0.6
Irrigation enterprises—Non-Federal.....	11,600	0.3	67,832	0.3
Commercial developments:				
Incorporated.....	39,418	0.9	533,800	2.3
Unincorporated.....	11,126	0.3	24,800	0.1
Individually owned projects.....	361,759	8.5	766,947	3.3

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,219,624	100.0	3,655,483	100.0	2,266,328	100.0	23,361,758	100.0	20,752,645	100.0	9,021,991	100.0
Gravity drainage only by—												
Open ditches.....	4,074,308	96.5	3,527,320	96.5	2,111,858	93.2	16,648,255	71.3	14,397,845	69.4	5,052,248	56.0
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains...	.....	.....	5,000	0.1			.....	.....	15,000	0.1		
All drained by pumping by—												
Open ditches.....	91,016	2.2	123,163	3.4	137,250	6.0	4,073,503	17.4	6,339,800	30.5	3,836,743	42.5
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	28,000	0.7					2,500,000	10.7				
Part only by pumping by—												
Open ditches.....	25,000	0.6	.....	.....	17,220	0.8	130,000	0.6	.....	.....	133,000	1.5
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	1,300	(2)					10,000	(2)				
Total area served by pumps.....	123,066	2.9	123,163	3.4	140,809	6.2	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind or drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER	Enterprises	CAPACITY		Land served	KIND OF POWER	Enterprises	CAPACITY		Land served
		Engine or motor	Pump				Engine or motor	Pump	
	Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*	*Number*	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises....1940..	22	11,041	100.0	5,055,600	123,066	Internal combustion.....1940..	16	5,761	52.2	2,625,600	73,866
1930..	18	6,495	100.0	2,956,500	123,163	1930..	11	3,555	54.7	1,373,500	79,804
1920..	29	7,665	100.0	5,245,150	140,809	1920..	10	1,860	24.3	743,650	29,162
Steam.....1940..	1	120	1.1	50,000	2,000	Steam and electric.....1940..	.....	.....	.....	.....	.....
1930..	5	1,590	24.5	920,000	29,962	1930..	.....	.....	.....	.....	.....
1920..	18	5,105	66.6	4,281,300	104,684	1920..	1	700	9.1	220,200	6,943
Electric.....1940..	3	2,150	19.5	1,030,000	21,000	Steam and internal combustion...1940..	.....	.....	.....	.....	.....
1930..	1	150	2.3	63,000	4,000	1930..	1	1,200	18.5	600,000	9,397
1920..	.....	.....	.....	.....	.....	1920..	.....	.....	.....	.....	.....
						Steam, electric, and internal combustion.....1940..	2	3,010	27.2	1,350,000	26,200

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP	PUMPS			Engine or motor capacity	Land served
	Number	Capacity			
		G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises.....1940..	59	5,055,600	100.0	11,041	123,066
1930..	52	2,956,500	100.0	6,495	123,163
Centrifugal.....1940..	27	1,835,600	36.3	3,841	55,850
1930..	31	1,710,000	57.8	3,635	79,097
Rotary.....1940..	.....	.....	.....	.....	.....
1930..	11	261,500	8.9	750	11,216
Screw.....1940..	11	625,000	12.4	1,530	19,434
1930..	3	140,000	4.7	330	3,796
Centrifugal and—Rotary.....1940..	.....	.....	.....	.....	.....
1930..	4	500,000	16.9	700	15,000
Screw.....1940..	19	2,545,000	50.3	5,550	45,782
1930..	3	345,000	11.7	1,080	14,054
Paddle wheel.....1940..	2	50,000	1.0	120	2,000
1930..	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	4,219,624	100.0	3,655,483	100.0	23,361,758	100.0	20,752,645	100.0	78,168	147,008
Enterprises in arrears	517,040	12.3	351,578	9.6	2,885,992	12.3	1,445,000	7.0	17,385	110,000
With some delinquent land	349,878	8.3	225,000	6.1	2,111,592	9.0	975,000	4.7	17,385	110,000
With no delinquent land	167,162	4.0	126,578	3.5	774,400	3.3	470,000	2.3	.....	.....
Enterprises not in arrears	3,702,584	87.7	3,303,905	90.4	20,475,766	87.7	19,307,645	93.0	60,783	37,008
With some delinquent land	747,879	17.7	205,460	5.6	7,878,000	33.7	3,623,898	17.5	60,783	37,008
With no delinquent land	2,954,705	70.0	2,840,632	77.7	12,597,766	54.0	14,905,247	71.8	.....	.....
With no report on delinquency	.....	.....	257,813	7.1	.....	.....	778,500	3.7	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	4,219,624	23,361,758	10,797,537	666,198	2,162,706	78,168	1,117,208
Enterprises in debt	3,077,448	19,803,500	10,797,537	666,198	2,162,706	77,968	1,100,475
In arrears, amount of arrearage stated	517,040	2,885,992	2,124,794	666,198	.....	17,385	132,384
Collecting drainage taxes in 1939	517,040	2,885,992	2,124,794	666,198	.....	17,385	132,384
No collections reported	.....	.....	.....	.....	.....	.....	.....
Not in arrears	2,560,408	16,917,508	8,672,743	.....	2,162,706	60,583	968,091
Collecting drainage taxes in 1939	2,541,528	16,759,697	8,640,743	.....	2,162,706	60,583	968,091
No collections reported	18,880	157,811	32,000	.....	.....	.....	.....
Enterprises not in debt	1,142,176	3,558,258	.....	.....	.....	200	16,733
Collecting drainage taxes in 1939	78,614	541,550	.....	.....	.....	200	16,733
No collections reported	1,063,562	3,016,708	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	4,219,624	100.0	23,361,758	100.0
Improvement of land already in farms	3,202,427	75.9	13,289,133	56.9
Reclamation of swamp land not previously in farms	475,747	11.3	6,805,142	29.1
Protection against overflow	527,450	12.5	3,049,651	13.1
Removal of alkali or seepage from irrigation	14,000	0.3	217,832	0.9

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	4,219,624	100.0	4,703,474	483,850	23,361,758	100.0
Before 1870	30,456	0.7	53,936	23,480	47,395	0.2
1870–1879	12,874	0.3	20,115	7,241	11,345	0.1
1880–1889	50,024	1.2	89,364	39,340	128,680	0.6
1890–1899	276,034	6.5	303,096	27,062	2,335,556	10.0
1900–1904	155,168	3.7	230,979	75,811	708,582	3.0
1905–1909	257,714	6.1	352,468	94,754	673,469	2.9
1910–1914	859,208	20.4	967,388	108,180	4,933,237	21.1
1915–1919	707,024	16.8	787,021	79,997	3,137,591	13.4
1920–1924	812,944	19.3	819,724	6,780	7,149,167	30.6
1925–1929	502,676	11.9	523,881	21,205	2,661,950	11.4
1930–1934	258,083	6.1	258,083	.....	1,058,615	4.5
1935–1939	297,419	7.0	297,419	.....	516,171	2.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	4,219,624	3,172,725	75.2	317,411	729,488	2,597,311	61.6	943,924	678,389	2,512,250	59.5	1,356,366	656,011	160,269
Before 1870	30,456	25,011	82.1	1,011	4,434	18,596	61.0	10,911	949	24,305	79.8	11,515	9,059	.....
1870–1879	12,874	9,747	75.7	287	2,840	7,802	60.6	4,772	300	10,198	79.2	4,635	4,703	.....
1880–1889	50,024	27,056	54.1	1,050	21,918	18,571	37.1	14,376	17,077	30,828	61.6	10,500	16,653	.....
1890–1899	276,034	208,731	75.6	31,355	35,948	109,935	39.8	164,078	2,021	142,905	51.8	56,467	17,537	3,000
1900–1904	155,168	115,235	74.3	24,615	15,318	116,310	75.0	22,434	16,424	108,728	70.1	67,038	29,208	1,600
1905–1909	257,714	190,135	73.8	21,401	46,178	178,280	69.2	20,374	59,060	159,539	61.9	90,828	30,893	2,000
1910–1914	859,208	495,802	57.7	27,306	336,100	396,498	46.1	136,727	325,983	436,019	50.7	207,968	67,626	17,845
1915–1919	707,024	597,655	84.5	54,688	54,681	567,305	80.2	70,308	69,411	515,892	73.0	274,267	82,075	4,500
1920–1924	812,944	667,430	82.1	67,651	77,863	566,162	69.6	200,801	45,981	505,584	62.2	313,156	168,843	54,330
1925–1929	502,676	405,420	80.6	26,651	70,605	363,633	72.3	69,994	69,049	330,350	65.7	191,289	71,610	23,294
1930–1934	258,083	216,461	83.9	12,255	29,367	130,535	50.6	101,554	25,994	128,099	49.6	60,504	42,325	.....
1935–1939	297,419	214,042	72.0	49,141	34,236	123,684	41.6	127,595	46,140	119,803	40.3	68,199	115,479	53,700

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	4,219,624	4,219,039	3,305,042	913,997	374,903	0.09	0.11
Gravity drainage only	4,074,308	4,073,723	3,161,026	912,697	233,794	0.06	0.07
Open ditches only	3,411,021	3,410,436	2,757,139	653,297	131,605	0.04	0.05
Open ditches and levees	663,287	663,287	403,887	259,400	102,189	0.15	0.25
Pumping for all or part of drainage	145,316	145,316	144,016	1,300	141,109	0.97	0.98
All drainage by pumping	119,016	119,016	119,016	.....	136,114	1.14	1.14
Part pumping and part gravity	26,300	26,300	25,000	1,300	4,995	0.19	0.20

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	4,219,624	100.0	23,361,758	100.0
Method:				
By district forces	2,560,528	60.7	16,216,272	69.4
By contract	819,062	19.4	4,216,590	18.1
Work apportioned to landowners	566,595	13.4	1,798,871	7.7
"None," or not reporting	273,439	6.5	1,130,025	4.8
Whether systematic:				
Reporting "yes"	2,847,160	67.5	18,951,150	81.1
Reporting "no"	1,346,489	31.9	4,332,683	18.6
Not reporting	25,975	0.6	77,925	0.3

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	4,219,624	429,763	10.2
Capital invested.....dollars	23,361,758	6,784,800	29.0
Drainage works:			
Open ditches.....miles	7,105.5	1,022.7	14.4
Tile drains.....miles	6.0	1.0	16.7
Levees.....miles	624.4	149.0	23.9

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	1,765,417	14,162,172	2,546.8	1.0	376.1
Work Projects Administration	823,021	9,878,222	1,169.1	1.0	328.0
Civilian Conservation Corps	843,866	3,383,950	1,263.7	.....	27.1
Public Works Administration	98,530	900,000	114.0	.....	21.0

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	4,219,624	[1]1,746,547	41.4
Capital invested.....dollars	23,361,758	13,268,068	56.8
Drainage works:			
Open ditches.....miles	7,105.5	3,078.2	43.3
Tile drains.....miles	6.0	6.0	100.0
Levees.....miles	624.4	375.8	60.2

[1]The land actually dependent upon outside agencies for protection is 1,587,166 acres, which is 90.9 percent of all land in these protected enterprises.

PARISH TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Acadia	Allen[1]	Ascension	Assumption	Avoyelles	Bossier	Calcasieu
	LAND AREA								
1	Approximate land area.....acres....1940..	28,913,280	423,680	496,000	192,000	228,480	528,640	538,240	706,560
2	Drainage enterprises.....number...1940..	[2]511	57	1	4	5	7	3	10
3	Land in enterprises.....acres....1940..	4,219,624	252,683	34,189	85,175	28,850	121,720	128,840	225,177
4	1930..	3,655,483	266,582	34,149	90,517	100,800	148,999	20,000	180,039
5	1920..	2,266,328	159,000	12,500	94,500	53,500	55,509	20,000	101,930
6	Area of all enterprises, overlapping included.....acres....1940..	4,703,474	309,820	34,189	85,175	28,850	122,920	128,840	237,177
7	Amount of overlapping.....acres....1940..	483,850	57,137	.....	.....	.....	1,200	.....	12,000
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	3,172,725	252,511	34,000	67,125	24,887	79,809	98,281	178,061
9	1930..	2,486,972	221,770	32,149	52,317	64,925	57,490	12,000	160,159
10	Increase or decrease (-), 1930-1940.....acres.....	685,753	30,741	1,851	14,808	-40,038	22,319	86,281	17,902
11	percent.....	27.6	13.9	5.8	28.3	-61.7	38.8	719.0	11.2
12	Land undrained, unfit for any crop.....acres....1940..	729,488	172	.....	12,000	3,325	31,551	12,350	27,836
13	1930..	786,889	10,330	2,000	18,200	35,575	63,709	2,000	19,880
14	Increase or decrease (-), 1930-1940.....acres.....	-57,401	-10,158	-2,000	-6,200	-32,250	-32,158	10,350	7,956
15	percent.....	-7.3	-98.3	-100.0	-34.1	-90.6	-50.5	517.5	40.0
16	Land partly drained, for partial crop.....acres....1940..	317,411	.....	189	6,050	638	10,360	18,209	19,280
17	1930..	381,622	34,482	.....	20,000	300	27,800	6,000	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-64,211	-34,482	189	-13,950	338	-17,440	12,209	19,280
19	percent.....	-16.8	-100.0	.....	-69.8	112.7	-62.7	203.5	.....
20	Improved land.....acres....1940..	2,597,311	237,039	13,189	65,474	24,237	53,985	97,600	169,360
21	1930..	2,267,737	199,628	15,094	46,817	59,675	58,518	12,000	95,000
22	1920..	1,269,391	154,000	12,500	56,100	20,625	35,228	12,000	62,601
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	943,924	15,012	21,000	16,467	3,875	67,450	6,325	16,855
24	1930..	746,560	61,034	3,960	35,700	40,700	43,100	6,000	24,258
25	1920..	467,822	5,000	.....	38,400	31,675	20,281	6,000	6,909
26	Other unimproved land.....acres....1940..	678,389	632	.....	3,234	738	285	24,915	38,962
27	1930..	641,186	5,920	15,095	8,000	425	47,381	2,000	60,781
28	1920..	529,115	.....	.....	.....	1,200	.....	2,000	32,420
29	Land in occupied farms.....acres....1940..	2,512,250	179,000	15,000	59,410	24,200	47,142	109,465	154,518
30	1930..	2,571,531	263,987	15,094	44,517	60,125	73,590	12,000	95,000
31	Increase or decrease (-), 1930-1940.....acres.....	-59,281	-84,987	-94	14,893	-35,925	-26,448	97,465	59,518
32	percent.....	-2.3	-32.2	-0.6	33.4	-59.8	-35.9	812.2	62.6
33	Land in planted crops.....acres....1940..	1,356,366	101,000	13,000	28,500	18,560	29,942	70,500	69,360
34	1930..	1,822,620	173,844	15,094	24,550	57,025	43,990	12,000	95,000
35	Increase or decrease (-), 1930-1940.....acres.....	-466,254	-72,844	-2,094	3,950	-38,465	-14,048	58,500	-25,640
36	percent.....	-25.6	-41.9	-13.9	16.1	-67.4	-31.9	487.5	-27.0
37	Land idle.....acres....1940..	656,011	18,463	200	12,879	2,713	37,175	21,230	25,158
38	1930..	1,348,437	56,514	19,055	36,450	38,275	47,800	8,000	83,967
39	Increase or decrease (-), 1930-1940.....acres.....	-692,426	-38,051	-18,855	-23,571	-35,562	-10,625	13,230	-58,809
40	percent.....	-51.4	-67.3	-99.0	-64.7	-92.9	-22.2	165.4	-70.0
41	Land available for settlement.....acres....1940..	160,269	.....	.....	.....	1,000	13,700	9,225	10,000
42	1930..	338,867	.....	.....	7,800	.....	14,200	6,000	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-178,598	.....	.....	-7,800	1,000	-500	3,225	10,000
44	percent.....	-52.7	.....	.....	-100.0	.....	-3.5	53.8	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	3,411,021	211,683	34,189	85,175	28,850	121,720	112,840	225,177
46	Length of these ditches.....miles.....	5,978.0	510.0	40.0	89.5	28.5	107.5	73.0	280.5
47	Part protected by levees of an outside agency.....acres.....	1,242,274	.....	.....	85,175	.....	2,700	112,840	.....
48	Land drained by open ditches and own levees.....acres.....	663,287	41,000	.....	.....	.....	.....	16,000	.....
49	Length of these ditches.....miles.....	550.1	39.0	.....	.....	.....	.....	35.0	.....
50	Length of these levees.....miles.....	385.3	1.0	.....	.....	.....	.....	3.0	.....
51	Part protected by levees of an outside agency.....acres.....	242,747	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	145,316	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises.....miles.....	577.4	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	6.0	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	239.1	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	102,145	.....	.....	.....	.....	.....	.....	.....

[1]For parishes having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2]An interparish enterprise is counted in each parish in which a part is located. The number of separate enterprises in the State is 495.
[3]Data in lines 68 to 72 are not included in lines 45 to 67.

PARISH TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Cameron	Concordia	East Baton Rouge	East Carroll	Evangeline	Iberia	Iberville	Jefferson	Jefferson Davis
	LAND AREA										
1	Approximate land area	acres....1940..	924,160	453,760	295,680	276,480	430,080	376,320	391,040	261,760	421,120
2	Drainage enterprises	number...1940..	8	21	4	5	55	12	9	4	11
3	Land in enterprises	acres....1940..	96,960	64,903	52,509	142,334	126,089	163,308	98,588	43,800	128,781
4		1930..	56,220	23,345	44,500	129,944	132,327	139,499	122,715	48,459	101,239
5		1920..	45,587	.....	28,508	.....	9,100	121,990	102,515	29,293	55,020
6	Area of all enterprises, overlapping included	acres....1940..	107,660	64,903	52,509	142,334	141,498	189,848	98,588	43,800	135,313
7	Amount of overlapping	acres....1940..	10,700	.....	.....	.....	15,409	26,540	.....	.....	6,532
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres....1940..	29,390	50,655	38,892	124,954	117,944	118,272	85,243	40,500	119,212
9		1930..	56,040	23,345	40,500	118,835	101,318	78,699	68,115	22,392	101,239
10	Increase or decrease (-), 1930-1940	acres.....	-26,650	27,310	-1,608	6,119	16,626	39,573	17,128	18,108	17,973
11		percent.....	-47.6	117.0	-4.0	5.1	16.4	50.3	25.1	80.9	17.8
12	Land undrained, unfit for any crop	acres....1940..	65,570	2,627	9,550	3,680	4,746	36,130	7,619	1,750	5,519
13		1930..	.....	.....	.....	7,469	8,532	800	19,600	15,884	.....
14	Increase or decrease (-), 1930-1940	acres.....	65,570	2,627	9,550	-3,789	-3,786	35,330	-11,981	-14,134	5,519
15		percent.....	.....	.....	.....	-50.7	-44.4	(1)	-61.1	-89.0	.....
16	Land partly drained, for partial crop	acres....1940..	2,000	11,621	4,067	13,700	3,399	8,906	5,726	1,550	4,050
17		1930..	180	.....	4,000	3,640	22,477	60,000	35,000	10,183	.....
18	Increase or decrease (-), 1930-1940	acres.....	1,820	11,621	67	10,060	-19,078	-51,094	-29,274	-8,633	4,050
19		percent.....	(1)	.....	1.7	276.4	-84.9	-85.2	-83.6	-84.8	.....
20	Improved land	acres....1940..	30,390	27,935	37,900	105,319	97,874	111,885	69,596	30,000	118,737
21		1930..	35,420	23,345	34,250	48,715	104,942	138,699	85,893	24,750	51,150
22		1920..	21,025	.....	9,693	.....	9,100	[2]87,789	66,836	[2]8,737	53,472
	Unimproved land:										
23	Woodland and cut-over land	acres....1940..	.....	33,700	2,492	35,615	26,437	9,600	28,892	12,250	1,800
24		1930..	.....	.....	2,000	81,229	26,810	.....	29,822	100	21,069
25		1920..	.....	.....	9,408	.....	.....	.....	18,189	7,569	.....
26	Other unimproved land	acres....1940..	66,570	3,268	12,117	1,400	1,778	41,823	100	1,550	8,244
27		1930..	20,800	.....	8,250	.....	575	800	7,000	23,609	29,020
28		1920..	24,562	.....	9,407	.....	.....	34,201	17,490	12,987	1,548
29	Land in occupied farms	acres....1940..	30,000	63,672	32,350	95,500	89,394	94,456	59,457	10,000	114,930
30		1930..	45,900	23,345	44,500	104,000	130,176	138,699	80,893	19,877	52,150
31	Increase or decrease (-), 1930-1940	acres.....	-15,900	40,327	-12,150	-8,500	-40,782	-44,243	-21,436	-9,877	62,780
32		percent.....	-34.6	172.7	-27.3	-8.2	-31.3	-31.9	-26.5	-49.7	120.4
33	Land in planted crops	acres....1940..	11,800	20,891	13,400	52,500	59,300	62,320	26,600	3,000	57,705
34		1930..	27,520	14,250	32,000	45,144	94,153	71,699	61,200	10,077	51,150
35	Increase or decrease (-), 1930-1940	acres.....	-15,720	6,641	-18,600	7,356	-34,853	-9,379	-34,600	-7,077	6,555
36		percent.....	-57.1	46.6	-58.1	16.3	-37.0	-13.1	-56.5	-70.2	12.8
37	Land idle	acres....1940..	10,450	7,554	5,550	12,000	35,115	15,000	21,589	17,750	5,427
38		1930..	9,400	8,795	8,250	83,382	25,807	50,800	42,222	28,582	50,089
39	Increase or decrease (-), 1930-1940	acres.....	1,050	-1,241	-2,700	-71,382	9,308	-35,800	-20,633	-10,832	-44,662
40		percent.....	11.2	-14.1	-32.7	-85.6	36.1	-70.5	-48.9	-37.9	-89.2
41	Land available for settlement	acres....1940..	500	.....	.....	11,000	17,199	.....	7,000	19,000	4,500
42		1930..	.....	.....	.....	9,500	1,361	.....	34,722	27,698	22,349
43	Increase or decrease (-), 1930-1940	acres.....	500	.....	.....	1,500	15,838	.....	-27,722	-8,698	-17,849
44		percent.....	.....	.....	.....	15.8	(1)	.....	-79.8	-31.4	-79.9
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres.....	70,860	52,676	52,509	142,334	126,089	163,308	98,588	.....	119,118
46	Length of these ditches	miles.....	28.5	136.7	44.5	113.0	275.1	181.0	122.0	.....	161.0
47	Part protected by levees of an outside agency	acres.....	.....	43,590	52,509	142,334	.....	7,645	98,588	.....	.....
48	Land drained by open ditches and own levees	acres.....	25,200	12,227	.....	.....	.....	.....	.....	.....	9,663
49	Length of these ditches	miles.....	51.0	34.0	.....	.....	.....	.....	.....	.....	17.0
50	Length of these levees	miles.....	33.5	15.8	.....	.....	.....	.....	.....	.....	7.0
51	Part protected by levees of an outside agency	acres.....	.....	1,000	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3]	acres.....	900	.....	.....	.....	.....	.....	.....	43,800	.....
69	Length of open ditches owned by these enterprises	miles.....	4.5	.....	.....	.....	.....	.....	.....	153.0	.....
70	Length of tile owned by these enterprises	miles.....	.....	.....	.....	.....	.....	.....	.....	1.0	.....
71	Length of levees owned by these enterprises	miles.....	5.0	.....	.....	.....	.....	.....	.....	54.5	.....
72	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	43,800	.....

[1] Percent not shown when more than 1,000.
[2] Office estimate; the reported figures exceeded the improved acreage in all farms in the parish as determined by the Federal Census of Agriculture.
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

PARISH TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Lafayette	Lafourche	La Salle[1]	Morehouse[1]	Plaquemines	Pointe Coupee	St. Landry
	LAND AREA							
1	Approximate land area.....acres....1940..	181,120	740,480	408,320	514,560	629,760	360,960	595,200
2	Drainage enterprises.....number...1940..	6	13	1	1	5	115	96
3	Land in enterprises.....acres....1940..	93,927	118,724	12,470	18,462	25,678	190,519	304,818
4	1930..	103,673	62,942	12,000	17,000	14,793	184,642	294,801
5	1920..	77,990	51,147	5,000	18,075	21,839	173,880	.....
6	Area of all enterprises, overlapping included.....acres....1940..	93,927	143,300	12,470	18,462	25,678	231,615	383,547
7	Amount of overlapping.....acres....1940..	.....	24,576	.....	.....	.....	41,096	78,729
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	91,177	62,127	10,970	16,462	24,178	144,525	237,479
9	1930..	103,673	47,424	1,000	13,000	11,338	122,099	197,727
10	Increase or decrease (-), 1930-1940.....acres.....	-12,496	14,703	9,970	3,462	12,840	22,426	39,752
11	percent.....	-12.0	31.0	997.0	26.6	113.2	18.4	20.1
12	Land undrained, unfit for any crop.....acres....1940..	1,150	46,858	1,000	500	500	14,452	43,482
13	1930..	.....	13,558	3,000	2,000	1,880	22,750	31,332
14	Increase or decrease (-), 1930-1940.....acres.....	1,150	33,300	-2,000	-1,500	-1,380	-8,298	12,150
15	percent.....	.....	245.6	-66.7	-75.0	-73.4	-36.5	38.8
16	Land partly drained, for partial crop.....acres....1940..	1,600	9,739	500	1,500	1,000	31,542	23,857
17	1930..	.....	1,960	8,000	2,000	1,575	39,793	65,742
18	Increase or decrease (-), 1930-1940.....acres.....	1,600	7,779	-7,500	-500	-575	-8,251	-41,885
19	percent.....	.....	396.9	-93.8	-25.0	-36.5	-20.7	-63.7
20	Improved land.....acres....1940..	90,977	60,250	1,500	14,962	10,978	91,068	237,953
21	1930..	103,673	41,225	1,000	13,000	12,738	107,702	209,453
22	1920..	75,490	30,075	500	14,460	14,999	96,522	.....
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	1,100	29,375	10,970	3,500	12,200	83,817	61,370
24	1930..	.....	16,661	10,000	2,000	100	76,616	75,729
25	1920..	.....	6,867	4,500	3,615	5,985	77,358	.....
26	Other unimproved land.....acres....1940..	1,850	29,099	.....	.....	2,500	15,634	5,495
27	1930..	.....	5,056	1,000	2,000	1,955	324	9,619
28	1920..	2,500	14,205	.....	.....	855	.....	.....
29	Land in occupied farms.....acres....1940..	86,146	76,480	7,000	15,000	20,621	99,313	256,634
30	1930..	103,673	51,840	2,000	15,000	7,866	182,861	273,635
31	Increase or decrease (-), 1930-1940.....acres.....	-17,527	24,640	5,000	.....	12,755	-83,548	-17,001
32	percent.....	-16.9	47.5	250.0	.....	162.2	-45.7	-6.2
33	Land in planted crops.....acres....1940..	62,681	37,177	1,200	10,000	4,096	37,500	162,500
34	1930..	100,500	31,493	1,000	12,000	4,510	100,072	184,585
35	Increase or decrease (-), 1930-1940.....acres.....	-37,819	5,684	200	-2,000	-414	-62,572	-22,085
36	percent.....	-37.6	18.0	20.0	-16.7	-9.2	-62.5	-12.0
37	Land idle.....acres....1940..	1,800	18,625	.....	2,000	3,045	96,392	67,183
38	1930..	.....	26,359	10,500	.....	8,723	75,900	35,559
39	Increase or decrease (-), 1930-1940.....acres.....	1,800	-7,734	-10,500	2,000	-5,678	20,492	31,624
40	percent.....	.....	-29.3	-100.0	.....	-65.1	27.0	88.9
41	Land available for settlement.....acres....1940..	500	.....	.....	1,000	2,545	200	.....
42	1930..	.....	.....	7,000	.....	5,447	781	2,309
43	Increase or decrease (-), 1930-1940.....acres.....	500	.....	-7,000	1,000	-2,902	-581	-2,309
44	percent.....	.....	.....	-100.0	.....	-53.3	-74.4	-100.0
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	93,927	62,892	12,470	18,462	.....	190,519	304,818
46	Length of these ditches.....miles.....	208.0	60.4	7.0	17.5	.....	1,160.2	1,172.6
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	18,462	.....	156,403	165,712
48	Land drained by open ditches and own levees.....acres.....	.....	19,561	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	17.0	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	5.0	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	19,561	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2].....acres.....	.....	36,271	.....	.....	25,678	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	252.9	.....	.....	83.0	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	5.0	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	72.1	.....	.....	29.5	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	25,678	.....	.....

[1] For parishes having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Data in lines 68 to 72 are not included in lines 45 to 67.

PARISH TABLE 1 — LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	St. Martin	St. Mary	Tangipahoa[1]	Terrebonne	Vermilion	West Baton Rouge	Other parishes[2]
	LAND AREA							
1	Approximate land area.....acres....1940..	472,320	387,200	513,920	890,240	783,360	128,640	5,559,040
2	Drainage enterprises.....number...1940..	5	7	2	5	18	6	15
3	Land in enterprises.....acres....1940..	82,803	63,193	77,855	94,158	438,433	52,973	851,705
4	1930..	77,032	55,676	63,000	75,652	428,748	89,383	536,807
5	1920..	.....	58,615	.....	35,400	338,771	136,960	459,699
6	Area of all enterprises, overlapping included.....acres....1940..	95,851	71,282	77,855	107,595	592,189	70,731	855,548
7	Amount of overlapping.....acres....1940..	13,048	3,089	.....	13,437	153,756	17,758	3,843
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	60,895	55,691	73,813	50,631	280,414	49,693	554,934
9	1930..	56,032	42,300	63,000	33,000	251,250	67,885	265,951
10	Increase or decrease (-), 1930-1940.....acres.....	4,863	13,391	10,813	17,631	29,164	-18,192	288,983
11	percent.....	8.7	31.6	17.2	53.4	11.6	-26.8	108.7
12	Land undrained, unfit for any crop.....acres....1940..	12,217	6,380	1,917	23,198	133,185	470	219,754
13	1930..	10,000	12,436	.....	33,000	168,300	18,498	266,156
14	Increase or decrease (-), 1930-1940.....acres.....	2,217	-6,056	1,917	-9,802	-35,115	-18,028	-46,402
15	percent.....	22.2	-48.7	.....	-29.7	-20.9	-97.4	-17.4
16	Land partly drained, for partial crop.....acres....1940..	9,691	1,122	2,125	20,329	24,834	2,810	77,017
17	1930..	11,000	940	.....	9,652	9,198	3,000	4,700
18	Increase or decrease (-), 1930-1940.....acres.....	-1,309	182	2,125	10,677	15,636	-190	72,317
19	percent.....	-11.9	19.4	.....	110.6	170.0	-6.3	[3]
20	Improved land.....acres....1940..	59,917	54,471	30,000	39,675	283,093	42,249	289,698
21	1930..	56,032	39,000	30,000	42,186	251,098	62,627	264,107
22	1920..	.....	42,363	.....	26,550	[4] 186,912	[4] 38,337	[4] 133,477
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	18,258	3,103	35,000	22,815	7,196	10,338	347,112
24	1930..	16,000	3,736	33,000	12,500	13,500	23,801	87,135
25	1920..	.....	4,055	.....	8,850	17,231	98,623	197,307
26	Other unimproved land.....acres....1940..	4,628	5,619	12,855	31,668	148,144	386	214,895
27	1930..	5,000	12,940	.....	20,966	164,150	2,955	185,565
28	1920..	.....	12,197	.....	.....	134,628	.....	228,915
29	Land in occupied farms.....acres....1940..	57,870	55,200	28,000	48,699	251,500	39,213	292,080
30	1930..	56,032	36,000	30,000	42,186	255,898	63,030	247,657
31	Increase or decrease (-), 1930-1940.....acres.....	1,838	19,200	-2,000	6,513	-4,398	-23,817	44,423
32	percent.....	3.3	53.3	-6.7	15.4	-1.7	-37.8	17.9
33	Land in planted crops.....acres....1940..	29,000	34,750	19,500	24,350	118,200	23,543	153,491
34	1930..	52,500	35,000	21,000	31,000	205,650	39,450	175,164
35	Increase or decrease (-), 1930-1940.....acres.....	-23,500	-250	-1,500	-6,650	-87,450	-15,907	-21,673
36	percent.....	-44.8	-0.7	-7.1	-21.4	-42.5	-40.3	-12.4
37	Land idle.....acres....1940..	16,941	3,300	36,200	10,472	26,600	5,200	120,000
38	1930..	21,000	19,640	42,000	20,000	187,100	21,613	282,655
39	Increase or decrease (-), 1930-1940.....acres.....	-4,059	-16,340	-5,800	-9,528	-160,500	-16,413	-162,655
40	percent.....	-19.3	-83.2	-13.8	-47.6	-85.8	-75.9	-57.5
41	Land available for settlement.....acres....1940..	.....	.....	8,000	.....	.....	400	54,500
42	1930..	.....	6,500	12,000	466	2,700	1,500	176,534
43	Increase or decrease (-), 1930-1940.....acres.....	.....	-6,500	-4,000	-466	-2,700	-1,100	-122,034
44	percent.....	.....	-100.0	-33.3	-100.0	-100.0	-73.3	-69.1
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	82,803	58,754	77,855	71,972	426,433	52,973	312,027
46	Length of these ditches.....miles.....	147.5	63.5	205.0	38.5	466.5	53.0	187.5
47	Part protected by levees of an outside agency.....acres.....	82,803	.....	.....	30,858	.....	52,973	189,682
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	22,186	12,000	.....	505,450
49	Length of these ditches.....miles.....	.....	.....	.....	18.0	14.0	.....	325.1
50	Length of these levees.....miles.....	.....	.....	.....	6.0	9.0	.....	305.0
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	22,186	.....	.....	200,000
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5].....acres.....	.....	4,439	.....	.....	.....	.....	34,228
69	Length of open ditches owned by these enterprises..miles.....	.....	9.0	.....	.....	.....	.....	75.0
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	9.0	.....	.....	.....	.....	69.0
72	Part protected by levees of an outside agency.....acres.....	.....	4,439	.....	.....	.....	.....	28,228

[1] For parishes having less then 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected

[2] Includes Caddo, De Soto, Madison, Natchitoches, Orleans, Ouachita, Rapides, Red River, St. Bernard, St. Charles, St. Tammany, and Tensas Parishes in 1940; Caddo, Madison, Orleans, Rapides, St. Bernard, St. Charles, St. Tammany, and Tensas Parishes in 1930; and Caddo, Madison, Orleans, Rapides, St. Bernard, St. Charles, and St. Tammany Parishes in 1920.

[3] Percent not shown when more than 1,000.

[4] Office estimate; the reported figures exceeded the improved acreage in all farms in the parish as determined by the Federal Census of Agriculture.

[5] Data in lines 68 to 72 are not included in lines 45 to 67.

PARISH TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Acadia	Allen[1]	Ascension	Assumption	Avoyelles	Bossier	Calcasieu
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2]511	57	1	4	5	7	3	10
	Open ditches:								
2	Completed.....miles.....1940..	7,105.5	549.0	40.0	89.5	28.5	107.5	108.0	280.5
3	1930..	7,701.2	1,000.1	40.0	154.5	41.0	72.3	2.5	161.0
4	1920..	1,771.6	147.0	15.0	61.5	19.0	9.9	2.5	92.5
5	Additional length authorized.....miles.....1940..	190.5	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	6.0	.....	.....	.....	.....	.....	.....	.....
7	1930..	2.0	.....	.....	.....	2.0	.....	.....	.....
8	1920..	0.2	.....	.....	.....	0.2	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	624.4	1.0	.....	.....	.....	.....	3.0	.....
11	1930..	576.3	.....	.....	.....	1.0	.....	.....	.....
12	1920..	440.7	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	10.0	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	11,041	.....	.....	.....	.....	.....	.....	.....
15	1930..	6,495	.....	.....	.....	.....	.....	.....	.....
16	1920..	7,665	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	5,055,600	.....	.....	.....	.....	.....	.....	.....
18	1930..	2,956,500	.....	.....	.....	.....	.....	.....	.....
19	1920..	5,245,150	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	123,066	.....	.....	.....	.....	.....	.....	.....
21	1930..	123,163	.....	.....	.....	.....	.....	.....	.....
22	1920..	140,809	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	23,361,758	761,081	80,000	426,000	175,500	571,500	697,000	1,076,189
26	1930..	20,752,645	629,665	80,000	419,122	392,800	645,300	12,000	882,000
27	1920..	9,021,991	379,500	80,000	346,740	99,800	56,500	12,000	197,500
28	Estimated cost when completed.....dollars.....1940..	23,642,158	783,131	80,000	426,000	175,500	571,500	697,000	1,076,189
29	1930..	20,976,245	629,665	80,000	419,122	392,800	645,300	12,000	882,000
30	1920..	9,990,788	388,000	80,000	357,740	99,800	71,500	12,000	260,000
31	Average cost per acre when completed.....dollars.....1940..	5.60	3.10	2.34	5.00	6.08	4.70	5.41	4.78
32	1930..	5.74	2.36	2.34	4.63	3.90	4.33	0.60	4.90
33	1920..	4.41	2.44	6.40	3.79	1.87	1.29	0.60	2.55
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	13,118,904	683,131	80,000	426,000	175,500	571,500	447,000	1,076,189
35	Average amount per acre.....dollars..	3.85	3.23	2.34	5.00	6.08	4.70	3.96	4.78
36	Enterprises having open ditches and levees.....dollars..	3,615,751	100,000	.....	.....	.....	.....	250,000	.....
37	Average amount per acre.....dollars..	5.45	2.44	.....	.....	.....	.....	15.62	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	6,907,503	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	47.53	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	141,109	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	21	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	144,016	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	0.98	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	233,794	16,204	4,252	7,189	1,623	3,696	3,256	6,335
53	Enterprises reporting.....number...	294	17	1	3	5	5	3	7
54	Land in these enterprises.....acres....	3,261,026	218,381	34,189	61,975	28,850	116,020	128,840	207,986
55	Average cost per acre.....dollars..	0.07	0.07	0.12	0.12	0.06	0.03	0.02	0.03
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	99	1	1	1	5	1	2	6
57	Land in these enterprises.....acres....	1,765,417	[4]	34,189	[4]	28,850	[4]	[4]	171,644
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	1,117,208	56,457	7,283	[4]	14,680	30,307	45,483	71,376
59	Enterprises reporting.....number...	146	9	1	1	5	6	3	6
60	Land in these enterprises.....acres....	3,137,182	213,217	34,189	[4]	28,850	118,720	128,840	175,106
61	Average amount collected per acre.....dollars..	0.36	0.26	0.21	[4]	0.51	0.26	0.35	0.41
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	78,168	.....	500	.....	[4]	2,027	[4]	2,480
63	Enterprises reporting.....number...	43	.....	1	.....	1	3	1	4
64	Land in these enterprises.....acres....	1,097,757	.....	34,189	.....	[4]	76,020	[4]	74,470
65	Portion delinquent in these enterprises.....percent..	7.1	.....	1.5	.....	[4]	2.7	[4]	3.3
66	Total indebtedness, Dec. 31, 1939.....dollars..	10,797,537	299,613	49,000	[4]	[4]	287,700	[4]	517,600
67	Enterprises reporting.....number...	140	8	1	1	2	6	2	6
68	Land in these enterprises.....acres....	3,077,448	203,805	34,189	[4]	[4]	118,720	[4]	175,106
69	Average indebtedness per acre.....dollars..	3.51	1.47	1.43	[4]	[4]	2.42	[4]	2.96
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	666,198	.....	.....	.....	.....	75,700	.....	.....
71	Enterprises reporting.....number...	21	.....	.....	.....	.....	4	.....	.....
72	Land in these enterprises.....acres....	517,040	.....	.....	.....	.....	78,720	.....	.....
73	Average arrearage per acre.....dollars..	1.29	.....	.....	.....	.....	0.96	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	2,162,706	.....	.....	[4]	.....	[5]	.....	[5]
75	Enterprises reporting.....number...	28	.....	.....	1	.....	1	.....	1
76	Land in these enterprises.....acres....	[6]349,313	.....	.....	[4]	.....	[5]	.....	[5]
77	Average reduction per acre.....dollars..	[6]6.19	.....	.....	[4]	.....	[5]	.....	[5]

[1] For parishes having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An interparish enterprise is counted in each parish in which a part is located. The number of separate enterprises in the State is 495.
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.
[5] Amount of reduction not reported.
[6] Omitting 183,734 acres in 8 enterprises reporting reduction of debt but not the amount thereof.

PARISH TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Cameron	Concordia	East Baton Rouge	East Carroll	Evangeline	Iberia	Iberville	Jefferson	Jefferson Davis
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	8	21	4	5	55	12	9	4	11
	Open ditches:									
2	Completed.....miles.....1940..	84.0	170.7	44.5	113.0	275.1	181.0	122.0	153.0	178.0
3	1930..	44.8	252.0	46.0	132.0	708.0	123.0	96.5	145.0	97.0
4	1920..	30.1	.....	10.0	.....	3.6	72.6	93.4	72.9	90.7
5	Additional length authorized.....miles.....1940..	.....	7.0	.....	.....	.....	.....	.....	10.0	5.0
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	1.0	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	38.5	15.8	.....	.....	.....	.....	.....	54.5	7.0
11	1930..	9.0	.....	.....	.....	.....	.....	.....	26.6	.....
12	1920..	21.0	.....	.....	.....	.....	.....	9.0	20.6	10.0
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	10.0	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	90	.....	.....	.....	.....	.....	.....	5,195	.....
15	1930..	30	.....	.....	.....	.....	.....	.....	850	.....
16	1920..	25	.....	.....	.....	.....	.....	.....	2,120	.....
17	Pump capacity.....gal. per min..1940..	30,000	.....	.....	.....	.....	.....	.....	2,615,000	.....
18	1930..	4,500	.....	.....	.....	.....	.....	.....	452,000	.....
19	1920..	3,000	.....	.....	.....	.....	.....	.....	945,000	.....
20	Land served by pumps.....acres.....1940..	900	.....	.....	.....	.....	.....	.....	42,050	.....
21	1930..	500	.....	.....	.....	.....	.....	.....	45,575	.....
22	1920..	200	.....	.....	.....	.....	.....	.....	21,045	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	148,600	73,300	109,000	855,000	352,716	519,454	483,540	3,627,000	590,143
26	1930..	209,000	16,000	116,000	840,000	326,820	764,500	446,412	3,124,800	478,200
27	1920..	88,000	.....	20,000	.....	10,000	150,375	447,070	524,100	253,820
28	Estimated cost when completed.....dollars.....1940..	148,600	76,300	109,000	855,000	352,716	519,454	483,540	3,770,000	597,643
29	1930..	209,000	16,000	116,000	840,000	326,820	764,500	446,412	3,124,800	478,200
30	1920..	203,000	.....	20,000	.....	18,000	150,375	464,974	595,400	257,820
31	Average cost per acre when completed.....dollars.....1940..	1.53	1.18	2.08	6.01	2.80	3.18	4.90	86.07	4.64
32	1930..	3.72	0.69	2.61	6.46	2.47	5.48	3.64	64.48	4.72
33	1920..	4.45	.....	0.70	.....	1.98	1.23	4.54	20.33	4.69
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	71,000	39,800	109,000	855,000	352,716	519,454	433,540	.....	490,643
35	Average amount per acre.....dollars..	1.00	0.76	2.08	6.01	2.80	3.18	4.90	.....	4.12
36	Enterprises having open ditches and levees.....dollars..	52,600	36,500	.....	.....	.....	.....	.....	.....	107,000
37	Average amount per acre.....dollars..	2.09	2.98	.....	.....	.....	.....	.....	.....	11.07
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[1].....dollars..	25,000	.....	.....	.....	.....	.....	.....	3,770,000	.....
47	Average amount per acre.....dollars..	27.78	.....	.....	.....	.....	.....	.....	86.07	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	(2)	.....	.....	.....	.....	.....	.....	75,708	.....
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	4	.....
50	Land in these enterprises.....acres....	(2)	.....	.....	.....	.....	.....	.....	43,800	.....
51	Average cost per acre.....dollars..	(2)	.....	.....	.....	.....	.....	.....	1.73	.....
52	By enterprises not operating pumping plants.....dollars..	3,094	5,775	.....	4,052	9,126	2,518	2,210	.....	4,358
53	Enterprises reporting.....number...	5	21	.....	5	47	7	3	.....	8
54	Land in these enterprises.....acres....	58,860	64,903	.....	142,334	119,147	120,130	47,184	.....	105,260
55	Average cost per acre.....dollars..	0.05	0.09	.....	0.03	0.08	0.02	0.05	.....	0.04
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	4	.....	.....	13	4	3	4	6
57	Land in these enterprises.....acres....	.....	11,870	.....	.....	40,068	99,380	53,088	43,800	77,080
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	(3)	.....	.....	50,693	27,706	29,577	(3)	97,543	45,136
59	Enterprises reporting.....number...	2	.....	.....	5	11	9	2	4	8
60	Land in these enterprises.....acres....	(3)	.....	.....	142,334	91,277	122,181	(3)	43,800	100,399
61	Average amount collected per acre.....dollars..	(3)	.....	.....	0.36	0.30	0.24	(3)	2.23	0.45
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	(3)	.....	(3)	.....	19,555	6,132
63	Enterprises reporting.....number...	.....	.....	2	.....	.....	2	.....	3	3
64	Land in these enterprises.....acres....	.....	.....	.....	(3)	.....	(3)	.....	40,000	34,314
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	(3)	.....	(3)	.....	48.9	17.9
66	Total indebtedness, Dec. 31, 1939.....dollars..	(3)	.....	.....	388,380	250,483	233,800	(3)	2,918,310	215,100
67	Enterprises reporting.....number...	2	.....	.....	5	11	9	2	4	8
68	Land in these enterprises.....acres....	(3)	.....	.....	142,334	91,277	122,181	(3)	43,800	100,399
69	Average indebtedness per acre.....dollars..	(3)	.....	.....	2.73	2.74	1.91	(3)	66.63	2.14
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	(3)	15,284	.....	.....	(3)	(3)
71	Enterprises reporting.....number...	.....	.....	2	3	.....	.....	1	2	
72	Land in these enterprises.....acres....	.....	.....	.....	(3)	20,719	.....	.....	(3)	(3)
73	Average arrearage per acre.....dollars..	.....	.....	.....	(3)	0.74	.....	.....	(3)	(3)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(4)	.....	.....	(3)	.....	(5)	.....	(3)	(4)
75	Enterprises reporting.....number...	1	.....	1	.....	.....	3	1	1	
76	Land in these enterprises.....acres....	(4)	.....	.....	(3)	.....	(5)	.....	(3)	(4)
77	Average reduction per acre.....dollars..	(4)	.....	.....	(3)	.....	(5)	.....	(3)	(4)

[1] Data in lines 46 and 47 are not included in lines 34 to 45.
[2] Included in "Other parishes."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1, p. 226.
[4] Amount of reduction not reported.
[5] Amount of reduction reported for only 2 enterprises in Iberia Parish.

PARISH TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Lafayette	Lafourche	La Salle[1]	Morehouse[1]	Plaquemines	Pointe Coupee	St. Landry
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	6	13	1	1	5	115	96
	Open ditches:									
2	Completed	miles	1940	208.0	330.3	7.0	17.5	83.0	1,160.2	1,172.6
3			1930	168.0	312.5	5.0	12.0	51.5	1,472.5	1,264.5
4			1920	86.9	89.9	6.4	22.5	82.5	42.0	.....
5	Additional length authorized	miles	1940	.....	1.5	.....	.....	.....	165.0	.....
	Tile drains:									
6	Completed	miles	1940	.....	.....	.....	.....	5.0	.....	.....
7			1930	.....	.....	.....	.....	.....	.....	.....
8			1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	.....	77.1	.....	.....	29.5	.....	.....
11			1930	20.0	181.0	.....	.....	17.0	.....	.....
12			1920	.....	85.3	.....	1.0	8.8	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	1,565	.....	.....	751	.....	.....
15			1930	.....	1,510	.....	.....	1,530	.....	.....
16			1920	.....	2,040	.....	.....	345	.....	.....
17	Pump capacity	gal. per min.	1940	.....	769,000	.....	.....	340,000	.....	.....
18			1930	.....	517,000	.....	.....	740,000	.....	.....
19			1920	.....	1,713,400	.....	.....	136,250	.....	.....
20	Land served by pumps	acres	1940	.....	16,271	.....	.....	25,178	.....	.....
21			1930	.....	17,101	.....	.....	13,193	.....	.....
22			1920	.....	23,873	.....	.....	21,839	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	245,250	922,000	3,500	26,000	1,096,911	384,289	1,583,407
26			1930	246,000	1,211,000	5,000	20,000	603,500	183,305	984,815
27			1920	107,000	1,087,077	2,500	35,000	443,800	167,000	.....
28	Estimated cost when completed	dollars	1940	245,250	928,900	3,500	26,000	1,141,911	431,139	1,583,407
29			1930	246,000	1,218,000	5,000	20,000	603,500	183,305	986,915
30			1920	141,500	1,162,077	3,100	35,000	530,550	167,000	.....
31	Average cost per acre when completed	dollars	1940	2.61	7.82	0.28	1.41	44.47	2.26	5.19
32			1930	2.37	19.35	0.42	1.18	40.80	0.99	3.35
33			1920	1.81	22.72	0.62	1.94	24.29	0.96	.....
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		245,250	198,900	3,500	26,000	.....	431,139	1,583,407
35	Average amount per acre	dollars		2.61	3.16	0.28	1.41	.....	2.26	5.19
36	Enterprises having open ditches and levees	dollars		.....	87,500	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	4.47	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[2]	dollars		.....	642,500	.....	.....	1,141,911	.....	.....
47	Average amount per acre	dollars		.....	17.71	.....	.....	44.47	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	21,733	.....	.....	24,108	.....	.....
49	Enterprises reporting	number		.....	7	.....	.....	4	.....	.....
50	Land in these enterprises	acres		.....	36,271	.....	.....	24,378	.....	.....
51	Average cost per acre	dollars		.....	0.60	.....	.....	0.99	.....	.....
52	By enterprises not operating pumping plants	dollars		1,616	2,430	.....	659	.....	27,693	7,060
53	Enterprises reporting	number		6	5	.....	1	.....	87	17
54	Land in these enterprises	acres		93,927	52,995	.....	18,462	.....	153,457	242,254
55	Average cost per acre	dollars		0.02	0.04	.....	0.04	.....	0.18	0.03
	Federal aid in maintenance:									
56	Enterprises reporting	number		5	5	.....	1	2	.....	8
57	Land in these enterprises	acres		88,427	32,676	.....	18,462	[3]	.....	93,215
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		15,040	29,442	.....	.....	31,400	.....	81,649
59	Enterprises reporting	number		5	7	.....	.....	3	.....	15
60	Land in these enterprises	acres		69,327	81,695	.....	.....	20,878	.....	240,778
61	Average amount collected per acre	dollars		0.22	0.36	.....	.....	1.50	.....	0.34
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		1,680	.....	.....	.....	[3]	.....	3,950
63	Enterprises reporting	number		4	.....	.....	.....	2	.....	7
64	Land in these enterprises	acres		62,337	.....	.....	.....	[3]	.....	97,487
65	Portion delinquent in these enterprises	percent		2.7	.....	.....	.....	[3]	.....	4.0
66	Total indebtedness, Dec. 31, 1939	dollars		78,700	191,050	.....	.....	250,500	.....	941,350
67	Enterprises reporting	number		5	7	.....	.....	4	.....	15
68	Land in these enterprises	acres		69,327	81,695	.....	.....	24,378	.....	240,778
69	Average indebtedness per acre	dollars		1.14	2.34	.....	.....	10.28	.....	3.91
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....	.....	.....	.....	[3]
71	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	2
72	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	[3]
73	Average arrearage per acre	dollars		.....	.....	.....	.....	.....	.....	[3]
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	[3]	.....	.....	[4]	.....	115,200
75	Enterprises reporting	number		.....	1	.....	.....	3	.....	5
76	Land in these enterprises	acres		.....	[3]	.....	.....	[4]	.....	68,016
77	Average reduction per acre	dollars		.....	[3]	.....	.....	[4]	.....	1.69

[1] For parishes having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Data in lines 46 and 47 are not included in lines 34 to 45.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.
[4] Amount of reduction reported for only 1 enterprise in Plaquemines Parish.

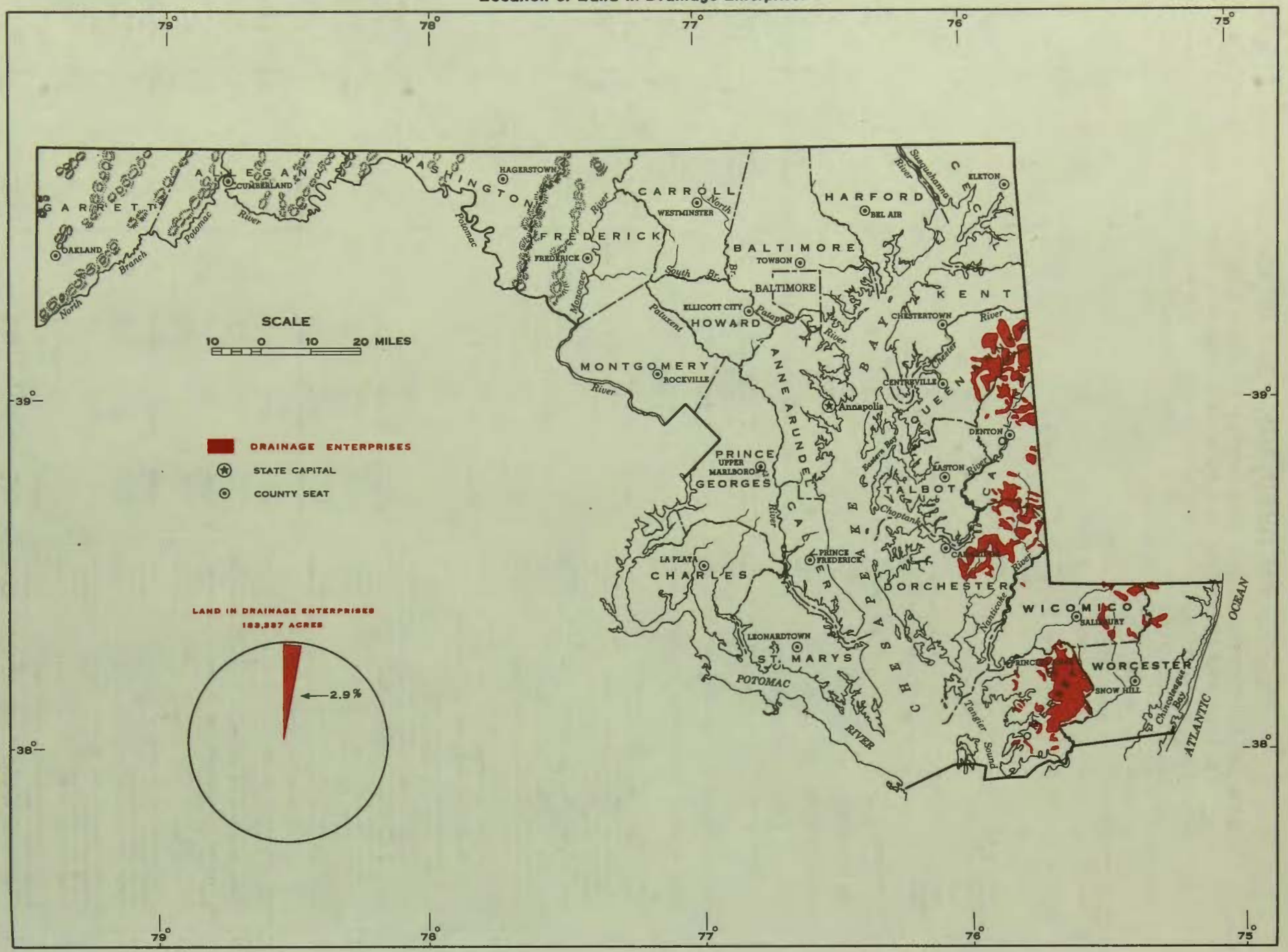
PARISH TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		St. Martin	St. Mary	Tangipahoa[1]	Terrebonne	Vermilion	West Baton Rouge	Other parishes[2]
	DRAINAGE WORKS								
1	Drainage enterprises	1940	5	7	2	5	18	6	15
	Open ditches:								
2	Completed, miles	1940	147.5	72.5	205.0	56.5	480.5	53.0	587.6
3		1930	103.0	63.5	110.0	71.0	466.0	63.5	422.5
4		1920	.....	71.0	.....	35.0	313.5	45.2	256.0
5	Additional length authorized, miles	1940	.....	.....	.....	.....	2.0	.....	.....
	Tile drains:								
6	Completed, miles	1940	.....	.....	.....	.....	.....	.....	.....
7		1930	.....	.....	.....	.....	.....	.....	.....
8		1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed, miles	1940	.....	9.0	.....	6.0	9.0	.....	374.0
11		1930	.....	19.0	.....	6.0	12.0	.....	284.7
12		1920	.....	30.0	.....	7.6	101.0	.....	145.4
13	Additional length authorized, miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity, horsepower	1940	.....	190	.....	.....	.....	.....	3,250
15		1930	.....	1,100	.....	.....	185	.....	1,290
16		1920	.....	860	.....	125	525	.....	1,625
17	Pump capacity, gal. per min.	1940	.....	66,600	.....	.....	.....	.....	1,235,000
18		1930	.....	690,000	.....	.....	90,000	.....	463,000
19		1920	.....	1,230,000	.....	84,000	272,500	.....	861,000
20	Land served by pumps, acres	1940	.....	4,439	.....	.....	.....	.....	34,228
21		1930	.....	22,000	.....	.....	4,000	.....	20,794
22		1920	.....	20,725	.....	4,200	11,564	.....	37,363
23	Wells pumped for drainage, number	1940	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1, dollars	1940	514,875	418,000	890,000	191,000	1,311,600	257,160	4,971,743
26		1930	710,000	883,500	550,000	188,000	1,478,500	322,672	3,983,734
27		1920	.....	756,625	.....	192,225	958,082	213,750	2,393,527
28	Estimated cost when completed, dollars	1940	514,875	418,000	890,000	191,000	1,312,700	257,160	4,976,743
29		1930	710,000	888,000	660,000	188,000	1,478,500	322,672	4,083,734
30		1920	.....	756,625	.....	205,000	1,158,600	226,750	2,625,977
31	Average cost per acre when completed, dollars	1940	6.22	6.61	11.43	2.03	2.99	4.85	5.84
32		1930	9.22	15.95	10.48	2.49	3.45	3.61	.....
33		1920	.....	12.91	.....	5.79	3.42	1.66	.....
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only, dollars		514,875	288,000	890,000	103,500	1,137,700	257,160	1,059,000
35	Average amount per acre, dollars		6.22	4.90	11.43	1.44	2.67	4.85	3.39
36	Enterprises having open ditches and levees, dollars		.....	.....	.....	87,500	175,000	.....	2,719,651
37	Average amount per acre, dollars		.....	.....	.....	3.94	14.58	.....	5.38
38	Enterprises having tile only, dollars		.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees, dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile, dollars		.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees, dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre, dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3], dollars		.....	130,000	.....	.....	.....	.....	1,198,092
47	Average amount per acre, dollars		.....	29.28	.....	.....	.....	.....	35.00
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants, dollars		.....	[4]	.....	.....	.....	.....	[4] 19,560
49	Enterprises reporting, number		.....	1	.....	.....	.....	.....	4
50	Land in these enterprises, acres		.....	[4]	.....	.....	.....	.....	[4] 39,567
51	Average cost per acre, dollars		.....	[4]	.....	.....	.....	.....	[4] 0.49
52	By enterprises not operating pumping plants, dollars		4,623	11,098	2,769	1,560	9,556	3,381	87,661
53	Enterprises reporting, number		4	5	2	4	12	4	10
54	Land in these enterprises, acres		82,803	52,877	77,855	79,233	272,733	43,170	637,201
55	Average cost per acre, dollars		0.06	0.21	0.04	0.02	0.04	0.08	0.14
	Federal aid in maintenance:								
56	Enterprises reporting, number		2	4	2	2	9	2	6
57	Land in these enterprises, acres		[5]	39,055	77,855	[5]	223,163	[5]	275,325
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939, dollars		22,047	31,379	61,451	[5]	40,433	16,752	256,818
59	Enterprises reporting, number		5	5	2	2	13	4	13
60	Land in these enterprises, acres		82,803	35,236	77,855	[5]	274,993	43,170	824,549
61	Average amount collected per acre, dollars		0.27	0.89	0.79	[5]	0.15	0.39	0.31
62	Area delinquent in drainage taxes, Dec. 31, 1939, acres		4,810	.....	500	.....	[5]	.....	24,403
63	Enterprises reporting, number		3	.....	1	.....	1	.....	5
64	Land in these enterprises, acres		69,755	.....	63,680	.....	[5]	.....	398,273
65	Portion delinquent in these enterprises, percent		6.9	.....	0.8	.....	[5]	.....	6.1
66	Total indebtedness, Dec. 31, 1939, dollars		331,800	120,737	783,000	[5]	329,884	84,500	1,836,530
67	Enterprises reporting, number		5	5	2	2	13	3	12
68	Land in these enterprises, acres		82,803	35,236	77,855	[5]	265,788	34,784	810,549
69	Average indebtedness per acre, dollars		4.01	3.43	10.06	[5]	1.24	2.43	2.26
70	Indebtedness in arrears, Dec. 31, 1939, dollars		.....	.....	.....	.....	8,362	.....	484,132
71	Enterprises reporting, number		.....	.....	.....	.....	3	.....	4
72	Land in these enterprises, acres		.....	.....	.....	.....	26,580	.....	263,285
73	Average arrearage per acre, dollars		.....	.....	.....	.....	0.31	.....	1.84
74	Reduction of debt by refinancing, prior to 1940, dollars		143,500	.....	[6] 10,000	.....	[5]	.....	[5]
75	Enterprises reporting, number		5	.....	2	.....	1	.....	1
76	Land in these enterprises, acres		82,803	.....	[6] 14,175	.....	[5]	.....	[5]
77	Average reduction per acre, dollars		1.73	.....	[6] 0.71	.....	[5]	.....	[5]

[1] For parishes having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Caddo, De Soto, Madison, Natchitoches, Orleans, Ouachita, Rapides, Red River, St. Bernard, St. Charles, St. Tammany, and Tensas Parishes in 1940; Caddo, Madison, Orleans, Rapides, St. Bernard, St. Charles, St. Tammany, and Tensas Parishes in 1930; and Caddo, Madison, Orleans, Rapides, St. Bernard, St. Charles, and St. Tammany Parishes in 1920. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Data for Cameron and St. Mary Parishes included with those for "Other parishes" named in footnote 2. [5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [6] Data for 1 enterprise; other did not report amount of reduction.

MARYLAND

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940[1]

ITEM (See definitions in Introduction)	Amount	Percent of land in enterprises
Approximate land area of State.....acres..	6,327,680	.....
Land in drainage enterprises.....acres..	183,337	100.0
Improved.....acres..	133,622	72.9
Unimproved:		
Timber and cut-over.....acres..	48,250	26.3
Other.....acres..	1,465	0.8
Drainage sufficient for normal crop.....acres..	172,747	94.3
Partly drained, for partial crop.....acres..	7,600	4.1
Unfit to raise any crop for lack of drainage..acres..	2,990	1.6

ITEM (See definitions in Introduction)	Amount	Percent of land in enterprises
Land in drainage enterprises—Continued		
In occupied farms.....acres....	181,891	99.2
In planted crops.....acres....	118,871	64.8
Idle.....acres....	63,067	34.4
Available for settlement.....acres....	.....	.....
Open ditches, completed.....miles....	461.3	.....
Tile drains, completed.....miles....	.....	.....
Capital invested in enterprises.....dollars..	43,914	.....
Average per acre.....dollars..	0.24	.....

[1] Maryland was not included in prior censuses of drainage enterprises.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940

SIZE	Area of enterprises[1]		Land in enterprises[2] 1940
	Acres	*Percent*	*Acres*
All enterprises.....	190,922	100.0	183,337
Less than 100 acres.....	99	0.1	99
100 to 199 acres.....	1,102	0.6	1,102
200 to 499 acres.....	10,003	5.2	10,003
500 to 999 acres.....	25,675	13.4	24,679
1,000 to 1,999 acres.....	40,662	21.3	36,370
2,000 to 4,999 acres.....	87,745	46.0	85,448
5,000 to 9,999 acres.....	25,636	13.4	25,636

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	183,337	100.0	43,914	100.0
Drainage districts.....	183,337	100.0	43,914	100.0
Other, or not reported.....	.....	.....	.....	.....

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940

TYPE OF DRAINAGE	Land in enterprises		Capital invested in enterprises	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	183,337	100.0	43,914	100.0
Gravity drainage only by—				
Open ditches.....	183,337	100.0	43,914	100.0
All or part by pumping.....	.....	.....	.....	.....

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises		Capital invested		Area delinquent
	Acres	*Percent*	*Dollars*	*Percent*	*Acres*
All enterprises.....	183,337	100.0	43,914	100.0	(1)
Enterprises in arrears.....	.....	.....	.....	.....	.....
Enterprises not in arrears.....	183,337	100.0	43,914	100.0	(1)
With some delinquent land.....	(2)	(2)	(2)	(2)	(1)
With no delinquent land.....	(2)	(2)	(2)	(2)	.....
Enterprises not reporting on arrearage.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting in the State, data are not shown.
[2] Where there are less than 3 enterprises reporting, data are included in totals only.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises.....	183,337	43,914	.....	.....	.....	(1)	1,601
Enterprises in debt.....	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt.....	183,337	43,914	.....	.....	.....	(1)	1,601
Collecting drainage taxes in 1939.....	15,975	2,891	.....	.....	.....	(1)	1,601
No collections reported.....	167,362	41,023	.....	.....	.....	.....	.....
Enterprises not reporting as to debt.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting in the State, data are not shown.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	183,337	100.0	43,914	100.0
Improvement of land already in farms	183,337	100.0	43,914	100.0
Removal of alkali or seepage from irrigation	.....	.....	.....	.....

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	183,337	100.0	190,922	7,585	43,914	100.0
1880-1889	980	0.5	1,976	996	1,125	2.6
1890-1899	204	0.1	1,822	1,618	363	0.8
1900-1904	158	0.1	158	.....	152	0.3
1905-1909	2,913	1.6	5,210	2,297	2,141	4.9
1910-1914	2,977	1.6	5,651	2,674	1,995	4.5
1915-1919	18,037	9.8	18,037	.....	6,276	14.3
1920-1924	19,429	10.6	19,429	.....	10,861	24.7
1925-1929	12,774	7.0	12,774	.....	4,431	10.1
1935-1939	125,865	68.7	125,865	.....	16,570	37.8

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	183,337	172,747	94.2	7,600	2,990	133,622	72.9	48,250	1,465	181,891	99.2	118,871	63,067	.....
1880-1889	980	980	100.0	.....	.....	686	70.0	294	.....	980	100.0	500	480	.....
1890-1899	204	204	100.0	.....	.....	150	73.5	54	.....	204	100.0	150	54	.....
1900-1904	158	158	100.0	.....	.....	158	100.0	.....	.....	158	100.0	158	.....	.....
1905-1909	2,913	2,190	75.2	423	300	2,133	73.2	780	.....	2,913	100.0	1,363	1,550	.....
1910-1914	2,977	2,727	91.6	250	.....	2,081	69.9	896	.....	2,977	100.0	1,373	1,604	.....
1915-1919	18,037	17,637	97.8	.....	400	14,635	81.1	3,302	100	18,037	100.0	13,011	5,026	.....
1920-1924	19,429	19,185	98.7	.....	244	14,972	77.1	4,148	309	19,374	99.7	13,346	4,714	.....
1925-1929	12,774	12,011	94.0	.....	763	9,491	74.3	2,520	763	12,752	99.8	8,541	4,233	.....
1935-1939	125,865	117,655	93.5	6,927	1,283	89,316	71.0	36,256	293	124,496	98.9	80,429	45,406	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	183,337	183,337	15,199	168,138	1,540	0.01	0.01
Gravity drainage only:							
Open ditches only	183,337	183,337	15,199	168,138	1,540	0.01	0.01
Pumping for all or part of drainage	.....	.....	.....	.....	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	183,337	100.0	43,914	100.0
Method:				
By district forces	17,794	9.7	3,396	7.7
"None," or not reporting	165,543	90.3	40,518	92.3
Whether systematic:				
Reporting "yes"	17,794	9.7	3,396	7.7
Reporting "no"	160,807	87.7	40,098	91.3
Not reporting	4,736	2.6	420	1.0

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received	178,106	39,978	443.0	.....	.....
Civilian Conservation Corps	178,106	39,978	443.0	.....	.....
Other kind or combination	.....	.....	.....	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Caroline	Dorchester	Queen Annes	Somerset	Other counties[1]
	LAND AREA						
1	Approximate land area.....acres....1940..	6,327,680	204,800	371,200	238,720	212,480	552,320
2	Drainage enterprises.....number...1940..	[2] 126	33	26	17	40	10
3	Land in enterprises.....acres....1940..	183,337	37,709	36,420	34,003	61,757	13,448
4	Area of all enterprises, overlapping included.....acres....1940..	190,922	40,006	36,420	34,003	61,757	18,736
5	Amount of overlapping.....acres....1940..	7,585	2,297	.....	.....	.....	5,288
	CONDITION AND USE OF LAND						
6	Land with drainage sufficient for normal crop.....acres....1940..	172,747	34,739	33,247	33,547	60,057	11,157
7	Land undrained, unfit for any crop.....acres....1940..	2,990	700	.....	190	1,700	400
8	Land partly drained, for partial crop.....acres....1940..	7,600	2,270	3,173	266	.....	1,891
9	Improved land.....acres....1940..	133,622	26,579	20,848	29,526	46,971	9,698
	Unimproved land:						
10	Woodland and cut-over land.....acres....1940..	48,250	11,130	15,572	4,477	13,321	3,750
11	Other unimproved land.....acres....1940..	1,465	.....	.....	.....	1,465	.....
12	Land in occupied farms.....acres....1940..	181,891	37,709	35,051	34,003	61,680	13,448
13	Land in planted crops.....acres....1940..	118,871	23,845	18,186	27,706	42,015	7,119
14	Land idle.....acres....1940..	63,067	13,864	16,855	6,277	19,742	6,329
15	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940						
16	Land drained by open ditches only.....acres.....	183,337	37,709	36,420	34,003	61,757	13,448
17	Length of these ditches.....miles.....	461.3	124.2	109.1	72.7	117.2	38.1
18	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
19	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....
20	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....
21	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
22	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....
23	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
24	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....

[1] Includes Wicomico and Worcester Counties. [2] No intercounty enterprises reported. The number of schedules tabulated is 131.

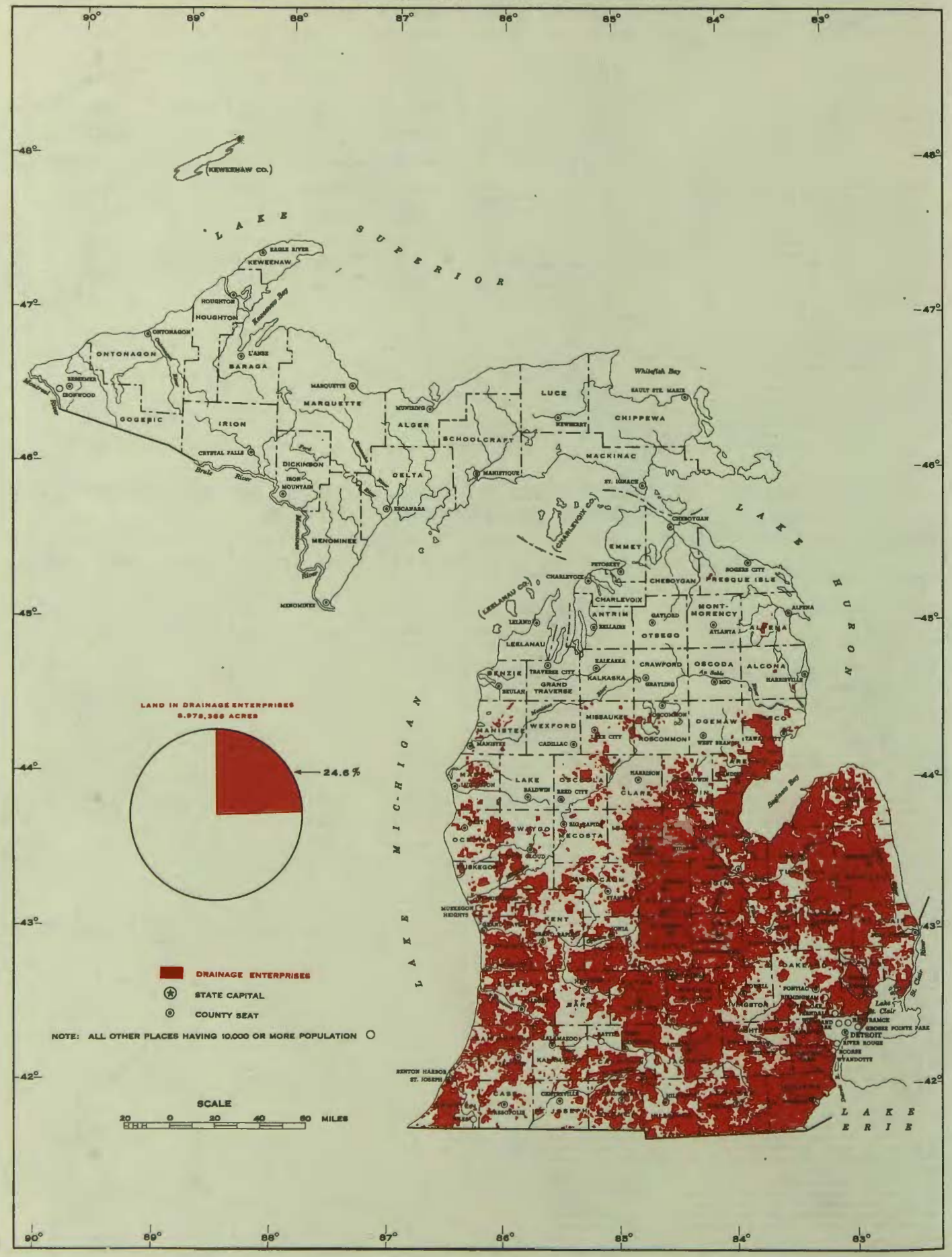
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Caroline	Dorchester	Queen Annes	Somerset	Other counties[1]
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	[2] 126	33	26	17	40	10
	Open ditches:						
2	Completed.....miles.....1940..	461.3	124.2	109.1	72.7	117.2	38.1
3	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Tile drains:						
4	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Levees and dikes:						
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....
7	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
8	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....
9	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....
10	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....
11	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED						
12	Capital invested to January 1.....dollars.....1940..	43,914	5,808	2,345	5,817	24,115	5,829
13	Estimated cost when completed.....dollars.....1940..	43,914	5,808	2,345	5,817	24,115	5,829
14	Average cost per acre when completed.....dollars.....1940..	0.24	0.15	0.06	0.17	0.39	0.43
	Invested in and required for completion, 1940:						
15	Enterprises having open ditches only.....dollars.....	43,914	5,808	2,345	5,817	24,115	5,829
16	Average amount per acre.....dollars.....	0.24	0.15	0.06	0.17	0.39	0.43
17	Enterprises having open ditches and levees.....dollars.....	.....	.....	.....	.....	.....	.....
18	Enterprises having tile only.....dollars.....	.....	.....	.....	.....	.....	.....
19	Enterprises having tile and levees.....dollars.....	.....	.....	.....	.....	.....	.....
20	Enterprises having open ditches and tile.....dollars.....	.....	.....	.....	.....	.....	.....
21	Enterprises having ditches, tile, and levees.....dollars.....	.....	.....	.....	.....	.....	.....
22	Enterprises operating pumping plants.....dollars.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
23	By enterprises operating pumping plants.....dollars.....	.....	.....	.....	.....	.....	.....
24	Enterprises reporting.....number.....	.....	.....	.....	.....	.....	.....
25	Land in these enterprises.....acres.....	.....	.....	.....	.....	.....	.....
26	Average cost per acre.....dollars.....	.....	.....	.....	.....	.....	.....
27	By enterprises not operating pumping plants.....dollars.....	1,540	[3]	.....	[4]	.....	.....
28	Enterprises reporting.....number.....	5	1	.....	4	.....	.....
29	Land in these enterprises.....acre.....	15,199	[3]	.....	[4]	.....	.....
30	Average cost per acre.....dollars.....	0.10	[3]	.....	[4]	.....	.....
	Federal aid in maintenance:						
31	Enterprises reporting.....number.....	121	32	25	17	40	7
32	Land in these enterprises.....acres.....	178,106	37,505	35,440	34,003	61,757	9,401
	FINANCIAL CONDITION						
33	Drainage taxes collected in 1939.....dollars.....	1,601	[3]	.....	[4]	.....	.....
34	Enterprises reporting.....number.....	6	2	.....	4	.....	.....
35	Land in these enterprises.....acres.....	15,975	[3]	.....	[4]	.....	.....
36	Average amount collected per acre.....dollars.....	0.10	[3]	.....	[4]	.....	.....
37	Area delinquent in drainage taxes, Dec. 31, 1939.....acres.....	[5]	.....	.....	[5]	.....	.....
38	Enterprises reporting.....number.....	1	.....	.....	1	.....	.....
39	Land in these enterprises.....acres.....	[5]	.....	.....	[5]	.....	.....
40	Portion delinquent in these enterprises.....percent.....	[5]	.....	.....	[5]	.....	.....
41	Total indebtedness, Dec. 31, 1939.....dollars.....	.....	.....	.....	.....	.....	.....
42	Indebtedness in arrears, Dec. 31, 1939.....dollars.....	.....	.....	.....	.....	.....	.....
43	Reduction of debt by refinancing, prior to 1940.....dollars.....	.....	.....	.....	.....	.....	.....

[1] See footnote 1, County table I. [2] See footnote 2, County table I. [3] Where there are less than 3 enterprises reporting in a county, data are shown in State totals only. [4] Data included in State totals only. [5] Where there are less than 3 enterprises reporting in the State, data are not shown.

MICHIGAN

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	36,494,080	36,787,200	36,787,200	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	8,978,386	9,180,851	9,729,171	-202,465	-2.2	-548,320	-5.6
Improved.....acres.....	7,921,202	7,663,256	7,182,352	257,946	3.4	480,904	6.7
Unimproved:							
Timber and cut-over.....acres.....	681,044	980,846	2,195,562	-299,802	-30.6	-1,214,716	-55.3
Other.....acres.....	376,140	536,749	351,257	-160,609	-29.9	185,492	52.8
Drainage sufficient for normal crop.....acres.....	8,456,953	7,581,151	(1)	875,802	11.6	.....	.....
Partly drained, for partial crop.....acres.....	273,237	1,068,246	(1)	-795,009	-74.4	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	248,196	531,454	[2]1,020,207	-283,258	-53.3	-488,753	-47.9
In occupied farms.....acres.....	7,796,979	8,826,265	(1)	-1,029,286	-11.7	.....	.....
In planted crops.....acres.....	4,317,989	6,462,936	(1)	-2,144,947	-33.2	.....	.....
Idle.....acres.....	1,082,024	1,041,456	(1)	40,568	3.9	.....	.....
Available for settlement.....acres.....	5,882	50,237	(1)	-44,355	-88.3	.....	.....
Open ditches, completed.....miles.....	19,608.6	17,188.5	16,023.8	2,420.1	14.1	1,164.7	7.3
Tile drains, completed.....miles.....	3,229.5	3,490.2	2,173.9	-260.7	-7.5	1,316.3	60.6
Drainage pumping plants, capacity.....horsepower....	17	275	1,065	-258	-93.8	-790	-74.2
gal. per min..	6,000	36,340	62,000	-30,340	-83.5	-25,660	-41.4
Capital invested in enterprises.....dollars.....	40,412,251	37,677,084	24,683,715	2,735,167	7.2	12,993,369	52.6
Average per acre.....dollars.....	4.50	4.10	2.54	0.40	9.8	1.56	61.4

[1]Not available. [2]Reported as "Swampy or subject to overflow".

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises.....	16,070,273	15,032,692	15,766,478	8,978,386
Less than 100 acres.....	46,784	38,582	.....	32,125
100 to 199 acres.....	199,401	158,023	155,089	141,453
200 to 499 acres.....	1,208,251	1,076,140	967,221	792,320
500 to 999 acres.....	2,073,240	1,866,876	1,849,136	1,324,952
1,000 to 1,999 acres.....	2,601,894	5,193,743	7,902,624	1,551,002
2,000 to 4,999 acres.....	3,221,981			1,863,220
5,000 to 9,999 acres.....	1,951,253	1,743,097	3,251,318	976,868
10,000 to 19,999 acres.....	1,598,807	3,281,204	1,072,885	766,139
20,000 to 49,999 acres.....	1,511,306			726,227
50,000 to 99,999 acres.....	769,674	445,530	568,205	422,641
100,000 to 199,999 acres.....	687,042	1,229,497	.....	269,393
200,000 to 499,999 acres.....	200,640	.....	.....	112,046

[1]The sum of the areas in the individual enterprises, without deduction for overlapping.
[2]Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	8,978,386	100.0	40,412,251	100.0
County drains.....	8,970,826	99.9	40,402,851	99.9
Individually owned projects.....	7,560	0.1	9,400	0.1

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	8,978,386	100.0	9,180,851	100.0	9,729,171	100.0	40,412,251	100.0	37,677,084	100.0	24,683,715	100.0
Gravity drainage only by—												
Open ditches.....	7,624,801	84.9	7,552,846	82.3	9,718,471	99.9	29,213,061	72.3	25,970,317	68.9	24,513,276	99.3
Tile drains.....	503,806	5.6	586,050	6.4			5,780,401	14.3	4,408,439	11.7		
Open ditches and tile drains...	848,979	9.5	1,032,185	11.2			5,408,048	13.4	6,898,828	18.3		
All drained by pumping by—												
Open ditches.....	800	(2)	770	(2)	1,100	(2)	10,741	(2)	49,500	0.2	22,139	0.1
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	.....	.....	9,000	0.1	9,600	0.1	.....	.....	350,000	0.9	148,300	0.6
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	.....	.....					.....	.....				
Total area served by pumps.....	800	(2)	8,270	0.1	10,100	0.1	.....	.....	.....	.....	.....	.....

[1]Each item includes those enterprises that have provided levees in addition to the kind of drains specified. [2]Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY: Engine or motor	CAPACITY: Pump	Land served	KIND OF POWER		Enterprises	CAPACITY: Engine or motor	CAPACITY: Pump	Land served
		Number	*Hp.*	*G.p.m.*	*Acres*			*Number*	*Hp.*	*G.p.m.*	*Acres*
All pumping enterprises	1940	2	17	6,000	800	Electric	1940	1	7	1,000	450
	1930	2	275	8,270	8,270		1930	1	25	3,000	770
	1920	3	1,065	62,000	10,100		1920	.....	.....	.....	.....
Steam	1940	.....	.....	.....	.....	Internal combustion	1940	1	10	5,000	350
	1930	.....	.....	.....	.....		1930	1	250	33,340	7,500
	1920	3	1,065	62,000	10,100		1920	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS: Number	PUMPS: Capacity		Engine or motor capacity	Land served
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises	1940	2	6,000	100.0	17	800
	1930	3	36,340	100.0	275	8,270
Centrifugal	1940	2	6,000	100.0	17	800
	1930	3	36,340	100.0	275	8,270

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES: 1940		LAND IN ENTERPRISES: 1930		CAPITAL INVESTED: 1940		CAPITAL INVESTED: 1930		AREA DELINQUENT[1]: 1940	AREA DELINQUENT[1]: 1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	8,978,386	100.0	9,180,851	100.0	40,412,251	100.0	37,677,084	100.0	37,026	324,945
Enterprises in arrears	64,770	0.7	630,095	6.9	882,102	2.2	1,499,121	4.0	10,574	292,814
With some delinquent land	47,327	0.6	590,703	6.5	738,023	1.8	1,260,440	3.4	10,574	292,814
With no delinquent land	15,703	0.2	2,000	(2)	108,329	0.3	13,960	(2)	.....	.....
With no report on delinquency	1,740	(2)	37,392	0.4	35,750	0.1	224,721	0.6	.....	.....
Enterprises not in arrears	8,865,361	98.7	8,550,756	93.1	39,393,323	97.5	36,177,963	96.0	26,452	32,131
With some delinquent land	187,232	2.1	78,165	0.8	962,452	2.4	1,113,608	2.9	26,452	32,131
With no delinquent land	8,576,340	95.5	8,391,430	91.4	38,103,502	94.3	34,697,174	92.1	.....	.....
With no report on delinquency	101,789	1.1	81,161	0.9	327,369	0.8	367,181	1.0	.....	.....
Enterprises not reporting on arrearage	48,255	0.5	.....	.....	136,826	0.3	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	11,449	0.1	.....	.....	59,279	0.1	.....	.....	.....	.....
With no report on delinquency	36,806	0.4	.....	.....	77,547	0.2	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Less than one-tenth of 1 percent.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	8,978,386	40,412,251	809,579	156,741	1,250	37,026	233,665
Enterprises in debt	574,776	4,192,760	809,579	156,741	1,250	18,834	116,059
In arrears, amount of arrearage stated	64,770	883,142	173,788	156,741	1,250	10,574	39,409
Collecting drainage taxes in 1939	28,836	512,151	91,662	77,536	1,250	4,867	39,409
No collections reported	35,934	370,991	82,126	79,205	.....	5,707	.....
Not in arrears	510,006	3,309,618	635,791	.....	.....	8,260	76,650
Collecting drainage taxes in 1939	118,716	888,492	123,074	.....	.....	4,909	76,650
No collections reported	391,290	2,421,126	512,717	.....	.....	3,351	.....
Enterprises not in debt	8,347,884	36,010,385	.....	.....	.....	18,112	116,454
Collecting drainage taxes in 1939	679,774	2,640,758	.....	.....	.....	12,696	116,454
No collections reported	7,668,110	33,369,627	.....	.....	.....	5,416	.....
Enterprises not reporting as to debt	55,726	209,106	.....	.....	.....	80	1,152
Collecting drainage taxes in 1939	996	4,975	.....	.....	.....	80	1,152
No collections reported	54,730	204,131	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	8,978,386	100.0	40,412,251	100.0	Reclamation of swamp land not previously in farms	97,469	1.1	246,711	0.6
Improvement of land already in farms	8,872,732	98.8	40,115,649	99.3	Protection against overflow	8,185	0.1	49,891	0.1

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	8,978,386	100.0	16,070,273	7,091,887	40,412,251	100.0
Before 1870	2,225	0.1	6,602	4,377	21,226	0.1
1870-1879	380	(3)	1,434	1,054	1,889	(3)
1880-1889	11,565	0.1	27,396	15,831	59,734	0.1
1890-1899	398,889	4.4	1,175,296	776,407	1,968,647	4.9
1900-1904	1,375,416	15.3	3,822,142	2,446,726	6,264,488	15.5
1905-1909	1,204,860	13.4	2,594,916	1,390,056	5,358,641	13.2
1910-1914	1,288,142	14.3	2,215,369	927,227	5,334,384	13.2
1915-1919	1,865,166	20.8	2,773,859	908,693	8,973,550	22.2
1920-1924	994,702	11.1	1,308,982	314,280	5,024,864	12.4
1925-1929	1,135,169	12.7	1,334,678	199,509	5,079,557	12.6
1930-1934	281,162	3.1	357,281	76,119	1,245,258	3.1
1935-1939	420,710	4.7	452,318	31,608	1,080,013	2.7

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	8,978,386	8,456,953	94.2	273,237	248,196	7,921,202	88.2	681,044	376,140	7,796,979	86.8	4,317,989	1,082,024	5,882
Before 1870	2,225	2,225	100.0	.....	.....	2,042	91.8	182	1	2,027	91.1	1,218	1	.....
1870-1879	380	375	98.7	.....	5	340	89.5	35	5	343	90.3	208	.....	.....
1880-1889	11,565	11,367	98.3	80	118	11,200	96.8	340	25	10,448	90.3	6,687	560	.....
1890-1899	398,889	379,647	95.2	11,469	7,773	360,444	90.4	26,942	11,503	352,010	88.2	201,457	35,223	40
1900-1904	1,375,416	1,293,758	94.1	49,307	32,351	1,216,029	88.4	116,220	43,167	1,210,052	88.0	667,739	155,479	1,188
1905-1909	1,204,860	1,135,993	94.3	39,018	29,849	1,066,554	88.5	91,431	46,875	1,054,863	87.6	586,994	131,040	260
1910-1914	1,288,142	1,215,895	94.4	36,497	35,750	1,124,850	87.3	117,353	45,939	1,114,305	86.5	611,309	156,431	1,482
1915-1919	1,865,166	1,729,556	92.7	74,517	61,093	1,632,060	87.5	143,138	89,968	1,600,275	85.8	872,057	244,195	180
1920-1924	994,702	919,745	92.5	32,299	42,658	863,510	86.8	64,591	66,601	832,717	83.7	459,533	144,208	69
1925-1929	1,135,169	1,104,026	97.2	16,815	14,328	1,025,522	90.3	82,706	26,941	1,003,284	88.4	567,127	124,719	2,183
1930-1934	281,162	269,776	96.0	2,581	8,805	255,872	91.0	10,275	15,015	248,084	88.2	142,728	27,647	.....
1935-1939	420,710	394,590	93.8	10,654	15,466	362,779	86.2	27,831	30,100	368,571	87.6	200,932	62,521	480

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	8,978,386	8,900,800	753,859	8,146,941	179,318	0.02	0.24
Gravity drainage only	8,977,586	8,900,000	753,409	8,146,591	178,778	0.02	0.24
Open ditches only	7,620,741	7,549,379	608,938	6,940,441	125,472	0.02	0.21
Open ditches and levees	4,060	2,730	.....	2,730	.....	.....	.....
Tile drains only	503,303	501,002	56,887	444,115	31,566	0.06	0.55
Tile drains and levees	503	503	.....	503	.....	.....	.....
Open ditches and tile drains	848,539	845,946	87,584	758,362	21,740	0.02	0.25
Open ditches, tile drains, and levees	440	440	.....	440	.....	.....	.....
Pumping for all or part of drainage:							
All drainage by pumping	800	800	450	350	540	0.68	1.20

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	8,978,386	100.0	40,412,251	100.0
Method:				
By district forces	2,056,227	22.9	9,919,675	24.5
By contract	6,430,482	71.6	29,045,256	71.9
Work apportioned to landowners	102,940	1.1	211,711	0.5
"None," or not reporting	388,737	4.4	1,235,609	3.1
Whether systematic:				
Reporting "yes"	6,333,246	70.5	29,877,578	73.9
Reporting "no"	2,578,264	28.7	10,210,770	25.3
Not reporting	66,876	0.8	323,903	0.8

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	8,978,386	49,289	0.5
Capital invested.....dollars	40,412,251	194,199	0.5
Drainage works:			
Open ditches.....miles	19,608.6	98.9	0.5
Tile drains.....miles	3,229.5	11.8	0.4
Levees.....miles	13.6	.....	.....

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	2,256,968	9,356,645	5,307.1	481.8	1.2
Work Projects Administration	2,152,911	9,004,694	5,138.9	480.7	1.2
W.P.A. and C.C.C.	260	6,850	4.1	.....	.....
Other kind or combination[1]	103,797	345,101	164.1	1.1	.....

[1]Includes 17 enterprises reporting Federal aid received but not the agency giving it.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Allegan	Alpena	Arenac	Barry
	LAND AREA							
1	Approximate land area	acres	1940	36,494,080	530,560	363,520	235,520	351,360
2	Drainage enterprises	number	1940	[1] 8,130	382	5	117	97
3	Land in enterprises	acres	1940	8,978,386	286,951	6,960	145,399	115,767
4			1930	9,180,851	278,454	5,460	132,343	154,722
5			1920	9,729,171	312,915	[2]	143,734	143,508
6	Area of all enterprises, overlapping included	acres	1940	16,070,273	405,077	6,960	197,275	198,798
7	Amount of overlapping	acres	1940	7,091,887	118,126	.....	51,876	83,031
	CONDITION AND USE OF LAND							
8	Land with sufficient drainage for normal crop	acres	1940	8,456,953	283,026	6,860	125,475	106,900
9			1930	7,581,151	276,511	3,980	122,080	133,476
10	Increase or decrease (-), 1930-1940	acres		875,802	6,515	2,880	3,395	-26,576
11		percent		11.6	2.4	72.4	2.8	-19.9
12	Land undrained, unfit for any crop	acres	1940	248,196	1,250	100	7,414	4,788
13			1930	531,454	1,143	1,080	2,611	10,678
14	Increase or decrease (-), 1930-1940	acres		-283,258	107	-980	4,803	-5,890
15		percent		-53.3	9.4	-90.7	184.0	-55.2
16	Land partly drained, for partial crop	acres	1940	273,237	2,675	.....	12,510	1,079
17			1930	1,068,246	800	400	7,652	10,568
18	Increase or decrease (-), 1930-1940	acres		-795,009	1,875	-400	4,858	-6,489
19		percent		-74.4	234.4	-100.0	63.5	-61.4
20	Improved land	acres	1940	7,921,202	243,676	6,860	91,414	100,372
21			1930	7,663,256	273,000	2,980	95,306	133,760
22			1920	7,182,352	298,843	[2]	[3] 58,386	116,347
	Unimproved land:							
23	Woodland and cut-over land	acres	1940	681,044	42,325	.....	40,478	11,381
24			1930	980,846	3,270	1,680	34,266	20,192
25			1920	2,195,562	14,072	[2]	85,348	16,729
26	Other unimproved land	acres	1940	376,140	950	100	13,507	4,014
27			1930	536,749	2,184	800	2,771	750
28			1920	351,257	.....	[2]	.....	10,432
29	Land in occupied farms	acres	1940	7,796,979	226,000	6,960	97,400	109,600
30			1930	8,826,265	277,773	2,980	105,472	153,520
31	Increase or decrease (-), 1930-1940	acres		-1,029,286	-51,773	3,980	-8,072	-43,920
32		percent		-11.7	-18.6	133.6	-7.6	-28.6
33	Land in planted crops	acres	1940	4,317,989	109,100	6,174	38,700	53,400
34			1930	6,462,936	250,374	1,460	59,225	99,172
35	Increase or decrease (-), 1930-1940	acres		-2,144,947	-141,274	4,714	-20,525	-45,772
36		percent		-33.2	-56.4	322.9	-34.6	-46.2
37	Land idle	acres	1940	1,082,024	102,828	.....	71,663	17,440
38			1930	1,041,456	14,776	2,560	33,802	24,537
39	Increase or decrease (-), 1930-1940	acres		40,568	88,052	-2,560	37,861	-7,197
40		percent		3.9	595.9	-100.0	112.0	-29.2
41	Land available for settlement	acres	1940	5,882	.....	.....	.....	.....
42			1930	50,237	400	1,000	10,640	.....
43	Increase or decrease (-), 1930-1940	acres		-44,355	-400	-1,000	-10,640	.....
44		percent		-88.3	-100.0	-100.0	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only	acres		7,620,741	272,425	6,960	143,829	85,424
46	Length of these ditches	miles		18,015.9	575.0	13.0	283.1	107.7
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		4,060	.....	.....	560	985
49	Length of these ditches	miles		21.2	.....	.....	2.0	0.2
50	Length of these levees	miles		10.5	.....	.....	0.1	2.8
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
52	Land drained by tile only	acres		503,303	4,989	.....	.....	9,728
53	Length of these tile	miles		2,128.0	12.4	.....	.....	34.1
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		503	.....	.....	.....	.....
56	Length of these tile	miles		1.1	.....	.....	.....	.....
57	Length of these levees	miles		2.1	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		848,539	9,537	.....	1,010	19,630
60	Length of these open ditches	miles		1,569.4	17.4	.....	2.5	33.9
61	Length of these tile	miles		1,099.6	13.0	.....	0.7	34.6
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		440	.....	.....	.....	.....
64	Length of these open ditches	miles		1.1	.....	.....	.....	.....
65	Length of these tile	miles		0.8	.....	.....	.....	.....
66	Length of these levees	miles		0.8	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres		[5] 800	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		1.0	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		0.2	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 7,692.
[2] Included in "Other counties."
[3] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.
[5] Includes data not distributed by counties.

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COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)			Bay	Berrien	Branch	Calhoun	Cass	Clare
	LAND AREA								
1	Approximate land area	acres	1940	285,440	371,200	323,840	453,760	312,320	366,080
2	Drainage enterprises	number	1940	175	302	167	118	44	41
3	Land in enterprises	acres	1940	225,775	156,795	143,160	217,610	50,585	22,364
4			1930	214,257	151,691	153,713	217,803	41,592	27,930
5			1920	241,501	122,877	148,460	252,397	64,027	21,164
6	Area of all enterprises, overlapping included	acres	1940	353,782	259,822	181,872	396,458	79,522	24,364
7	Amount of overlapping	acres	1940	128,007	103,027	38,712	178,848	28,937	2,000
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres	1940	225,670	155,396	142,769	190,297	49,557	20,181
9			1930	160,649	124,356	134,032	163,657	24,704	19,303
10	Increase or decrease (-), 1930-1940	acres		65,021	31,040	8,737	26,640	24,853	878
11		percent		40.5	25.0	6.5	16.3	100.6	4.5
12	Land undrained, unfit for any crop	acres	1940	65	132	.....	9,599	872	491
13			1930	220	8,155	590	26,835	8,831	3,000
14	Increase or decrease (-), 1930-1940	acres		-155	-8,023	-590	-17,236	-7,959	-2,509
15		percent		-70.4	-98.4	-100.0	-64.2	-90.1	-83.6
16	Land partly drained, for partial crop	acres	1940	40	1,267	391	17,714	156	1,692
17			1930	53,388	19,180	19,091	27,311	8,057	5,627
18	Increase or decrease (-), 1930-1940	acres		-53,348	-17,913	-18,700	-9,597	-7,901	-3,935
19		percent		-99.9	-93.4	-98.0	-35.1	-98.1	-69.9
20	Improved land	acres	1940	206,227	132,901	105,831	176,140	49,365	20,173
21			1930	184,946	137,002	150,899	144,893	27,096	19,103
22			1920	160,748	97,743	77,102	191,570	44,870	13,215
	Unimproved land:								
23	Woodland and cut-over land	acres	1940	19,089	16,685	29,640	19,583	750	1,205
24			1930	26,977	7,201	376	21,650	6,315	5,216
25			1920	79,740	1,093	7,449	36,550	5,074	7,949
26	Other unimproved land	acres	1940	459	7,209	7,689	21,887	470	986
27			1930	2,334	7,488	2,438	51,260	8,181	3,611
28			1920	1,013	24,041	63,909	24,277	14,083	.....
29	Land in occupied farms	acres	1940	205,415	132,500	135,100	200,200	43,000	19,508
30			1930	210,467	151,016	153,375	209,698	41,592	21,977
31	Increase or decrease (-), 1930-1940	acres		-5,052	-18,516	-18,275	-9,498	1,408	-2,469
32		percent		-2.4	-12.3	-11.9	-4.5	3.4	-11.2
33	Land in planted crops	acres	1940	120,300	80,600	69,000	84,900	19,300	16,488
34			1930	179,722	128,709	138,030	95,330	12,859	17,488
35	Increase or decrease (-), 1930-1940	acres		-59,422	-48,109	-69,030	-10,430	6,441	-1,000
36		percent		-33.1	-37.4	-50.0	-10.9	50.1	-5.7
37	Land idle	acres	1940	513	29,214	15,605	22,675	2,367	4,833
38			1930	5,625	10,097	3,298	79,637	9,622	8,043
39	Increase or decrease (-), 1930-1940	acres		-5,112	19,117	12,307	-56,962	-7,255	-3,210
40		percent		-90.9	189.3	373.2	-71.5	-75.4	-39.9
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	.....
42			1930	125	435	.....	844	.....	4,204
43	Increase or decrease (-), 1930-1940	acres		-125	-435	.....	-844	.....	-4,204
44		percent		-100.0	-100.0	.....	-100.0	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres		225,010	103,205	110,617	183,712	47,854	15,986
46	Length of these ditches	miles		627.8	234.4	262.9	291.2	94.2	29.9
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	1,185	.....	.....	.....
49	Length of these ditches	miles		.....	.....	10.3	.....	.....	.....
50	Length of these levees	miles		.....	.....	0.1	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		560	26,115	14,179	11,239	240	.....
53	Length of these tile	miles		3.0	102.4	57.8	42.7	0.7	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		205	27,475	17,179	22,659	2,491	6,378
60	Length of these open ditches	miles		3.1	48.6	22.7	35.9	7.5	18.8
61	Length of these tile	miles		0.8	36.8	35.5	26.9	2.6	10.4
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Clinton	Eaton	Genesee	Gladwin	Gratiot	Hillsdale
	LAND AREA						
1	Approximate land area.....acres....1940..	365,440	362,880	412,160	321,920	362,240	384,640
2	Drainage enterprises.....number...1940..	226	249	316	127	478	196
3	Land in enterprises.....acres....1940..	309,676	280,191	216,856	102,698	338,828	178,599
4	1930..	263,358	321,576	231,171	98,008	315,491	188,410
5	1920..	272,709	347,032	188,943	124,029	324,969	197,849
6	Area of all enterprises, overlapping included.....acres....1940..	540,757	911,262	287,229	106,428	553,099	248,618
7	Amount of overlapping.....acres....1940..	231,081	631,071	70,373	3,730	214,271	70,019
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	285,837	249,330	216,441	71,540	290,903	171,312
9	1930..	224,494	277,129	170,502	97,903	182,739	100,852
10	Increase or decrease (-), 1930-1940.....acres.....	61,343	-27,799	45,939	-26,363	108,164	70,460
11	percent.....	27.3	-10.0	26.9	-26.9	59.2	69.9
12	Land undrained, unfit for any crop.....acres....1940..	10,308	8,250	250	29,358	9,433	2,399
13	1930..	12,866	12,988	23,191	.....	20,202	23,112
14	Increase or decrease (-), 1930-1940.....acres.....	-2,558	-4,738	-22,941	29,358	-10,769	-20,713
15	percent.....	-19.9	-36.5	-98.9	.....	-53.3	-89.6
16	Land partly drained, for partial crop.....acres....1940..	13,531	22,611	165	1,800	38,492	4,888
17	1930..	25,998	31,459	37,478	105	112,550	64,446
18	Increase or decrease (-), 1930-1940.....acres.....	-12,467	-8,848	-37,313	1,695	-74,058	-59,558
19	percent.....	-48.0	-28.1	-99.6	(1)	-65.8	-92.4
20	Improved land.....acres....1940..	286,001	247,177	211,174	68,740	280,866	162,572
21	1930..	224,501	270,022	196,129	79,993	263,400	129,635
22	1920..	187,269	261,989	136,149	68,182	249,338	185,366
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	11,549	16,736	3,750	8,660	52,274	11,909
24	1930..	26,006	51,442	20,436	18,015	42,404	21,594
25	1920..	85,440	85,043	52,443	55,847	75,631	6,889
26	Other unimproved land.....acres....1940..	11,626	16,276	1,932	25,298	5,688	4,118
27	1930..	12,851	112	14,606	.....	9,687	37,181
28	1920..	.....	.....	351	.....	.....	5,594
29	Land in occupied farms.....acres....1940..	300,400	269,500	184,400	59,200	315,200	178,146
30	1930..	263,332	318,683	231,063	82,853	286,588	170,991
31	Increase or decrease (-), 1930-1940.....acres.....	37,068	-49,183	-46,663	-23,653	28,612	7,155
32	percent.....	14.1	-15.4	-20.2	-28.5	10.0	4.2
33	Land in planted crops.....acres....1940..	169,200	141,600	101,800	20,400	184,200	105,519
34	1930..	104,832	215,202	194,996	74,247	257,395	102,412
35	Increase or decrease (-), 1930-1940.....acres.....	64,368	-73,602	-93,196	-53,847	-73,195	3,107
36	percent.....	61.4	-34.2	-47.8	-72.5	-28.4	3.0
37	Land idle.....acres....1940..	16,745	15,835	1,705	33,958	2,699	21,095
38	1930..	29,284	37,493	336	14,450	35,006	25,255
39	Increase or decrease (-), 1930-1940.....acres.....	-12,539	-21,658	1,369	19,508	-32,307	-4,160
40	percent.....	-42.8	-57.8	407.4	135.0	-92.3	-16.5
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	14,615	9,461	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	-14,615	-9,461	.....
44	percent.....	.....	.....	.....	-100.0	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	254,872	156,197	137,452	102,348	195,578	87,399
46	Length of these ditches.....miles.....	449.2	325.8	340.0	269.5	581.2	117.3
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	16,835	39,366	30,502	350	58,255	35,172
53	Length of these tile.....miles.....	80.8	223.2	108.5	1.5	229.9	140.8
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	503	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	1.1	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	2.1	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	37,969	84,628	48,399	.....	84,645	56,028
60	Length of these open ditches.....miles.....	78.7	134.4	81.3	.....	154.0	59.2
61	Length of these tile.....miles.....	60.1	135.6	68.0	.....	90.0	69.6
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

CENSUS OF DRAINAGE — MICHIGAN

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Huron	Ingham	Ionia	Iosco	Isabella	Jackson
	LAND AREA						
1	Approximate land area....acres....1940..	526,080	357,760	368,000	350,080	366,080	451,200
2	Drainage enterprises....number...1940..	178	237	137	19	281	65
3	Land in enterprises....acres....1940..	309,524	263,980	166,479	91,458	218,992	253,462
4	1930..	339,544	308,856	155,890	39,988	247,472	290,909
5	1920..	430,219	222,114	286,153	31,974	307,024	76,139
6	Area of all enterprises, overlapping included....acres....1940..	613,293	403,377	284,282	95,618	390,121	430,955
7	Amount of overlapping....acres....1940..	303,769	139,397	117,803	4,160	171,129	177,493
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop....acres....1940..	309,524	214,069	148,840	65,066	203,384	241,614
9	1930..	289,439	235,070	133,347	36,783	220,581	231,879
10	Increase or decrease (-), 1930-1940....acres....	20,085	-21,001	15,493	28,283	-17,197	9,735
11	percent....	6.9	-8.9	11.6	76.9	-7.8	4.2
12	Land undrained, unfit for any crop....acres....1940..	....	24,485	13,268	26,083	1,865	6,433
13	1930..	8,849	26,450	8,998	811	1,015	11,814
14	Increase or decrease (-), 1930-1940....acres....	-8,849	-1,965	4,270	25,272	850	-5,381
15	percent....	-100.0	-7.4	47.4	(1)	83.7	-45.5
16	Land partly drained, for partial crop....acres....1940..	....	25,426	4,371	309	13,743	5,415
17	1930..	41,256	47,336	13,545	2,394	25,876	47,216
18	Increase or decrease (-), 1930-1940....acres....	-41,256	-21,910	-9,174	-2,085	-12,133	-41,801
19	percent....	-100.0	-46.3	-67.7	-87.1	-46.9	-88.5
20	Improved land....acres....1940..	309,524	217,656	146,529	63,628	206,956	237,135
21	1930..	283,861	239,036	136,744	28,792	220,437	231,935
22	1920..	[2]357,924	177,928	228,743	14,348	[2]201,061	91,747
	Unimproved land:						
23	Woodland and cut-over land....acres....1940..	....	27,109	9,884	4,151	3,220	3,620
24	1930..	38,953	30,040	11,602	10,390	27,035	45,690
25	1920..	72,295	9,905	43,188	14,731	105,963	4,273
26	Other unimproved land....acres....1940..	....	19,215	13,066	23,679	8,816	12,707
27	1930..	16,730	39,780	7,544	806	....	13,284
28	1920..	....	34,281	14,222	2,895	....	10,119
29	Land in occupied farms....acres....1940..	286,100	199,324	161,485	30,700	185,249	229,372
30	1930..	336,273	308,260	155,890	31,990	247,302	290,909
31	Increase or decrease (-), 1930-1940....acres....	-50,173	-108,936	5,595	-1,290	-62,053	-61,537
32	percent....	-14.9	-35.3	3.6	-4.0	-25.1	-21.2
33	Land in planted crops....acres....1940..	174,200	111,000	91,397	9,330	97,000	87,900
34	1930..	197,473	175,075	132,954	19,994	204,243	219,334
35	Increase or decrease (-), 1930-1940....acres....	-23,273	-64,075	-41,557	-10,664	-107,243	-131,434
36	percent....	-11.8	-36.6	-31.2	-53.3	-52.5	-59.9
37	Land idle....acres....1940..	....	22,142	49,504	26,285	69,918	28,382
38	1930..	43,056	6,900	101	9,996	15	34,042
39	Increase or decrease (-), 1930-1940....acres....	-43,056	15,242	49,403	16,289	69,903	-5,660
40	percent....	-100.0	220.9	(1)	163.0	(1)	-16.6
41	Land available for settlement....acres....1940..	....	....	2,222	....	....	....
42	1930..	....	430	....	....	....	....
43	Increase or decrease (-), 1930-1940....acres....	....	-430	2,222	....	....	....
44	percent....	....	-100.0	....	....	....	....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only....acres....	302,484	203,165	78,347	91,458	108,431	241,938
46	Length of these ditches....miles....	976.1	379.4	138.6	46.9	243.4	153.2
47	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
48	Land drained by open ditches and own levees....acres....	....	....	....	....	....	....
49	Length of these ditches....miles....	....	....	....	....	....	....
50	Length of these levees....miles....	....	....	....	....	....	....
51	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
52	Land drained by tile only....acres....	6,220	39,235	20,911	....	45,863	3,540
53	Length of these tile....miles....	8.4	142.0	92.3	....	211.4	14.7
54	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
55	Land drained by tile and own levees....acres....	....	....	....	....	....	....
56	Length of these tile....miles....	....	....	....	....	....	....
57	Length of these levees....miles....	....	....	....	....	....	....
58	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
59	Land drained by open ditches and tile....acres....	820	21,580	67,221	....	64,698	7,984
60	Length of these open ditches....miles....	5.3	44.7	88.2	....	130.2	14.5
61	Length of these tile....miles....	4.0	26.6	56.6	....	152.2	9.1
62	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
63	Land drained by open ditches, tile, and levees....acres....	....	....	....	....	....	....
64	Length of these open ditches....miles....	....	....	....	....	....	....
65	Length of these tile....miles....	....	....	....	....	....	....
66	Length of these levees....miles....	....	....	....	....	....	....
67	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....
68	Land in enterprises operating pumping plants....acres....	....	....	....	....	....	....
69	Length of open ditches owned by these enterprises..miles....	....	....	....	....	....	....
70	Length of tile owned by these enterprises....miles....	....	....	....	....	....	....
71	Length of levees owned by these enterprises....miles....	....	....	....	....	....	....
72	Part protected by levees of an outside agency....acres....	....	....	....	....	....	....

[1] Percent not shown when more than 1,000. [2] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Kalamazoo	Kent	Lapeer	Lenawee	Livingston	Macomb	Manistee	Mason	Mecosta	Midland	Missaukee	
362,880	551,680	421,760	482,560	365,440	307,840	357,120	315,520	300,320	332,800	361,600	1
79	180	162	302	141	191	16	66	27	179	21	2
75,855	181,162	290,742	293,874	102,180	185,067	11,497	45,125	28,435	215,005	31,090	3
65,147	151,775	303,028	309,447	139,565	162,870	8,883	50,280	28,535	265,481	33,040	4
79,511	145,370	238,235	275,535	213,481	250,359	12,128	26,333	23,590	326,690	26,802	5
90,496	227,286	488,129	656,701	127,256	336,994	11,497	51,820	29,885	327,643	31,390	6
14,641	46,124	197,387	362,827	25,076	151,927	.....	6,695	1,450	112,638	300	7
73,785	181,091	279,977	288,277	101,157	178,070	3,592	42,567	27,750	215,005	26,480	8
49,034	142,140	200,654	295,375	98,429	182,870	6,968	39,130	27,662	202,502	17,845	9
24,751	38,951	79,323	-7,098	2,728	-4,800	-3,376	3,437	88	12,503	8,635	10
50.5	27.4	39.5	-2.4	2.8	-2.6	-48.4	8.8	0.3	6.2	48.4	11
850	.....	10,765	970	198	1,814	7,905	500	685	.....	4,310	12
6,812	2,290	55,573	4,916	22,481	.....	1,550	3,142	217	10	8,580	13
-5,962	-2,290	-44,808	-3,946	-22,283	1,814	6,355	-2,642	468	-10	-4,270	14
-87.5	-100.0	-80.6	-80.3	-99.1	.....	410.0	-84.1	215.7	-100.0	-49.8	15
1,220	71	.....	4,627	825	5,183	.....	2,058	.....	.....	300	16
9,301	7,345	46,801	9,156	18,655	.....	365	8,008	656	62,969	6,615	17
-8,081	-7,274	-46,801	-4,529	-17,830	5,183	-365	-5,950	-656	-62,969	-6,315	18
-86.9	-99.0	-100.0	-49.5	-95.6	.....	-100.0	-74.3	-100.0	-100.0	-95.5	19
69,412	177,138	279,952	272,638	99,046	168,385	3,592	42,631	27,750	208,912	26,225	20
55,329	130,575	211,575	294,327	105,719	182,870	4,804	41,553	26,215	201,294	19,230	21
61,329	143,084	168,308	245,775	173,083	[2]208,052	6,885	18,431	21,563	101,210	10,388	22
6,113	3,649	25	12,036	2,392	13,947	2,000	405	60	5,144	600	23
4,820	18,945	61,905	10,470	9,025	.....	4,029	8,141	1,915	36,359	10,020	24
10,653	55	69,638	29,760	17,853	48,101	5,243	7,878	2,027	225,480	16,414	25
330	375	10,765	9,200	742	2,735	5,905	2,089	625	949	4,265	26
4,998	2,255	29,548	4,650	24,821	.....	50	586	405	27,838	3,790	27
7,529	2,231	289	.....	22,545	206	.....	24	.....	.....	.....	28
67,600	156,700	267,200	266,800	93,000	148,800	3,592	42,631	27,650	149,000	27,320	29
65,147	151,510	236,610	309,173	137,965	182,870	7,653	49,980	28,535	265,481	32,600	30
2,453	5,190	30,590	-42,373	-44,965	-34,070	-4,061	-7,349	-885	-116,481	-5,280	31
3.8	3.4	12.9	-13.7	-32.6	-18.6	-53.1	-14.7	-3.1	-43.9	-16.2	32
30,600	81,500	133,700	193,400	44,000	86,300	3,324	20,800	22,120	71,812	9,588	33
51,970	108,738	147,295	283,094	76,827	154,549	4,674	38,668	24,371	149,671	11,800	34
-21,370	-27,238	-13,595	-89,694	-32,827	-68,249	-1,350	-17,868	-2,251	-77,859	-2,212	35
-41.1	-25.0	-9.2	-31.7	-42.7	-44.2	-28.9	-3.2	-9.2	-52.0	-18.7	36
11,432	5,572	10,827	48,146	3,980	19,864	5,703	2,460	345	7,539	1,100	37
6,848	4,185	67,301	8,684	8,900	14,451	2,870	3,026	1,873	71,403	11,625	38
4,584	1,387	-56,474	39,462	-4,920	5,413	2,833	-566	-1,528	-63,864	-10,525	39
66.9	33.1	-83.9	454.4	-55.3	37.4	98.7	-18.7	-81.6	-89.4	-90.5	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	340	.....	250	.....	.....	.....	340	42
.....	.....	.....	.....	-340	.....	-250	.....	.....	.....	-340	43
.....	.....	.....	.....	-100.0	.....	-100.0	.....	.....	.....	-100.0	44
73,961	158,123	272,757	228,564	80,500	181,093	10,807	44,325	22,735	165,240	30,650	45
167.5	228.8	453.2	613.7	153.5	493.8	31.5	104.8	43.2	502.7	58.7	46
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
280	2,541	1,074	36,215	13,122	906	50	.....	1,660	7,355	.....	52
0.2	5.4	5.7	269.0	33.1	7.8	0.2	.....	5.2	17.6	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
1,614	20,498	16,911	29,095	8,558	3,068	640	800	4,040	42,410	440	59
3.8	31.5	30.2	50.5	8.9	14.3	1.0	1.1	4.4	111.8	2.2	60
1.8	13.4	12.2	65.2	9.0	4.4	0.5	0.5	3.2	18.9	0.2	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Monroe	Montcalm	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Osceola
	LAND AREA								
1	Approximate land area.....acres....1940..	359,680	455,680	322,560	548,480	561,280	343,040	367,360	371,840
2	Drainage enterprises.....number...1940..	351	118	83	115	101	60	7	44
3	Land in enterprises.....acres....1940..	322,000	127,316	82,178	115,593	155,451	78,112	9,800	46,240
4	1930..	320,305	133,884	95,248	106,578	183,650	81,259	5,960	49,000
5	1920..	251,387	153,513	85,919	116,695	179,541	84,587	.....	48,829
6	Area of all enterprises, overlapping included.....acres....1940..	712,573	162,634	109,468	149,829	319,984	113,180	9,800	52,173
7	Amount of overlapping.....acres....1940..	390,573	35,318	27,290	34,236	164,533	35,068	.....	5,933
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	321,967	114,287	71,034	105,433	151,918	47,330	8,176	38,082
9	1930..	312,563	94,965	90,713	99,348	153,933	51,840	5,482	44,915
10	Increase or decrease (-), 1930-1940.....acres.....	9,424	19,302	-19,679	6,065	-2,015	-4,510	2,694	-6,833
11	percent.....	3.0	20.3	-21.7	6.1	-1.3	-8.7	49.1	-15.2
12	Land undrained, unfit for any crop.....acres....1940..	.....	8,182	11,144	3,542	460	1,670	1,554	2,319
13	1930..	4,370	18,202	303	1,630	6,701	14,070	130	1,010
14	Increase or decrease (-), 1930-1940.....acres.....	-4,370	-10,020	10,841	1,912	-6,241	-12,400	1,424	1,309
15	percent.....	-100.0	-55.0	(4)	117.3	-93.1	-88.1	(4)	129.6
16	Land partly drained, for partial crop.....acres....1940..	13	4,847	.....	6,618	3,073	29,112	70	5,839
17	1930..	3,372	20,697	4,232	4,600	23,016	15,349	348	3,075
18	Increase or decrease (-), 1930-1940.....acres.....	-3,359	-15,850	-4,232	2,018	-19,943	13,763	-278	2,764
19	percent.....	-99.6	-76.6	-100.0	43.9	-86.6	89.7	-79.9	89.9
20	Improved land.....acres....1940..	257,429	96,735	71,134	81,660	147,545	46,798	7,921	30,347
21	1930..	302,464	100,264	81,555	84,964	166,024	56,980	4,291	33,440
22	1920..	215,029	110,816	77,417	81,258	132,131	37,116	.....	33,214
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	2,380	27,325	.....	31,638	527	29,644	1,032	8,155
24	1930..	12,033	6,552	7,480	20,404	2,614	21,695	1,546	15,365
25	1920..	32,314	39,894	8,146	35,437	47,410	47,063	.....	15,615
26	Other unimproved land.....acres....1940..	62,191	3,256	11,044	2,295	7,379	1,670	847	7,738
27	1930..	5,808	27,068	6,213	210	15,012	2,584	123	195
28	1920..	4,044	2,803	356	.....	.....	408	.....	.....
29	Land in occupied farms.....acres....1940..	267,000	122,555	80,278	94,900	120,171	76,372	7,944	30,347
30	1930..	316,760	133,784	93,725	93,503	183,169	72,499	4,794	35,880
31	Increase or decrease (-), 1930-1940.....acres.....	-49,760	-11,229	-13,447	1,397	-62,998	3,873	3,150	-5,533
32	percent.....	-15.7	-8.4	-14.3	1.5	-34.4	5.3	65.7	-15.4
33	Land in planted crops.....acres....1940..	172,500	92,687	27,100	42,100	87,569	46,120	7,560	26,799
34	1930..	290,535	78,750	63,550	68,488	122,141	46,485	3,010	29,884
35	Increase or decrease (-), 1930-1940.....acres.....	-118,035	13,937	-36,450	-26,388	-34,572	-365	4,550	-3,085
36	percent.....	-40.6	17.7	-57.4	-38.5	-28.3	-0.8	151.2	-10.3
37	Land idle.....acres....1940..	80,698	1,395	.....	38,306	22,914	27,012	1,740	7,070
38	1930..	16,241	41,130	17,308	23,852	10,483	25,820	1,100	3,675
39	Increase or decrease (-), 1930-1940.....acres.....	64,457	-39,735	-17,308	14,454	12,431	1,192	640	3,395
40	percent.....	396.9	-96.6	-100.0	60.6	118.6	4.6	58.2	92.4
41	Land available for settlement.....acres....1940..	.....	160	.....	.....	744	.....	.....	.....
42	1930..	.....	.....	1,000	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	160	-1,000	.....	744	.....	.....	.....
44	percent.....	.....	.....	-100.0	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	300,533	94,542	75,541	111,850	133,113	75,864	9,800	43,338
46	Length of these ditches.....miles.....	1,075.4	167.3	151.0	194.1	236.3	95.5	12.5	54.3
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	680	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	1.5	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	0.3	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	13,242	3,901	3,807	865	3,762	128	.....	.....
53	Length of these tile.....miles.....	43.6	11.4	14.9	3.2	22.2	0.3	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	7,775	28,873	2,150	2,878	18,576	2,120	.....	2,902
60	Length of these open ditches.....miles.....	14.5	79.6	5.0	8.2	34.7	3.5	.....	9.2
61	Length of these tile.....miles.....	5.6	15.5	0.7	3.9	13.5	1.7	.....	4.7
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[6].....acres.....	450	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	0.8	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes Alcona and Benzie Counties in 1940; Alcona, Benzie, Charlevoix, Luce, and Presque Isle Counties in 1930; and Alcona, Alpena, Benzie, Charlevoix, Emmett, Grand Traverse, Luce, and Presque Isle Counties in 1920.
[3] Included in "Other counties."

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Ottawa	Presque Isle[1]	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Other counties[2]	
360,960	418,560	333,440	519,680	473,600	325,120	615,040	345,600	522,240	388,480	458,240	388,480	635,520	1
194	1	8	252	184	40	153	296	176	182	150	291	3	2
190,587	1,800	12,220	366,116	234,481	29,966	439,293	268,263	350,716	183,815	202,098	197,000	3,200	3
183,945	(3)	14,340	357,850	250,288	36,000	386,701	280,982	365,589	182,656	257,903	127,382	45,642	4
252,928	(3)	8,360	444,570	194,825	31,151	540,607	281,166	487,423	173,508	191,596	259,667	59,128	5
277,477	1,800	12,220	849,199	304,514	42,414	1,043,349	427,842	1,001,742	311,047	436,716	381,046	3,200	6
86,890	.....	.....	483,083	70,033	12,448	604,056	159,579	651,026	127,232	234,618	184,046	.....	7
190,587	1,800	10,296	366,057	223,316	29,069	436,403	265,053	349,916	136,278	199,639	196,880	1,650	8
182,885	(3)	11,064	347,910	238,686	27,450	313,986	258,213	247,419	114,774	225,590	100,554	32,766	9
7,702	.....	-768	18,147	-15,370	1,639	122,417	6,840	102,497	21,504	-25,951	96,326	-31,116	10
4.2	.....	-6.9	5.2	-6.4	6.0	39.0	2.6	41.4	18.7	-11.5	95.8	-95.0	11
.....	.....	754	.....	7,155	708	2,838	.....	800	20,625	55	.....	1,550	12
285	(3)	1,733	1,500	3,899	4,333	23,480	8,493	69,922	12,070	20,541	12,302	7,470	13
-285	.....	-979	-1,500	3,256	-3,625	-20,642	-8,493	-69,122	8,555	-20,486	-12,302	-5,920	14
-100.0	.....	-56.5	-100.0	835	-83.7	-87.9	-100.0	-98.8	70.9	-99.7	-100.0	-79.2	15
.....	.....	1,170	59	4,010	169	52	3,210	.....	26,912	2,404	120	.....	16
775	(3)	1,543	8,440	7,703	4,217	49,235	14,276	48,248	55,812	11,772	14,526	5,406	17
-775	.....	-373	-8,381	-3,693	-4,048	-49,183	-11,066	-48,248	-28,900	-9,368	-14,406	-5,406	18
-100.0	.....	-24.2	-99.3	-47.9	-96.0	-99.9	-77.5	-100.0	-51.8	-79.6	-99.2	-100.0	19
190,537	1,200	8,834	347,526	202,719	29,064	389,517	241,347	344,560	126,754	188,453	162,354	1,650	20
175,281	(3)	8,107	335,150	220,493	23,346	336,763	241,077	253,197	138,686	222,796	100,226	31,181	21
[5]215,456	(3)	820	[5]300,819	142,705	21,426	[5]436,414	199,941	331,924	137,308	164,291	162,850	34,441	22
50	600	3,266	18,190	21,177	609	47,253	24,042	5,583	36,509	10,749	34,646	300	23
8,654	(3)	4,498	10,098	25,097	6,142	32,087	15,825	63,896	41,322	19,207	17,235	12,717	24
37,472	(3)	2,436	143,751	52,120	7,730	103,128	80,925	143,874	4,561	26,615	47,167	21,150	25
.....	.....	120	400	10,585	273	2,523	2,874	573	20,552	2,896	.....	1,250	26
10	.....	1,735	12,602	4,698	6,512	17,851	24,080	48,496	2,648	15,900	9,921	1,744	27
.....	(3)	5,104	.....	.....	1,995	1,065	300	11,625	31,639	690	49,650	3,537	28
174,900	1,800	11,996	326,600	207,600	28,998	408,300	251,400	310,400	149,416	169,500	130,200	1,250	29
183,845	(3)	8,672	355,850	249,644	35,867	360,744	280,932	297,796	179,793	256,784	127,352	35,344	30
-8,945	.....	3,324	-29,250	-42,044	-6,869	47,556	-29,532	12,604	-30,377	-87,284	2,848	-34,094	31
-4.9	.....	38.3	-8.2	-16.8	-19.2	13.2	-10.5	4.2	-16.9	-34.0	2.2	-96.5	32
103,300	1,000	7,082	191,500	113,800	21,070	232,200	136,500	196,200	70,500	80,800	71,700	1,250	33
160,461	(3)	5,430	323,280	190,013	20,140	274,994	220,395	205,822	91,928	210,783	99,227	25,437	34
-57,161	.....	1,652	-131,780	-76,213	930	-42,794	-83,895	-9,622	-21,428	-129,983	-27,527	-24,187	35
-35.6	.....	30.4	-40.8	-40.1	4.6	-15.6	-38.1	-4.7	-23.3	-61.7	-27.7	-95.1	36
50	800	4,962	18,519	31,399	1,872	83,426	34,045	1,155	40,247	12,395	95	1,550	37
805	(3)	6,780	19,443	22,376	13,735	49,107	8,924	62,971	44,358	13,700	14,774	15,677	38
-755	.....	-1,818	-924	9,023	-11,863	34,319	25,121	-61,816	-4,111	-1,305	-14,679	-14,127	39
-93.8	.....	-26.8	-4.8	40.3	-86.4	69.9	281.5	-98.2	-9.3	-9.5	-99.4	-90.1	40
.....	.....	.....	.....	.....	.....	2,656	.....	.....	.....	100	.....	.....	41
.....	.....	2,120	2,000	.....	110	.....	.....	1,560	110	53	.....	200	42
.....	.....	-2,120	-2,000	.....	-110	2,656	.....	-1,560	-110	47	.....	-200	43
.....	.....	-100.0	-100.0	.....	-100.0	.....	.....	-100.0	-100.0	88.7	.....	-100.0	44
188,687	1,800	12,220	356,429	233,647	26,803	436,985	238,089	346,485	158,624	161,118	188,627	3,200	45
395.3	3.0	16.6	1,024.3	473.0	91.2	1,307.4	564.1	1,146.8	369.1	311.0	932.3	4.2	46
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.....	.....	.....	650	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	7.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	7.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	4,912	745	785	168	14,137	1,178	1,885	19,233	8,053	.....	52
.....	.....	.....	19.7	1.9	3.0	2.1	55.7	3.2	4.4	71.1	20.5	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
1,900	.....	.....	3,685	89	2,378	2,140	16,037	3,053	23,306	21,747	320	.....	59
4.0	.....	.....	18.0	0.3	10.5	10.5	44.1	9.3	37.0	39.3	1.1	.....	60
1.6	.....	.....	7.5	0.1	4.0	2.1	26.6	8.3	19.2	21.8	0.4	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	440	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	1.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	0.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	0.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[4] Percent not shown when more than 1,000.
[5] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.
[6] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)		THE STATE	Allegan	Alpena	Arenac	Barry	Bay
	DRAINAGE WORKS							
1	Drainage enterprises	1940	[1] 8,130	382	5	117	97	175
	Open ditches:							
2	Completed—miles	1940	19,608.6	582.4	13.0	287.6	141.8	630.9
3		1930	17,188.5	489.9	8.4	258.5	148.0	484.8
4		1920	16,023.8	465.6	[2]	203.2	116.4	425.9
5	Additional length authorized—miles	1940	26.5	.....	.....	2.0	.....	.....
	Tile drains:							
6	Completed—miles	1940	3,229.5	25.4	.....	0.7	68.7	3.8
7		1930	3,490.2	16.7	.....	.....	50.1	6.6
8		1920	2,173.9	13.2	[2]	0.3	44.3	1.1
9	Additional length authorized—miles	1940	2.4	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed—miles	1940	13.6	.....	.....	0.1	2.8	.....
11		1930	34.6	.....	.....	.....	.....	.....
12		1920	33.1	.....	.....	.....	.....	.....
13	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity—horsepower	1940	[3] 17	.....	.....	.....	.....	.....
15		1930	275	.....	.....	.....	.....	.....
16		1920	1,065	.....	.....	.....	.....	.....
17	Pump capacity—gal. per min.	1940	[3] 6,000	.....	.....	.....	.....	.....
18		1930	36,340	.....	.....	.....	.....	.....
19		1920	62,000	.....	.....	.....	.....	.....
20	Land served by pumps—acres	1940	[3] 800	.....	.....	.....	.....	.....
21		1930	8,270	.....	.....	.....	.....	.....
22		1920	10,100	.....	.....	.....	.....	.....
23	Wells pumped for drainage—number	1940	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1—dollars	1940	40,412,251	722,361	6,800	791,832	276,433	981,807
26		1930	37,677,084	579,751	4,629	775,693	253,946	1,102,966
27		1920	24,683,715	414,461	[2]	473,012	197,771	500,910
28	Estimated cost when completed—dollars	1940	40,479,644	722,361	6,800	793,332	276,433	981,807
29		1930	37,778,560	580,182	4,629	775,693	253,946	1,102,968
30		1920	25,048,980	416,121	[2]	475,212	198,350	500,910
31	Average cost per acre when completed—dollars	1940	4.51	2.52	0.98	5.46	2.39	4.35
32		1930	4.11	2.08	0.85	5.86	1.64	5.15
33		1920	2.57	1.33	[2]	3.31	1.38	2.07
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only—dollars	1940	29,203,880	659,589	6,800	787,277	141,851	970,637
35	Average amount per acre—dollars	1940	3.83	2.42	0.98	5.47	1.66	4.31
36	Enterprises having open ditches and levees—dollars	1940	43,787	.....	.....	1,776	6,240	.....
37	Average amount per acre—dollars	1940	10.78	.....	.....	3.17	6.34	.....
38	Enterprises having tile only—dollars	1940	5,806,536	19,083	.....	.....	55,697	2,010
39	Average amount per acre—dollars	1940	11.54	3.82	.....	.....	5.72	3.59
40	Enterprises having tile and levees—dollars	1940	1,455	.....	.....	.....	.....	.....
41	Average amount per acre—dollars	1940	2.89	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile—dollars	1940	5,409,465	43,689	.....	4,279	72,645	9,160
43	Average amount per acre—dollars	1940	6.38	4.58	.....	4.24	3.70	44.68
44	Enterprises having ditches, tile, and levees—dollars	1940	3,780	.....	.....	.....	.....	.....
45	Average amount per acre—dollars	1940	8.59	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants [4]—dollars	1940	[3] 10,741	.....	.....	.....	.....	.....
47	Average amount per acre—dollars	1940	[3] 13.43	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants—dollars	1940	540	.....	.....	.....	.....	.....
49	Enterprises reporting—number	1940	1	.....	.....	.....	.....	.....
50	Land in these enterprises—acres	1940	450	.....	.....	.....	.....	.....
51	Average cost per acre—dollars	1940	1.20	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants—dollars	1940	178,778	5,727	.....	.....	1,702	.....
53	Enterprises reporting—number	1940	613	26	.....	.....	15	.....
54	Land in these enterprises—acres	1940	753,409	26,775	.....	.....	35,186	.....
55	Average cost per acre—dollars	1940	0.24	0.21	.....	.....	0.05	.....
	Federal aid in maintenance:							
56	Enterprises reporting—number	1940	2,596	.....	.....	92	.....	109
57	Land in these enterprises—acres	1940	2,256,968	.....	.....	97,379	.....	114,743
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939—dollars	1940	233,665	[5]	.....	[5]	2,314	6,826
59	Enterprises reporting—number	1940	534	1	.....	1	3	12
60	Land in these enterprises—acres	1940	828,322	[5]	.....	[5]	2,085	9,008
61	Average amount collected per acre—dollars	1940	0.28	[5]	.....	[5]	1.11	0.76
62	Area delinquent in drainage taxes, Dec. 31, 1939—acres	1940	37,026	850	.....	3,600	.....	3,895
63	Enterprises reporting—number	1940	198	8	.....	4	.....	11
64	Land in these enterprises—acres	1940	234,559	4,460	.....	17,717	.....	9,008
65	Portion delinquent in these enterprises—percent	1940	15.8	19.0	.....	20.3	.....	43.2
66	Total indebtedness, Dec. 31, 1939—dollars	1940	809,579	802	.....	53,625	9,140	12,941
67	Enterprises reporting—number	1940	673	8	.....	21	9	7
68	Land in these enterprises—acres	1940	574,776	4,460	.....	26,102	7,029	2,995
69	Average indebtedness per acre—dollars	1940	1.41	0.18	.....	2.05	1.30	4.32
70	Indebtedness in arrears, Dec. 31, 1939—dollars	1940	156,741	708	.....	51,900	.....	.....
71	Enterprises reporting—number	1940	59	8	.....	6	.....	.....
72	Land in these enterprises—acres	1940	64,770	4,460	.....	19,144	.....	.....
73	Average arrearage per acre—dollars	1940	2.42	0.16	.....	2.71	.....	.....
74	Reduction of debt by refinancing, prior to 1940—dollars	1940	[3] 1,250	.....	.....	.....	.....	.....
75	Enterprises reporting—number	1940	[3] 1	.....	.....	.....	.....	.....
76	Land in these enterprises—acres	1940	[3] 1,000	.....	.....	.....	.....	.....
77	Average reduction per acre—dollars	1940	[3] 1.25	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 7,692.
[2] Included in "Other counties."
[3] Includes data not distributed by counties.

AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Berrien	Branch	Calhoun	Cass	Clare	Clinton	Eaton	Genesee	Gladwin	Gratiot	Hillsdale	
302	167	118	44	41	226	249	316	127	478	196	1
283.0	295.9	327.1	101.7	48.7	527.9	460.2	421.3	269.5	735.4	176.5	2
298.8	214.7	302.0	86.3	54.1	596.7	470.4	370.1	243.9	797.9	163.0	3
217.7	257.4	245.0	81.0	43.0	546.7	447.5	342.6	224.4	798.5	174.1	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	0.5	.....	5
139.2	93.3	69.6	3.3	10.4	140.9	358.8	177.6	1.5	319.9	210.4	6
126.0	91.0	57.0	3.1	11.0	133.7	308.4	159.8	0.5	286.3	222.1	7
74.4	100.6	47.4	2.8	3.8	97.1	185.7	106.9	0.9	174.3	173.8	8
0.9	.....	0.1	.....	.....	.....	.....	.....	.....	0.2	.....	9
.....	0.1	.....	.....	.....	.....	.....	2.1	.....	0.2	.....	10
.....	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
766,502	551,680	845,210	305,002	88,903	1,491,825	1,576,166	1,042,845	456,106	2,453,549	711,378	25
728,982	480,816	750,744	280,458	87,863	1,272,686	1,480,565	1,209,749	366,882	1,933,422	733,204	26
315,540	515,941	421,011	150,293	66,261	1,026,932	1,058,638	704,672	366,320	1,506,847	587,573	27
766,792	551,680	846,210	305,002	88,903	1,491,825	1,576,166	1,042,845	456,106	2,455,269	711,378	28
728,982	480,816	750,744	280,458	87,863	1,272,686	1,480,565	1,209,749	366,882	1,933,422	733,204	29
315,540	515,941	421,011	158,793	66,261	1,026,932	1,065,948	705,917	366,320	1,506,847	587,573	30
4.89	3.85	3.89	6.03	3.98	4.82	5.63	4.81	4.44	7.25	3.98	31
4.81	3.13	3.45	6.74	3.15	4.83	4.60	5.23	3.74	6.13	3.89	32
2.57	3.48	1.67	2.48	3.13	3.77	3.07	3.74	2.95	4.64	2.97	33
391,282	289,863	636,044	284,462	56,574	796,945	583,438	371,522	451,126	1,068,066	211,532	34
3.79	2.62	3.46	5.94	3.54	3.13	3.74	2.70	4.41	5.46	2.42	35
.....	20,740	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	17.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
226,860	133,104	83,184	1,147	.....	226,890	482,241	251,139	4,980	758,001	287,500	38
8.69	9.39	7.40	4.78	.....	13.48	12.25	8.23	14.23	13.01	8.17	39
.....	.....	.....	.....	.....	.....	.....	1,455	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	2.89	.....	.....	.....	41
148,650	107,973	126,982	19,393	32,329	467,990	510,487	418,729	.....	622,201	212,346	42
5.41	6.28	5.60	7.78	5.07	12.32	6.03	8.65	.....	7.35	3.79	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
18,840	1,853	5,460	(5)	.....	981	4,031	15,484	.....	2,897	4,382	52
169	7	14	2	.....	5	62	48	.....	58	17	53
67,714	3,036	64,112	(5)	.....	6,758	44,735	33,995	.....	47,156	16,442	54
0.28	0.61	0.08	(5)	.....	0.14	0.09	0.46	.....	0.06	0.27	55
281	.....	4	22	5	3	19	172	42	70	18	56
115,172	.....	4,874	10,982	3,353	1,420	20,266	138,958	39,230	77,813	21,992	57
10,873	1,007	6,916	1,635	.....	4,027	39,020	.....	.....	6,688	9,744	58
46	3	25	3	.....	14	22	.....	.....	120	18	59
27,219	487	76,322	1,707	.....	18,272	28,856	.....	.....	112,071	14,801	60
0.40	2.07	0.09	0.96	.....	0.22	1.35	.....	.....	0.06	0.66	61
3,508	.....	8,647	.....	.....	.....	(5)	(5)	.....	6,022	(5)	62
25	.....	24	.....	.....	.....	1	1	.....	59	1	63
19,157	.....	32,549	.....	.....	.....	(5)	(5)	.....	60,845	(5)	64
18.3	.....	26.6	.....	.....	.....	(5)	(5)	.....	9.9	(5)	65
9,804	2,746	1,397	(5)	.....	1,533	37,436	36,934	.....	18,138	.....	66
41	4	7	1	.....	7	110	86	.....	33	.....	67
19,280	1,298	6,824	(5)	.....	7,958	79,856	69,477	.....	24,210	.....	68
0.51	2.12	0.20	(5)	.....	0.19	0.47	0.53	.....	0.75	.....	69
3,852	.....	(5)	.....	.....	.....	.....	(5)	.....	(5)	.....	70
9	.....	1	.....	.....	.....	.....	1	.....	1	.....	71
2,291	.....	(5)	.....	.....	.....	.....	(5)	.....	(5)	.....	72
1.68	.....	(5)	.....	.....	.....	.....	(5)	.....	(5)	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are included only in the State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)	Huron	Ingham	Ionia	Iosco	Isabella	Jackson
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	178	237	137	19	281	65
	Open ditches:						
2	Completed.....miles.....1940..	981.4	424.1	226.8	46.9	373.6	167.7
3	1930..	666.2	398.1	273.0	49.9	476.8	148.9
4	1920..	651.1	322.1	243.4	32.1	289.5	112.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Tile drains:						
6	Completed.....miles.....1940..	12.4	168.6	148.9	.....	363.6	23.8
7	1930..	2.0	200.3	127.5	.....	364.0	24.5
8	1920..	.....	154.6	98.8	0.2	277.3	10.5
9	Additional length authorized.....miles.....1940..	0.3	.....	.....	.....	.....	.....
	Levees and dikes:						
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED						
25	Capital invested to January 1.....dollars.....1940..	2,380,994	1,303,090	652,057	116,400	1,169,434	799,793
26	1930..	1,393,836	1,446,968	551,063	125,450	1,236,945	760,650
27	1920..	1,160,924	875,515	539,859	65,428	785,943	115,338
28	Estimated cost when completed.....dollars.....1940..	2,405,994	1,303,090	652,057	116,400	1,169,434	799,793
29	1930..	1,393,836	1,446,968	551,063	125,450	1,238,280	760,650
30	1920..	1,211,974	875,515	539,859	65,428	785,943	115,338
31	Average cost per acre when completed.....dollars.....1940..	7.77	4.94	3.92	1.27	5.34	3.16
32	1930..	4.11	4.68	3.53	3.14	5.00	2.61
33	1920..	2.82	3.94	1.89	2.05	2.56	1.51
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only.....dollars..	2,257,659	727,466	193,993	116,400	355,657	722,320
35	Average amount per acre.....dollars..	7.46	3.58	2.48	1.27	3.28	2.98
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	136,641	479,594	180,637	.....	372,167	29,229
39	Average amount per acre.....dollars..	21.97	12.22	8.64	.....	8.11	8.26
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	11,694	96,030	277,427	.....	441,610	48,244
43	Average amount per acre.....dollars..	14.26	4.45	4.13	.....	6.82	6.04
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	23,417	.....	248	.....	1,194	1,310
53	Enterprises reporting.....number...	14	.....	3	.....	43	3
54	Land in these enterprises.....acres....	42,456	.....	432	.....	18,038	1,230
55	Average cost per acre.....dollars..	0.55	.....	0.57	.....	0.07	1.06
	Federal aid in maintenance:						
56	Enterprises reporting.....number...	38	5	36	11	33	4
57	Land in these enterprises.....acres....	77,380	10,944	24,740	75,938	27,710	2,800
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939.....dollars..	(1)	.....	13,774	.....	3,474	.....
59	Enterprises reporting.....number...	2	.....	31	.....	24	.....
60	Land in these enterprises.....acres....	(1)	.....	28,653	.....	15,658	.....
61	Average amount collected per acre.....dollars..	(1)	.....	0.48	.....	0.22	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(1)	.....	2,139	.....	2,360	.....
63	Enterprises reporting.....number...	1	.....	18	.....	21	.....
64	Land in these enterprises.....acres....	(1)	.....	15,336	.....	42,700	.....
65	Portion delinquent in these enterprises.....percent..	(1)	.....	13.9	.....	5.5	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	(1)	.....	41,759	.....	4,559	.....
67	Enterprises reporting.....number...	2	.....	21	.....	92	.....
68	Land in these enterprises.....acres....	(1)	.....	12,707	.....	47,893	.....
69	Average indebtedness per acre.....dollars..	(1)	.....	3.29	.....	0.10	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(1)	.....	1,420	.....	.....	.....
71	Enterprises reporting.....number...	1	.....	17	.....	.....	.....
72	Land in these enterprises.....acres....	(1)	.....	15,514	.....	.....	.....
73	Average arrearage per acre.....dollars..	(1)	.....	0.09	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in the State totals.

1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Kalamazoo	Kent	Lapeer	Lenawee	Livingston	Macomb	Manistee	Mason	Mecosta	Midland	Missaukee	
79	180	162	302	141	191	16	66	27	179	21	1
171.3	260.3	483.4	664.2	162.4	508.1	32.5	105.9	47.6	614.5	60.9	2
160.1	235.8	485.5	453.3	211.8	309.8	27.2	92.3	34.3	674.0	67.2	3
145.5	206.2	372.2	465.6	245.2	348.2	29.8	94.3	41.4	608.1	60.7	4
.....	14.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
2.0	18.8	17.9	334.2	42.1	12.2	0.7	0.5	8.4	36.5	0.2	6
3.9	12.9	6.8	253.7	75.3	.....	0.5	.....	6.2	50.3	2.8	7
4.0	14.1	20.2	233.3	65.2	12.1	0.3	0.4	1.7	58.0	0.2	8
.....	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	1.0	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
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.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
192,194	494,272	764,961	1,340,722	329,458	1,047,021	38,978	161,379	107,834	767,638	58,689	25
205,045	459,392	681,201	889,157	498,860	675,127	43,791	117,762	78,704	1,469,236	64,973	26
167,351	241,543	566,317	923,653	487,860	396,849	23,610	88,803	54,863	994,167	61,698	27
192,194	520,646	764,961	1,340,722	329,458	1,047,021	38,978	161,379	107,834	767,638	58,689	28
205,045	459,392	681,201	889,157	498,860	675,127	43,791	117,762	78,704	1,469,236	64,973	29
178,098	271,543	573,742	946,798	487,860	396,849	31,610	88,803	54,863	1,029,181	64,498	30
2.53	2.87	2.63	4.56	3.22	5.66	3.39	3.58	3.79	3.57	1.89	31
3.15	30.3	2.25	2.87	3.57	3.69	4.93	2.34	2.76	5.53	1.97	32
2.24	1.87	2.41	3.44	2.29	1.55	2.61	3.37	2.33	3.15	2.41	33
182,368	400,148	694,296	700,731	207,553	897,557	30,313	159,376	66,331	535,150	57,789	34
2.46	2.53	2.54	3.06	2.58	4.96	2.80	3.60	2.92	3.24	1.88	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
589	15,005	15,392	428,708	77,418	51,060	3,665	.....	11,341	27,716	.....	38
2.10	5.90	14.33	11.84	5.90	56.36	73.30	.....	6.83	3.77	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
9,237	105,493	55,273	211,283	44,487	98,404	5,000	2,003	30,162	204,772	900	42
5.72	5.15	3.27	7.26	5.20	32.07	7.81	2.50	7.46	4.83	2.04	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	1,199	1,937	.....	(1)	.....	(1)	.....	.....	52
.....	.....	.....	12	24	.....	1	.....	1	.....	.....	53
.....	.....	.....	24,262	24,915	.....	(1)	.....	(1)	.....	.....	54
.....	.....	.....	0.05	0.08	.....	(1)	.....	(1)	.....	.....	55
61	88	39	.....	61	145	.....	1	4	67	.....	56
58,897	103,216	30,453	.....	55,916	96,173	.....	(2)	4,280	76,920	.....	57
.....	1,956	.....	(1)	.....	.....	.....	(1)	(1)	2,540	.....	58
.....	56	.....	2	.....	.....	.....	2	1	33	.....	59
.....	74,100	.....	(1)	.....	.....	.....	(1)	(1)	44,620	.....	60
.....	0.03	.....	(1)	.....	.....	.....	(1)	(1)	0.06	.....	61
.....	1,120	.....	.....	.....	755	.....	320	.....	.....	.....	62
.....	12	.....	.....	.....	3	.....	3	.....	.....	.....	63
.....	19,656	.....	.....	.....	1,650	.....	3,180	.....	.....	.....	64
.....	5.7	.....	.....	.....	45.8	.....	10.1	.....	.....	.....	65
.....	5,031	.....	13,775	3,134	15,662	.....	520	.....	.....	.....	66
.....	29	.....	8	14	9	.....	15	.....	.....	.....	67
.....	27,358	.....	10,426	13,177	3,043	.....	10,034	.....	.....	.....	68
.....	0.18	.....	1.32	0.24	5.15	.....	0.05	.....	.....	.....	69
.....	(1)	.....	.....	.....	(1)	.....	.....	.....	.....	.....	70
.....	1	.....	.....	.....	2	.....	.....	.....	.....	.....	71
.....	(1)	.....	.....	.....	(1)	.....	.....	.....	.....	.....	72
.....	(1)	.....	.....	.....	(1)	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[2] Acreage of 1 enterprise in Mason County included in amount shown for 26 enterprises in Newaygo County.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)			Monroe	Montcalm	Muskegon	Newaygo	Oakland	Oceana	Ogemaw	Osceola
	DRAINAGE WORKS										
1	Drainage enterprises	number	1940	351	118	83	115	101	60	7	44
	Open ditches:										
2	Completed	miles	1940	1,090.7	246.9	157.5	202.3	271.0	99.0	12.5	63.5
3			1930	619.2	241.1	174.5	181.4	264.7	115.9	8.5	74.1
4			1920	627.3	241.0	146.8	157.8	249.8	79.5	.....	78.7
5	Additional length authorized	miles	1940	1.8	.....	5.0	.....	.....	.....	.....	.....
	Tile drains:										
6	Completed	miles	1940	49.2	26.9	15.6	7.1	35.7	2.0	.....	4.7
7			1930	562.5	22.8	1.5	11.7	14.8	2.4	.....	4.7
8			1920	24.1	10.7	2.5	6.1	17.4	3.5	.....	0.3
9	Additional length authorized	miles	1940	0.7	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles	1940	.....	.....	0.3	.....	.....	.....	.....	.....
11			1930	11.5	.....	.....	.....	.....	.....	.....	.....
12			1920	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower	1940	7	.....	.....	.....	.....	.....	.....	.....
15			1930	25	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	1,000	.....	.....	.....	.....	.....	.....	.....
18			1930	3,000	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	450	.....	.....	.....	.....	.....	.....	.....
21			1930	770	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars	1940	1,168,981	337,886	193,646	272,283	775,935	150,593	35,467	79,704
26			1930	1,473,321	355,548	153,049	281,137	576,535	161,919	56,417	103,018
27			1920	479,737	276,104	90,748	155,830	371,331	93,641	.....	84,744
28	Estimated cost when completed	dollars	1940	1,170,553	337,886	198,695	272,283	775,935	150,593	35,467	79,704
29			1930	1,473,321	355,548	153,049	281,137	576,535	161,919	56,417	103,018
30			1920	479,937	276,104	92,498	155,830	382,647	93,641	.....	84,744
31	Average cost per acre when completed	dollars	1940	3.64	2.65	2.42	2.36	4.99	1.93	3.62	1.72
32			1930	4.60	2.66	1.61	2.66	3.14	1.99	9.47	2.10
33			1920	1.91	1.80	1.08	1.34	2.13	1.11	.....	1.74
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars		904,096	167,217	170,984	253,682	424,282	144,792	35,467	68,124
35	Average amount per acre	dollars		3.01	1.77	2.26	2.27	3.19	1.91	3.62	1.57
36	Enterprises having open ditches and levees	dollars		.....	.....	2,531	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	3.72	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		189,887	23,745	18,781	3,952	159,128	349	.....	.....
39	Average amount per acre	dollars		14.34	6.09	4.93	4.57	42.30	2.73	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		72,830	146,924	6,389	14,649	192,525	5,452	.....	11,580
43	Average amount per acre	dollars		9.37	5.09	2.97	5.09	10.36	2.57	.....	3.99
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4]	dollars		3,740	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		8.31	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars		[5] 540	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		[5] 450	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		[5] 1.20	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		([6])	.....	41,806	.....	([6])	([6])	.....	.....
53	Enterprises reporting	number		1	.....	23	.....	1	1	.....	.....
54	Land in these enterprises	acres		([6])	.....	26,180	.....	([6])	([6])	.....	.....
55	Average cost per acre	dollars		([6])	.....	1.60	.....	([6])	([6])	.....	.....
	Federal aid in maintenance:										
56	Enterprises reporting	number		158	57	68	26	97	.....	4	.....
57	Land in these enterprises	acres		69,439	82,502	66,991	[7] 24,173	104,775	.....	5,920	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars		24,070	4,609	.....	([6])	([6])	([6])	.....	.....
59	Enterprises reporting	number		54	4	.....	1	2	1	.....	.....
60	Land in these enterprises	acres		49,532	2,517	.....	([6])	([6])	([6])	.....	.....
61	Average amount collected per acre	dollars		0.48	1.83	.....	([6])	([6])	([6])	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		([6])	.....	.....	.....	325	.....	.....	.....
63	Enterprises reporting	number		1	.....	.....	.....	4	.....	.....	.....
64	Land in these enterprises	acres		([6])	.....	.....	.....	3,627	.....	.....	.....
65	Portion delinquent in these enterprises	percent		([6])	.....	.....	.....	9.0	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars		77,854	6,286	([6])	9,355	34,500	([6])	.....	.....
67	Enterprises reporting	number		42	5	2	3	4	1	.....	.....
68	Land in these enterprises	acres		69,404	2,889	([6])	26,298	1,132	([6])	.....	.....
69	Average indebtedness per acre	dollars		1.12	2.18	([6])	0.36	30.48	([6])	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars		([6])	.....	([6])	.....	27,000	([6])	.....	.....
71	Enterprises reporting	number		1	.....	1	.....	3	1	.....	.....
72	Land in these enterprises	acres		([6])	.....	([6])	.....	802	([6])	.....	.....
73	Average arrearage per acre	dollars		([6])	.....	([6])	.....	33.66	([6])	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes Alcona and Benzie Counties in 1940; Alcona, Benzie, Charlevoix, Luce, and Presque Isle Counties in 1930; and Alcona, Alpena, Benzie, Charlevoix, Emmett, Grand Traverse, Luce, and Presque Isle Counties in 1920.
[3] Included in "Other counties."

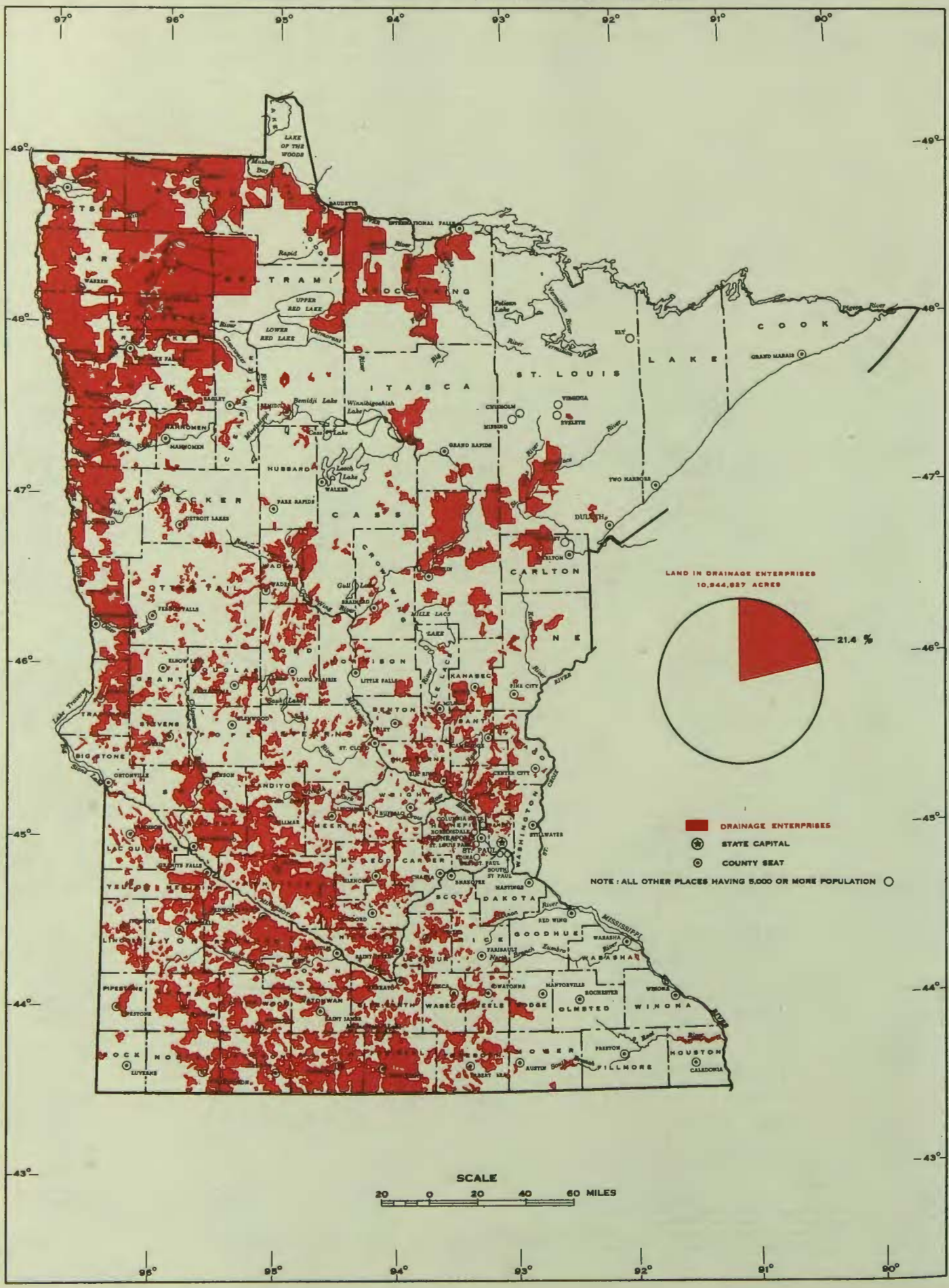
1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Ottawa	Presque Isle[1]	Roscommon	Saginaw	St. Clair	St. Joseph	Sanilac	Shiawassee	Tuscola	Van Buren	Washtenaw	Wayne	Other counties[2]	
194	1	8	252	184	40	153	296	176	182	150	291	3	1
399.3	3.0	16.6	1,050.6	473.3	101.7	1,317.9	608.2	1,156.1	406.1	350.3	933.4	4.2	2
386.4	(3)	17.7	966.1	535.7	112.1	1,197.0	559.6	901.3	307.6	299.0	406.0	68.9	3
388.9	(3)	14.4	975.9	410.3	104.8	1,156.9	501.4	736.0	266.7	267.3	644.8	118.5	4
.....	.....	.....	3.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
1.6	.....	.....	28.0	2.0	7.0	4.2	82.3	11.5	23.6	92.9	20.9	.....	6
2.2	.....	.....	42.6	2.1	3.8	1.3	101.1	1.7	24.9	76.3	10.8	.....	7
1.5	(3)	.....	8.2	.....	6.5	0.5	64.1	2.0	10.8	28.8	8.8	0.6	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	8.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	22.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	33.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	1,060	.....	.....	.....	.....	.....	.....	.....	5	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	33,340	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	60,000	.....	.....	.....	.....	.....	.....	.....	2,000	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	7,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	10,000	.....	.....	.....	.....	.....	.....	.....	100	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
395,153	3,000	12,588	2,439,687	781,486	188,693	2,578,359	1,389,448	2,183,911	500,111	1,166,674	957,242	8,091	25
432,100	(3)	14,655	2,742,200	829,110	229,025	2,024, 19	1,339,006	1,856,742	642,451	1,045,249	537,768	82,397	26
285,666	(3)	11,425	1,525,615	395,198	149,348	1,372,961	917,107	1,301,398	380,957	383,280	408,146	124,576	27
395,153	3,000	12,588	2,444,585	781,486	188,693	2,578,359	1,389,448	2,183,911	500,111	1,166,674	957,242	8,091	28
432,100	(3)	14,655	2,778,754	829,110	229,325	2,024,919	1,351,862	1,906,742	642,451	1,045,249	537,768	82,397	29
285,763	(3)	14,925	1,547,635	408,033	149,348	1,374,641	917,107	1,428,963	380,957	394,502	411,151	124,976	30
2.07	1.67	1.03	6.68	3.33	6.30	5.87	5.18	6.23	2.72	5.77	4.86	2.53	31
2.35	(3)	1.02	7.77	3.31	6.37	5.24	4.81	5.22	3.52	4.05	4.22	1.80	32
1.13	(3)	1.79	3.48	2.09	4.79	2.54	3.26	2.93	2.20	2.06	1.58	2.11	33
385,070	3,000	12,588	2,285,594	762,014	166,487	2,548,839	1,123,967	2,160,752	420,158	385,452	761,109	8,091	34
2.04	1.67	1.03	6.41	3.26	6.21	5.83	4.72	6.24	2.65	2.39	4.03	2.53	35
.....	.....	.....	12,500	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	19.23	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	76,513	15,751	13,773	6,220	147,001	7,825	7,817	579,271	195,525	.....	38
.....	.....	.....	15.58	21.14	17.54	37.02	10.40	6.64	4.15	30.12	24.28	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
10,083	.....	.....	66,198	3,721	8,433	23,300	118,480	15,334	72,136	201,951	608	.....	42
5.31	.....	.....	17.96	41.81	3.55	10.89	7.39	5.02	3.10	9.29	1.90	.....	43
.....	.....	.....	3,780	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	8.59	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	1,523	.....	(5)	1,919	.....	31,490	.....	9,292	.....	.....	52
.....	.....	.....	6	.....	1	3	.....	39	.....	14	.....	.....	53
.....	.....	.....	3,167	.....	(5)	190,860	.....	57,671	.....	10,803	.....	.....	54
.....	.....	.....	0.48	.....	(5)	0.01	.....	0.55	.....	0.86	.....	.....	55
73	.....	.....	77	31	8	16	97	35	.....	142	277	.....	56
52,300	.....	.....	43,402	41,922	4,618	7,550	106,399	35,458	.....	179,659	140,311	.....	57
.....	.....	.....	.....	.....	(5)	47,717	.....	4,490	(5)	.....	7,961	.....	58
.....	.....	.....	.....	.....	1	41	.....	5	2	.....	4	.....	59
.....	.....	.....	.....	.....	(5)	272,287	.....	29,785	(5)	.....	4,621	.....	60
.....	.....	.....	.....	.....	(5)	0.18	.....	0.15	(5)	.....	1.72	.....	61
.....	.....	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	(5)	.....	.....	.....	.....	.....	.....	.....	.....	65
1,090	.....	.....	(5)	.....	.....	62,225	(5)	(5)	.....	241,206	(5)	.....	66
3	.....	.....	1	.....	.....	67	2	1	.....	16	2	.....	67
2,540	.....	.....	(5)	.....	.....	53,576	(5)	(5)	.....	15,163	(5)	.....	68
0.43	.....	.....	(5)	.....	.....	1.16	(5)	(5)	.....	15.91	(5)	.....	69
1,090	.....	.....	.....	.....	.....	2,525	.....	.....	.....	.....	.....	.....	70
3	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	71
2,540	.....	.....	.....	.....	.....	3,020	.....	.....	.....	.....	.....	.....	72
0.43	.....	.....	.....	.....	.....	0.84	.....	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[4] Data in lines 46 and 47 are not included in lines 34 to 45.
[5] Shown by written permission of enterprise affected.
[6] Where there are less than 3 enterprises reporting, data are included only in the State totals, except as stated in footnotes 1 and 5.
[7] Acreage of 1 enterprise in Mason County included in amount shown for 26 enterprises in Newaygo County.

MINNESOTA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	51,205,760	51,749,120	51,749,120	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	10,990,409	11,474,683	9,232,709	-484,274	-4.2	2,241,974	24.3
Improved.....acres.....	8,165,522	7,396,575	3,818,490	768,947	10.4	3,578,085	93.7
Unimproved:							
Timber and cut-over.....acres.....	1,926,442	2,046,799	1,370,023	-120,357	-5.9	676,776	49.4
Other.....acres.....	899,445	2,031,309	4,044,196	-1,132,864	-55.8	-2,012,887	-49.8
Drainage sufficient for normal crop.....acres.....	10,226,116	7,322,252	(1)	2,903,864	39.6	.....	.....
Partly drained, for partial crop.....acres.....	341,037	2,114,950	(1)	-1,773,913	-83.9	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	423,256	2,037,481	[2]1,193,136	-1,614,225	-79.2	844,345	70.8
In occupied farms.....acres.....	8,397,586	8,782,323	(1)	-384,737	-4.4	.....	.....
In planted crops.....acres.....	6,198,229	5,916,067	(1)	282,162	4.8	.....	.....
Idle.....acres.....	2,742,654	3,747,812	(1)	-1,005,158	-26.8	.....	.....
Available for settlement.....acres.....	966,728	1,346,207	(1)	-379,479	-28.2	.....	.....
Open ditches, completed.....miles.....	15,856.7	14,477.6	14,657.0	1,379.1	9.5	-179.4	-1.2
Tile drains, completed.....miles.....	9,893.4	9,451.3	5,924.6	442.1	4.7	3,526.7	59.5
Drainage pumping plants, capacity.....horsepower....	30	75	.....	-45	-60.0	75	.....
gal. per min..	10,000	12,700	.....	-2,700	-21.2	12,700	.....
Capital invested in enterprises.....dollars.....	65,576,077	64,139,641	42,017,447	1,436,436	2.2	22,122,194	52.7
Average per acre.....dollars.....	5.97	5.59	4.55	0.38	6.8	1.04	22.9

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	14,702,196	14,681,505	9,974,662	10,990,409	5,000 to 9,999 acres.....	2,519,891	2,398,231	1,250,804	1,796,235
					10,000 to 19,999 acres.....	2,964,592	5,968,444	4,630,974	1,937,473
Less than 100 acres.....	1,436	3,423	36,177	1,236	20,000 to 49,999 acres.....	3,374,421			2,434,769
100 to 199 acres.....	6,121	14,236		5,461					
200 to 499 acres.....	82,583	116,324	191,751	75,442	50,000 to 99,999 acres.....	1,100,804	1,836,978	944,845	747,790
500 to 999 acres.....	386,722	356,396	307,812	345,942	100,000 to 199,999 acres.....	732,831			655,013
1,000 to 1,999 acres.....	1,084,817	2,828,230	1,385,737	944,838	200,000 to 499,999 acres.....	.....	1,167,243	1,226,562	.....
2,000 to 4,999 acres.....	2,447,978			2,046,220	500,000 acres and over.....	.....			.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	10,990,409	100.0	65,576,077	100.0
County drains.....	10,317,553	93.9	64,134,429	97.8
Township drains.....	17,240	0.2	56,741	0.1
State projects.....	619,886	5.6	1,299,400	2.0
Commercial developments:				
Incorporated.....	1,280	(1)	2,540	(1)
Unincorporated.....	.....	.....	.....	.....
Individually owned projects.....	34,450	0.3	82,967	0.1

[1] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	10,990,409	100.0	11,474,683	100.0	9,232,709	100.0	65,576,077	100.0	64,139,641	100.0	42,017,447	100.0
Gravity drainage only by—												
Open ditches.....	8,241,081	75.0	9,163,707	79.8	8,440,167	91.4	28,178,608	43.0	28,694,853	44.7	22,753,563	54.2
Tile drains.....	919,598	8.4	734,022	6.4	271,118	2.9	11,798,417	18.0	9,362,231	14.6	7,193,827	17.1
Open ditches and tile drains...	1,828,505	16.6	1,574,858	13.7	521,424	5.6	25,504,934	38.9	25,961,632	40.5	12,070,057	28.7
All drained by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	1,315	(2)	.....	.....	.....	.....	93,118	0.1	.....	.....	.....	.....
Open ditches and tile drains...	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	.....	.....	2,096	(2)	.....	.....	.....	.....	120,925	0.2	.....	.....
Open ditches and tile drains...	.....	.....					.....	.....				
Total area served by pumps.....	1,315	(2)	815	(2)	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	1	30	100.0	10,000	1,315
	1930	2	75	100.0	12,700	815
	1920	.....	.....	.....	.....	.....
Electric	1940	.....	.....	.....	.....	.....
	1930	2	75	100.0	12,700	815
	1920	.....	.....	.....	.....	.....
Electric and internal combustion	1940	1	30	100.0	10,000	1,315
	1930	.....	.....	.....	.....	.....
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	3	10,000	100.0	30	1,315
	1930	5	12,700	100.0	75	815
Centrifugal	1940	3	10,000	100.0	30	1,315
	1930	5	12,700	100.0	75	815

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	10,990,409	100.0	11,474,683	100.0	65,576,077	100.0	64,139,641	100.0	278,473	2,780,336
Enterprises in arrears	360,407	3.3	1,857,637	16.2	1,728,908	2.6	5,494,118	8.6	18,510	1,449,864
With some delinquent land	101,593	0.9	1,822,527	15.9	697,662	1.1	5,255,624	8.2	18,510	1,449,864
With no delinquent land	225,708	2.1	9,823	0.1	953,696	1.4	39,389	0.1	.....	.....
With no report on delinquency	33,106	0.3	25,287	0.2	77,550	0.1	196,105	0.3	.....	.....
Enterprises not in arrears	10,621,270	96.6	9,617,046	83.8	63,838,775	97.4	58,645,523	91.4	259,963	1,330,472
With some delinquent land	1,111,440	10.1	2,959,174	25.8	13,099,012	20.0	17,286,842	26.9	259,963	1,330,472
With no delinquent land	9,159,344	83.3	5,844,389	50.9	49,735,659	75.8	39,184,039	61.1	.....	.....
With no report on delinquency	350,486	3.2	813,483	7.1	1,004,104	1.5	2,174,642	3.4	.....	.....
Enterprises not reporting on arrearage	8,732	0.1	.....	.....	8,394	(2)	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	8,732	0.1	.....	.....	8,394	(2)	.....	.....	.....	.....
With no report on delinquency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Less than one-tenth of 1 percent.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	10,990,409	65,576,077	6,034,528	317,729	.....	278,473	1,114,425
Enterprises in debt	3,093,134	28,239,535	6,034,528	317,729	.....	141,600	805,760
In arrears, amount of arrearage stated	[2] 360,407	1,728,908	417,556	317,729	.....	18,510	20,027
Collecting drainage taxes in 1939	[2] 166,934	776,435	230,283	130,574	.....	15,502	20,027
No collections reported	193,473	952,473	187,273	187,155	.....	3,008	.....
Not in arrears	2,732,727	26,510,627	5,616,972	.....	.....	123,090	785,733
Collecting drainage taxes in 1939	1,641,136	20,685,485	4,790,844	.....	.....	94,454	785,733
No collections reported	1,091,591	5,825,142	826,128	.....	.....	28,636	.....
Enterprises not in debt	7,847,655	37,002,055	.....	.....	.....	130,359	293,998
Collecting drainage taxes in 1939	1,045,451	9,527,218	.....	.....	.....	70,760	293,998
No collections reported	6,802,204	27,474,837	.....	.....	.....	59,599	.....
Enterprises not reporting as to debt	49,620	334,487	.....	.....	.....	6,514	14,667
Collecting drainage taxes in 1939	23,643	273,392	.....	.....	.....	240	14,667
No collections reported	25,977	61,095	.....	.....	.....	6,274	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 1 enterprise not reporting amount of arrearage.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	10,990,409	100.0	65,576,077	100.0
Improvement of land already in farms	7,108,736	64.7	47,507,600	72.4
Reclamation of swamp land not previously in farms	3,849,536	35.0	17,701,226	27.0
Protection against overflow	32,137	0.3	367,251	0.6
Removal of alkali or seepage from irrigation	.....	.....	.....	.....

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	10,990,409	100.0	14,702,196	3,711,787	65,576,077	100.0
1880-1889	21,277	0.2	44,752	23,475	68,329	0.1
1890-1899	173,030	1.6	537,474	364,444	575,657	0.9
1900-1904	505,232	4.6	1,141,204	635,922	1,663,500	2.5
1905-1909	2,069,336	18.8	3,504,924	1,435,588	7,411,316	11.3
1910-1914	3,090,918	28.1	3,824,110	733,192	12,793,449	19.5
1915-1919	3,485,901	31.7	3,894,201	408,300	25,852,769	39.4
1920-1924	1,378,494	12.6	1,479,103	100,609	15,666,747	24.0
1925-1929	192,787	1.8	203,044	10,257	1,201,646	1.8
1930-1934	49,941	0.4	49,941	.....	128,819	0.2
1935-1939	23,443	0.2	23,443	.....	212,845	0.3

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	10,990,409	10,226,116	93.0	341,037	423,256	8,165,522	74.3	1,926,442	898,445	8,397,586	76.4	6,198,229	2,742,654	966,728
1880-1889	21,277	16,790	78.9	2,355	2,132	14,970	70.4	3,369	2,938	19,501	91.6	11,592	7,065	804
1890-1899	173,030	141,630	81.8	18,332	13,068	129,795	75.0	24,385	18,850	150,767	87.1	99,929	51,023	14,263
1900-1904	505,232	462,143	91.5	28,510	14,629	416,789	82.5	47,681	40,312	457,698	90.6	317,123	92,747	17,999
1905-1909	2,069,336	1,788,225	86.4	112,594	168,517	1,608,990	77.8	204,906	255,440	1,719,890	83.1	1,250,343	475,926	197,505
1910-1914	3,090,918	2,947,523	95.4	66,183	77,212	1,953,022	63.2	940,099	197,797	1,981,484	64.1	1,465,497	1,148,410	368,118
1915-1919	3,485,901	3,302,625	94.7	71,611	111,665	2,634,743	75.6	546,692	304,466	2,645,348	75.9	1,977,449	701,131	269,395
1920-1924	1,378,494	1,319,306	95.7	32,281	26,907	1,178,249	85.5	134,134	66,111	1,192,700	86.5	907,031	216,754	83,275
1925-1929	192,787	179,739	93.2	6,374	6,674	159,774	82.9	24,256	8,757	161,120	84.0	115,373	43,927	15,364
1930-1934	49,941	48,224	96.6	710	1,007	47,536	95.2	920	1,485	46,966	94.0	36,154	3,095	.....
1935-1939	23,443	19,911	84.9	2,087	1,445	21,654	92.4	.....	1,789	22,112	94.3	17,738	2,576	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	10,990,409	10,946,170	1,878,499	9,067,671	142,988	0.01	0.08
Gravity drainage only	10,989,094	10,944,855	1,877,184	9,067,671	142,237	0.01	0.08
Open ditches only	8,238,586	8,199,199	346,212	7,852,987	35,286	(1)	0.10
Open ditches and levees	2,495	2,495	.....	2,495	.....	.....	.....
Tile drains only	919,508	919,508	506,131	413,377	26,582	0.03	0.05
Open ditches and tile drains	1,826,025	1,821,173	1,022,361	798,812	79,857	0.04	0.08
Open ditches, tile drains, and levees	2,480	2,480	2,480	.....	512	0.21	0.21
Pumping for all or part of drainage:							
All drainage by pumping	1,315	1,315	1,315	.....	751	0.57	0.57

[1] Less than one-tenth of 1 cent.

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	10,990,409	100.0	65,576,077	100.0
Method:				
By district forces	5,950,988	54.1	40,962,564	62.5
By contract	1,300,622	11.8	7,302,435	11.1
Work apportioned to landowners	1,269,411	11.6	6,899,094	10.5
"None," or not reporting	2,469,388	22.5	10,411,984	15.9
Whether systematic:				
Reporting "yes"	2,109,553	19.2	26,374,026	40.2
Reporting "no"	8,648,847	78.7	38,030,142	58.0
Not reporting	232,009	2.1	1,171,909	1.8

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	298,454	3,121,149	268.9	976.0	0.1
Work Projects Administration	215,947	2,160,947	205.0	682.0	0.1
Other kind or combination	82,507	960,202	63.9	294.0	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Aitkin	Anoka	Becker	Beltrami[1]	Benton	Big Stone	Blue Earth
	LAND AREA								
1	Approximate land area.....acres....1940..	51,205,760	1,167,360	272,000	841,600	1,610,880	258,560	326,400	473,600
2	Drainage enterprises.....number...1940..	[2]2,732	33	55	17	20	11	18	83
3	Land in enterprises.....acres....1940..	10,990,409	407,959	105,020	41,924	348,779	14,816	26,380	141,751
4	1930..	11,474,683	435,231	123,483	18,901	645,416	8,471	31,999	79,318
5	1920..	9,232,709	419,680	68,891	17,235	1,211,754	7,979	10,111	54,548
6	Area of all enterprises, overlapping included.....acres....1940..	14,702,196	541,090	141,359	42,164	428,097	19,696	26,980	166,211
7	Amount of overlapping.....acres....1940..	3,711,787	133,131	36,339	240	79,318	4,880	600	24,460
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	10,226,116	393,271	55,562	41,924	334,321	9,814	26,380	134,526
9	1930..	7,322,252	61,444	96,078	12,061	146,465	8,246	26,290	79,318
10	Increase or decrease (-), 1930-1940.....acres.....	2,903,864	331,827	-40,516	29,863	187,856	1,568	90	55,208
11	percent.....	39.6	540.0	-42.2	247.6	128.2	19.0	0.3	69.6
12	Land undrained, unfit for any crop.....acres....1940..	423,256	9,792	22,403	.....	4,693	1,437	.....	1,445
13	1930..	2,037,481	137,547	12,340	1,965	385,470	125	2,197	.....
14	Increase or decrease (-), 1930-1940.....acres.....	-1,614,225	-127,755	10,063	-1,965	-380,777	1,312	-2,197	1,445
15	percent.....	-79.2	-92.9	81.5	-100.0	-98.8	[3]	-100.0	.....
16	Land partly drained, for partial crop.....acres....1940..	341,037	4,896	27,055	.....	9,765	3,565	.....	5,780
17	1930..	2,114,950	236,240	15,065	4,875	113,481	100	3,512	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-1,773,913	-231,344	11,990	-4,875	-103,716	3,465	-3,512	5,780
19	percent.....	-83.9	-97.9	79.6	-100.0	-91.4	[3]	-100.0	.....
20	Improved land.....acres....1940..	8,165,522	98,262	49,311	41,924	123,130	8,844	26,380	133,661
21	1930..	7,396,575	54,459	91,104	13,805	150,447	8,130	27,055	79,318
22	1920..	3,818,490	[4]36,058	26,459	8,412	[4]37,604	4,310	5,918	49,638
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	1,926,442	283,059	33,773	.....	124,948	3,812	.....	2,644
24	1930..	2,046,799	299,254	14,947	2,205	494,959	265	306	.....
25	1920..	1,370,023	115,255	1,384	200	574,444	316	.....	.....
26	Other unimproved land.....acres....1940..	898,445	26,638	21,936	.....	100,701	2,160	.....	5,446
27	1930..	2,031,309	81,518	17,432	2,891	10	76	4,638	.....
28	1920..	4,044,196	268,367	41,048	8,623	599,706	3,353	4,193	4,910
29	Land in occupied farms.....acres....1940..	8,397,586	105,262	87,652	40,646	127,383	12,980	25,841	141,661
30	1930..	8,782,323	52,985	123,457	15,907	146,167	8,471	31,999	79,318
31	Increase or decrease (-), 1930-1940.....acres.....	-384,737	52,277	-35,805	24,739	-18,784	4,509	-6,158	62,343
32	percent.....	-4.4	98.7	-29.0	155.5	-12.8	53.2	-19.2	78.6
33	Land in planted crops.....acres....1940..	6,198,229	56,235	42,996	33,553	45,750	7,979	21,880	131,554
34	1930..	5,916,067	21,729	76,583	9,677	107,750	7,694	25,553	73,352
35	Increase or decrease (-), 1930-1940.....acres.....	282,162	34,506	-33,587	23,876	-62,000	285	-3,673	58,202
36	percent.....	4.8	158.8	-43.8	246.7	-57.5	3.7	-14.4	79.3
37	Land idle.....acres....1940..	2,742,654	307,126	62,024	.....	221,396	6,837	.....	8,884
38	1930..	3,747,812	356,701	44,570	4,909	398,329	341	4,119	.....
39	Increase or decrease (-), 1930-1940.....acres.....	-1,005,158	-49,575	17,454	-4,909	-176,933	6,496	-4,119	8,884
40	percent.....	-26.8	-13.9	39.2	-100.0	-44.4	[3]	-100.0	.....
41	Land available for settlement.....acres....1940..	966,728	299,640	17,368	.....	61,891	1,836	.....	.....
42	1930..	1,346,207	249,020	.....	1,600	147,000	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-379,479	50,620	17,368	-1,600	-85,109	1,836	.....	.....
44	percent.....	-28.2	20.3	.....	.....	-57.9	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	8,238,586	407,959	102,173	41,924	348,779	14,816	12,000	16,424
46	Length of these ditches.....miles.....	13,874.4	589.4	359.8	86.9	610.6	58.9	36.0	45.9
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	2,495	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	4.2	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	0.1	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	919,508	.....	740	.....	.....	.....	2,220	95,331
53	Length of these tile.....miles.....	3,929.3	.....	9.0	.....	.....	.....	10.0	366.8
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,826,025	.....	2,107	.....	.....	.....	12,160	29,996
60	Length of these open ditches.....miles.....	1,977.8	.....	3.6	.....	.....	.....	17.3	31.0
61	Length of these tile.....miles.....	5,935.7	.....	9.5	.....	.....	.....	25.0	89.6
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	2,480	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	0.3	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	10.0	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	0.3	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5].....acres.....	1,315	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	18.4	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Part taken to form Lake of the Woods in 1922.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 2,498.
[3] Percent not shown when more than 1,000.
[4] Office estimate; the reported figures exceeded the improved acreage in all farms in the county as determined by the Census of Agriculture.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clear-water	Cotton-wood
	LAND AREA									
1	Approximate land area.....acres....1940..	392,320	550,400	229,120	1,313,920	372,480	268,160	672,000	643,200	409,600
2	Drainage enterprises.....number...1940..	55	4	11	21	44	16	34	6	73
3	Land in enterprises.....acres....1940..	83,720	63,082	18,902	86,260	149,886	34,905	268,335	57,415	139,884
4	1930..	91,203	78,282	6,285	81,530	66,749	45,168	309,396	78,720	45,554
5	1920..	27,538	42,500	6,282	71,871	50,782	17,368	379,975	.....	33,524
6	Area of all enterprises, overlapping included.....acres....1940..	90,196	66,282	19,062	90,250	161,629	35,185	466,471	72,235	180,264
7	Amount of overlapping.....acres....1940..	6,476	3,200	160	3,990	11,743	280	198,136	14,820	40,380
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	77,248	20,622	15,173	86,260	149,886	20,190	268,335	57,415	139,154
9	1930..	91,203	26,882	5,535	24,162	54,842	30,924	304,351	56,900	42,727
10	Increase or decrease (-), 1930-1940.....acres.....	-13,955	-6,260	9,638	62,098	95,044	-10,734	-36,016	515	96,427
11	percent.....	-15.3	-23.3	174.1	257.0	173.3	-34.7	-11.8	0.9	225.7
12	Land undrained, unfit for any crop.....acres....1940..	1,906	42,460	2,280	.....	.....	4,060	.....	.....	730
13	1930..	.....	51,400	195	13,154	1,428	5,801	2,100	5,300	429
14	Increase or decrease (-), 1930-1940.....acres.....	1,906	-8,940	2,085	-13,154	-1,428	-1,741	-2,100	-5,300	301
15	percent.....	.....	-17.4	(1)	-100.0	-100.0	-30.0	-100.0	-100.0	70.2
16	Land partly drained, for partial crop.....acres....1940..	4,566	.....	1,449	.....	.....	10,655	.....	.....	.....
17	1930..	.....	.....	555	44,214	10,479	8,443	2,945	16,520	2,398
18	Increase or decrease (-), 1930-1940.....acres.....	4,566	.....	894	-44,214	-10,479	2,212	-2,945	-16,520	-2,398
19	percent.....	.....	.....	161.1	-100.0	-100.0	26.2	-100.0	-100.0	-100.0
20	Improved land.....acres....1940..	80,023	14,980	15,346	41,212	149,886	13,500	256,282	33,087	134,559
21	1930..	91,065	12,438	5,258	18,668	66,719	31,768	305,901	36,400	44,825
22	1920..	15,310	6,326	3,140	14,137	39,329	8,782	248,830	.....	26,121
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	897	3,380	1,276	45,048	.....	15,453	12,053	24,328	.....
24	1930..	138	32,000	133	46,129	.....	8,540	.....	10,300	.....
25	1920..	33	5,361	99	23,900	.....	3,054	4,092	.....	.....
26	Other unimproved land.....acres....1940..	2,800	44,722	2,280	.....	.....	5,952	.....	.....	5,325
27	1930..	.....	33,844	894	16,733	30	4,860	3,495	32,020	729
28	1920..	12,195	30,793	3,043	33,834	11,453	5,532	127,053	.....	7,403
29	Land in occupied farms.....acres....1940..	83,088	14,289	18,902	40,374	149,886	21,938	266,447	29,048	139,684
30	1930..	91,203	17,400	6,285	81,530	66,749	45,168	309,396	63,440	45,554
31	Increase or decrease (-), 1930-1940.....acres.....	-8,115	-3,111	12,617	-41,156	83,137	-23,230	-42,949	-34,392	94,130
32	percent.....	-8.9	-17.9	200.7	-50.5	124.6	-51.4	-13.9	-54.2	206.6
33	Land in planted crops.....acres....1940..	76,102	2,948	12,256	22,296	128,144	11,207	218,472	14,940	119,600
34	1930..	56,273	9,400	5,258	17,441	54,175	23,935	257,447	32,040	39,791
35	Increase or decrease (-), 1930-1940.....acres.....	19,829	-6,452	6,998	4,855	73,969	-12,728	-38,975	-17,100	79,809
36	percent.....	35.2	-68.6	133.1	27.8	136.5	-53.2	-15.1	-53.4	200.6
37	Land idle.....acres....1940..	7,120	50,062	6,646	45,048	.....	23,698	10,953	24,328	5,565
38	1930..	.....	54,400	147	46,233	6,744	16,380	600	33,300	1,007
39	Increase or decrease (-), 1930-1940.....acres.....	7,120	-4,338	6,499	-1,185	-6,744	7,318	10,353	-8,972	4,558
40	percent.....	.....	-8.0	(1)	-2.6	-100.0	44.7	(1)	-26.9	452.6
41	Land available for settlement.....acres....1940..	.....	5,802	.....	45,048	.....	12,967	.....	22,408	.....
42	1930..	.....	9,000	.....	.....	.....	.....	.....	14,400	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	-3,198	.....	45,048	.....	12,967	.....	8,008	.....
44	percent.....	.....	-35.5	.....	.....	.....	.....	.....	55.6	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	31,119	63,082	17,089	86,260	45,327	34,905	268,335	57,415	5,289
46	Length of these ditches.....miles.....	103.2	102.0	53.4	161.7	101.9	74.9	312.6	72.2	12.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	37,285	.....	641	.....	10,672	.....	.....	.....	37,420
53	Length of these tile.....miles.....	225.7	.....	3.0	.....	57.5	.....	.....	.....	166.6
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	15,316	.....	1,172	.....	93,887	.....	.....	.....	97,175
60	Length of these open ditches.....miles.....	25.1	.....	5.2	.....	161.8	.....	.....	.....	24.0
61	Length of these tile.....miles.....	40.2	.....	1.0	.....	133.3	.....	.....	.....	419.6
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Crow Wing	Dakota[1]	Dodge	Douglas	Faribault	Freeborn	Grant	Hennepin
	LAND AREA								
1	Approximate land area.....acres....1940..	539,360	365,440	278,400	407,680	456,320	449,280	356,480	361,600
2	Drainage enterprises.....number...1940..	14	2	5	19	76	39	24	36
3	Land in enterprises.....acres....1940..	40,843	7,945	23,908	68,832	258,575	122,537	61,550	36,562
4	1930..	41,615	(2)	14,421	24,605	252,519	123,815	62,415	20,614
5	1920..	24,402	(2)	13,902	30,677	118,685	19,084	60,365	13,375
6	Area of all enterprises, overlapping included.....acres....1940..	41,600	7,945	24,468	73,545	273,418	146,544	69,190	37,256
7	Amount of overlapping.....acres....1940..	757	.....	560	4,713	14,843	24,007	7,640	694
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	40,843	7,695	23,908	68,832	258,275	115,537	61,550	15,346
9	1930..	29,644	(2)	13,501	22,179	251,244	111,517	60,726	14,494
10	Increase or decrease (-), 1930-1940.....acres.....	11,199	(2)	10,407	46,653	7,031	4,020	824	852
11	percent.....	37.8	(2)	77.1	210.3	2.8	3.6	1.4	5.9
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	.....	300	4,000	.....	10,594
13	1930..	3,550	.....	600	520	875	12,080	400	1,645
14	Increase or decrease (-), 1930-1940.....acres.....	-3,550	.....	-600	-520	-575	-8,080	-400	8,949
15	percent.....	-100.0	.....	-100.0	-100.0	-65.7	-66.9	-100.0	544.0
16	Land partly drained, for partial crop.....acres....1940..	.....	250	.....	.....	.....	3,000	.....	10,622
17	1930..	8,421	.....	320	1,906	400	218	1,289	4,475
18	Increase or decrease (-), 1930-1940.....acres.....	-8,421	250	-320	-1,906	-400	2,782	-1,289	6,147
19	percent.....	-100.0	.....	-100.0	-100.0	-100.0	(3)	-100.0	137.4
20	Improved land.....acres....1940..	24,095	7,945	23,908	68,832	258,275	115,561	61,550	25,815
21	1930..	17,374	(2)	13,941	21,754	252,219	123,815	61,932	17,799
22	1920..	12,551	(2)	7,028	16,752	101,504	11,403	60,365	8,030
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	16,748	.....	.....	.....	.....	1,793	.....	.....
24	1930..	20,424	.....	.....	1,350	.....	.....	100	474
25	1920..	2,789	(2)	.....	.....	.....	236	.....	1,292
26	Other unimproved land.....acres....1940..	.....	.....	.....	.....	300	5,183	.....	10,747
27	1930..	3,817	.....	480	1,501	300	.....	383	2,341
28	1920..	9,062	(2)	6,874	13,925	17,181	7,445	.....	4,053
29	Land in occupied farms.....acres....1940..	24,095	7,945	23,908	66,206	258,575	121,172	59,743	34,642
30	1930..	26,056	(2)	14,101	24,605	252,519	123,815	62,415	20,264
31	Increase or decrease (-), 1930-1940.....acres.....	-1,961	(2)	9,807	41,601	6,056	-2,643	-2,672	14,378
32	percent.....	-7.5	(2)	69.5	169.1	2.4	-2.1	-4.3	71.0
33	Land in planted crops.....acres....1940..	20,273	6,950	18,862	54,614	218,380	100,009	48,817	17,025
34	1930..	15,500	(2)	11,179	21,455	226,280	103,749	60,535	15,381
35	Increase or decrease (-), 1930-1940.....acres.....	4,773	(2)	7,683	33,159	-7,900	-3,749	-11,718	1,644
36	percent.....	30.8	(2)	68.7	154.6	-3.5	-3.6	-19.4	10.7
37	Land idle.....acres....1940..	16,748	95	896	1,016	11,995	7,556	.....	19,452
38	1930..	16,121	.....	320	362	40	660	1,117	1,347
39	Increase or decrease (-), 1930-1940.....acres.....	627	95	576	654	11,955	6,896	-1,117	18,105
40	percent.....	3.9	.....	180.0	180.7	(3)	(3)	-100.0	(3)
41	Land available for settlement.....acres....1940..	16,748	.....	.....	.....	.....	.....	.....	.....
42	1930..	11,769	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	4,979	.....	.....	.....	.....	.....	.....	.....
44	percent.....	42.3	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	40,843	7,945	.....	65,111	21,000	32,981	45,387	29,144
46	Length of these ditches.....miles.....	105.6	18.5	.....	148.4	51.7	89.6	55.7	85.1
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	2,495	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	4.2	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	0.1	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	4,754	.....	66,540	12,922	4,205	2,175
53	Length of these tile.....miles.....	.....	.....	15.5	.....	235.8	48.9	21.7	34.7
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	19,154	3,721	171,035	74,139	11,958	3,928
60	Length of these open ditches.....miles.....	.....	.....	30.4	2.6	145.6	86.3	10.4	5.5
61	Length of these tile.....miles.....	.....	.....	22.9	13.0	488.0	126.6	26.0	40.1
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4].....acres.....	.....	.....	.....	.....	.....	.....	.....	1,315
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	18.4
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Percent not shown when more than 1,000.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Houston[1]	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochi-ching
	LAND AREA									
1	Approximate land area.....acres....1940..	361,600	596,480	282,880	1,704,320	446,720	336,000	527,360	719,360	2,002,560
2	Drainage enterprises.....number...1940..	1	12	26	10	83	12	43	40	22
3	Land in enterprises.....acres....1940..	14,531	21,725	59,042	124,644	237,316	64,133	197,928	346,698	635,133
4	1930..	11,046	21,956	29,127	110,000	251,866	14,717	66,608	382,038	693,371
5	1920..	(2)	14,302	19,168	99,527	65,147	16,539	66,279	498,294	707,496
6	Area of all enterprises, overlapping included.....acres....1940..	14,531	22,165	63,982	134,204	286,732	67,293	233,198	485,428	706,183
7	Amount of overlapping.....acres....1940..	.....	440	4,940	9,560	49,416	3,160	35,270	138,730	71,050
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	13,656	20,636	39,480	55,574	235,430	64,133	197,609	302,268	622,161
9	1930..	6,000	18,399	15,617	30,200	250,773	9,738	52,775	214,462	92,194
10	Increase or decrease (-), 1930-1940.....acres.....	7,656	2,237	23,863	25,374	-15,343	54,395	144,924	87,806	529,967
11	percent.....	127.6	12.2	152.8	84.0	-6.1	558.6	274.6	40.9	574.8
12	Land undrained, unfit for any crop.....acres....1940..	145	844	5,042	60,249	1,886	.....	.....	31,737	8,648
13	1930..	1,261	2,658	4,869	61,400	50	1,685	2,467	39,879	501,628
14	Increase or decrease (-), 1930-1940.....acres.....	-1,116	-1,814	173	-1,151	1,836	-1,685	-2,467	-8,142	-493,180
15	percent.....	-88.5	-68.2	3.6	-1.9	(3)	-100.0	-100.0	-20.4	-98.3
16	Land partly drained, for partial crop.....acres....1940..	730	245	14,520	8,821	.....	.....	229	12,693	4,324
17	1930..	3,785	899	8,641	18,400	1,043	3,294	11,366	127,697	99,349
18	Increase or decrease (-), 1930-1940.....acres.....	-3,055	-654	5,879	-9,579	-1,043	-3,294	-11,137	-115,004	-95,025
19	percent.....	-80.7	-72.7	68.0	-52.0	-100.0	-100.0	-98.0	-90.1	-95.6
20	Improved land.....acres....1940..	9,300	19,058	32,945	46,411	235,430	57,562	196,928	174,786	159,929
21	1930..	3,506	16,141	16,172	11,780	251,476	9,343	65,408	259,442	126,668
22	1920..	(2)	3,305	9,615	.....	56,193	8,303	60,023	[4] 275,330	14,146
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	5,086	623	17,280	3,598	.....	6,571	.....	78,072	462,232
24	1930..	7,540	4,512	6,717	47,820	.....	3,032	.....	83,627	67,004
25	1920..	(2)	5,173	4,937	34,051	.....	2,713	.....	27,756	176,875
26	Other unimproved land.....acres....1940..	145	2,044	8,817	74,635	1,886	.....	1,000	93,840	12,972
27	1930..	.....	1,303	6,238	50,400	390	2,342	1,200	38,969	499,699
28	1920..	(2)	5,824	4,616	65,476	8,954	5,523	6,256	195,208	516,475
29	Land in occupied farms.....acres....1940..	14,531	19,273	50,420	47,521	237,316	52,651	185,803	195,520	164,163
30	1930..	11,046	21,368	29,127	10,780	251,866	14,717	66,608	280,978	693,371
31	Increase or decrease (-), 1930-1940.....acres.....	3,485	-2,095	21,293	36,741	-14,550	37,934	119,195	-85,458	-529,208
32	percent.....	31.5	-9.8	73.1	340.8	-5.8	257.8	178.9	-30.4	-76.3
33	Land in planted crops.....acres....1940..	8,760	15,135	28,780	23,324	208,124	39,452	161,185	168,655	43,300
34	1930..	3,500	10,703	13,293	8,082	226,798	8,462	49,105	222,884	58,040
35	Increase or decrease (-), 1930-1940.....acres.....	5,260	4,432	15,487	15,242	-18,674	30,990	112,080	-54,229	-14,740
36	percent.....	150.3	41.4	116.5	188.6	-8.2	366.2	228.2	-24.3	-25.4
37	Land idle.....acres....1940..	5,771	3,035	30,262	77,785	1,901	6,152	11,361	176,739	475,204
38	1930..	.....	2,525	8,055	96,900	40	3,771	13,410	129,284	584,934
39	Increase or decrease (-), 1930-1940.....acres.....	5,771	510	22,207	-19,115	1,861	2,381	-2,049	47,455	-109,730
40	percent.....	.....	20.2	275.7	-19.7	(3)	63.1	-15.3	36.7	-18.8
41	Land available for settlement.....acres....1940..	.....	2,412	8,622	5,350	.....	.....	.....	43,130	.....
42	1930..	.....	.....	.....	37,820	.....	.....	.....	46,760	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	2,412	8,622	-32,470	.....	.....	.....	-3,630	.....
44	percent.....	.....	.....	.....	-85.8	.....	.....	.....	-7.8	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	14,531	21,725	58,242	124,644	520	64,133	143,425	346,698	635,133
46	Length of these ditches.....miles.....	21.0	38.7	149.1	116.6	1.5	82.0	315.5	293.7	507.2
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	145,028	.....	16,193	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	518.4	.....	45.2	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	800	.....	91,768	.....	38,310	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	1.1	.....	57.0	.....	65.5	.....	.....
61	Length of these tile.....miles.....	.....	.....	0.5	.....	328.2	.....	86.3	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Percent not shown when more than 1,000.
[4] Office estimate; the reported figures exceeded the improved acreage in all farms in the county as determined by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Lac qui Parle	Lake of the Woods[1]	Le Sueur	Lincoln	Lyon	McLeod	Mahnomen	Marshall
	LAND AREA									
1	Approximate land area	acres 1940	494,720	837,120	282,240	345,600	456,320	318,720	367,360	1,152,000
2	Drainage enterprises	number 1940	50	8	42	39	73	43	4	46
3	Land in enterprises	acres 1940	85,984	203,378	64,034	56,254	105,204	54,686	44,420	812,517
4		1930	81,397	676,335	16,220	56,303	94,148	57,229	50,331	819,305
5		1920	26,567	.....	16,721	14,490	31,765	14,072	36,724	771,421
6	Area of all enterprises, overlapping included	acres 1940	88,864	255,848	77,104	60,845	117,016	60,886	45,180	1,292,751
7	Amount of overlapping	acres 1940	2,880	52,470	13,070	4,591	11,812	6,200	760	480,234
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	85,936	203,378	63,244	56,254	105,084	51,974	44,420	805,042
9		1930	81,397	305,000	3,063	56,303	79,932	57,229	29,601	439,594
10	Increase or decrease (-), 1930-1940	acres	4,539	-101,622	60,181	-49	25,152	-5,255	14,819	365,448
11		percent	5.6	-33.3	(2)	-0.1	31.5	-9.2	50.1	83.1
12	Land undrained, unfit for any crop	acres 1940	.....	.....	80	.....	120	390	.....	5,686
13		1930	.....	224,335	3,347	.....	4,819	.....	1,650	74,286
14	Increase or decrease (-), 1930-1940	acres	.....	-224,335	-3,267	.....	-4,699	390	-1,650	-68,600
15		percent	.....	-100.0	-97.6	.....	-97.5	.....	-100.0	-92.3
16	Land partly drained, for partial crop	acres 1940	48	.....	710	.....	.....	2,322	.....	1,789
17		1930	.....	147,000	9,810	.....	9,397	.....	19,080	305,425
18	Increase or decrease (-), 1930-1940	acres	48	-147,000	-9,100	.....	-9,397	2,322	-19,080	-303,636
19		percent	.....	-100.0	-92.8	.....	-100.0	.....	-100.0	-99.4
20	Improved land	acres 1940	81,685	52,944	48,675	56,254	105,036	51,890	24,529	788,067
21		1930	81,397	315,000	4,710	56,303	84,602	57,229	19,550	443,941
22		1920	20,109	.....	10,711	11,128	22,507	7,834	16,031	[3] 487,137
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	650	150,434	15,289	.....	168	165	.....	8,150
24		1930	.....	328,256	.....	.....	.....	.....	.....	153,002
25		1920	.....	.....	.....	.....	.....	233	1,448	154,858
26	Other unimproved land	acres 1940	3,649	.....	70	.....	.....	2,631	19,891	16,300
27		1930	.....	33,079	11,510	.....	9,546	.....	30,781	222,362
28		1920	6,458	.....	6,010	3,362	9,258	6,005	19,245	129,426
29	Land in occupied farms	acres 1940	82,545	52,565	62,512	56,254	104,564	54,686	15,604	508,929
30		1930	81,397	319,000	16,220	56,303	93,788	57,229	50,331	565,769
31	Increase or decrease (-), 1930-1940	acres	1,148	-266,435	46,292	-49	10,776	-2,543	-34,727	-56,840
32		percent	1.4	-83.5	285.4	-0.1	11.5	-4.4	-69.0	-10.0
33	Land in planted crops	acres 1940	73,700	17,200	33,356	48,726	93,871	48,241	13,507	359,137
34		1930	73,236	256,000	2,327	50,619	84,497	51,516	10,400	301,749
35	Increase or decrease (-), 1930-1940	acres	464	-238,800	31,029	-1,893	9,374	-3,275	3,107	57,388
36		percent	0.6	-93.3	(2)	-3.7	11.1	-6.4	29.9	19.0
37	Land idle	acres 1940	6,265	94,224	6,023	2,398	10,803	6,445	23,456	12,148
38		1930	.....	315,016	3,866	.....	.....	.....	28,080	254,131
39	Increase or decrease (-), 1930-1940	acres	6,265	-220,792	2,157	2,398	10,803	6,445	-4,624	-241,983
40		percent	.....	-70.1	55.8	.....	.....	.....	-16.5	-95.2
41	Land available for settlement	acres 1940	.....	93,934	.....	.....	.....	.....	3,565	8,058
42		1930	.....	211,547	.....	.....	.....	.....	.....	154,240
43	Increase or decrease (-), 1930-1940	acres	.....	-117,613	.....	.....	.....	.....	3,565	-146,182
44		percent	.....	-55.6	.....	.....	.....	.....	.....	-94.8
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	34,028	203,378	61,846	11,194	17,678	20,347	44,420	812,517
46	Length of these ditches	miles	140.7	148.0	187.0	32.2	52.9	84.9	60.0	1,387.6
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	14,797	.....	.....	5,160	62,300	11,660	.....	.....
53	Length of these tile	miles	82.9	.....	.....	24.3	281.5	36.5	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	37,159	.....	2,188	39,900	25,226	22,679	.....	.....
60	Length of these open ditches	miles	74.8	.....	5.6	99.2	23.2	46.4	.....	.....
61	Length of these tile	miles	71.2	.....	0.5	79.8	111.7	52.1	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] Organized from part of Beltrami in 1922.
[2] Percent not shown when more than 1,000.
[3] Office estimate; the reported figures exceeded the improved acreage in all farms in the county as determined by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Martin	Meeker	Mille Lacs	Morrison	Mower	Murray	Nicollet	Nobles	Norman
	LAND AREA									
1	Approximate land area....acres....1940..	452,480	396,800	363,520	727,040	449,920	453,120	293,760	455,680	566,400
2	Drainage enterprises....number...1940..	131	41	11	22	6	86	46	28	40
3	Land in enterprises....acres....1940..	274,921	55,984	18,412	61,357	16,951	177,490	84,435	107,675	258,297
4	1930..	297,350	65,723	19,774	61,676	17,100	202,020	89,065	104,098	346,680
5	1920..	67,965	21,227	7,172	33,080	4,771	44,984	28,666	16,734	280,024
6	Area of all enterprises, overlapping included....acres....1940..	307,975	60,225	18,412	62,924	16,951	233,582	102,585	112,635	526,573
7	Amount of overlapping....acres....1940..	33,054	4,241	.....	1,567	.....	56,092	18,150	4,960	268,276
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	274,921	51,106	18,412	61,357	16,911	177,164	80,210	97,446	258,297
9	1930..	297,350	40,154	8,030	30,399	12,221	181,860	72,080	90,608	233,326
10	Increase or decrease (-), 1930-1940....acres....	-22,429	10,952	10,382	30,958	4,690	-4,696	8,130	6,838	24,971
11	percent....	-7.5	27.3	129.3	101.8	38.4	-2.6	11.3	7.5	10.7
12	Land undrained, unfit for any crop....acres....1940..	.....	2,377	.....	.....	40	50	.....	5,428	.....
13	1930..	.....	17,562	7,222	10,290	2,110	7,778	3,353	5,115	38,639
14	Increase or decrease (-), 1930-1940....acres....	.....	-15,185	-7,222	-10,290	-2,070	-7,728	-3,353	313	-38,639
15	percent....	.....	-86.5	-100.0	-100.0	-98.1	-99.4	-100.0	6.1	-100.0
16	Land partly drained, for partial crop....acres....1940..	.....	2,501	.....	.....	.....	276	4,225	4,801	.....
17	1930..	.....	8,007	4,522	20,987	2,769	12,382	13,632	8,375	74,715
18	Increase or decrease (-), 1930-1940....acres....	.....	-5,506	-4,522	-20,987	-2,769	-12,106	-9,407	-3,574	-74,715
19	percent....	.....	-68.8	-100.0	-100.0	-100.0	-97.8	-69.0	-42.7	-100.0
20	Improved land....acres....1940..	269,671	52,215	17,151	61,357	16,911	172,773	75,131	101,355	245,413
21	1930..	297,350	42,206	5,425	24,679	15,260	166,979	86,057	92,533	245,931
22	1920..	53,351	14,268	4,153	20,362	1,670	35,225	16,053	12,069	166,386
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	1,750	1,144	.....	.....	.....	1,420	8,463	.....	11,704
24	1930..	.....	600	9,778	16,043	200	140	1,117	.....	.....
25	1920..	.....	189	578	2,309	48	.....	337	.....	.....
26	Other unimproved land....acres....1940..	3,500	2,625	1,261	.....	40	3,297	841	6,320	1,180
27	1930..	.....	22,917	4,571	20,954	1,640	34,901	1,891	11,565	109,749
28	1920..	14,614	6,770	2,441	10,409	3,053	9,759	12,276	4,665	113,638
29	Land in occupied farms....acres....1940..	274,921	55,959	16,984	61,015	16,951	163,782	84,435	106,835	252,689
30	1930..	297,350	65,723	19,774	53,926	16,720	201,836	88,565	100,508	344,039
31	Increase or decrease (-), 1930-1940....acres....	-22,429	-9,764	-2,790	7,089	231	-38,054	-4,130	6,327	-91,350
32	percent....	-7.5	-14.8	-14.1	13.1	1.4	-18.8	-4.7	6.3	-26.6
33	Land in planted crops....acres....1940..	220,000	49,700	14,717	53,321	13,322	132,400	67,730	94,879	201,428
34	1930..	267,704	32,277	3,817	23,080	13,213	164,481	67,348	89,801	180,270
35	Increase or decrease (-), 1930-1940....acres....	-47,704	17,423	10,900	30,241	109	-32,081	382	5,078	21,158
36	percent....	-17.8	54.0	285.6	131.0	0.8	-19.5	0.6	5.6	11.7
37	Land idle....acres....1940..	5,000	5,809	1,261	.....	669	13,708	16,641	12,796	.....
38	1930..	.....	.....	9,886	15,524	320	11,566	247	.....	106,367
39	Increase or decrease (-), 1930-1940....acres....	5,000	5,809	-8,625	-15,524	349	2,142	16,394	12,796	-106,367
40	percent....	.....	.....	-87.2	-100.0	109.1	18.5	(1)	.....	-100.0
41	Land available for settlement....acres....1940..	.....	.....	1,261	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	1,261	.....	.....	.....	.....	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	7,116	50,718	17,219	61,357	.....	21,196	67,666	6,360	256,854
46	Length of these ditches....miles....	14.3	104.6	46.9	92.8	.....	48.4	159.9	15.5	337.4
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	102,211	1,997	.....	.....	7,291	52,197	12,879	35,153	1,443
53	Length of these tile....miles....	387.0	9.0	.....	.....	33.6	316.0	41.0	95.0	0.5
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	165,594	3,269	1,193	.....	9,660	101,617	3,890	66,162	.....
60	Length of these open ditches....miles....	110.7	2.8	1.5	.....	7.0	35.2	8.4	22.0	.....
61	Length of these tile....miles....	636.1	10.3	7.1	.....	17.2	457.8	11.5	226.3	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	2,480	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	0.3	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	10.0	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	0.3	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Otter Tail	Pennington	Pine	Pipestone[1]	Polk	Pope	Ramsey	Red Lake
	LAND AREA								
1	Approximate land area....acres....1940..	1,280,000	398,080	903,680	296,960	1,267,680	435,840	102,400	276,480
2	Drainage enterprises....number...1940..	61	49	9	1	121	19	20	30
3	Land in enterprises....acres....1940..	112,255	335,950	36,463	22,514	716,745	33,860	12,942	118,756
4	1930..	53,157	322,483	37,428	21,801	761,913	40,795	4,178	159,062
5	1920..	50,555	349,624	16,227	14,834	837,261	11,402	4,172	143,649
6	Area of all enterprises, overlapping included....acres....1940..	118,009	589,733	36,463	22,514	1,553,515	34,880	13,552	197,701
7	Amount of overlapping....acres....1940..	5,753	253,783	.....	.....	836,770	1,020	610	78,945
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop....acres....1940..	111,046	288,833	36,035	22,514	680,257	33,860	12,691	102,285
9	1930..	33,938	160,274	11,230	21,801	643,025	40,595	2,955	138,916
10	Increase or decrease (-), 1930-1940....acres....	77,108	128,559	24,805	713	37,232	-6,735	9,733	-36,631
11	percent....	227.2	80.2	220.9	3.3	5.8	-16.6	329.5	-26.4
12	Land undrained, unfit for any crop....acres....1940..	.....	6,065	250	.....	15,488	.....	251	8,710
13	1930..	5,030	13,928	6,460	.....	10,791	200	899	3,790
14	Increase or decrease (-), 1930-1940....acres....	-5,030	-7,863	-6,210	.....	4,697	-200	-648	4,920
15	percent....	-100.0	-56.4	-96.1	.....	43.5	-100.0	-72.1	129.8
16	Land partly drained, for partial crop....acres....1940..	1,210	41,052	178	.....	21,000	.....	.....	7,761
17	1930..	14,189	148,281	19,738	.....	108,097	.....	324	16,356
18	Increase or decrease (-), 1930-1940....acres....	-12,979	-107,229	-19,560	.....	-87,097	.....	-324	-8,595
19	percent....	-91.5	-72.3	-99.1	.....	-80.6	.....	-100.0	-52.5
20	Improved land....acres....1940..	111,696	242,999	13,836	22,514	602,102	33,860	12,568	81,023
21	1930..	36,524	172,432	6,070	21,801	694,716	39,875	3,164	140,489
22	1920..	25,384	[2] 186,319	8,636	14,092	557,509	7,676	1,866	77,468
	Unimproved land:								
23	Woodland and cut-over land....acres....1940..	560	51,772	9,235	.....	61,253	.....	123	18,375
24	1930..	.....	57,755	21,790	.....	18,814	.....	.....	6,360
25	1920..	1,961	22,173	1,075	.....	28,336	208	231	5,802
26	Other unimproved land....acres....1940..	.....	41,179	13,392	.....	53,330	.....	251	19,358
27	1930..	16,633	92,296	9,568	.....	48,383	920	1,014	12,213
28	1920..	23,210	141,132	6,516	742	251,416	3,518	2,075	63,379
29	Land in occupied farms....acres....1940..	109,215	324,620	15,384	22,514	695,568	31,672	12,942	118,756
30	1930..	46,393	222,849	37,428	21,801	761,913	39,875	4,178	154,886
31	Increase or decrease (-), 1930-1940....acres....	62,822	101,771	-22,044	713	-66,345	-8,203	8,764	-36,130
32	percent....	135.4	45.7	-58.9	3.3	-8.7	-20.6	209.8	-23.3
33	Land in planted crops....acres....1940..	93,062	166,000	11,089	19,464	463,441	27,378	12,105	64,518
34	1930..	32,489	103,960	5,485	19,000	534,830	35,235	2,137	104,280
35	Increase or decrease (-), 1930-1940....acres....	60,573	62,040	5,604	464	-71,389	-7,857	9,968	-39,762
36	percent....	186.4	59.7	102.2	2.4	-13.3	-22.3	466.4	-38.1
37	Land idle....acres....1940..	2,645	134,944	22,627	300	117,604	900	837	27,826
38	1930..	15,786	116,550	30,148	.....	187,390	.....	1,246	22,740
39	Increase or decrease (-), 1930-1940....acres....	-13,141	18,394	-7,521	300	-69,786	900	-409	5,086
40	percent....	-83.2	15.8	-24.9	.....	-37.2	.....	-32.8	22.4
41	Land available for settlement....acres....1940..	.....	3,250	.....	.....	12,909	.....	.....	.....
42	1930..	1,122	63,010	.....	.....	.....	920	.....	3,000
43	Increase or decrease (-), 1930-1940....acres....	-1,122	-59,760	.....	.....	12,909	-920	.....	-3,000
44	percent....	-100.0	-94.8	.....	.....	.....	-100.0	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only....acres....	105,297	335,950	36,463	.....	710,298	32,380	10,991	118,756
46	Length of these ditches....miles....	256.9	439.7	61.3	.....	1,105.3	61.9	39.6	124.5
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	2,913	.....	.....	.....	1,379	1,280	.....	.....
53	Length of these tile....miles....	10.3	.....	.....	.....	7.0	4.1	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	4,046	.....	.....	22,514	5,068	200	1,951	.....
60	Length of these open ditches....miles....	5.6	.....	.....	14.0	12.0	0.8	5.2	.....
61	Length of these tile....miles....	12.2	.....	.....	72.0	5.0	0.3	1.5	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Office estimate; the reported figures exceeded the improved acreage in all farms in the county as determined by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Redwood	Renville	Rice	Roseau	St. Louis	Scott	Sherburne	Sibley	Stearns
	LAND AREA									
1	Approximate land area.....acres....1940..	559,360	627,200	316,800	1,072,640	4,019,840	225,280	280,320	371,840	867,840
2	Drainage enterprises.....number...1940..	90	85	17	33	18	7	31	61	38
3	Land in enterprises.....acres....1940..	229,608	279,347	24,220	754,101	224,622	11,443	63,998	96,814	67,178
4	1930..	212,506	296,493	15,338	899,518	252,657	11,614	76,378	18,371	68,535
5	1920..	65,146	89,579	4,909	1,036,824	217,689	(1)	20,597	21,357	26,283
6	Area of all enterprises, overlapping included.....acres....1940..	296,135	447,090	24,940	910,610	257,999	12,455	74,530	107,970	69,858
7	Amount of overlapping.....acres....1940..	66,527	167,743	720	156,509	33,377	1,012	10,532	11,156	2,680
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	219,251	279,247	18,830	614,416	217,626	10,818	38,476	85,251	56,265
9	1930..	164,416	257,143	9,301	359,341	250,072	11,614	59,992	18,371	68,535
10	Increase or decrease (-), 1930-1940.....acres.....	54,835	22,104	9,529	255,075	-32,446	-796	-21,516	66,880	-12,270
11	percent.....	33.4	8.6	102.4	71.0	-13.0	-6.8	-35.9	364.0	-17.9
12	Land undrained, unfit for any crop.....acres....1940..	1,873	.....	2,090	102,220	4,664	625	15,597	3,312	3,692
13	1930..	9,200	20,950	1,190	257,479	2,527	.....	6,518	.....	.....
14	Increase or decrease (-), 1930-1940.....acres.....	-7,327	-20,950	900	-155,259	2,137	625	9,079	3,312	3,692
15	percent.....	-79.6	-100.0	75.6	-60.3	84.6	.....	139.3	.....	.....
16	Land partly drained, for partial crop.....acres....1940..	8,484	100	3,300	37,465	2,332	.....	9,925	8,251	7,221
17	1930..	38,890	18,400	4,847	282,698	58	.....	9,868	.....	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-30,406	-18,300	-1,547	-245,233	2,274	.....	57	8,251	7,221
19	percent.....	-78.2	-99.4	-31.9	-86.7	(2)	.....	0.6	.....	.....
20	Improved land.....acres....1940..	227,185	273,760	19,620	369,785	35,115	10,796	46,354	79,779	59,839
21	1930..	210,579	292,143	15,338	302,138	168,647	11,614	45,900	18,371	63,345
22	1920..	40,844	61,816	3,078	[3] 210,948	23,134	(1)	11,674	9,837	21,760
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	250	1,117	1,190	221,138	125,073	22	12,614	6,583	5,606
24	1930..	.....	800	.....	190,257	14,959	.....	18,341	.....	4,680
25	1920..	20	29	.....	132,944	22,172	(1)	1,280	266	441
26	Other unimproved land.....acres....1940..	2,173	4,470	3,410	163,178	64,434	625	5,030	10,452	1,733
27	1930..	1,927	3,550	.....	407,123	69,051	.....	12,137	.....	510
28	1920..	24,282	27,734	1,831	692,932	172,383	(1)	7,643	11,254	4,082
29	Land in occupied farms.....acres....1940..	229,608	275,035	24,220	399,354	38,250	11,443	63,998	96,814	66,603
30	1930..	212,506	296,493	15,338	258,658	150,706	11,614	63,711	18,371	68,515
31	Increase or decrease (-), 1930-1940.....acres.....	17,102	-21,458	8,882	140,696	-112,456	-171	287	78,443	-1,912
32	percent.....	8.0	-7.2	57.9	54.4	-74.6	-1.5	0.4	427.0	-2.8
33	Land in planted crops.....acres....1940..	203,661	240,567	18,335	183,000	28,960	10,383	38,731	76,115	55,952
34	1930..	190,117	261,352	13,751	117,088	149,485	11,165	37,250	17,093	59,474
35	Increase or decrease (-), 1930-1940.....acres.....	13,544	-20,785	4,584	65,912	-120,525	-782	1,481	59,022	-3,522
36	percent.....	7.1	-8.0	33.3	56.3	-80.6	-7.0	4.0	345.3	-5.9
37	Land idle.....acres....1940..	5,866	400	5,885	186,097	180,522	1,060	25,241	20,639	9,931
38	1930..	100	2,200	.....	577,751	97,789	.....	5,635	.....	140
39	Increase or decrease (-), 1930-1940.....acres.....	5,766	-1,800	5,885	-391,654	82,733	1,060	19,606	20,639	9,791
40	percent.....	(2)	-81.8	.....	-67.8	84.6	.....	347.9	.....	(2)
41	Land available for settlement.....acres....1940..	.....	.....	.....	109,718	181,968	.....	.....	.....	.....
42	1930..	.....	.....	.....	298,668	88,358	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	-188,950	93,610	.....	.....	.....	.....
44	percent.....	.....	.....	.....	-63.3	105.9	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	22,000	50,891	16,070	754,101	224,622	9,513	50,411	59,813	57,815
46	Length of these ditches.....miles.....	88.0	156.9	48.4	927.0	690.2	26.3	116.1	230.4	193.4
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	49,716	43,723	2,420	.....	.....	.....	.....	7,191	.....
53	Length of these tile.....miles.....	249.6	225.0	8.4	.....	.....	.....	.....	31.2	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	157,892	184,733	5,730	.....	.....	1,930	13,587	29,810	9,363
60	Length of these open ditches.....miles.....	207.2	172.8	5.7	.....	.....	8.0	76.6	45.8	30.1
61	Length of these tile.....miles.....	590.1	797.1	8.0	.....	.....	1.2	24.9	67.4	7.8
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."
[2] Percent not shown when more than 1,000.
[3] Office estimate; the reported figures exceeded the improved acreage in all farms in the county as determined by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)			Steele	Stevens	Swift	Todd	Traverse	Wadena
	LAND AREA								
1	Approximate land area	acres	1940	272,000	364,800	478,080	606,080	366,080	343,040
2	Drainage enterprises	number	1940	18	29	26	49	46	26
3	Land in enterprises	acres	1940	38,819	64,763	122,155	106,706	138,203	85,381
4			1930	23,954	36,859	83,359	97,050	152,602	90,279
5			1920	17,679	44,232	65,840	46,785	171,595	51,937
6	Area of all enterprises, overlapping included	acres	1940	39,679	66,023	130,185	113,416	174,510	94,083
7	Amount of overlapping	acres	1940	860	1,260	8,030	6,710	36,307	8,702
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres	1940	35,662	64,763	122,155	68,157	135,779	83,381
9			1930	21,382	29,177	83,359	61,063	152,602	66,036
10	Increase or decrease (-), 1930-1940	acres		14,280	35,586	38,796	7,094	-16,823	17,345
11		percent		66.8	122.0	46.5	11.6	-11.0	26.3
12	Land undrained, unfit for any crop	acres	1940	1,494	.....	.....	8,921	2,424	.....
13			1930	1,050	3,526	.....	14,930	.....	8,707
14	Increase or decrease (-), 1930-1940	acres		444	-3,526	.....	-6,009	2,424	-8,707
15		percent		42.3	-100.0	.....	-40.2	.....	-100.0
16	Land partly drained, for partial crop	acres	1940	1,663	.....	.....	29,628	.....	2,000
17			1930	1,522	4,156	.....	21,057	.....	15,536
18	Increase or decrease (-), 1930-1940	acres		141	-4,156	.....	8,571	.....	-13,536
19		percent		9.3	-100.0	.....	40.7	.....	-87.1
20	Improved land	acres	1940	37,284	64,763	122,155	54,696	138,203	67,656
21			1930	22,224	33,051	83,359	67,465	152,602	56,931
22			1920	12,373	26,857	50,429	18,394	156,906	17,109
	Unimproved land:								
23	Woodland and cut-over land	acres	1940	40	.....	.....	43,098	.....	17,725
24			1930	500	.....	.....	24,613	.....	23,077
25			1920	.....	.....	.....	.....	.....	2,707
26	Other unimproved land	acres	1940	1,495	.....	.....	8,912	.....	.....
27			1930	1,230	3,808	.....	4,972	.....	10,271
28			1920	5,306	17,375	15,411	28,391	14,689	32,121
29	Land in occupied farms	acres	1940	37,819	61,615	119,634	100,303	138,203	79,504
30			1930	23,419	36,859	83,359	95,964	152,602	76,961
31	Increase or decrease (-), 1930-1940	acres		14,400	24,756	36,275	4,339	-14,399	2,543
32		percent		61.5	67.2	43.5	4.5	-9.4	3.3
33	Land in planted crops	acres	1940	30,400	55,527	101,921	51,328	123,039	65,921
34			1930	21,381	32,863	73,600	47,580	113,620	54,115
35	Increase or decrease (-), 1930-1940	acres		9,019	22,664	28,321	3,748	9,419	11,806
36		percent		42.2	69.0	38.5	7.9	8.3	21.8
37	Land idle	acres	1940	3,319	.....	.....	55,302	14,799	18,005
38			1930	1,455	3,708	600	47,807	38,952	21,154
39	Increase or decrease (-), 1930-1940	acres		1,864	-3,708	-600	7,495	-24,153	-3,149
40		percent		128.1	-100.0	-100.0	15.7	-62.0	-14.9
41	Land available for settlement	acres	1940	.....	.....	.....	6,403	.....	1,800
42			1930	240	.....	.....	453	.....	6,940
43	Increase or decrease (-), 1930-1940	acres		-240	.....	.....	5,950	.....	-5,140
44		percent		-100.0	.....	.....	[1]	.....	-74.1
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres		22,868	31,231	31,530	105,505	137,055	85,381
46	Length of these ditches	miles		80.0	49.0	64.3	417.4	206.1	207.8
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		7,661	.....	6,200	.....	1,148	.....
53	Length of these tile	miles		41.1	.....	44.7	.....	2.8	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		8,290	33,532	84,425	1,201	.....	.....
60	Length of these open ditches	miles		11.5	59.0	103.7	2.5	.....	.....
61	Length of these tile	miles		31.6	71.1	322.1	0.4	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Waseca	Washington	Watonwan	Wilkin	Wright	Yellow Medicine	Other counties[1]
	LAND AREA							
1	Approximate land area.....acres....1940..	265,600	249,600	277,120	481,280	429,440	485,120	1,042,560
2	Drainage enterprises.....number...1940..	20	8	29	33	38	34	5
3	Land in enterprises.....acres....1940..	36,258	19,066	56,336	238,168	37,290	103,187	10,341
4	1930..	32,959	10,284	60,452	253,295	13,017	38,962	8,191
5	1920..	10,076	8,804	15,158	237,948	13,362	12,775	19,747
6	Area of all enterprises, overlapping included.....acres....1940..	36,988	21,486	60,689	369,006	37,912	104,467	10,589
7	Amount of overlapping.....acres....1940..	730	2,420	4,353	130,838	622	1,280	248
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	31,268	17,856	52,455	233,140	32,891	87,198	9,450
9	1930..	25,242	5,547	53,977	235,318	11,164	38,837	7,991
10	Increase or decrease (-), 1930-1940.....acres.....	6,026	12,309	-1,522	-2,178	21,727	48,361	1,459
11	percent.....	23.9	221.9	-2.8	-0.9	194.6	124.5	18.2
12	Land undrained, unfit for any crop.....acres....1940..	3,300	605	2,214	5,028	2,064	2,897	650
13	1930..	4,481	1,434	1,040	7,397	.....	.....	200
14	Increase or decrease (-), 1930-1940.....acres.....	-1,181	-859	1,174	-2,369	2,064	2,897	450
15	percent.....	-26.4	-58.7	112.9	-32.0	.....	.....	225.0
16	Land partly drained, for partial crop.....acres....1940..	1,690	605	1,667	.....	2,335	13,092	241
17	1930..	3,236	3,273	5,435	10,580	1,853	125	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-1,546	-2,668	-3,768	-10,580	482	12,967	241
19	percent.....	-47.8	-81.5	-69.3	-100.0	26.0	(2)	.....
20	Improved land.....acres....1940..	32,958	17,856	53,548	234,948	29,067	100,420	9,303
21	1930..	26,163	5,440	55,562	245,698	12,886	38,862	7,904
22	1920..	6,007	4,557	13,906	146,620	7,756	8,495	13,124
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	1,500	605	577	.....	5,601	.....	374
24	1930..	1,108	1,640	800	.....	106	.....	287
25	1920..	.....	850	.....	4,029	852	.....	667
26	Other unimproved land.....acres....1940..	1,800	605	2,211	3,220	2,622	2,767	664
27	1930..	5,688	3,204	4,090	7,597	25	100	.....
28	1920..	4,069	3,397	1,252	87,299	4,754	4,280	5,956
29	Land in occupied farms.....acres....1940..	34,618	19,066	56,336	223,899	37,290	103,187	10,321
30	1930..	32,959	9,289	55,955	252,895	13,017	38,962	7,704
31	Increase or decrease (-), 1930-1940.....acres.....	1,659	9,777	381	-28,996	24,273	64,225	2,617
32	percent.....	5.0	105.2	0.7	-11.5	186.5	164.8	34.0
33	Land in planted crops.....acres....1940..	31,131	17,161	51,397	172,172	28,967	84,856	8,865
34	1930..	25,905	4,505	45,322	204,050	11,827	34,609	7,120
35	Increase or decrease (-), 1930-1940.....acres.....	5,226	12,656	6,075	-31,878	17,140	50,247	1,745
36	percent.....	20.2	280.9	13.4	-15.6	144.9	145.2	24.5
37	Land idle.....acres....1940..	5,127	1,904	4,839	25,198	7,969	18,271	1,296
38	1930..	1,674	1,655	1,663	.....	.....	.....	.....
39	Increase or decrease (-), 1930-1940.....acres.....	3,453	249	3,176	25,198	7,969	18,271	1,296
40	percent.....	206.3	15.0	191.0	.....	.....	.....	.....
41	Land available for settlement.....acres....1940..	640	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	340	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	640	.....	-340	.....	.....	.....	.....
44	percent.....	.....	.....	-100.0	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	30,279	14,801	400	238,168	29,240	15,343	3,162
46	Length of these ditches.....miles.....	60.8	23.4	1.5	297.8	76.5	35.0	14.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	1,874	3,748	17,067	.....	1,192	21,603	7,179
53	Length of these tile.....miles.....	7.7	11.1	93.3	.....	13.5	96.4	17.0
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	4,105	517	38,869	.....	6,858	66,241	.....
60	Length of these open ditches.....miles.....	8.5	0.8	19.0	.....	20.0	59.8	.....
61	Length of these tile.....miles.....	10.8	3.4	194.7	.....	12.2	170.5	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Rock, Wabasha, and Winona Counties in 1940; Dakota, Rock, and Wabasha Counties in 1930; and Dakota, Houston, Rock, Scott, and Wabasha Counties in 1920.
[2] Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Aitkin	Anoka	Becker	Beltrami[1]	Benton	Big Stone	Blue Earth
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2] 2,732	33	55	17	20	11	18	83
	Open ditches:								
2	Completed.....miles.....1940..	15,856.7	539.4	363.4	86.9	610.6	58.9	53.3	76.9
3	1930..	14,477.6	427.9	288.4	78.9	890.2	57.1	42.1	79.2
4	1920..	14,657.0	530.0	303.4	104.8	1,635.5	62.3	34.4	93.0
5	Additional length authorized.....miles.....1940..	0.3	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	9,893.4	.....	18.5	.....	.....	.....	35.0	456.4
7	1930..	9,451.3	.....	10.9	.....	.....	.....	42.5	278.4
8	1920..	5,924.6	.....	5.7	0.1	.....	.....	42.7	243.0
9	Additional length authorized.....miles.....1940..	6.0	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	0.4	.....	.....	.....	.....	.....	.....	.....
11	1930..	149.7	.....	.....	.....	.....	.....	.....	.....
12	1920..	0.1	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	30	.....	.....	.....	.....	.....	.....	.....
15	1930..	75	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	10,000	.....	.....	.....	.....	.....	.....	.....
18	1930..	12,700	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	1,315	.....	.....	.....	.....	.....	.....	.....
21	1930..	815	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	65,576,077	1,308,222	459,399	201,110	1,429,396	70,191	179,252	2,007,534
26	1930..	64,139,641	1,223,274	320,398	209,696	1,896,123	66,507	210,688	1,576,553
27	1920..	42,017,447	966,046	315,585	162,025	2,994,371	63,127	204,470	953,768
28	Estimated cost when completed.....dollars.....1940..	65,616,075	1,308,222	459,399	201,110	1,429,396	70,191	179,252	2,007,534
29	1930..	64,149,641	1,223,274	320,398	209,696	1,896,123	66,507	210,688	1,576,553
30	1920..	44,183,838	966,046	315,585	162,025	3,106,371	64,753	204,470	964,858
31	Average cost per acre when completed.....dollars.....1940..	5.97	3.21	4.37	4.80	4.10	4.74	6.79	14.16
32	1930..	5.59	2.81	2.59	11.09	2.94	7.85	6.58	19.88
33	1920..	4.79	2.30	4.58	9.40	2.56	8.12	20.22	17.69
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	28,128,874	1,308,222	430,181	201,110	1,429,396	70,191	63,784	53,482
35	Average amount per acre.....dollars..	3.41	3.21	4.21	4.80	4.10	4.74	5.32	3.26
36	Enterprises having open ditches and levees.....dollars..	50,129	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	20.09	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	11,799,417	.....	8,836	.....	.....	.....	16,711	1,361,429
39	Average amount per acre.....dollars..	12.83	.....	11.94	.....	.....	.....	7.53	14.28
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	25,515,945	.....	20,382	.....	.....	.....	98,757	592,623
43	Average amount per acre.....dollars..	13.97	.....	9.67	.....	.....	.....	8.12	19.76
44	Enterprises having ditches, tile, and levees.....dollars..	28,592	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	11.53	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	93,118	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	70.81	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	751	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	1,315	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	0.57	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	142,237	([4])	.....	.....	.....	.....	.....	7,748
53	Enterprises reporting.....number...	559	1	.....	.....	.....	.....	.....	54
54	Land in these enterprises.....acres....	1,877,184	([4])	.....	.....	.....	.....	.....	108,419
55	Average cost per acre.....dollars..	0.08	([4])	.....	.....	.....	.....	.....	0.07
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	89	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	298,454	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	1,114,425	20,666	1,498	1,505	([4])	.....	.....	121,874
59	Enterprises reporting.....number...	728	4	4	4	1	.....	.....	61
60	Land in these enterprises.....acres....	2,877,164	61,403	3,993	18,338	([4])	.....	.....	109,417
61	Average amount collected per acre.....dollars..	0.39	0.34	0.38	0.08	([4])	.....	.....	1.11
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	278,473	.....	874	2,940	.....	.....	.....	4,100
63	Enterprises reporting.....number...	207	.....	4	4	.....	.....	.....	9
64	Land in these enterprises.....acres....	1,213,033	.....	3,993	11,248	.....	.....	.....	32,717
65	Portion delinquent in these enterprises.....percent..	23.0	.....	21.9	26.1	.....	.....	.....	12.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	6,034,528	95,000	([4])	21,378	35,573	.....	([4])	770,697
67	Enterprises reporting.....number...	768	4	1	9	14	.....	2	71
68	Land in these enterprises.....acres....	3,093,134	61,403	([4])	18,195	334,388	.....	([4])	121,167
69	Average indebtedness per acre.....dollars..	1.95	1.55	([4])	1.17	0.11	.....	([4])	6.[illegible]
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	317,729	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	94	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	360,407	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	([5])	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] Part taken to form Lake of the Woods in 1922.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 2,498.
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are included only in State totals.
[5] Not computed because acreage of 1 enterprise is included for which amount of arrearage was not reported.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clearwater	Cottonwood
	DRAINAGE WORKS											
1	Drainage enterprises	number	1940	55	4	11	21	44	16	34	6	73
	Open ditches:											
2	Completed	miles	1940	128.3	102.0	58.6	161.7	263.7	74.9	312.6	72.2	36.0
3			1930	123.5	103.0	47.5	157.9	201.0	84.0	225.1	72.7	23.7
4			1920	137.9	54.0	52.8	166.0	175.6	74.5	244.5	.....	11.0
5	Additional length authorized	miles	1940	0.3	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed	miles	1940	265.9	.....	4.0	.....	190.8	.....	.....	.....	586.2
7			1930	246.0	.....	2.0	.....	165.2	.....	.....	.....	414.5
8			1920	184.5	.....	8.7	.....	149.7	.....	1.0	.....	319.4
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
12			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	984,966	282,488	126,168	302,026	917,414	86,527	1,011,199	203,348	1,669,257
26			1930	900,609	401,289	122,055	300,238	956,748	143,408	1,055,379	156,571	1,304,740
27			1920	560,195	135,012	117,579	268,696	1,036,955	94,962	712,787	.....	844,801
28	Estimated cost when completed	dollars	1940	985,361	282,488	126,168	302,026	917,414	86,527	1,011,199	203,348	1,669,257
29			1930	900,609	401,289	122,055	300,238	956,748	143,408	1,055,379	156,571	1,304,740
30			1920	692,574	135,012	136,079	268,696	1,036,955	94,962	712,787	.....	952,231
31	Average cost per acre when completed	dollars	1940	11.77	4.48	6.67	3.50	6.12	2.48	3.77	3.54	11.93
32			1930	9.87	5.13	19.42	3.68	14.33	3.17	3.41	1.99	28.64
33			1920	25.15	3.18	21.66	3.74	20.42	5.47	1.88	.....	28.40
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		116,345	282,488	105,745	302,026	123,270	86,527	1,011,199	203,348	32,096
35	Average amount per acre	dollars		3.74	4.48	6.19	3.50	2.72	2.48	3.77	3.54	6.07
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		689,040	.....	6,400	.....	99,376	.....	.....	.....	371,979
39	Average amount per acre	dollars		18.48	.....	9.98	.....	9.31	.....	.....	.....	9.94
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		179,976	.....	14,023	.....	694,768	.....	.....	.....	1,265,182
43	Average amount per acre	dollars		11.75	.....	11.96	.....	7.40	.....	.....	.....	13.02
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		1,698	.....	.....	.....	.....	.....	8,783	.....	2,302
53	Enterprises reporting	number		4	.....	.....	.....	.....	.....	16	.....	39
54	Land in these enterprises	acres		6,280	.....	.....	.....	.....	.....	150,728	.....	79,097
55	Average cost per acre	dollars		0.27	.....	.....	.....	.....	.....	0.06	.....	0.02
	Federal aid in maintenance:											
56	Enterprises reporting	number		2	.....	1	.....	.....	.....	.....	.....	.....
57	Land in these enterprises	acres		(1)	.....	(1)	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		10,768	(1)	.....	.....	(1)	.....	.....	.....	32,042
59	Enterprises reporting	number		14	2	.....	.....	1	.....	.....	.....	41
60	Land in these enterprises	acres		19,535	(1)	.....	.....	(1)	.....	.....	.....	71,085
61	Average amount collected per acre	dollars		0.55	(1)	.....	.....	(1)	.....	.....	.....	0.45
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		1,804	54,262	.....	.....	.....	.....	.....	.....	3,238
63	Enterprises reporting	number		6	3	.....	.....	.....	.....	.....	.....	12
64	Land in these enterprises	acres		9,310	58,902	.....	.....	.....	.....	.....	.....	32,048
65	Portion delinquent in these enterprises	percent		19.4	92.3	.....	.....	.....	.....	.....	.....	10.1
66	Total indebtedness, Dec. 31, 1939	dollars		52,885	.....	.....	.....	.....	.....	(1)	.....	224,900
67	Enterprises reporting	number		17	.....	.....	.....	.....	.....	2	.....	28
68	Land in these enterprises	acres		26,915	.....	.....	.....	.....	.....	(1)	.....	61,275
69	Average indebtedness per acre	dollars		1.96	.....	.....	.....	.....	.....	(1)	.....	3.67
70	Indebtedness in arrears, Dec. 31, 1939	dollars		10,116	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting	number		6	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises	acres		[2] 10,625	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre	dollars		(3)	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.
[2] Data included for 1 enterprise in Hennepin County.
[3] Not computed because acreage of 1 enterprise is included for which amount of arrearage was not reported.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Crow Wing	Dakota[1]	Dodge	Douglas	Faribault	Freeborn	Grant	Hennepin
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	14	2	5	19	76	39	24	36
	Open ditches:									
2	Completed	miles 1940	105.6	18.5	30.4	151.0	197.3	180.1	66.1	90.6
3		1930	98.2	(2)	34.2	130.6	186.9	145.5	70.0	67.4
4		1920	105.0	(2)	37.0	132.6	129.5	95.4	62.6	94.9
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	.....	.....	38.4	13.0	723.8	175.5	47.7	93.2
7		1930	.....	.....	10.0	24.8	719.5	191.5	33.8	71.8
8		1920	.....	(2)	10.0	11.5	616.0	17.9	53.5	0.4
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	1.0	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	.....	.....	.....	.....	0.1	.....	.....
11		1930	.....	.....	.....	.....	.....	.....	.....	.....
12		1920	.....	(2)	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	30
15		1930	.....	.....	.....	.....	.....	25	.....	50
16		1920	.....	(2)	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	10,000
18		1930	.....	.....	.....	.....	.....	2,700	.....	10,000
19		1920	.....	(2)	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	1,315
21		1930	.....	.....	.....	.....	.....	325	.....	490
22		1920	.....	(2)	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	93,289	28,230	119,961	304,657	2,618,126	1,868,921	364,134	561,223
26		1930	93,113	(2)	84,220	354,103	2,580,791	1,733,104	383,152	480,086
27		1920	93,973	(2)	55,960	197,536	2,191,616	265,283	584,823	227,277
28	Estimated cost when completed	dollars 1940	93,289	28,230	119,961	304,657	2,618,126	1,868,921	372,356	561,223
29		1930	93,113	(2)	84,220	354,103	2,580,791	1,733,104	383,152	480,086
30		1920	93,973	(2)	55,960	197,536	2,317,116	313,283	584,823	237,777
31	Average cost per acre when completed	dollars 1940	2.28	3.55	5.02	4.43	10.12	15.25	6.05	15.35
32		1930	2.24	(2)	5.84	14.39	10.22	14.00	6.14	23.29
33		1920	3.85	(2)	4.03	6.44	19.52	16.42	9.69	17.78
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	93,289	28,230	.....	244,055	112,618	252,867	123,905	207,697
35	Average amount per acre	dollars	2.28	3.55	.....	3.75	5.36	7.67	2.73	7.13
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	50,129	.....	.....
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	20.09	.....	.....
38	Enterprises having tile only	dollars	.....	.....	55,344	.....	637,180	241,458	75,931	91,280
39	Average amount per acre	dollars	.....	.....	11.64	.....	9.58	18.68	18.06	41.97
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	.....	.....	64,617	60,602	1,868,328	1,324,467	172,520	169,128
43	Average amount per acre	dollars	.....	.....	3.37	16.29	10.92	17.86	14.43	43.06
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars	.....	.....	.....	.....	.....	.....	.....	93,118
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	70.81
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	751
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	[4]1
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	1,315
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	0.57
52	By enterprises not operating pumping plants	dollars	.....	.....	14	.....	11,968	14,791	.....	.....
53	Enterprises reporting	number	.....	.....	3	.....	67	17	.....	.....
54	Land in these enterprises	acres	.....	.....	21,083	.....	230,302	77,415	.....	.....
55	Average cost per acre	dollars	.....	.....	(5)	.....	0.05	0.19	.....	.....
	Federal aid in maintenance:									
56	Enterprises reporting	number	.....	.....	4	.....	.....	1	.....	2
57	Land in these enterprises	acres	.....	.....	6,542	.....	.....	(6)	.....	(6)
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	.....	.....	(6)	(6)	27,359	106,249	3,608	13,718
59	Enterprises reporting	number	.....	.....	2	1	24	19	5	11
60	Land in these enterprises	acres	.....	.....	(6)	(6)	99,398	70,863	11,393	5,012
61	Average amount collected per acre	dollars	.....	.....	(6)	(6)	0.28	1.50	0.32	2.74
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	.....	.....	.....	.....	.....	6,164	.....	1,421
63	Enterprises reporting	number	.....	.....	.....	.....	.....	10	.....	6
64	Land in these enterprises	acres	.....	.....	.....	.....	.....	54,023	.....	3,359
65	Portion delinquent in these enterprises	percent	.....	.....	.....	.....	.....	11.4	.....	42.3
66	Total indebtedness, Dec. 31, 1939	dollars	.....	.....	(6)	35,651	153,560	511,705	84,749	148,213
67	Enterprises reporting	number	.....	.....	1	3	44	17	4	11
68	Land in these enterprises	acres	.....	.....	(6)	15,753	153,406	65,342	10,513	5,183
69	Average indebtedness per acre	dollars	.....	.....	(6)	2.26	1.00	7.83	8.06	28.60
70	Indebtedness in arrears, Dec. 31, 1939	dollars	.....	.....	.....	.....	.....	.....	.....	(7)
71	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	1
72	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	(8)
73	Average arrearage per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Included in "Other counties." [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Data shown by written permission of enterprise affected. [5] Less than ½ cent per acre. [6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 4. [7] Not reported. [8] Included in Brown County.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Houston[1]	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	1	12	26	10	83	12	43	40	22
	Open ditches:									
2	Completed.....miles.....1940..	21.0	38.7	150.2	116.6	58.5	82.0	381.0	293.7	507.2
3	1930..	20.0	39.7	153.8	104.5	71.9	80.5	395.7	242.6	568.6
4	1920..	(2)	31.0	111.5	97.0	70.4	76.0	320.4	395.0	542.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	0.5	.....	846.6	.....	131.5	.....	.....
7	1930..	.....	.....	2.2	.....	769.6	2.1	105.0	.....	.....
8	1920..	(2)	.....	.....	.....	652.1	.....	70.3	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	(2)	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	(2)	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	(2)	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	(2)	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	234,144	46,152	362,370	309,453	2,251,183	130,216	977,329	1,312,398	1,876,739
26	1930..	234,144	53,235	365,462	314,200	2,258,563	125,782	960,673	1,087,388	1,520,886
27	1920..	(2)	30,887	194,885	241,490	1,555,157	105,760	632,583	758,425	1,281,238
28	Estimated cost when completed.....dollars.....1940..	234,144	46,152	362,370	309,453	2,251,183	130,216	977,329	1,312,398	1,876,739
29	1930..	234,144	53,235	365,462	314,200	2,258,563	125,782	960,673	1,087,388	1,520,886
30	1920..	(2)	30,887	194,885	241,490	1,624,563	105,760	687,928	758,425	1,356,438
31	Average cost per acre when completed.....dollars.....1940..	16.11	2.12	6.14	2.48	9.49	2.03	4.94	3.78	2.95
32	1930..	21.20	2.42	12.55	2.86	8.97	8.55	14.42	2.85	2.19
33	1920..	(2)	2.16	10.17	2.43	24.94	6.39	10.38	1.52	1.92
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	234,144	46,152	344,272	309,453	4,364	130,216	378,208	1,312,398	1,876,739
35	Average amount per acre.....dollars..	16.11	2.12	5.91	2.48	8.39	2.03	2.64	3.78	2.95
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	1,355,180	.....	149,497	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	9.34	.....	9.23	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	18,098	.....	891,639	.....	449,624	.....	.....
43	Average amount per acre.....dollars..	.....	.....	22.62	.....	9.72	.....	11.74	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	16,557	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	57	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	196,694	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	0.08	.....	.....	.....	.....
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	16,345	.....	8,527	(3)	33,922	.....	25,324	19,631	.....
59	Enterprises reporting.....number...	1	.....	7	1	55	.....	10	13	.....
60	Land in these enterprises.....acres....	14,531	.....	16,440	(3)	143,484	.....	29,096	118,401	.....
61	Average amount collected per acre.....dollars..	1.12	.....	0.52	(3)	0.24	.....	0.87	0.16	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	104	.....	5,493	34,411	.....	.....	7,975	6,873	.....
63	Enterprises reporting.....number...	1	.....	7	4	.....	.....	10	9	.....
64	Land in these enterprises.....acres....	14,531	.....	16,440	48,201	.....	.....	50,350	75,880	.....
65	Portion delinquent in these enterprises.....percent..	0.7	.....	33.4	71.4	.....	.....	15.8	9.0	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	76,600	.....	36,000	(3)	96,800	.....	36,250	160,355	.....
67	Enterprises reporting.....number...	1	.....	8	1	25	.....	5	26	.....
68	Land in these enterprises.....acres....	14,531	.....	18,960	(3)	83,348	.....	18,501	186,786	.....
69	Average indebtedness per acre.....dollars..	5.27	.....	1.90	(3)	1.16	.....	1.96	0.86	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Lac qui Parle	Lake of the Woods[1]	Le Sueur	Lincoln	Lyon	McLeod	Mahnomen	Marshall
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	50	8	42	39	73	43	4	46
	Open ditches:								
2	Completed.....miles.....1940..	215.5	148.0	192.6	131.4	76.1	131.3	60.0	1,387.6
3	1930..	195.9	624.4	163.7	106.8	75.0	150.7	62.5	660.5
4	1920..	226.0	.....	168.8	132.2	54.5	96.6	41.1	834.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	154.1	.....	0.5	104.1	393.2	88.6	.....	.....
7	1930..	166.1	.....	.....	101.6	296.5	36.0	.....	.....
8	1920..	111.4	.....	0.2	62.9	303.1	51.3	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	0.1	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	936,608	347,776	280,266	600,223	1,270,447	527,357	277,190	3,076,140
26	1930..	883,583	1,378,327	265,735	553,480	1,017,198	463,308	282,816	2,526,724
27	1920..	738,907	.....	238,951	348,352	870,872	283,506	92,573	2,069,234
28	Estimated cost when completed.....dollars.....1940..	936,608	347,776	280,266	600,223	1,270,447	527,357	277,190	3,076,140
29	1930..	883,583	1,378,327	265,735	553,480	1,017,198	463,308	282,816	2,526,724
30	1920..	738,907	.....	238,951	389,256	989,480	285,992	267,573	2,069,234
31	Average cost per acre when completed.....dollars.....1940..	10.89	1.71	4.38	10.67	12.08	9.64	6.24	3.78
32	1930..	10.86	2.04	16.38	9.83	10.80	8.10	5.62	3.08
33	1920..	27.81	.....	14.29	26.86	31.15	20.32	7.29	2.68
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	167,280	347,776	260,381	50,902	64,018	161,167	277,190	3,076,140
35	Average amount per acre.....dollars..	4.92	1.71	4.21	4.55	3.62	7.92	6.24	3.78
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	285,228	.....	.....	60,401	783,926	116,166	.....	.....
39	Average amount per acre.....dollars..	19.28	.....	.....	11.70	12.58	9.96	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	484,100	.....	19,885	488,920	422,503	250,024	.....	.....
43	Average amount per acre.....dollars..	13.03	.....	9.09	12.25	16.75	11.02	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	1,539	(2)	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	16	1	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	27,624	(2)	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	0.06	(2)	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	758	.....	(2)	17,675	70,492	972	.....	.....
59	Enterprises reporting.....number...	3	.....	2	8	20	6	.....	.....
60	Land in these enterprises.....acres....	2,435	.....	(2)	21,037	43,707	8,219	.....	.....
61	Average amount collected per acre.....dollars..	0.31	.....	(2)	0.84	1.61	0.12	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	2,940	.....	.....	.....	.....	(2)	35,086	.....
63	Enterprises reporting.....number...	9	.....	.....	.....	.....	1	3	.....
64	Land in these enterprises.....acres....	9,129	.....	.....	.....	.....	(2)	43,780	.....
65	Portion delinquent in these enterprises.....percent..	32.2	.....	.....	.....	.....	(2)	80.1	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	138,363	8,075	(2)	21,452	60,522	5,035	(2)	.....
67	Enterprises reporting.....number...	14	8	2	4	19	3	1	.....
68	Land in these enterprises.....acres....	18,678	203,378	(2)	10,691	33,726	5,905	(2)	.....
69	Average indebtedness per acre.....dollars..	7.41	0.04	(2)	2.01	1.79	0.85	(2)	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	135,425	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	10	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	15,049	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	9.00	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] Organized from part of Beltrami County in 1922.

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Martin	Meeker	Mille Lacs	Morrison	Mower	Murray	Nicollet	Nobles	Norman
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	131	41	11	22	6	86	46	28	40
	Open ditches:									
2	Completed.....miles.....1940..	125.0	107.4	48.4	92.8	7.0	83.9	168.3	37.5	337.4
3	1930..	127.0	102.1	42.3	106.6	19.1	77.6	108.4	56.8	270.7
4	1920..	82.7	128.6	42.0	117.2	5.1	78.5	142.7	31.0	314.8
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	1,023.1	19.3	7.1	.....	50.8	783.8	52.5	321.3	0.5
7	1930..	1,028.5	16.3	7.1	.....	52.9	777.6	55.1	294.1	.....
8	1920..	718.8	16.9	.....	.....	13.3	488.6	36.7	137.6	0.5
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	0.3	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	2,782,775	318,980	60,487	107,052	236,233	2,243,246	456,317	1,609,796	878,509
26	1930..	2,936,410	265,990	47,860	101,521	236,287	2,284,010	410,538	1,585,461	885,417
27	1920..	1,793,548	249,787	34,192	96,019	77,520	1,343,220	332,762	510,331	670,666
28	Estimated cost when completed.....dollars.....1940..	2,782,775	318,980	60,487	107,052	236,233	2,243,246	456,317	1,609,796	878,509
29	1930..	2,936,410	265,990	47,860	101,521	236,287	2,284,010	410,538	1,585,461	885,417
30	1920..	1,857,548	249,787	34,192	99,019	85,020	1,448,271	342,445	545,660	670,666
31	Average cost per acre when completed.....dollars.....1940..	10.12	5.70	3.28	1.74	13.94	12.64	5.40	14.95	3.40
32	1930..	9.88	4.05	2.42	1.65	13.82	11.31	4.61	15.23	2.55
33	1920..	27.33	11.77	4.77	2.99	17.82	32.20	11.95	32.61	2.40
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	23,799	255,838	43,985	107,052	.....	97,740	245,768	39,937	876,645
35	Average amount per acre.....dollars..	3.34	5.04	2.55	1.74	.....	4.61	3.63	6.28	3.41
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	980,183	30,417	.....	.....	149,538	744,951	159,143	389,364	1,881
39	Average amount per acre.....dollars..	9.59	15.23	.....	.....	20.51	14.27	12.36	11.08	1.29
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	1,778,793	32,725	16,602	.....	86,695	1,371,963	51,406	1,180,495	.....
43	Average amount per acre.....dollars..	10.74	10.01	13.92	.....	8.97	13.50	13.21	17.84	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	28,592	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	11.53	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	33,146	.....	.....	.....	.....	7,863	.....	4,136	.....
53	Enterprises reporting.....number...	104	.....	.....	.....	.....	67	.....	26	.....
54	Land in these enterprises.....acres....	243,719	.....	.....	.....	.....	131,228	.....	104,395	.....
55	Average cost per acre.....dollars..	0.14	.....	.....	.....	.....	0.06	.....	0.04	.....
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	66	.....	.....	.....	.....	6	.....	.....	.....
57	Land in these enterprises.....acres....	196,079	.....	.....	.....	.....	33,920	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	44,264	.....	.....	.....	8,588	61,085	(1)	18,323	2,034
59	Enterprises reporting.....number...	69	.....	.....	.....	4	67	2	9	4
60	Land in these enterprises.....acres....	147,716	.....	.....	.....	8,850	146,679	(1)	44,179	21,610
61	Average amount collected per acre.....dollars..	0.30	.....	.....	.....	0.97	0.42	(1)	0.41	0.09
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	(1)	.....	(1)	3,036	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	2	.....	1	19	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	(1)	.....	(1)	64,175	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	(1)	.....	(1)	4.7	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	277,546	(1)	(1)	.....	32,275	514,460	.....	66,345	4,062
67	Enterprises reporting.....number...	80	1	2	.....	4	80	.....	8	4
68	Land in these enterprises.....acres....	195,969	(1)	(1)	.....	8,850	155,988	.....	43,939	21,610
69	Average indebtedness per acre.....dollars..	1.42	(1)	(1)	.....	3.65	3.30	.....	1.51	0.19
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	722	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	3	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	2,703	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	0.27	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Otter Tail	Pennington	Pine	Pipestone[1]	Polk	Pope	Ramsey	Red Lake
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	61	49	9	1	121	19	20	30
	Open ditches:								
2	Completed.....miles.....1940..	262.5	439.7	61.3	14.0	1,117.3	62.7	44.8	124.5
3	1930..	253.4	283.1	59.0	13.0	640.3	103.0	47.3	144.1
4	1920..	241.2	371.2	51.0	5.1	801.7	69.4	37.4	158.4
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	22.5	.....	.....	72.0	12.0	4.4	1.5	.....
7	1930..	30.9	.....	.....	113.0	6.1	.....	1.6	.....
8	1920..	23.2	.....	.....	43.2	.....	7.1	0.8	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	149.5	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	338,299	797,740	124,081	249,539	2,329,407	168,872	88,644	247,451
26	1930..	392,427	852,411	125,236	251,000	2,295,076	178,979	134,990	257,344
27	1920..	316,154	603,019	89,274	219,175	1,102,337	123,112	71,357	188,572
28	Estimated cost when completed.....dollars.....1940..	338,299	797,740	124,081	249,539	2,329,407	168,872	88,644	247,451
29	1930..	392,427	852,411	125,236	251,000	2,295,076	178,979	134,990	257,344
30	1920..	316,154	603,019	89,274	269,175	1,111,537	124,912	86,857	188,572
31	Average cost per acre when completed.....dollars.....1940..	3.01	2.37	3.40	11.08	3.25	4.99	6.85	2.08
32	1930..	7.38	2.64	3.35	11.51	3.01	4.39	32.31	1.62
33	1920..	6.25	1.72	5.50	18.15	1.33	10.96	20.82	1.29
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	269,270	797,740	124,081	.....	2,275,487	148,023	68,659	247,451
35	Average amount per acre.....dollars..	2.56	2.37	3.40	.....	3.20	4.57	6.25	2.08
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	26,458	.....	.....	.....	27,496	18,269	.....	.....
39	Average amount per acre.....dollars..	9.08	.....	.....	.....	19.94	14.27	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	42,571	.....	.....	249,539	26,424	2,580	19,985	.....
43	Average amount per acre.....dollars..	10.52	.....	.....	11.08	5.21	12.90	10.24	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	35	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	1	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	22,514	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	([2])	.....	.....	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	.....	.....	1	1	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	22,514	([3])	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	.....	8,073	.....	10,455	28,929	.....	.....	3,333
59	Enterprises reporting.....number...	.....	6	.....	1	39	.....	.....	7
60	Land in these enterprises.....acres....	.....	84,660	.....	22,514	250,532	.....	.....	55,760
61	Average amount collected per acre.....dollars..	.....	0.10	.....	0.46	0.12	.....	.....	0.06
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	30,682	.....	518	17,094	([3])	.....	.....
63	Enterprises reporting.....number...	.....	6	.....	1	19	2	.....	.....
64	Land in these enterprises.....acres....	.....	84,660	.....	22,514	104,110	([3])	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	36.2	.....	2.3	16.4	([3])	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	19,000	.....	32,000	303,472	([3])	.....	38,350
67	Enterprises reporting.....number...	.....	3	.....	1	73	1	.....	6
68	Land in these enterprises.....acres....	.....	69,740	.....	22,514	381,120	([3])	.....	41,360
69	Average indebtedness per acre.....dollars..	.....	0.27	.....	1.42	0.80	([3])	.....	0.93
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	140,229	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	63	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	298,924	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	0.47	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Less than 1/2 cent per acre.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as noted in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Redwood	Renville	Rice	Roseau	St. Louis	Scott	Sherburne	Sibley	Stearns
	DRAINAGE WORKS										
1	Drainage enterprises....number	1940	90	85	17	33	18	7	31	61	38
	Open ditches:										
2	Completed....miles	1940	295.2	329.7	54.1	927.0	690.2	34.3	192.7	276.2	223.5
3		1930	184.8	360.3	31.5	955.3	783.5	34.2	196.9	96.4	237.4
4		1920	174.4	343.9	43.8	1,091.1	654.8	(1)	140.0	201.3	197.4
5	Additional length authorized....miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:										
6	Completed....miles	1940	839.7	1,022.1	16.4	.....	.....	1.2	24.9	98.6	7.8
7		1930	767.1	1,235.4	.....	.....	.....	.....	24.9	89.1	2.0
8		1920	479.8	332.4	7.3	.....	.....	(1)	5.8	9.2	9.5
9	Additional length authorized....miles	1940	5.0	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed....miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
11		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
12		1920	.....	.....	.....	.....	.....	(1)	.....	.....	.....
13	Additional length authorized....miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity....horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	(1)	.....	.....	.....
17	Pump capacity....gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	(1)	.....	.....	.....
20	Land served by pumps....acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	(1)	.....	.....	.....
23	Wells pumped for drainage....number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1....dollars	1940	3,213,989	5,477,663	133,896	1,564,905	1,386,065	78,657	273,416	823,393	324,157
26		1930	2,893,835	5,238,177	131,368	1,698,728	1,353,781	75,970	327,149	686,118	376,725
27		1920	1,597,448	1,774,271	102,191	1,768,122	1,028,797	(1)	174,602	207,622	275,221
28	Estimated cost when completed....dollars	1940	3,245,370	5,477,663	133,896	1,564,905	1,386,065	78,657	273,416	823,393	324,157
29		1930	2,893,835	5,238,177	131,368	1,698,728	1,353,781	75,970	327,149	686,118	376,725
30		1920	1,895,940	1,875,171	102,191	1,768,122	1,033,797	(1)	176,302	442,906	275,221
31	Average cost per acre when completed....dollars	1940	14.13	19.61	5.53	2.08	6.17	6.87	4.27	8.50	4.82
32		1930	13.62	17.67	8.56	1.89	5.36	6.54	4.28	37.35	5.50
33		1920	29.10	20.93	20.82	1.71	4.75	(1)	8.56	20.74	10.47
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only....dollars		104,815	389,146	57,095	1,564,905	1,386,065	59,811	156,635	190,129	259,492
35	Average amount per acre....dollars		4.76	7.65	3.55	2.08	6.17	6.29	3.11	3.18	4.49
36	Enterprises having open ditches and levees....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only....dollars		728,930	1,010,324	23,536	.....	.....	.....	.....	114,394	.....
39	Average amount per acre....dollars		14.66	23.11	9.72	.....	.....	.....	.....	15.91	.....
40	Enterprises having tile and levees....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile....dollars		2,411,625	4,078,193	53,265	.....	.....	18,846	116,781	518,870	64,665
43	Average amount per acre....dollars		15.27	22.08	9.30	.....	.....	9.76	8.60	17.40	6.91
44	Enterprises having ditches, tile, and levees....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting....number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises....acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants....dollars		(2)	8,543	.....	.....	1,601	.....	(2)	.....	.....
53	Enterprises reporting....number		1	38	.....	.....	4	.....	2	.....	.....
54	Land in these enterprises....acres		(2)	200,347	.....	.....	85,802	.....	(2)	.....	.....
55	Average cost per acre....dollars		(2)	0.04	.....	.....	0.02	.....	(2)	.....	.....
	Federal aid in maintenance:										
56	Enterprises reporting....number		2	.....	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises....acres		(2)	.....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939....dollars		76,551	185,878	.....	10,139	6,303	.....	.....	7,001	.....
59	Enterprises reporting....number		50	37	.....	18	10	.....	.....	8	.....
60	Land in these enterprises....acres		147,830	185,533	.....	407,355	133,272	.....	.....	32,080	.....
61	Average amount collected per acre....dollars		0.52	1.00	.....	0.02	0.05	.....	.....	0.22	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939....acres		3,780	1,823	.....	.....	45,184	.....	(2)	(2)	.....
63	Enterprises reporting....number		17	4	.....	.....	14	.....	1	2	.....
64	Land in these enterprises....acres		96,785	103,132	.....	.....	196,822	.....	(2)	(2)	.....
65	Portion delinquent in these enterprises....percent		3.9	1.8	.....	.....	23.0	.....	(2)	(2)	.....
66	Total indebtedness, Dec. 31, 1939....dollars		287,464	49,150	.....	.....	127,099	.....	23,283	43,000	.....
67	Enterprises reporting....number		50	11	.....	.....	6	.....	4	5	.....
68	Land in these enterprises....acres		147,830	34,754	.....	.....	51,827	.....	7,249	19,040	.....
69	Average indebtedness per acre....dollars		1.94	1.41	.....	.....	2.45	.....	3.21	2.26	.....
70	Indebtedness in arrears, Dec. 31, 1939....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting....number		.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises....acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting....number		.....	.....	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises....acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre....dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Steele	Stevens	Swift	Todd	Traverse	Wadena
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	18	29	26	49	46	26
	Open ditches:						
2	Completed.....miles.....1940..	91.5	108.0	168.0	419.9	206.1	207.8
3	1930..	71.6	115.5	224.5	356.8	199.7	225.1
4	1920..	81.0	99.8	100.6	359.2	194.9	172.8
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Tile drains:						
6	Completed.....miles.....1940..	72.7	71.1	366.8	0.4	2.8	.....
7	1930..	70.7	71.1	357.0	.....	1.5	0.1
8	1920..	32.0	89.2	270.7	1.0	3.1	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Levees and dikes:						
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED						
25	Capital invested to January 1.....dollars.....1940..	353,199	488,789	1,423,008	349,545	349,264	171,034
26	1930..	353,449	447,625	1,570,046	349,670	328,032	175,296
27	1920..	212,619	564,136	1,064,494	318,492	297,428	164,543
28	Estimated cost when completed.....dollars.....1940..	353,199	488,789	1,423,008	349,545	349,264	171,034
29	1930..	353,449	447,625	1,570,046	349,670	328,032	175,296
30	1920..	212,619	599,836	1,064,494	318,492	297,428	164,543
31	Average cost per acre when completed.....dollars.....1940..	9.10	7.55	11.65	3.28	2.53	2.00
32	1930..	14.76	12.14	18.83	3.60	2.15	1.94
33	1920..	12.03	13.56	16.17	6.81	1.73	3.17
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only.....dollars..	112,435	122,520	106,073	344,942	344,706	171,034
35	Average amount per acre.....dollars..	4.92	3.92	3.36	3.27	2.52	2.00
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	125,824	.....	96,000	.....	4,558	.....
39	Average amount per acre.....dollars..	16.42	.....	15.48	.....	3.97	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	114,940	366,269	1,220,935	4,603	.....	.....
43	Average amount per acre.....dollars..	13.86	10.92	14.46	3.83	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	(1)	123	.....
53	Enterprises reporting.....number...	.....	.....	.....	2	6	.....
54	Land in these enterprises.....acres....	.....	.....	.....	(1)	18,833	.....
55	Average cost per acre.....dollars..	.....	.....	.....	(1)	0.01	.....
	Federal aid in maintenance:						
56	Enterprises reporting.....number...	.....	.....	.....	3	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	6,799	.....	.....
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939.....dollars..	6,533	13,757	8,470	.....	(1)	697
59	Enterprises reporting.....number...	6	12	5	.....	1	4
60	Land in these enterprises.....acres....	7,981	36,877	41,060	.....	(1)	6,803
61	Average amount collected per acre.....dollars..	0.82	0.37	0.21	.....	(1)	0.10
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	32,200	(1)	873,488	.....	25,860	31,237
67	Enterprises reporting.....number...	6	1	10	.....	22	11
68	Land in these enterprises.....acres....	7,981	(1)	86,265	.....	67,037	33,106
69	Average indebtedness per acre.....dollars..	4.03	(1)	10.12	.....	0.38	0.94
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	31,237
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	11
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	33,106
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	0.94
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, data are included only in State totals.

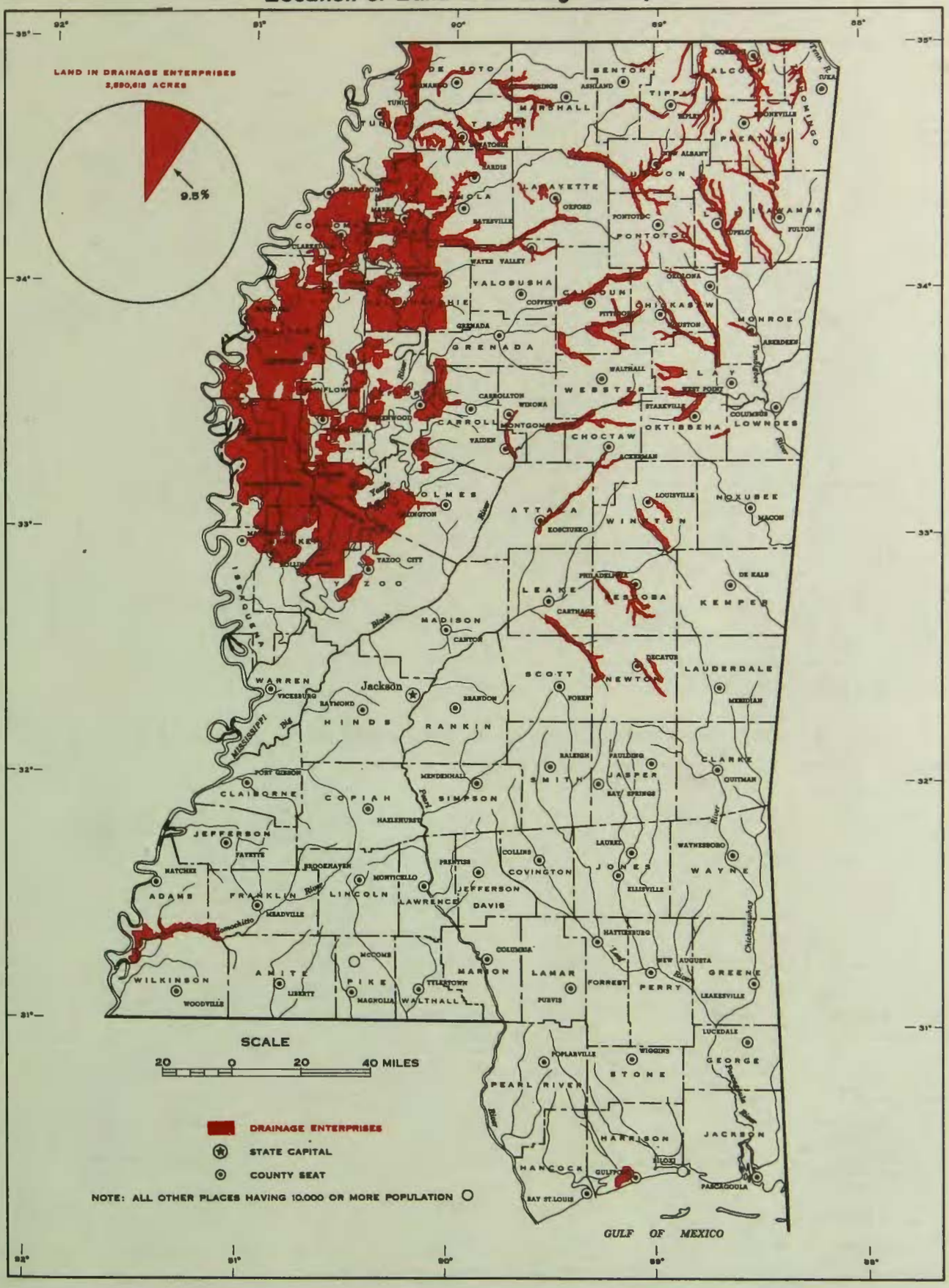
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Waseca	Washington	Watonwan	Wilkin	Wright	Yellow Medicine	Other counties[1]
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	20	8	29	33	38	34	5
	Open ditches:									
2	Completed	miles	1940	69.3	24.2	20.5	297.8	96.5	94.8	14.5
3			1930	67.7	27.1	15.0	265.3	109.2	88.6	25.6
4			1920	59.0	25.5	20.0	283.2	94.2	31.9	76.5
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles	1940	18.5	14.5	288.0	.....	25.7	266.9	17.0
7			1930	23.7	14.3	373.5	.....	34.0	285.7	8.0
8			1920	.....	6.0	182.0	.....	24.0	51.5	18.8
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	0.2	.....
12			1920	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	281,294	114,699	730,336	784,440	257,652	1,790,426	155,793
26			1930	331,184	107,559	730,270	726,639	264,347	1,740,446	147,921
27			1920	81,715	58,217	450,516	721,575	217,897	212,850	413,979
28	Estimated cost when completed	dollars	1940	281,294	114,699	730,336	784,440	257,652	1,790,426	155,793
29			1930	331,184	107,559	740,270	726,639	264,347	1,740,446	147,921
30			1920	81,715	58,217	450,516	741,575	217,897	227,128	463,979
31	Average cost per acre when completed	dollars	1940	7.76	6.02	12.96	3.29	6.91	17.35	15.06
32			1930	10.05	10.46	12.25	2.87	20.31	44.67	18.06
33			1920	8.11	6.61	29.72	3.12	16.31	17.78	23.50
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		122,860	58,029	4,000	784,440	150,670	44,763	50,063
35	Average amount per acre	dollars		4.06	3.92	10.00	3.29	5.15	2.92	15.83
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		42,520	42,870	179,437	.....	13,208	379,041	105,730
39	Average amount per acre	dollars		22.69	11.44	10.51	.....	11.08	17.54	14.73
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		115,914	13,800	546,899	.....	93,774	1,366,622	.....
43	Average amount per acre	dollars		28.24	26.69	14.07	.....	13.67	20.63	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		.....	.....	4,364	13,651	421	(2)	(2)
53	Enterprises reporting	number		.....	.....	20	5	4	2	2
54	Land in these enterprises	acres		.....	.....	49,222	23,360	4,473	(2)	(2)
55	Average cost per acre	dollars		.....	.....	0.09	0.58	0.09	(2)	(2)
	Federal aid in maintenance:									
56	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		2,203	7,356	33,022	.....	.....	25,189	2,804
59	Enterprises reporting	number		3	3	20	.....	.....	20	3
60	Land in these enterprises	acres		4,025	2,043	41,234	.....	.....	83,559	6,951
61	Average amount collected per acre	dollars		0.55	3.60	0.80	.....	.....	0.30	0.40
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		.....	320	1,160	.....	.....	4,880	(2)
63	Enterprises reporting	number		.....	4	3	.....	.....	13	1
64	Land in these enterprises	acres		.....	9,738	10,054	.....	.....	35,988	(2)
65	Portion delinquent in these enterprises	percent		.....	3.3	11.5	.....	.....	13.6	(2)
66	Total indebtedness, Dec. 31, 1939	dollars		53,000	3,015	46,243	.....	.....	309,754	(2)
67	Enterprises reporting	number		3	3	12	.....	.....	14	2
68	Land in these enterprises	acres		4,025	2,043	27,827	.....	.....	77,519	(2)
69	Average indebtedness per acre	dollars		13.17	1.48	1.66	.....	.....	4.00	(2)
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre	dollars		.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....	.....	.....

[1] Includes Rock, Wabasha, and Winona Counties in 1940; Dakota, Rock, and Wabasha Counties in 1930; and Dakota, Houston, Rock, Scott, and Wabasha Counties in 1920.
[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

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Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	30,348,800	29,671,680	29,671,680	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	2,890,618	2,988,496	1,601,444	-97,878	-3.3	1,387,052	86.6
Improved.....acres.....	1,892,524	1,950,356	941,239	-57,832	-3.0	1,009,117	107.2
Unimproved:							
Timber and cut-over.....acres.....	988,570	905,712	631,964	82,858	9.1	273,748	43.3
Other.....acres.....	9,524	132,428	28,241	-122,904	-92.8	104,187	368.9
Drainage sufficient for normal crop.....acres.....	1,884,992	2,434,593	(1)	-549,601	-22.6	.....	.....
Partly drained, for partial crop.....acres.....	504,037	267,748	(1)	236,289	88.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	501,589	286,155	[2] 261,126	215,434	75.3	25,029	9.6
In occupied farms.....acres.....	2,182,729	2,092,899	(1)	89,830	4.3	.....	.....
In planted crops.....acres.....	1,698,170	1,801,947	(1)	-113,771	-6.3	.....	.....
Idle.....acres.....	1,016,503	975,970	(1)	40,533	4.2	.....	.....
Available for settlement.....acres.....	87,562	687,363	(1)	-599,801	-87.3	.....	.....
Open ditches, completed.....miles.....	4,344.1	4,022.1	1,815.1	322.0	8.0	2,207.0	121.6
Tile drains, completed.....miles.....	34.1	43.5	238.8	-9.4	-21.6	-195.3	-81.8
Drainage pumping plants, capacity.....horsepower....	(3)	370	250	(3)	(3)	120	48.0
gal. per min..	(3)	103,000	78,000	(3)	(3)	25,000	32.1
Capital invested in enterprises.....dollars.....	23,259,677	23,601,443	7,076,164	-341,766	-1.4	16,525,279	233.5
Average per acre.....dollars.....	8.05	7.90	4.42	0.15	1.9	3.48	78.7

[1] Not available. [2] Reported as "Swampy, subject to overflow, seeped, or alkali." [3] Where there are less than 3 enterprises reporting, data are not shown.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	3,126,870	3,159,944	1,604,484	2,890,618	5,000 to 9,999 acres.....	429,877	462,954	157,416	413,250
					10,000 to 19,999 acres.....	693,017	1,558,578	664,285	660,200
Less than 100 acres.....	93	65	.....	93	20,000 to 49,999 acres.....	839,518			789,265
100 to 199 acres.....	.....	330		.....	50,000 to 99,999 acres.....	611,775	631,908	320,400	501,098
200 to 499 acres.....	7,016	6,964	1,894	6,734	100,000 to 199,999 acres.....	133,976	131,678	249,460	127,154
500 to 999 acres.....	18,630	19,705	9,789	17,274	200,000 to 499,999 acres.....	.....			.....
1,000 to 1,999 acres.....	94,085	347,762	201,240	85,613					
2,000 to 4,999 acres.....	298,883			239,937					

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	2,890,618	100.0	23,259,677	100.0
Drainage districts.....	2,840,463	98.3	23,084,370	99.2
State projects.....	(1)	.....	8,280	(2)
Individually owned projects.....	50,155	1.7	167,027	0.7

[1] Completely overlapped by later enterprises. [2] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	[2] 2,890,618	100.0	2,988,496	100.0	1,601,444	100.0	[2] 23,259,677	100.0	23,601,443	100.0	7,076,164	100.0
Gravity drainage only by—												
Open ditches.....	[2] 2,872,306	99.4	2,880,648	96.4	1,504,044	93.9	[2] 23,185,647	99.7	22,553,562	95.6	6,691,064	94.6
Tile drains.....	.....	.....	2,400	0.1			.....	.....	20,000	0.1		
Open ditches and tile drains...	18,312	0.6	5,131	0.1			74,030	0.3	51,600	0.2		
All drained by pumping by—												
Open ditches.....	.....	.....	4,000	0.2	.....	.....	.....	.....	72,000	0.3	.....	.....
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	(2)	(2)	96,317	3.2	97,400	6.1	(2)	(2)	904,281	3.8	385,100	5.4
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains...	.....	.....					.....	.....				
Total area served by pumps.....	(3)	(3)	8,040	0.3	4,000	0.2	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.
[2] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches and levees.
[3] When there are less than 3 enterprises reporting, data are not shown.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	2,890,618	100.0	2,988,496	100.0	23,259,677	100.0	23,601,443	100.0	159,062	135,044
Enterprises in arrears	282,180	9.8	183,977	6.2	2,358,683	10.2	2,475,640	10.5	96,312	72,525
With some delinquent land	235,560	8.1	179,019	6.0	1,946,883	8.4	2,426,140	10.3	96,312	72,525
With no delinquent land	42,380	1.5	3,049	0.1	369,800	1.6	31,500	0.1	.....	.....
With no report on delinquency	4,240	0.2	1,909	0.1	42,000	0.2	18,000	0.1	.....	.....
Enterprises not in arrears	2,608,438	90.2	2,804,519	93.8	20,900,994	89.8	21,125,803	89.5	62,750	62,519
With some delinquent land	504,580	17.4	812,028	27.2	4,472,346	19.2	6,874,411	29.1	62,750	62,519
With no delinquent land	2,096,303	72.5	1,853,938	62.0	16,356,898	70.3	13,127,325	55.6	.....	.....
With no report on delinquency	7,555	0.3	138,553	4.6	71,750	0.3	1,124,067	4.8	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	2,890,618	23,259,677	6,688,362	408,979	5,505,240	159,062	856,921
Enterprises in debt	[2] 2,176,016	19,197,816	6,688,362	408,979	5,287,000	159,062	797,198
In arrears, amount of arrearage stated	278,093	2,298,683	993,173	408,979	26,280	95,052	89,306
Collecting drainage taxes in 1939	245,918	2,000,153	867,011	314,196	26,280	66,317	89,306
No collections reported	32,175	298,530	126,162	94,783	.....	28,735	.....
In arrears, amount not stated	[2] 4,087	60,000	.....	.....	.....	1,260	1,255
Collecting drainage taxes in 1939	[2] 4,087	60,000	.....	.....	.....	1,260	1,255
Not in arrears	1,893,836	16,839,133	5,695,189	.....	5,260,720	62,750	706,637
Collecting drainage taxes in 1939	1,758,005	15,811,561	5,517,862	.....	4,976,914	62,750	706,637
No collections reported	135,831	1,027,572	177,327	.....	283,806	.....	.....
Enterprises not in debt	714,602	4,061,861	.....	.....	218,240	.....	59,723
Collecting drainage taxes in 1939	416,042	2,093,162	.....	.....	128,160	.....	59,723
No collections reported	298,560	1,968,699	.....	.....	90,080	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 4,087 acres for which amount of indebtedness was not reported.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	2,890,618	100.0	23,259,677	100.0
Improvement of land already in farms	364,588	12.6	3,329,941	14.3
Reclamation of swamp land not previously in farms	7,774	0.3	25,300	0.1
Protection against overflow	2,519,256	87.1	19,904,436	85.6

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	2,890,618	100.0	3,126,870	236,252	23,259,677	100.0
1900–1904	8,472	0.3	12,609	4,137	56,360	0.2
1905–1909	208,778	7.2	346,617	137,839	1,594,757	6.9
1910–1914	778,322	27.0	830,789	52,467	4,724,880	20.3
1915–1919	680,969	23.5	692,897	11,928	6,043,034	26.0
1920–1924	954,268	33.0	983,469	29,201	9,468,755	40.7
1925–1929	212,326	7.3	213,006	680	1,315,323	5.6
1930–1934	8,137	0.3	8,137	.....	48,700	0.2
1935–1939	39,346	1.4	39,346	.....	7,368	(3)

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	2,890,618	1,884,992	65.2	504,037	501,589	1,892,524	65.5	988,570	9,524	2,182,729	75.5	1,688,176	1,016,503	87,562
1900-1904.....	8,472	6,870	81.1	817	785	7,720	91.1	752	.....	8,472	100.0	5,937	1,500	160
1905-1909.....	208,778	143,949	68.9	32,540	32,289	146,511	70.2	61,694	573	162,499	77.8	123,080	60,589	5,160
1910-1914.....	778,322	524,985	67.4	124,222	129,115	540,761	69.5	236,548	1,013	619,618	79.5	475,833	247,047	26,402
1915-1919.....	680,969	380,401	55.9	152,134	148,434	397,763	58.4	277,038	6,168	476,512	70.0	347,108	286,421	30,680
1920-1924.....	954,268	671,598	70.4	143,012	139,658	641,155	67.2	312,517	596	727,890	76.3	596,868	316,602	20,735
1925-1929.....	212,326	145,491	68.5	33,385	33,450	146,504	69.0	64,048	1,174	173,153	81.6	129,150	68,813	4,425
1930-1934.....	8,137	5,908	72.6	1,171	1,058	6,020	74.0	2,117	.....	7,829	96.2	5,100	2,275	.....
1935-1939.....	39,346	5,790	14.7	16,756	16,800	6,090	15.5	33,250	.....	7,756	19.7	5,100	33,256	.....

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	2,890,618	2,584,212	999,463	1,584,749	112,370	0.04	0.11
Gravity drainage only[1].....	2,890,618	2,584,212	999,463	1,584,749	112,370	0.04	0.11
Open ditches only.....	2,500,976	2,194,570	985,369	1,212,961	111,655	0.04	0.11
Open ditches and levees[1].....	371,330	371,330		367,570			
Open ditches and tile drains.....	18,312	18,312	14,094	4,218	715	0.04	0.05

[1]Data for 1 enterprise operating pumping plant are included in those having gravity drainage only.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	2,890,618	100.0	23,259,677	100.0
Method:				
By district forces.....	619,270	21.4	5,296,094	22.8
By contract.....	361,801	12.5	2,617,439	11.2
Work apportioned to landowners.....	1,901,522	65.8	15,286,154	65.7
"None," or not reporting.....	8,025	0.3	60,000	0.3
Whether systematic:				
Reporting "yes".....	738,256	25.5	5,903,644	25.4
Reporting "no".....	2,114,851	73.2	16,974,823	73.0
Not reporting.....	37,511	1.3	381,210	1.6

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	2,890,618	319,209	11.0
Capital invested.....dollars..	23,259,677	2,230,150	9.6
Drainage works:			
Open ditches.....miles....	4,344.1	277.0	6.4
Tile drains.....miles....	34.1	23.0	67.4
Levees.....miles....	190.5	.....	.....

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	199,381	2,111,176	233.7	.....	42.0
Work Projects Administration	24,933	152,025	58.2	.....	.....
Corps of Engineers, U.S.A.	129,903	1,590,618	81.1	.....	42.0
W.P.A. and Corps of Engineers	44,545	368,533	94.4	.....	.....

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	2,890,618	[1] 2,105,050	72.8
Capital invested.....dollars	23,259,677	16,673,218	71.7
Drainage works:			
Open ditches.....miles	4,344.1	2,669.1	61.4
Tile drains.....miles	34.1	23.1	67.7
Levees.....miles	190.5	156.5	82.2

[1] The land actually dependent upon outside agencies for protection is 2,083,427 acres, which is 91.2 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Alcorn	Benton	Bolivar	Calhoun	Carroll	Chickasaw	Choctaw
	LAND AREA								
1	Approximate land area.....acres....1940..	30,348,800	259,200	263,680	586,880	378,880	408,320	323,840	266,880
2	Drainage enterprises.....number...1940..	[1] 343	14	3	27	6	6	11	6
3	Land in enterprises.....acres....1940..	2,890,618	32,326	6,747	375,400	58,315	30,586	28,325	16,938
4	1930..	2,988,496	32,882	7,498	374,135	106,620	31,418	27,858	19,322
5	1920..	1,601,444	26,883	4,000	184,896	29,852	8,200	22,218	14,975
6	Area of all enterprises, overlapping included.....acres....1940..	3,126,870	32,326	6,967	484,500	58,355	31,866	28,575	16,938
7	Amount of overlapping.....acres....1940..	236,252	.....	220	109,100	40	1,280	250	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	1,884,992	27,126	5,235	359,480	39,845	17,855	16,695	8,628
9	1930..	2,434,593	31,882	6,101	355,915	85,270	21,181	23,477	17,600
10	Increase or decrease (-), 1930-1940.....acres.....	-549,601	-4,756	-866	3,565	-45,425	-3,326	-6,782	-8,972
11	percent.....	-22.6	-14.9	-14.2	1.0	-53.3	-15.7	-28.9	-51.0
12	Land undrained, unfit for any crop.....acres....1940..	501,589	2,618	740	8,054	9,750	6,280	5,709	4,029
13	1930..	286,155	800	400	9,000	2,000	1,850	498	1,025
14	Increase or decrease (-), 1930-1940.....acres.....	215,434	1,818	340	-946	7,750	4,430	5,211	3,004
15	percent.....	75.3	227.2	85.0	-10.5	387.5	239.4	[2]	293.1
16	Land partly drained, for partial crop.....acres....1940..	504,037	2,582	772	7,866	8,720	6,451	5,921	4,281
17	1930..	267,748	200	997	9,220	19,350	8,387	3,883	697
18	Increase or decrease (-), 1930-1940.....acres.....	236,289	2,382	-225	-1,354	-10,630	-1,936	2,038	3,584
19	percent.....	88.2	[2]	-22.6	-14.7	-54.9	-23.1	52.5	514.2
20	Improved land.....acres....1940..	1,892,524	24,803	5,875	328,771	33,030	17,849	19,229	10,526
21	1930..	1,950,356	25,232	6,075	334,361	56,000	16,970	20,910	11,450
22	1920..	941,239	13,102	1,600	125,386	12,972	6,960	19,052	6,433
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	988,570	7,335	872	46,329	24,565	12,737	9,096	6,412
24	1930..	905,712	5,450	390	37,464	49,620	13,413	6,948	7,300
25	1920..	631,964	13,781	2,400	44,426	16,880	1,240	3,166	6,274
26	Other unimproved land.....acres....1940..	9,524	188	.....	300	720	.....	.....	.....
27	1930..	132,428	2,200	1,033	2,310	1,000	1,035	.....	572
28	1920..	28,241	.....	.....	15,084	.....	.....	.....	2,268
29	Land in occupied farms.....acres....1940..	2,182,729	28,588	6,747	332,265	40,830	20,600	23,171	12,841
30	1930..	2,092,899	27,168	6,601	334,561	67,620	18,938	22,645	11,875
31	Increase or decrease (-), 1930-1940.....acres.....	89,830	1,420	146	-2,296	-26,790	1,662	526	966
32	percent.....	4.3	5.2	2.2	-0.7	-39.6	8.8	2.3	8.1
33	Land in planted crops.....acres....1940..	1,688,176	21,825	4,685	323,072	26,400	16,900	15,159	7,440
34	1930..	1,801,947	25,168	6,075	332,341	50,000	13,000	18,500	10,625
35	Increase or decrease (-), 1930-1940.....acres.....	-113,771	-3,343	-1,390	-9,269	-23,600	3,900	-3,341	-3,185
36	percent.....	-6.3	-13.3	-22.9	-2.8	-47.2	30.0	-18.0	-30.0
37	Land idle.....acres....1940..	1,016,503	7,455	1,415	46,749	26,500	12,838	10,134	7,121
38	1930..	975,970	5,450	1,140	38,290	41,600	15,193	3,799	8,160
39	Increase or decrease (-), 1930-1940.....acres.....	40,533	2,005	275	8,459	-15,100	-2,355	6,335	-1,039
40	percent.....	4.2	36.8	24.1	22.1	-36.3	-15.5	166.8	-12.7
41	Land available for settlement.....acres....1940..	87,562	3,720	.....	2,000	6,640	.....	.....	.....
42	1930..	687,363	5,420	350	37,330	39,000	12,125	2,179	7,447
43	Increase or decrease (-), 1930-1940.....acres.....	-599,801	-1,700	-350	-35,330	-32,360	-12,125	-2,179	-7,447
44	percent.....	-87.3	-31.4	-100.0	-94.6	-83.0	-100.0	-100.0	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	2,500,976	32,326	6,747	375,400	58,315	18,187	28,325	16,938
46	Length of these ditches.....miles.....	4,008.3	99.6	19.1	683.5	74.5	28.7	69.1	43.0
47	Part protected by levees of an outside agency.....acres.....	1,744,338	.....	.....	375,400	.....	13,938	.....	.....
48	Land drained by open ditches and own levees.....acres.....	[3] 371,330	.....	.....	.....	.....	12,399	.....	.....
49	Length of these ditches.....miles.....	[3] 299.8	.....	.....	.....	.....	12.0	.....	.....
50	Length of these levees.....miles.....	[3] 190.5	.....	.....	.....	.....	9.0	.....	.....
51	Part protected by levees of an outside agency.....acres.....	[3] 320,777	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	18,312	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	36.0	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	34.1	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	18,312	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	[3]	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	[3]	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	[3]	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	[3]	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 273.
[2] Percent not shown when more than 1,000.
[3] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches and levees.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Clay	Coahoma	De Soto	Harrison[1]	Holmes	Humphreys	Itawamba	Lafayette	Leake
	LAND AREA										
1	Approximate land area	acres 1940	264,960	364,800	305,920	374,400	488,960	262,400	346,240	434,560	375,040
2	Drainage enterprises	number 1940	6	18	5	1	3	5	7	6	3
3	Land in enterprises	acres 1940	31,816	180,736	46,101	10,124	68,520	188,669	21,528	22,044	8,940
4		1930	25,059	168,605	45,194	12,000	81,458	179,228	19,004	22,476	9,052
5		1920	12,293	172,000	5,500	.....	25,000	158,500	9,097	18,839	(2)
6	Area of all enterprises, overlapping included	acres 1940	32,116	193,813	47,101	10,124	68,520	191,949	22,758	22,044	8,940
7	Amount of overlapping	acres 1940	300	13,077	1,000	.....	.....	3,280	1,230	.....	.....
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres 1940	11,906	138,685	32,660	2,624	20,898	80,525	16,395	14,544	5,939
9		1930	12,830	143,565	35,886	11,200	23,734	127,498	14,100	18,350	4,300
10	Increase or decrease (-), 1930-1940	acres	-924	-4,880	-3,226	-8,576	-2,836	-46,973	2,295	-3,806	1,639
11		percent	-7.2	-3.4	-9.0	-76.6	-11.9	-36.8	16.3	-20.7	38.1
12	Land undrained, unfit for any crop	acres 1940	10,420	24,075	6,636	3,500	23,800	53,744	2,529	3,645	1,480
13		1930	9,500	20,550	3,778	800	19,934	36,730	.....	2,400	3,254
14	Increase or decrease (-), 1930-1940	acres	920	3,525	2,858	2,700	3,866	17,014	2,529	1,245	-1,774
15		percent	9.7	17.2	75.6	337.5	19.4	46.3	.....	51.9	-54.5
16	Land partly drained, for partial crop	acres 1940	9,490	17,976	6,805	4,000	23,822	54,400	2,604	3,855	1,521
17		1930	2,739	4,490	5,530	.....	37,790	15,000	4,904	1,726	1,498
18	Increase or decrease (-), 1930-1940	acres	6,751	13,486	1,275	4,000	-13,968	39,400	-2,300	2,129	23
19		percent	246.5	300.4	23.0	.....	-37.0	262.7	-46.9	123.3	1.5
20	Improved land	acres 1940	19,216	145,378	36,300	2,624	21,085	81,869	16,451	16,870	3,840
21		1930	12,800	143,430	34,151	2,000	41,468	108,000	17,150	18,610	2,800
22		1920	7,236	138,171	1,650	.....	17,500	81,550	5,708	10,205	(2)
	Unimproved land:										
23	Woodland and cut-over land	acres 1940	12,600	30,968	9,801	7,500	47,435	106,800	5,077	5,174	5,100
24		1930	9,902	15,650	8,678	9,200	38,590	67,358	1,095	2,760	4,752
25		1920	5,057	33,829	3,850	.....	7,500	76,950	3,389	8,634	(2)
26	Other unimproved land	acres 1940	.....	4,390	.....	.....	.....	.....	.....	.....	.....
27		1930	2,367	9,525	2,365	800	1,400	3,870	759	1,106	1,500
28		1920	.....	.....	.....	.....	.....	.....	.....	.....	(2)
29	Land in occupied farms	acres 1940	25,537	169,293	44,277	3,000	29,013	109,000	18,920	18,403	5,361
30		1930	15,000	143,530	35,151	2,000	43,468	129,530	17,100	19,650	2,800
31	Increase or decrease (-), 1930-1940	acres	10,537	25,763	9,126	1,000	-14,455	-20,530	1,820	-1,247	2,561
32		percent	70.2	17.9	26.0	50.0	-33.2	-15.8	10.6	-6.3	91.5
33	Land in planted crops	acres 1940	11,706	125,142	34,900	2,000	20,000	75,200	13,200	13,350	3,700
34		1930	9,000	141,430	34,151	2,000	40,768	98,000	17,050	15,000	2,800
35	Increase or decrease (-), 1930-1940	acres	2,706	-16,288	749	.....	-20,768	-22,800	-3,850	-1,650	900
36		percent	30.1	-11.5	2.2	.....	-50.9	-23.3	-22.6	-11.0	32.1
37	Land idle	acres 1940	13,937	33,159	9,989	7,500	47,463	106,800	6,530	6,133	5,100
38		1930	8,250	23,690	10,921	10,000	40,668	74,428	1,625	5,723	4,298
39	Increase or decrease (-), 1930-1940	acres	5,687	9,469	-932	-2,500	6,795	32,372	4,905	410	802
40		percent	68.9	40.0	-8.5	-25.0	16.7	43.5	301.8	7.2	18.6
41	Land available for settlement	acres 1940	.....	.....	.....	.....	4,000	17,640	400	.....	1,000
42		1930	5,900	4,240	8,721	9,200	37,968	40,698	615	.....	2,300
43	Increase or decrease (-), 1930-1940	acres	-5,900	-4,240	-8,721	-9,200	-33,968	-23,058	-215	.....	-1,300
44		percent	-100.0	-100.0	-100.0	-100.0	-89.5	-56.6	-35.0	.....	-56.5
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres	31,816	167,823	46,101	10,124	68,520	12,560	21,528	22,044	8,940
46	Length of these ditches	miles	46.4	274.0	83.3	17.0	28.5	19.0	59.4	56.6	13.3
47	Part protected by levees of an outside agency	acres	.....	166,933	31,664	.....	68,520	12,560	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	176,109	.....	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	119.0	.....	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	27.0	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	176,109	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	12,913	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles	.....	20.0	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles	.....	5.0	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres	.....	12,913	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Lee	Leflore	Marshall	Monroe	Montgomery	Neshoba	Newton	Oktibbeha
	LAND AREA									
1	Approximate land area	acres 1940	291,200	376,320	454,400	492,160	257,920	363,520	371,200	290,560
2	Drainage enterprises	number 1940	18	11	5	6	3	4	3	3
3	Land in enterprises	acres 1940	47,156	82,192	30,435	9,598	9,638	21,633	13,490	14,596
4		1930	58,159	77,102	28,165	7,997	12,817	18,100	20,182	11,038
5		1920	49,234	34,007	8,740	6,262	(1)	11,418	.....	12,150
6	Area of all enterprises, overlapping included	acres 1940	51,126	92,362	30,955	10,750	9,638	21,633	13,490	14,716
7	Amount of overlapping	acres 1940	3,970	10,170	520	1,152	.....	.....	.....	120
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	36,803	39,353	18,630	7,040	2,030	5,977	8,320	10,908
9		1930	51,627	62,815	20,815	7,782	10,500	18,100	10,057	10,038
10	Increase or decrease (-), 1930-1940	acres	-14,824	-23,462	-2,185	-742	-8,470	-12,123	-1,737	870
11		percent	-28.7	-37.4	-10.5	-9.5	-80.7	-67.0	-17.3	8.7
12	Land undrained, unfit for any crop	acres 1940	4,769	21,090	5,500	1,225	3,800	7,708	2,651	1,788
13		1930	1,750	7,460	3,230	145	500	.....	4,217	.....
14	Increase or decrease (-), 1930-1940	acres	3,019	13,630	2,270	1,080	3,300	7,708	-1,566	1,788
15		percent	172.5	182.7	70.3	744.8	660.0	.....	-37.1	.....
16	Land partly drained, for partial crop	acres 1940	5,584	21,749	6,305	1,333	3,808	7,948	2,519	1,900
17		1930	4,782	6,827	4,120	70	1,817	.....	5,908	1,000
18	Increase or decrease (-), 1930-1940	acres	802	14,922	2,185	1,263	1,991	7,948	-3,389	900
19		percent	16.8	218.6	53.0	(2)	109.6	.....	-57.4	90.0
20	Improved land	acres 1940	43,710	39,231	21,630	8,541	5,600	7,412	7,977	11,265
21		1930	48,554	54,713	19,185	7,547	5,900	6,100	9,157	7,038
22		1920	44,989	24,383	2,185	5,572	(1)	400	.....	5,798
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	3,386	42,961	8,740	1,057	4,038	14,221	4,639	3,331
24		1930	4,123	16,262	7,860	400	6,917	3,500	9,060	4,000
25		1920	4,245	9,624	6,555	690	(1)	11,018	.....	4,282
26	Other unimproved land	acres 1940	60	.....	65	.....	.....	.....	874	.....
27		1930	5,480	6,126	1,120	50	.....	8,500	1,965	.....
28		1920	.....	.....	.....	.....	(1)	.....	.....	2,070
29	Land in occupied farms	acres 1940	46,755	48,139	23,510	9,423	6,300	10,700	11,368	14,265
30		1930	50,354	71,870	19,415	7,647	5,900	6,100	8,000	7,038
31	Increase or decrease (-), 1930-1940	acres	-3,599	-23,731	4,095	1,776	400	4,600	3,368	7,227
32		percent	-7.1	-33.0	21.1	23.2	6.8	75.4	42.1	102.7
33	Land in planted crops	acres 1940	30,877	36,892	16,800	6,540	1,800	5,400	7,477	9,893
34		1930	48,304	53,355	17,440	6,275	5,600	6,100	7,000	7,038
35	Increase or decrease (-), 1930-1940	acres	-17,427	-16,463	-640	265	-3,800	-700	477	2,855
36		percent	-36.1	-30.9	-3.7	4.2	-67.8	-11.5	6.8	40.6
37	Land idle	acres 1940	9,295	39,844	10,280	1,660	5,850	14,221	5,513	3,238
38		1930	6,119	20,729	10,150	450	6,617	10,300	8,525	1,000
39	Increase or decrease (-), 1930-1940	acres	3,176	19,115	130	1,210	-767	3,921	-3,012	2,238
40		percent	51.9	92.2	1.3	268.9	-11.6	38.1	-35.3	223.8
41	Land available for settlement	acres 1940	2,600	160	.....	175	.....	3,000	200	.....
42		1930	3,502	2,878	2,500	275	6,417	11,000	6,525	4,000
43	Increase or decrease (-), 1930-1940	acres	-902	-2,718	-2,500	-100	-6,417	-8,000	-8,325	-4,000
44		percent	-25.8	-94.4	-100.0	-36.4	-100.0	-72.7	-97.6	-100.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	47,156	73,233	30,435	9,598	9,638	21,633	13,490	14,596
46	Length of these ditches	miles	120.7	117.5	48.2	25.4	26.0	46.7	36.4	28.4
47	Part protected by levees of an outside agency	acres	.....	73,233	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	8,959	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles	.....	1.3	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles	.....	8.0	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	8,959	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Panola	Pontotoc	Prentiss	Quitman	Sharkey	Sunflower	Talla-hatchie	Tate	Tippah
	LAND AREA									
1	Approximate land area.....acres....1940..	450,560	320,640	267,520	263,680	279,040	443,520	412,160	263,040	296,960
2	Drainage enterprises.....number...1940..	10	7	18	17	5	14	12	6	14
3	Land in enterprises.....acres....1940..	89,240	19,210	23,653	182,060	103,652	133,579	194,385	61,758	15,031
4	1930..	115,421	19,870	23,822	177,519	129,805	142,425	168,751	36,589	14,275
5	1920..	19,934	17,109	18,844	72,647	.....	90,460	26,300	34,030	12,537
6	Area of all enterprises, overlapping included.....acres....1940..	93,769	19,871	23,653	184,340	103,652	133,579	206,840	66,118	17,415
7	Amount of overlapping.....acres....1940..	4,529	661	.....	2,280	.....	.....	12,455	4,360	2,384
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	63,570	17,059	16,923	111,047	54,478	98,157	115,975	54,100	10,132
9	1930..	77,290	16,506	22,399	139,890	115,718	118,318	134,410	28,460	10,510
10	Increase or decrease (-), 1930-1940.....acres.....	-13,720	553	-5,476	-28,843	-61,240	-20,161	-18,435	25,640	-478
11	percent.....	-17.8	3.4	-24.4	-20.6	-52.9	-17.0	-13.7	90.1	-4.5
12	Land undrained, unfit for any crop.....acres....1940..	12,582	1,001	3,378	34,180	24,574	17,524	38,369	3,700	2,952
13	1930..	23,531	.....	100	25,999	2,587	11,010	15,742	5,400	1,000
14	Increase or decrease (-), 1930-1940.....acres.....	-10,949	1,001	3,278	8,181	21,987	6,514	22,627	-1,700	1,952
15	percent.....	-46.5	.....	(1)	31.5	849.9	59.2	143.7	-31.5	195.2
16	Land partly drained, for partial crop.....acres....1940..	13,088	1,150	3,352	36,833	24,600	17,898	40,041	3,958	1,947
17	1930..	14,600	3,364	1,323	11,630	11,500	13,097	18,599	2,729	2,665
18	Increase or decrease (-), 1930-1940.....acres.....	-1,512	-2,214	2,029	25,203	13,100	4,801	21,442	1,229	-718
19	percent.....	-10.4	-65.8	153.4	216.7	113.9	36.6	115.3	45.0	-26.9
20	Improved land.....acres....1940..	57,210	17,595	18,402	110,147	50,583	99,824	108,968	53,800	12,423
21	1930..	62,600	16,700	20,558	78,021	73,600	105,395	95,095	25,960	11,041
22	1920..	11,820	13,576	10,144	30,284	.....	55,449	11,700	15,721	9,036
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	32,030	1,615	5,251	71,334	53,069	33,755	85,417	7,958	2,090
24	1930..	41,090	1,385	2,023	92,054	56,205	30,664	63,345	7,400	1,589
25	1920..	8,114	3,533	8,700	41,790	.....	35,011	9,600	15,063	3,501
26	Other unimproved land.....acres....1940..	.....	.....	.....	579	.....	.....	.....	.....	518
27	1930..	11,731	1,785	1,241	7,444	.....	6,366	10,311	3,229	1,645
28	1920..	.....	.....	.....	573	.....	.....	5,000	3,246	.....
29	Land in occupied farms.....acres....1940..	65,240	19,210	21,625	132,149	69,589	116,265	130,740	59,701	14,517
30	1930..	72,590	17,300	21,039	121,910	71,400	115,102	118,640	25,960	11,667
31	Increase or decrease (-), 1930-1940.....acres.....	-7,350	1,910	586	10,239	-1,811	1,163	12,100	33,741	2,850
32	percent.....	-10.1	11.0	2.8	8.4	-2.5	1.0	10.2	130.0	24.4
33	Land in planted crops.....acres....1940..	52,700	15,821	13,700	102,256	45,500	95,085	101,961	49,400	10,290
34	1930..	56,800	16,300	20,446	74,911	69,400	97,495	94,811	25,960	11,041
35	Increase or decrease (-), 1930-1940.....acres.....	-4,100	-479	-6,746	27,345	-23,900	-2,410	7,150	23,440	-751
36	percent.....	-7.2	-2.9	-33.0	36.5	-34.4	-2.5	7.5	90.3	-6.8
37	Land idle.....acres....1940..	32,371	1,996	7,905	70,560	53,229	33,940	86,370	8,122	2,788
38	1930..	47,921	1,970	2,210	68,857	50,605	26,043	62,599	9,629	1,360
39	Increase or decrease (-), 1930-1940.....acres.....	-15,550	26	5,695	1,703	2,624	7,897	23,771	-1,507	1,428
40	percent.....	-32.4	1.3	257.7	2.5	5.2	30.3	38.0	-15.6	105.0
41	Land available for settlement.....acres....1940..	4,000	.....	.....	.....	11,240	.....	.....	400	392
42	1930..	31,200	1,175	957	40,500	52,318	17,773	39,280	8,729	595
43	Increase or decrease (-), 1930-1940.....acres.....	-27,200	-1,175	-957	-40,500	-41,378	-17,773	-39,280	-8,329	-203
44	percent.....	-87.2	-100.0	-100.0	-100.0	-78.6	-100.0	-100.0	-95.4	-34.1
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	52,959	19,210	23,653	148,860	103,652	133,579	150,802	61,758	15,031
46	Length of these ditches.....miles.....	71.2	60.3	100.0	224.2	145.0	190.0	144.4	112.1	89.1
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	148,860	103,652	133,579	131,707	.....	.....
48	Land drained by open ditches and own levees.....acres.....	36,281	.....	.....	33,200	.....	.....	39,365	.....	.....
49	Length of these ditches.....miles.....	48.0	.....	.....	29.0	.....	.....	56.0	.....	.....
50	Length of these levees.....miles.....	25.0	.....	.....	22.0	.....	.....	46.0	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	33,200	.....	.....	37,492	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	4,218	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	7.0	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	18.0	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	4,218	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Tishomingo	Tunica	Union	Washington	Webster	Yalobusha	Yazoo	Other counties[1]
	LAND AREA								
1	Approximate land area.....acres....1940..	288,640	293,120	270,080	465,920	266,240	322,560	600,320	2,878,720
2	Drainage enterprises.....number...1940..	4	6	11	13	4	5	5	12
3	Land in enterprises.....acres....1940..	10,647	66,962	29,798	376,131	10,405	17,449	91,897	108,908
4	1930..	10,217	96,455	35,867	402,149	9,640	18,719	100,856	90,737
5	1920..	(2)	18,960	29,919	358,140	4,950	14,900	25,500	43,150
6	Area of all enterprises, overlapping included.....acres....1940..	10,647	67,084	32,969	407,389	10,405	17,599	105,657	124,321
7	Amount of overlapping.....acres....1940..	.....	122	3,171	31,258	.....	150	13,760	15,413
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	9,517	51,220	19,500	234,618	5,273	13,845	45,397	36,080
9	1930..	9,917	62,277	28,861	393,207	8,531	15,110	81,356	47,110
10	Increase or decrease (-), 1930-1940.....acres.....	-400	-11,057	-9,361	-158,589	-3,258	-1,265	-35,959	-11,030
11	percent.....	-4.0	-17.8	-32.4	-40.3	-38.2	-8.4	-44.2	-23.4
12	Land undrained, unfit for any crop.....acres....1940..	565	7,710	5,135	70,668	2,702	1,790	23,200	36,019
13	1930..	.....	16,216	750	.....	700	1,900	17,000	34,399
14	Increase or decrease (-), 1930-1940.....acres.....	565	-8,506	4,385	70,668	2,002	-110	6,200	1,620
15	percent.....	.....	-52.4	584.7	.....	286.0	-5.8	36.5	4.7
16	Land partly drained, for partial crop.....acres....1940..	565	8,032	5,163	70,845	2,430	1,814	23,300	36,809
17	1930..	300	17,962	6,256	8,942	409	1,709	2,500	9,228
18	Increase or decrease (-), 1930-1940.....acres.....	265	-9,930	-1,093	61,903	2,021	105	20,800	27,581
19	percent.....	88.3	-55.3	-17.5	692.3	494.1	6.1	832.0	298.9
20	Improved land.....acres....1940..	9,484	55,680	26,900	241,236	5,743	12,660	48,561	34,226
21	1930..	7,717	62,192	28,466	264,792	6,350	13,350	41,608	27,310
22	1920..	(2)	3,161	15,805	198,909	2,618	6,720	14,100	11,344
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	1,143	11,282	2,691	134,895	4,662	4,789	43,336	73,079
24	1930..	2,000	23,059	5,745	137,357	2,578	3,740	46,857	57,927
25	1920..	(2)	15,799	14,114	159,231	2,332	8,180	11,400	31,806
26	Other unimproved land.....acres....1940..	20	.....	207	.....	.....	.....	.....	1,603
27	1930..	500	11,204	1,656	.....	712	1,629	12,391	5,500
28	1920..	(2)	.....	.....	.....	.....	.....	.....	.....
29	Land in occupied farms.....acres....1940..	10,122	62,429	29,391	274,795	7,460	15,934	58,000	37,256
30	1930..	7,617	65,692	29,928	220,560	6,350	16,296	70,897	25,990
31	Increase or decrease (-), 1930-1940.....acres.....	2,505	-3,263	-537	54,235	1,110	-362	-12,897	11,266
32	percent.....	32.9	-5.0	-1.8	24.6	17.5	-2.2	-18.2	43.3
33	Land in planted crops.....acres....1940..	8,699	51,980	18,764	210,362	4,500	11,800	39,800	25,200
34	1930..	7,617	62,192	27,756	190,400	4,850	13,250	38,608	23,090
35	Increase or decrease (-), 1930-1940.....acres.....	1,082	-10,212	-8,992	19,962	-350	-1,450	1,192	2,110
36	percent.....	14.2	-16.4	-32.4	10.5	-7.2	-10.9	3.1	9.1
37	Land idle.....acres....1940..	1,069	11,362	7,155	134,911	4,800	4,875	43,336	72,990
38	1930..	2,300	32,963	5,820	194,712	4,421	5,259	46,789	55,387
39	Increase or decrease (-), 1930-1940.....acres.....	-1,231	-21,601	1,335	-59,801	379	-384	-3,453	17,603
40	percent.....	-53.5	-65.5	22.9	-30.7	8.6	-7.3	-7.4	31.8
41	Land available for settlement.....acres....1940..	.....	.....	.....	13,995	.....	.....	7,000	9,000
42	1930..	1,000	15,347	1,520	175,469	2,612	1,769	18,789	25,440
43	Increase or decrease (-), 1930-1940.....acres.....	-1,000	-15,347	-1,520	-161,474	-2,612	-1,769	-11,789	-16,440
44	percent.....	-100.0	-100.0	-100.0	-92.0	-100.0	-100.0	-62.7	-64.6
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	10,647	66,962	29,798	374,950	10,405	17,449	26,880	108,908
46	Length of these ditches.....miles.....	35.7	100.1	86.2	392.6	17.5	33.6	32.0	110.0
47	Part protected by levees of an outside agency.....acres.....	.....	66,962	.....	374,950	.....	.....	26,880	15,500
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	[3] 65,017	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	[3] 34.5	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	[3] 53.5	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	[3] 65,017	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	1,181	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	9.0	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	11.1	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	1,181	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	(3)	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	(3)	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	(3)	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	(3)	.....

[1] Includes Adams, Attala, Franklin, Grenada, Issaquena, Scott, Wilkinson, and Winston Counties in 1940; Adams, Attala, Grenada, Issaquena, Lowndes, Scott, and Winston Counties in 1930; and Adams, Attala, Leake, Montgomery, Tishomingo, and Winston Counties in 1920.

[2] Included in "Other counties."

[3] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches and levees.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)		THE STATE	Alcorn	Benton	Bolivar	Calhoun	Carroll	Chickasaw	Choctaw
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	[1] 343	14	3	27	6	6	11	6
	Open ditches:									
2	Completed	miles 1940	4,344.1	99.6	19.1	683.5	74.5	40.7	69.1	43.0
3		1930	4,022.1	90.8	17.5	502.4	102.0	14.1	67.5	53.0
4		1920	1,815.1	66.2	8.5	139.7	31.0	9.8	54.5	40.6
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	34.1	.....	.....	.....	.....	.....	.....	.....
7		1930	43.5	.....	.....	3.5	.....	.....	.....	.....
8		1920	238.8	.....	.....	80.0	.....	.....	.....	.....
9	Additional length authorized	miles 1940	4.0	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	190.5	.....	.....	.....	.....	9.0	.....	.....
11		1930	227.7	.....	.....	.....	.....	11.0	.....	.....
12		1920	6.7	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	[2]	.....	.....	.....	.....	.....	.....	.....
15		1930	370	.....	.....	.....	.....	.....	.....	.....
16		1920	250	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	[2]	.....	.....	.....	.....	.....	.....	.....
18		1930	103,000	.....	.....	.....	.....	.....	.....	.....
19		1920	78,000	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	[2]	.....	.....	.....	.....	.....	.....	.....
21		1930	8,040	.....	.....	.....	.....	.....	.....	.....
22		1920	4,000	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	23,259,677	189,065	50,961	3,527,310	381,512	215,896	145,250	145,464
26		1930	23,601,443	193,062	52,464	3,554,856	390,000	194,200	216,500	183,700
27		1920	7,076,164	131,220	23,500	843,473	148,000	32,000	214,500	100,209
28	Estimated cost when completed	dollars 1940	23,261,777	189,065	50,961	3,527,310	381,512	215,896	145,250	145,464
29		1930	23,902,443	193,062	52,464	3,554,856	390,000	194,200	216,500	183,700
30		1920	8,561,264	131,220	23,500	1,022,473	148,000	32,000	214,500	100,209
31	Average cost per acre when completed	dollars 1940	8.05	5.85	7.55	9.40	6.54	7.06	5.13	8.59
32		1930	8.00	5.87	7.00	9.50	3.66	6.18	7.77	9.51
33		1920	5.35	4.88	5.88	5.53	4.96	3.90	9.65	6.69
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	19,919,168	189,065	50,961	3,527,310	381,512	136,412	145,250	145,464
35	Average amount per acre	dollars	7.96	5.85	7.55	9.40	6.54	7.50	5.13	8.59
36	Enterprises having open ditches and levees	dollars	[3] 3,266,479	.....	.....	.....	.....	79,484	.....	.....
37	Average amount per acre	dollars	[3] 8.80	.....	.....	.....	.....	6.41	.....	.....
38	Enterprises having tile only	dollars	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	76,130	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars	4.16	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars	[3]	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	[3]	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	[3]	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	[3]	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	[3]	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	[3] 112,370	1,947	.....	39,273	[4]	.....	.....	250
53	Enterprises reporting	number	68	8	.....	25	2	.....	.....	3
54	Land in these enterprises	acres	[3] 999,463	28,669	.....	339,192	[4]	.....	.....	7,215
55	Average cost per acre	dollars	[3] 0.11	0.07	.....	0.12	[4]	.....	.....	0.03
	Federal aid in maintenance:									
56	Enterprises reporting	number	26	.....	.....	.....	.....	.....	2	.....
57	Land in these enterprises	acres	199,381	.....	.....	.....	.....	.....	[4]	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	856,921	6,340	[4]	199,828	18,154	8,636	3,898	833
59	Enterprises reporting	number	239	10	2	26	5	4	8	5
60	Land in these enterprises	acres	2,424,052	29,590	[4]	353,400	48,435	22,709	22,364	10,936
61	Average amount collected per acre	dollars	0.35	0.21	[4]	0.56	0.37	0.38	0.17	0.08
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	159,062	3,076	[4]	6,109	3,850	[4]	[4]	[4]
63	Enterprises reporting	number	82	8	1	9	4	1	2	2
64	Land in these enterprises	acres	740,140	8,560	[4]	135,900	40,094	[4]	[4]	[4]
65	Portion delinquent in these enterprises	percent	21.5	35.9	[4]	4.5	9.6	[4]	[4]	[4]
66	Total indebtedness, Dec. 31, 1939	dollars	6,688,362	40,880	[4]	1,309,630	106,825	91,432	25,700	24,990
67	Enterprises reporting	number	233	9	2	26	5	4	6	3
68	Land in these enterprises	acres	2,171,929	8,826	[4]	353,400	48,435	22,709	16,209	9,723
69	Average indebtedness per acre	dollars	3.08	4.63	[4]	3.70	2.20	4.03	1.58	2.57
70	Indebtedness in arrears, Dec. 31, 1939	dollars	408,979	16,314	[4]	.....	21,000	[4]	4,280	21,880
71	Enterprises reporting	number	69	8	1	.....	4	1	4	3
72	Land in these enterprises	acres	282,180	8,560	[4]	.....	40,094	[4]	14,105	9,723
73	Average arrearage per acre	dollars	1.45	1.90	[4]	.....	0.52	[4]	0.30	2.25
74	Reduction of debt by refinancing, prior to 1940	dollars	5,505,240	.....	.....	183,226	.....	[4]	.....	[4]
75	Enterprises reporting	number	81	.....	.....	15	.....	1	.....	1
76	Land in these enterprises	acres	1,608,240	.....	.....	235,072	.....	[4]	.....	[4]
77	Average reduction per acre	dollars	3.42	.....	.....	0.78	.....	[4]	.....	[4]

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 273.
[2] Where there are less than 3 enterprises reporting, data are not shown.
[3] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches and levees.
[4] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1, p. 288.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Clay	Coahoma	De Soto	Harrison[1]	Holmes	Humphreys	Itawamba	Lafayette	Leake
	DRAINAGE WORKS										
1	Drainage enterprises	number	1940	6	18	5	1	3	5	7	6	3
	Open ditches:											
2	Completed	miles	1940	46.4	294.0	83.3	17.0	28.5	138.0	59.4	56.6	13.3
3			1930	38.0	206.3	55.0	11.0	28.5	208.0	56.0	42.0	13.0
4			1920	20.5	213.8	14.0	.....	8.0	130.6	18.0	19.0	(2)
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed	miles	1940	.....	5.0	.....	.....	.....	.....	.....	.....	.....
7			1930	.....	20.0	.....	.....	.....	.....	.....	.....	.....
8			1920	.....	150.2	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	.....	.....	.....	.....	.....	27.0	.....	.....	.....
11			1930	.....	.....	.....	.....	5.0	24.2	.....	.....	.....
12			1920	.....	.....	.....	.....	.....	3.6	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	208,300	1,086,312	534,550	56,000	428,351	1,251,882	184,363	237,015	134,000
26			1930	220,500	1,060,340	226,969	56,000	435,000	841,208	185,797	233,795	124,000
27			1920	62,500	899,622	12,000	.....	50,000	528,000	68,732	162,676	(2)
28	Estimated cost when completed	dollars	1940	208,300	1,086,312	534,550	56,000	428,351	1,251,882	184,363	237,015	134,000
29			1930	220,500	1,185,340	226,969	56,000	435,000	854,708	185,797	233,795	124,000
30			1920	62,500	985,822	12,000	.....	110,000	528,000	68,732	176,076	(2)
31	Average cost per acre when completed	dollars	1940	6.55	6.01	11.60	5.53	6.25	6.64	8.56	10.75	14.99
32			1930	8.80	7.03	5.02	4.67	5.34	4.77	9.78	10.40	13.70
33			1920	5.08	5.73	2.18	.....	4.40	3.33	7.56	9.35	(2)
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		208,300	1,072,312	534,550	56,000	428,351	67,267	184,363	237,015	134,000
35	Average amount per acre	dollars		6.55	6.39	11.60	5.53	6.25	5.36	8.56	10.75	14.99
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	1,184,615	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	6.73	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	14,000	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	1.08	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		.....	(3)	.....	.....	.....	.....	.....	.....	(3)
53	Enterprises reporting	number		.....	1	.....	.....	.....	.....	.....	.....	1
54	Land in these enterprises	acres		.....	(3)	.....	.....	.....	.....	.....	.....	(3)
55	Average cost per acre	dollars		.....	(3)	.....	.....	.....	.....	.....	.....	(3)
	Federal aid in maintenance:											
56	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	6	.....	.....
57	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	20,248	.....	.....
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		4,621	54,561	15,250	2,953	17,040	23,442	5,898	8,986	6,449
59	Enterprises reporting	number		5	13	3	1	3	4	3	4	3
60	Land in these enterprises	acres		24,240	116,042	34,629	10,124	68,520	101,325	7,972	19,151	8,940
61	Average amount collected per acre	dollars		0.19	0.47	0.44	0.29	0.25	0.23	0.74	0.47	0.72
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		(3)	.....	.....	1,200	4,832	(3)	(3)	8,111	.....
63	Enterprises reporting	number		2	.....	.....	1	3	1	2	4	.....
64	Land in these enterprises	acres		(3)	.....	.....	10,124	68,520	(3)	(3)	19,151	.....
65	Portion delinquent in these enterprises	percent		(3)	.....	.....	11.8	7.0	(3)	(3)	42.4	.....
66	Total indebtedness, Dec. 31, 1939	dollars		71,400	175,951	198,600	28,000	129,343	296,443	48,750	54,525	49,143
67	Enterprises reporting	number		5	12	4	1	3	5	5	4	3
68	Land in these enterprises	acres		24,240	99,658	40,789	10,124	68,520	188,669	13,852	19,151	8,940
69	Average indebtedness per acre	dollars		2.94	1.76	4.87	2.76	1.89	1.57	3.52	2.85	5.50
70	Indebtedness in arrears, Dec. 31, 1939	dollars		(3)	(3)	.....	4,000	(3)	.....	8,390	25,757	.....
71	Enterprises reporting	number		2	2	.....	1	2	.....	3	4	.....
72	Land in these enterprises	acres		(3)	(3)	.....	10,124	(3)	.....	8,264	19,151	.....
73	Average arrearage per acre	dollars		(3)	(3)	.....	0.40	(3)	.....	1.02	1.34	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		(3)	.....	(3)	.....	(3)	478,534	.....	.....	(3)
75	Enterprises reporting	number		2	.....	1	.....	1	4	.....	.....	2
76	Land in these enterprises	acres		(3)	.....	(3)	.....	(3)	185,269	.....	.....	(3)
77	Average reduction per acre	dollars		(3)	.....	(3)	.....	(3)	2.58	.....	.....	(3)

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Lee	Leflore	Marshall	Monroe	Montgomery	Neshoba	Newton	Oktibbeha
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	18	11	5	6	3	4	3	3
	Open ditches:								
2	Completed.....miles.....1940..	120.7	118.8	48.2	25.4	26.0	46.7	36.4	28.4
3	1930..	130.0	103.8	49.5	16.5	17.5	43.5	42.0	17.0
4	1920..	92.6	43.0	9.5	17.0	(1)	9.9	.....	23.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	8.0	.....	.....	.....	.....	.....	.....
11	1930..	.....	14.5	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	408,185	611,347	224,000	90,045	80,028	270,200	103,566	85,000
26	1930..	438,579	592,370	244,785	66,000	68,000	241,000	132,000	85,000
27	1920..	276,644	139,380	61,040	43,500	(1)	95,000	.....	60,000
28	Estimated cost when completed.....dollars.....1940..	408,185	611,347	224,000	90,045	80,028	270,200	103,566	85,000
29	1930..	438,579	602,370	245,785	66,000	68,000	241,000	132,000	85,000
30	1920..	276,644	139,380	76,240	43,500	(1)	180,000	.....	60,000
31	Average cost per acre when completed.....dollars.....1940..	8.66	7.44	7.36	9.38	8.30	12.49	7.68	5.82
32	1930..	7.54	7.81	8.73	8.25	5.31	13.31	6.54	7.70
33	1920..	5.62	4.10	8.72	6.95	(1)	15.76	.....	4.94
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	408,185	564,547	224,000	90,045	80,028	270,200	103,566	85,000
35	Average amount per acre.....dollars..	8.66	7.71	7.36	9.38	8.30	12.49	7.68	5.82
36	Enterprises having open ditches and levees.....dollars..	.....	46,800	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	5.22	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	(2)	.....	.....	.....	.....	.....	(2)
53	Enterprises reporting.....number...	.....	2	.....	.....	.....	.....	.....	1
54	Land in these enterprises.....acres....	.....	(2)	.....	.....	.....	.....	.....	(2)
55	Average cost per acre.....dollars..	.....	(2)	.....	.....	.....	.....	.....	(2)
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	4	1	.....	2	.....	.....	.....	.....
57	Land in these enterprises.....acres....	18,732	(2)	.....	(2)	.....	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	4,039	28,933	14,476	1,784	.....	(2)	2,767	(2)
59	Enterprises reporting.....number...	5	11	5	4	.....	2	3	2
60	Land in these enterprises.....acres....	9,490	82,192	30,435	3,435	.....	(2)	13,490	(2)
61	Average amount collected per acre.....dollars..	0.42	0.35	0.48	0.52	.....	(2)	0.20	(2)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	1,919	(2)	(2)	(2)	(2)	21,152	6,250	.....
63	Enterprises reporting.....number...	4	2	1	1	1	4	3	.....
64	Land in these enterprises.....acres....	8,446	(2)	(2)	(2)	(2)	21,633	13,490	.....
65	Portion delinquent in these enterprises.....percent..	22.7	(2)	(2)	(2)	(2)	97.8	46.3	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	6,092	204,662	136,900	8,848	(2)	94,000	50,600	(2)
67	Enterprises reporting.....number...	4	9	5	5	1	4	3	1
68	Land in these enterprises.....acres....	4,751	67,461	30,435	3,475	(2)	21,633	13,490	(2)
69	Average indebtedness per acre.....dollars..	1.28	3.03	4.50	2.55	(2)	4.34	3.75	(2)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(2)	(2)	(2)	(2)	(2)	70,500	14,500	.....
71	Enterprises reporting.....number...	2	1	1	2	1	4	3	.....
72	Land in these enterprises.....acres....	(2)	(2)	(2)	(2)	(2)	21,633	13,490	.....
73	Average arrearage per acre.....dollars..	(2)	(2)	(2)	(2)	(2)	3.26	1.07	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	57,202	.....	.....	(2)	.....	.....	(2)
75	Enterprises reporting.....number...	.....	4	.....	.....	1	.....	.....	1
76	Land in these enterprises.....acres....	.....	35,494	.....	.....	(2)	.....	.....	(2)
77	Average reduction per acre.....dollars..	.....	1.61	.....	.....	(2)	.....	.....	(2)

[1] Included in "Other counties." [2] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1, p. 288.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Panola	Pontotoc	Prentiss	Quitman	Sharkey	Sunflower	Tallahatchie	Tate	Tippah
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	10	7	18	17	5	14	12	6	14
	Open ditches:									
2	Completed.....miles.....1940..	119.2	60.3	100.0	253.2	145.0	190.0	207.4	112.1	89.1
3	1930..	80.0	54.0	80.4	169.8	185.5	161.5	137.0	42.5	50.2
4	1920..	23.0	45.5	52.5	61.7	.....	110.0	4.9	47.2	57.0
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	18.0	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	20.0	.....	.....
8	1920..	.....	.....	.....	2.0	.....	.....	6.6	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	25.0	.....	.....	22.0	.....	.....	46.0	.....	.....
11	1930..	14.0	.....	1.0	80.5	.....	.....	15.5	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	1,066,560	155,061	168,250	2,057,645	1,047,030	735,301	1,429,562	303,936	172,217
26	1930..	1,390,029	150,707	214,924	2,286,772	1,129,306	696,591	1,549,415	213,750	156,768
27	1920..	73,375	122,582	134,919	150,012	.....	490,056	45,300	169,000	99,476
28	Estimated cost when completed.....dollars.....1940..	1,066,560	155,061	168,250	2,057,645	1,047,030	735,301	1,429,562	303,936	172,217
29	1930..	1,390,029	150,707	214,924	2,286,772	1,129,306	696,591	1,549,415	213,750	156,768
30	1920..	130,375	122,582	134,919	380,012	.....	490,056	94,300	184,000	99,476
31	Average cost per acre when completed.....dollars.....1940..	11.95	8.07	7.11	11.30	10.10	5.50	7.35	4.92	11.46
32	1930..	12.04	7.58	9.02	12.88	8.70	4.89	9.18	5.84	10.98
33	1920..	6.54	7.16	7.16	5.23	.....	5.42	3.59	5.41	7.93
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	424,390	155,061	168,250	1,706,435	1,047,030	735,301	982,562	303,936	172,217
35	Average amount per acre.....dollars..	8.01	8.07	7.11	11.46	10.10	5.50	6.52	4.92	11.46
36	Enterprises having open ditches and levees.....dollars..	642,170	.....	.....	351,210	.....	.....	397,000	.....	.....
37	Average amount per acre.....dollars..	17.70	.....	.....	10.58	.....	.....	10.08	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	50,000	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	11.85	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	5,312	(1)	.....	(1)	(1)
53	Enterprises reporting.....number...	.....	.....	.....	.....	3	2	.....	2	1
54	Land in these enterprises.....acres....	.....	.....	.....	.....	81,338	(1)	.....	(1)	(1)
55	Average cost per acre.....dollars..	.....	.....	.....	.....	0.06	(1)	.....	(1)	(1)
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	1	.....	3	1	.....	.....	1	.....	.....
57	Land in these enterprises.....acres....	(1)	.....	6,367	(1)	.....	.....	(1)	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	33,880	(1)	.....	59,606	36,808	35,283	54,419	12,829	2,386
59	Enterprises reporting.....number...	10	2	.....	15	5	13	10	6	8
60	Land in these enterprises.....acres....	89,240	(1)	.....	169,547	103,652	126,351	176,974	61,758	5,896
61	Average amount collected per acre.....dollars..	0.38	(1)	.....	0.35	0.36	0.28	0.31	0.21	0.40
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	(1)	(1)	(1)	5,470	.....	16,880	.....	3,478
63	Enterprises reporting.....number...	.....	1	1	1	3	.....	3	.....	8
64	Land in these enterprises.....acres....	.....	(1)	(1)	(1)	60,172	.....	62,733	.....	5,896
65	Portion delinquent in these enterprises.....percent..	.....	(1)	(1)	(1)	9.1	.....	26.9	.....	59.0
66	Total indebtedness, Dec. 31, 1939.....dollars..	235,510	19,732	(1)	339,286	428,700	225,798	541,140	74,820	57,246
67	Enterprises reporting.....number...	10	3	1	15	5	11	11	4	8
68	Land in these enterprises.....acres....	89,240	5,908	(1)	169,547	103,652	92,567	190,167	23,326	5,896
69	Average indebtedness per acre.....dollars..	2.64	3.34	(1)	2.00	4.14	2.44	2.84	3.21	9.71
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(1)	(1)	(1)	(1)	.....	.....	(1)	.....	4,950
71	Enterprises reporting.....number...	1	1	1	2	.....	.....	1	.....	7
72	Land in these enterprises.....acres....	(1)	(1)	(1)	(1)	.....	.....	(1)	.....	5,411
73	Average arrearage per acre.....dollars..	(1)	(1)	(1)	(1)	.....	.....	(1)	.....	0.91
74	Reduction of debt by refinancing, prior to 1940.....dollars..	465,100	.....	.....	1,115,862	457,350	39,891	617,572	.....	.....
75	Enterprises reporting.....number...	3	.....	.....	4	5	8	8	.....	.....
76	Land in these enterprises.....acres....	50,201	.....	.....	118,603	103,652	40,333	167,941	.....	.....
77	Average reduction per acre.....dollars..	9.26	.....	.....	9.41	4.41	0.99	3.68	.....	.....

[1] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1, p. 288.

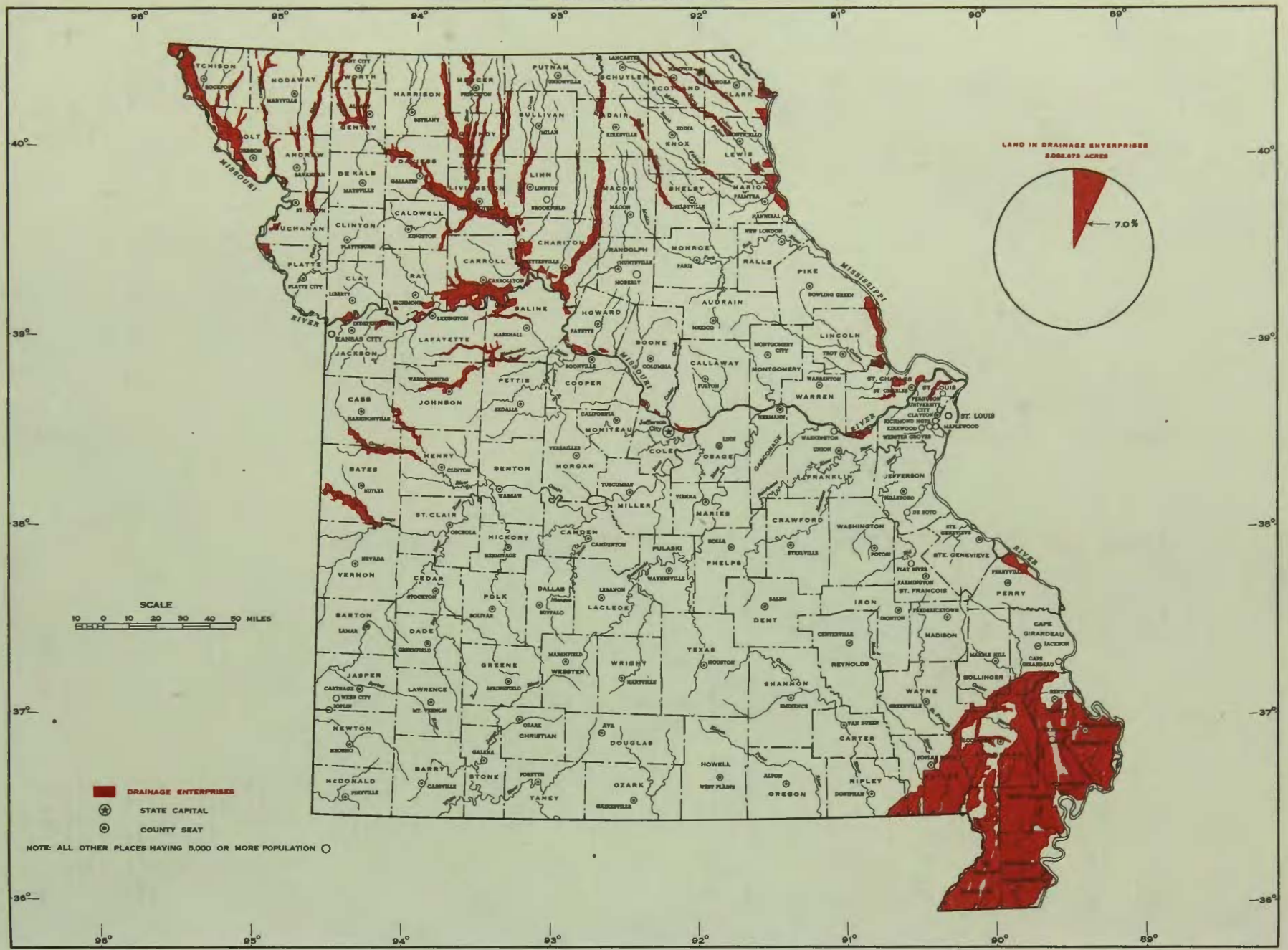
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Tishomingo	Tunica	Union	Washington	Webster	Yalobusha	Yazoo	Other counties[1]
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	4	6	11	13	4	5	5	12
	Open ditches:								
2	Completed.....miles.....1940..	35.7	100.1	86.2	401.6	17.5	33.6	66.5	110.0
3	1930..	22.0	88.5	79.9	595.7	29.0	29.5	77.4	124.3
4	1920..	(2)	6.6	72.6	292.7	10.0	14.6	5.4	42.2
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	11.1	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	4.0	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	53.5	.....
11	1930..	.....	.....	.....	14.7	.....	.....	47.0	0.3
12	1920..	.....	2.7	.....	.....	.....	.....	0.4	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	(3)	.....
15	1930..	.....	.....	.....	270	.....	.....	100	.....
16	1920..	.....	.....	.....	250	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	(3)	.....
18	1930..	.....	.....	.....	81,000	.....	.....	22,000	.....
19	1920..	.....	.....	.....	78,000	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	(3)	.....
21	1930..	.....	.....	.....	4,040	.....	.....	4,000	.....
22	1920..	.....	.....	.....	4,000	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	77,740	715,516	252,068	2,806,957	80,150	162,461	715,200	665,421
26	1930..	78,100	897,506	264,400	3,114,866	72,000	177,596	594,000	578,588
27	1920..	(2)	54,812	202,200	1,368,229	22,919	54,000	31,000	106,088
28	Estimated cost when completed.....dollars.....1940..	77,740	715,516	252,068	2,809,057	80,150	162,461	715,200	665,421
29	1930..	78,100	897,506	264,400	3,114,866	72,000	177,596	725,500	598,588
30	1920..	(2)	134,312	202,200	1,921,229	22,919	114,000	31,000	109,088
31	Average cost per acre when completed.....dollars.....1940..	7.30	10.68	8.46	7.47	2.70	9.31	7.78	6.11
32	1930..	7.64	9.30	7.37	7.75	7.47	9.49	7.19	6.60
33	1920..	(2)	7.08	6.76	5.36	4.63	7.65	1.22	2.53
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	77,740	715,516	252,068	2,796,927	80,150	162,461	150,000	665,421
35	Average amount per acre.....dollars..	7.30	10.68	8.46	7.46	7.70	9.31	5.58	6.11
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	[4] 565,200	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	[4] 8.69	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	12,130	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	10.27	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	(4)	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	(4)	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	(4)	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	1	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	(4)	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	(4)	.....
52	By enterprises not operating pumping plants.....dollars..	738	.....	.....	56,321	.....	.....	.....	1,810
53	Enterprises reporting.....number...	3	.....	.....	10	.....	.....	.....	4
54	Land in these enterprises.....acres....	10,338	.....	.....	365,212	.....	.....	.....	47,500
55	Average cost per acre.....dollars..	0.07	.....	.....	0.15	.....	.....	.....	0.04
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	4
57	Land in these enterprises.....acres....	(5)	.....	.....	.....	.....	.....	.....	46,087
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	3,929	18,842	5,121	111,634	(5)	7,973	21,516	16,252
59	Enterprises reporting.....number...	3	5	5	6	2	4	5	9
60	Land in these enterprises.....acres....	10,338	49,412	9,350	365,107	(5)	13,689	91,897	89,179
61	Average amount collected per acre.....dollars..	0.38	0.38	0.55	0.30	(5)	0.58	0.23	0.18
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(5)	.....	.....	28,285	(5)	.....	.....	13,207
63	Enterprises reporting.....number...	1	.....	.....	3	2	.....	.....	3
64	Land in these enterprises.....acres....	(5)	.....	.....	147,100	(5)	.....	.....	13,967
65	Portion delinquent in these enterprises.....percent..	(5)	.....	.....	19.2	(5)	.....	.....	94.6
66	Total indebtedness, Dec. 31, 1939.....dollars..	(5)	217,900	12,180	701,100	11,305	71,825	296,045	231,007
67	Enterprises reporting.....number...	2	5	5	4	3	4	5	8
68	Land in these enterprises.....acres....	(5)	49,412	9,350	159,613	7,445	13,689	91,897	67,886
69	Average indebtedness per acre.....dollars..	(5)	4.41	1.30	4.39	1.52	5.25	3.22	3.40
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(5)	.....	.....	.....	(5)	.....	(5)	22,700
71	Enterprises reporting.....number...	1	.....	.....	.....	2	.....	1	3
72	Land in these enterprises.....acres....	(5)	.....	.....	.....	(5)	.....	(5)	13,967
73	Average arrearage per acre.....dollars..	(5)	.....	.....	.....	(5)	.....	(5)	1.62
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(5)	192,986	.....	910,820	(5)	(5)	277,598	243,442
75	Enterprises reporting.....number...	1	3	.....	6	1	1	4	4
76	Land in these enterprises.....acres....	(5)	42,620	.....	365,107	(5)	(5)	88,137	44,285
77	Average reduction per acre.....dollars..	(5)	4.53	.....	2.49	(5)	(5)	3.15	5.50

[1] Includes Adams, Attala, Franklin, Grenada, Issaquena, Scott, Wilkinson, and Winston Counties in 1940; Adams, Attala, Grenada, Issaquena, Lowndes, Scott, and Winston Counties in 1930; and Adams, Attala, Leake, Montgomery, Tishomingo, and Winston Counties in 1920. [2] Included in "Other counties." [3] Where there are less than 3 enterprises in State, data are not shown. [4] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches and levees. [5] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1, p. 288.

MISSOURI

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	44,332,800	43,985,280	43,985,280	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	3,087,063	3,150,022	2,596,204	-62,959	-2.0	553,818	21.3
Improved.....acres.....	2,522,011	2,309,267	1,474,302	212,744	9.2	834,965	56.6
Unimproved:							
Timber and cut-over.....acres.....	478,245	565,068	1,074,860	-86,823	-15.4	-509,792	-47.4
Other.....acres.....	86,807	275,687	47,042	-188,880	-68.5	228,645	486.0
Drainage sufficient for normal crop.....acres.....	2,847,792	2,530,697	(1)	317,095	12.5	.....	.....
Partly drained, for partial crop.....acres.....	133,413	366,074	(1)	-232,661	-63.6	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	105,858	253,251	[2] 454,360	-147,393	-58.2	-201,109	-44.3
In occupied farms.....acres.....	2,673,169	2,427,599	(1)	245,570	10.1	.....	.....
In planted crops.....acres.....	1,872,751	2,067,727	(1)	-194,976	-9.4	.....	.....
Idle.....acres.....	527,289	879,897	(1)	-352,608	-40.1	.....	.....
Available for settlement.....acres.....	24,592	379,679	(1)	-355,087	-93.5	.....	.....
Open ditches, completed.....miles.....	5,191.5	4,960.5	3,438.7	231.0	4.7	1,521.8	44.3
Tile drains, completed.....miles.....	170.3	123.4	38.8	46.9	38.0	84.6	218.0
Drainage pumping plants, capacity.....horsepower....	2,115	2,533	2,785	-418	-16.5	-252	-9.0
gal. per min..	502,000	607,430	552,000	-105,430	-17.4	55,430	10.0
Capital invested in enterprises.....dollars.....	49,050,414	47,340,174	20,723,128	1,710,240	3.6	26,617,046	128.4
Average per acre.....dollars.....	15.89	15.03	7.98	0.86	5.7	7.05	88.3

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises.....	4,434,979	4,111,570	3,104,869	3,087,063
Less than 100 acres.....	134	.....	177	134
100 to 199 acres.....	228	206		228
200 to 499 acres.....	4,570	3,907	1,058	4,140
500 to 999 acres.....	28,045	28,667	13,154	25,210
1,000 to 1,999 acres.....	82,679	373,337	239,414	73,162
2,000 to 4,999 acres.....	330,308			297,712
5,000 to 9,999 acres.....	385,082	450,062	341,884	311,483
10,000 to 19,999 acres.....	693,745	1,721,812	1,557,927	520,508
20,000 to 49,999 acres.....	1,398,192			881,565
50,000 to 99,999 acres.....	999,189	922,594	546,213	545,998
100,000 to 199,999 acres.....	512,807	610,985	405,062	426,923
200,000 to 499,999 acres.....	.....			.....

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	3,087,063	100.0	49,050,414	100.0
Drainage districts.....	3,081,463	99.8	48,992,914	99.9
Individually owned projects.....	5,600	0.2	57,500	0.1

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	3,087,063	100.0	3,150,022	100.0	2,596,204	100.0	49,050,414	100.0	47,340,174	100.0	20,723,128	100.0
Gravity drainage only by—												
Open ditches.....	2,897,111	93.8	2,987,260	94.8	2,518,898	97.0	45,564,108	92.9	42,931,580	90.7	18,462,298	89.1
Tile drains.....	8,309	0.3	6,951	0.2			127,000	0.3	79,800	0.2		
Open ditches and tile drains..	110,006	3.6	72,061	2.3			1,058,306	2.2	955,159	2.0		
All drained by pumping by—												
Open ditches.....	22,390	0.7	51,769	1.7	.....	.....	782,000	1.6	2,503,135	5.3	.....	.....
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	31,057	1.0					991,000	2.0				
Part only by pumping by—												
Open ditches.....	10,560	0.3	31,981	1.0	77,306	3.0	212,000	0.4	870,500	1.8	2,260,830	10.9
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	7,630	0.2					316,000	0.6				
Total area served by pumps.....	64,527	2.1	71,604	2.3	70,308	2.7	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER	Enterprises	CAPACITY: Engine or motor	CAPACITY: Pump	Land served	KIND OF POWER	Enterprises	CAPACITY: Engine or motor	CAPACITY: Pump	Land served
	Number	*Hp.*	*Percent*	*G.p.m.*	*Acres*	*Number*	*Hp.*	*Percent*	*G.p.m.*	*Acres*
All pumping enterprises....1940..	11	2,115	100.0	[1] 502,000	64,527	Electric.....1940..	1	200	9.5	32,000	3,985
1930..	11	2,533	100.0	607,430	71,604	1930..	2	700	27.6	160,000	12,953
1920..	8	2,785	100.0	552,000	70,308	1920..	1	500	18.0	75,000	4,010
Steam.....1940..	2	300	14.2	148,000	17,000	Internal combustion.....1940..	8	1,615	76.4	[1] 322,000	43,542
1930..	2	1,000	39.5	290,000	20,000	1930..	7	833	32.9	157,430	38,651
1920..	5	1,910	68.6	407,000	57,298	1920..	2	375	13.5	70,000	9,000

[1] One enterprise did not report gallons per minute.

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP	PUMPS: Number	PUMPS: Capacity		Engine or motor capacity	Land served
		G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises.....1940..	16	[1] 502,000	100.0	2,115	64,527
1930..	16	607,430	100.0	2,533	71,604
Centrifugal.....1940..	13	[1] 397,000	79.1	1,665	52,527
1930..	15	600,430	98.8	2,458	71,029
Rotary.....1940..	.....	.....	.....	.....	.....
1930..	1	7,000	1.2	75	575
Screw.....1940..	3	105,000	20.9	450	12,000
1930..	.....	.....	.....	.....	.....

[1] One enterprise did not report gallons per minute.

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES: 1940		LAND IN ENTERPRISES: 1930		CAPITAL INVESTED: 1940		CAPITAL INVESTED: 1930		AREA DELINQUENT[1]: 1940	AREA DELINQUENT[1]: 1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	3,087,063	100.0	3,150,022	100.0	49,050,414	100.0	47,340,174	100.0	435,261	927,207
Enterprises in arrears	598,352	19.4	1,350,734	42.9	8,177,213	16.7	24,619,680	52.0	180,289	751,712
With some delinquent land	442,279	14.3	1,339,906	42.5	6,309,298	12.9	24,479,980	51.7	180,289	751,712
With no delinquent land	66,783	2.2	.....	.....	631,994	1.3	.....	.....	.....	.....
With no report on delinquency	89,290	2.9	10,828	0.4	1,235,921	2.5	139,700	0.3	.....	.....
Enterprises not in arrears	2,486,919	80.6	1,799,288	57.1	40,838,201	83.3	22,720,494	48.0	254,972	175,495
With some delinquent land	1,453,544	47.1	786,521	25.0	25,256,912	51.5	12,566,411	26.6	254,972	175,495
With no delinquent land	1,033,375	33.5	949,631	30.1	15,581,289	31.8	8,909,950	18.8	.....	.....
With no report on delinquency	.....	.....	63,136	2.0	.....	.....	1,244,133	2.6	.....	.....
Enterprises not reporting on arrearage	1,792	[2]	.....	.....	35,000	[2]	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	32	[2]	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	1,760	[2]	.....	.....	33,000	[2]	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Less than one-tenth of 1 per cent.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	3,087,063	49,050,414	8,174,365	1,927,224	8,653,382	435,261	1,290,413
Enterprises in debt	1,892,734	32,903,747	8,174,365	1,927,224	7,642,017	379,235	1,188,941
In arrears, amount of arrearage stated	587,352	8,177,213	2,743,996	1,927,224	359,191	180,289	210,317
Collecting drainage taxes in 1939	474,906	6,538,972	1,931,681	1,308,569	359,191	159,777	210,317
No collections reported	112,446	1,638,241	812,315	618,655	.....	20,512	.....
In arrears, amount not stated	11,000	139,000	26,000	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	11,000	139,000	26,000	.....	.....	.....	.....
Not in arrears	1,292,622	24,554,534	5,404,347	.....	7,282,226	198,946	978,600
Collecting drainage taxes in 1939	1,269,466	24,368,409	5,245,347	.....	7,215,226	198,946	978,600
No collections reported	23,156	186,125	159,000	.....	67,000	.....	.....
Not reporting as to arrears	1,760	33,000	22	.....	600	.....	24
Collecting drainage taxes in 1939	1,760	33,000	22	.....	600	.....	24
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	1,108,695	14,900,139	.....	.....	873,765	45,978	62,795
Collecting drainage taxes in 1939	398,487	2,840,808	.....	.....	206,500	45,612	62,795
No collections reported	710,208	12,059,331	.....	.....	667,265	366	.....
Enterprises not reporting as to debt	85,634	1,246,528	.....	.....	137,600	10,048	38,677
Collecting drainage taxes in 1939	85,634	1,246,528	.....	.....	137,600	10,048	38,677
No collections reported	.....	.....	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	3,087,063	100.0	49,050,414	100.0
Improvement of land already in farms	1,310,921	42.5	15,777,169	32.2
Reclamation of swamp land not previously in farms	1,009,846	32.7	18,816,130	38.4
Protection against overflow	766,296	24.8	14,457,115	29.4

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	3,087,063	100.0	4,434,979	1,347,916	49,050,414	100.0
1880-1889	340	(3)	340	.....	1,559	(3)
1890-1899	53,403	1.7	131,238	77,835	384,896	0.8
1900-1904	146,958	4.8	516,970	370,012	2,760,022	5.6
1905-1909	901,165	29.2	1,371,897	470,732	17,505,928	35.7
1910-1914	584,799	18.9	901,836	317,037	8,740,543	17.8
1915-1919	685,099	22.2	771,859	86,760	10,068,764	20.5
1920-1924	407,453	13.2	430,915	23,462	5,836,818	11.9
1925-1929	246,374	7.9	248,452	2,078	3,407,257	6.9
1930-1934	13,653	0.4	13,653	.....	253,000	0.6
1935-1939	47,819	1.7	47,819	.....	91,627	0.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	3,087,063	2,847,792	92.2	133,413	105,858	2,522,011	81.7	478,245	86,807	2,673,169	86.6	1,872,751	527,289	24,592
1880-1889	340	340	100.0	.....	.....	340	100.0	.....	.....	311	91.5	273	.....	.....
1890-1899	53,403	50,867	95.3	.....	2,536	47,250	88.5	4,074	2,079	46,511	87.1	36,556	7,588	.....
1900-1904	146,958	141,405	96.2	3,053	2,500	115,296	78.5	19,455	12,207	132,735	90.3	89,310	30,545	.....
1905-1909	901,165	872,596	96.8	20,701	7,868	733,008	81.3	152,509	15,648	815,229	90.5	562,836	150,492	.....
1910-1914	584,799	498,122	85.2	71,687	14,990	466,623	79.8	114,978	3,198	474,552	81.1	330,478	76,178	23,992
1915-1919	685,099	605,140	88.3	14,869	65,090	531,079	77.5	123,065	30,955	570,342	83.2	382,605	130,722	600
1920-1924	407,453	386,707	94.9	16,223	4,523	352,658	86.6	38,511	16,274	359,157	88.1	256,556	61,140	.....
1925-1929	246,374	234,043	95.0	3,980	8,351	216,831	88.0	23,317	6,226	219,356	89.0	169,122	35,162	.....
1930-1934	13,653	13,653	100.0	.....	.....	12,850	94.1	583	220	12,515	91.6	9,733	1,543	.....
1935-1939	47,819	44,919	93.9	2,900	.....	46,066	96.3	1,753	.....	42,461	88.8	35,282	3,919	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	3,087,063	3,053,146	2,141,480	911,666	429,740	0.14	0.20
Gravity drainage only	3,015,426	2,981,509	2,069,843	911,666	400,609	0.13	0.19
Open ditches only	1,859,589	1,825,672	1,117,815	707,857	219,550	0.12	0.20
Open ditches and levees	1,037,522	1,037,522	939,269	98,253	180,094	0.17	0.19
Tile drains only	.....	.....	.....	.....	.....	.....	.....
Tile drains and levees	8,309	8,309	2,048	6,261	265	0.03	0.13
Open ditches and tile drains	100,223	100,223	928	99,295	200	(1)	0.22
Open ditches, tile drains, and levees	9,783	9,783	9,783	.....	500	0.05	0.05
Pumping for all or part of drainage	71,637	71,637	71,637	.....	29,131	0.41	0.41
All drainage by pumping	53,447	53,447	53,447	.....	25,728	0.48	0.48
Part pumping and part gravity	18,190	18,190	18,190	.....	3,403	0.19	0.19

[1] Less than ½ cent per acre.

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	3,087,063	100.0	49,050,414	100.0
Method:				
By district forces	1,065,204	34.5	17,515,924	35.7
By contract	1,153,882	37.4	19,271,188	39.3
Work apportioned to landowners	60,591	2.0	907,385	1.8
"None," or not reporting	807,386	26.1	11,355,917	23.2
Whether systematic:				
Reporting "yes"	2,023,377	65.5	35,029,590	71.4
Reporting "no"	1,017,982	33.0	13,308,505	27.1
Not reporting	45,704	1.5	712,319	1.5

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	3,087,063	318,813	10.3
Capital invested.....dollars..	49,050,414	3,234,549	6.6
Drainage works:			
Open ditches.....miles....	5,191.5	540.2	10.4
Tile drains.....miles....	170.3	17.0	10.0
Levees.....miles....	687.1	97.5	14.2

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	1,548,099	28,024,197	2,597.8	106.6	446.9
Work Projects Administration	425,986	5,023,927	753.9	84.1	82.0
Civilian Conservation Corps	266,594	3,537,198	431.7	20.5	54.0
Corps of Engineers, U.S.A.	156,009	2,131,000	69.7	2.0	93.0
W.P.A. and C.C.C.	655,987	16,637,072	1,286.5	.....	217.9
Other kind or combination	43,523	695,000	56.0	.....	.....

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	3,087,063	[1] 800,041	25.9
Capital invested.....dollars..	49,050,414	18,575,018	37.9
Drainage works:			
Open ditches.....miles....	5,191.5	1,408.2	27.1
Tile drains.....miles....	170.3	1.2	0.7
Levees.....miles....	687.1	267.4	38.9

[1] The land actually dependent upon outside agencies for protection is 773,339 acres, which is 96.7 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)		THE STATE	Adair	Andrew	Atchison	Bollinger[1]	Buchanan[1]	Butler	Caldwell
	LAND AREA									
1	Approximate land area	acres....1940..	44,332,800	367,360	275,200	351,360	397,440	263,040	458,240	275,200
2	Drainage enterprises	number...1940..	[2]338	4	10	7	1	2	6	3
3	Land in enterprises	acres....1940..	3,067,063	12,043	19,030	88,731	27,339	10,586	229,701	3,931
4		1930..	3,150,022	11,265	24,311	80,034	27,340	10,715	232,406	([3])
5		1920..	2,596,204	8,800	([3])	46,982	33,765	([3])	232,800	([3])
6	Area of all enterprises, overlapping included	acres....1940..	4,434,979	12,043	19,270	101,691	27,339	10,586	231,861	4,046
7	Amount of overlapping	acres....1940..	1,347,916	.....	240	14,960	.....	.....	2,160	115
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres....1940..	2,847,792	11,827	16,849	86,731	27,339	10,586	165,853	3,931
9		1930..	2,530,697	4,600	18,183	74,628	23,296	10,715	193,000	([3])
10	Increase or decrease (-), 1930-1940	acres.....	317,095	7,227	-1,334	12,103	4,043	-129	-27,147	.....
11		percent.....	12.5	157.1	-7.3	16.2	17.4	-1.2	-14.1	.....
12	Land undrained, unfit for any crop	acres....1940..	105,858	216	200	.....	.....	.....	.....	.....
13		1930..	253,251	400	2,600	5,300	.....	.....	11,261	.....
14	Increase or decrease (-), 1930-1940	acres.....	-147,393	-184	-2,400	-5,300	.....	.....	-11,261	.....
15		percent.....	-58.2	-46.0	-92.3	-100.0	.....	.....	-100.0	.....
16	Land partly drained, for partial crop	acres....1940..	133,413	.....	1,981	.....	.....	.....	63,848	.....
17		1930..	366,074	6,265	3,528	106	4,044	.....	28,145	.....
18	Increase or decrease (-), 1930-1940	acres.....	-232,661	-6,265	-1,547	-106	-4,044	.....	35,703	.....
19		percent.....	-63.6	-100.0	-43.8	-100.0	-100.0	.....	126.8	.....
20	Improved land	acres....1940..	2,522,011	8,890	16,828	86,731	14,234	10,186	165,853	3,907
21		1930..	2,309,267	10,233	22,662	74,109	12,546	10,715	112,070	([3])
22		1920..	1,474,302	7,200	([3])	43,364	1,712	([3])	63,800	([3])
	Unimproved land:									
23	Woodland and cut-over land	acres....1940..	478,245	1,662	1,888	.....	13,105	400	63,848	24
24		1930..	565,068	545	1,435	.....	10,750	.....	106,250	.....
25		1920..	1,074,860	1,000	([3])	98	32,053	([3])	169,000	([3])
26	Other unimproved land	acres....1940..	86,807	1,491	314	.....	.....	.....	.....	.....
27		1930..	275,687	487	213	5,925	4,044	.....	14,086	.....
28		1920..	47,042	600	([3])	3,520	.....	([3])	.....	([3])
29	Land in occupied farms	acres....1940..	2,673,169	12,043	18,610	86,731	27,339	10,586	146,200	3,931
30		1930..	2,427,599	10,965	23,256	79,409	12,546	10,715	107,220	([3])
31	Increase or decrease (-), 1930-1940	acres.....	245,570	1,078	-4,646	-7,322	14,793	-129	38,980	.....
32		percent.....	10.1	9.8	-20.0	-9.2	117.9	-1.2	36.4	.....
33	Land in planted crops	acres....1940..	1,872,751	8,765	14,810	73,600	14,234	10,100	61,300	3,867
34		1930..	2,067,727	5,900	17,928	72,595	11,666	10,400	91,950	([3])
35	Increase or decrease (-), 1930-1940	acres.....	-194,976	2,865	-3,118	1,005	2,568	-300	-30,650	.....
36		percent.....	-9.4	48.6	-17.4	1.4	22.0	-2.9	-33.3	.....
37	Land idle	acres....1940..	527,289	3,278	1,334	.....	13,105	486	152	64
38		1930..	879,897	5,365	4,399	800	11,636	100	120,925	([3])
39	Increase or decrease (-), 1930-1940	acres.....	-352,608	-2,087	-3,065	-800	1,469	386	-120,773	.....
40		percent.....	-40.1	-38.9	-69.7	-100.0	12.6	386.0	-99.9	.....
41	Land available for settlement	acres....1940..	24,592	.....	.....	.....	.....	.....	.....	.....
42		1930..	379,679	.....	300	.....	14,794	.....	100,315	.....
43	Increase or decrease (-), 1930-1940	acres.....	-355,087	.....	-300	.....	-14,794	.....	-100,315	.....
44		percent.....	-93.5	.....	-100.0	.....	-100.0	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres.....	1,859,589	12,043	14,330	41,731	.....	8,386	28,877	3,467
46	Length of these ditches	miles.....	3,323.6	19.7	33.8	106.0	.....	16.0	55.4	8.0
47	Part protected by levees of an outside agency	acres.....	257,542	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres.....	1,037,522	.....	4,700	45,000	27,339	2,200	200,824	.....
49	Length of these ditches	miles.....	1,504.3	.....	18.0	4.0	43.4	2.0	296.2	.....
50	Length of these levees	miles.....	573.9	.....	6.0	6.0	16.5	1.0	66.5	.....
51	Part protected by levees of an outside agency	acres.....	507,261	.....	.....	.....	23,011	.....	.....	.....
52	Land drained by tile only	acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres.....	8,309	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles.....	12.4	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles.....	16.1	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres.....	100,223	.....	.....	.....	.....	.....	.....	464
60	Length of these open ditches	miles.....	183.4	.....	.....	.....	.....	.....	.....	1.0
61	Length of these tile	miles.....	105.8	.....	.....	.....	.....	.....	.....	1.5
62	Part protected by levees of an outside agency	acres.....	8,536	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres.....	9,783	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles.....	31.5	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles.....	5.6	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles.....	9.1	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres.....	71,637	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles.....	148.7	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles.....	46.5	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles.....	88.0	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 286.
[3] Included in "Other counties."
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Callaway	Cape Girardeau[1]	Carroll	Chariton	Clark	Daviess	Dunklin	Franklin[1]	Gentry
	LAND AREA									
1	Approximate land area....acres....1940..	534,400	368,640	444,160	485,760	325,760	360,320	347,520	596,480	312,320
2	Drainage enterprises....number...1940..	4	2	9	14	6	3	26	1	4
3	Land in enterprises....acres....1940..	4,678	47,495	93,110	71,642	30,259	38,478	265,193	4,300	27,199
4	1930..	(2)	43,495	96,705	74,961	47,119	38,066	250,948	(2)	28,282
5	1920..	(2)	37,236	52,224	49,554	25,474	.....	250,483	.....	.....
6	Area of all enterprises, overlapping included....acres....1940..	4,678	49,573	134,586	86,051	30,259	38,478	396,794	4,300	27,759
7	Amount of overlapping....acres....1940..	.....	2,078	41,476	14,409	.....	.....	131,601	.....	560
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	4,678	47,495	87,732	71,342	28,759	35,194	225,361	4,300	27,199
9	1930..	(2)	22,860	69,700	47,005	37,294	7,000	217,025	(2)	22,699
10	Increase or decrease (-), 1930-1940....acres....	.....	24,635	18,032	24,337	-8,535	28,194	8,336	.....	4,500
11	percent....	.....	107.8	25.9	51.8	-22.9	402.8	3.8	.....	19.8
12	Land undrained, unfit for any crop....acres....1940..	.....	.....	1,000	300	1,150	1,142	37,371	.....	.....
13	1930..	(2)	.....	5,725	27,900	5,625	3,611	7,954	(2)	1,992
14	Increase or decrease (-), 1930-1940....acres....	.....	.....	-4,725	-27,600	-4,475	-2,469	29,417	.....	-1,992
15	percent....	.....	.....	-82.5	-98.9	-79.6	-68.4	369.8	.....	-100.0
16	Land partly drained, for partial crop....acres....1940..	.....	.....	4,378	.....	350	2,142	2,461	.....	.....
17	1930..	(2)	20,635	21,280	56	4,200	27,455	25,969	(2)	3,591
18	Increase or decrease (-), 1930-1940....acres....	.....	-20,635	-16,902	-56	-3,850	-25,313	-23,508	.....	-3,591
19	percent....	.....	-100.0	-79.4	-100.0	-91.7	-92.2	-90.5	.....	-100.0
20	Improved land....acres....1940..	4,347	42,523	89,609	54,780	28,283	36,336	165,073	3,600	26,475
21	1930..	(2)	16,610	80,100	45,446	43,394	33,366	172,383	(2)	20,720
22	1920..	(2)	23,477	45,038	41,170	21,344	.....	150,143	.....	.....
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	.....	4,972	3,231	13,826	1,426	1,000	79,708	700	724
24	1930..	.....	6,370	5,000	6,171	2,300	1,900	60,190	(2)	5,567
25	1920..	(2)	13,759	2,184	8,130	1,890	.....	100,340	.....	.....
26	Other unimproved land....acres....1940..	331	.....	70	3,036	550	1,142	20,412	.....	.....
27	1930..	(2)	20,515	11,605	23,344	1,425	2,800	18,375	.....	1,995
28	1920..	(2)	.....	5,002	254	2,240	.....	.....	.....	.....
29	Land in occupied farms....acres....1940..	4,678	47,495	93,110	71,642	27,437	37,194	227,826	4,300	27,199
30	1930..	(2)	16,610	90,100	50,478	42,219	35,900	172,942	(2)	27,782
31	Increase or decrease (-), 1930-1940....acres....	.....	30,885	3,010	21,164	-14,782	1,294	54,884	.....	-583
32	percent....	.....	185.9	3.4	41.9	-35.0	3.6	31.7	.....	-2.1
33	Land in planted crops....acres....1940..	4,178	26,749	71,800	49,259	24,127	29,283	156,599	3,600	24,051
34	1930..	(2)	14,200	77,600	33,856	37,775	24,500	168,407	(2)	18,620
35	Increase or decrease (-), 1930-1940....acres....	.....	12,549	-5,800	15,403	-13,648	4,783	-11,808	.....	5,431
36	percent....	.....	88.4	-7.5	45.5	-36.1	19.5	-7.0	.....	29.2
37	Land idle....acres....1940..	500	4,972	3,511	20,653	3,979	1,000	105,214	.....	1,040
38	1930..	.....	8,780	17,075	32,810	9,225	13,223	75,186	(2)	1,685
39	Increase or decrease (-), 1930-1940....acres....	.....	-3,808	-13,564	-12,157	-5,246	-12,223	30,028	.....	-645
40	percent....	.....	-43.4	-79.4	-37.0	-56.9	-92.4	39.9	.....	-38.3
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	26,885	5,725	21,845	3,000	.....	50,955	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	-26,885	-5,725	-21,845	-3,000	.....	-50,955	.....	.....
44	percent....	.....	-100.0	-100.0	-100.0	-100.0	.....	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres....	.....	2,078	52,940	50,797	12,553	38,478	201,962	.....	27,199
46	Length of these ditches....miles....	.....	3.5	77.0	71.0	27.9	68.7	289.3	.....	52.5
47	Part protected by levees of an outside agency....acres....	.....	.....	6,253	.....	.....	.....	43,404	.....	.....
48	Land drained by open ditches and own levees....acres....	3,795	45,417	35,170	20,845	7,146	.....	63,231	4,300	.....
49	Length of these ditches....miles....	9.4	70.9	24.9	28.0	8.0	.....	168.9	4.0	.....
50	Length of these levees....miles....	15.5	28.3	6.0	34.4	8.0	.....	87.8	18.0	.....
51	Part protected by levees of an outside agency....acres....	.....	33,839	.....	5,000	.....	.....	24,860	.....	.....
52	Land drained by tile only....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	2,200	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	3.0	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	1.0	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	.....	.....	2,800	.....	.....	.....	.....	.....	.....
60	Length of these open ditches....miles....	.....	.....	8.0	.....	.....	.....	.....	.....	.....
61	Length of these tile....miles....	.....	.....	2.0	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	883	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	1.5	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles....	0.1	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles....	0.1	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3]....acres....	.....	.....	.....	.....	10,560	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	50.0	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Crundy	Harrison	Holt	Howard	Johnson	Knox	Lafayette	Lewis
	LAND AREA								
1	Approximate land area.....acres....1940..	278,400	460,800	291,840	300,160	528,640	327,680	405,760	323,200
2	Drainage enterprises.....number...1940..	12	3	9	5	3	5	3	6
3	Land in enterprises.....acres....1940..	58,190	22,057	53,899	9,109	32,065	7,415	7,039	19,816
4	1930..	42,324	22,423	47,306	9,500	41,211	11,497	7,022	19,650
5	1920..	(1)	.....	41,708	(1)	34,657	6,811	12,079	16,125
6	Area of all enterprises, overlapping included.....acres....1940..	58,690	22,557	53,899	15,348	32,265	7,575	7,039	19,816
7	Amount of overlapping.....acres....1940..	500	500	.....	6,239	200	160	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	58,190	17,174	53,899	9,009	32,065	7,415	7,039	17,464
9	1930..	33,842	8,700	35,169	8,295	30,953	11,337	6,622	7,981
10	Increase or decrease (-), 1930-1940.....acres.....	24,348	8,474	28,730	714	1,112	-3,922	417	9,483
11	percent.....	71.9	97.4	81.7	8.6	3.6	-34.6	6.3	118.8
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	50	.....	.....	.....	1,600
13	1930..	5,296	5,200	9,944	1,205	6,000	.....	400	4,800
14	Increase or decrease (-), 1930-1940.....acres.....	-5,296	-5,200	-9,944	-1,155	-6,000	.....	-400	-3,200
15	percent.....	-100.0	-100.0	-100.0	-95.8	-100.0	.....	-100.0	-66.7
16	Land partly drained, for partial crop.....acres....1940..	.....	4,883	.....	50	.....	.....	.....	752
17	1930..	3,186	8,523	2,193	.....	4,258	160	.....	6,869
18	Increase or decrease (-), 1930-1940.....acres.....	-3,186	-3,640	-2,193	50	-4,258	-160	.....	-6,117
19	percent.....	-100.0	-42.7	-100.0	.....	-100.0	-100.0	.....	-89.0
20	Improved land.....acres....1940..	53,822	17,174	55,792	7,865	28,715	6,494	6,899	19,131
21	1930..	35,806	17,223	41,933	8,650	30,258	10,640	6,482	15,944
22	1920..	(1)	.....	40,259	(1)	28,235	3,481	10,871	14,040
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	3,768	1,953	6,774	1,194	3,350	921	140	285
24	1930..	3,755	2,000	130	75	9,053	857	540	1,106
25	1920..	(1)	.....	744	(1)	6,422	2,467	1,208	1,747
26	Other unimproved land.....acres....1940..	600	2,930	1,333	50	.....	.....	.....	400
27	1930..	2,763	3,200	5,243	775	1,900	.....	.....	2,600
28	1920..	(1)	.....	705	(1)	.....	863	.....	338
29	Land in occupied farms.....acres....1940..	58,006	22,057	62,300	9,109	32,065	7,415	7,039	19,416
30	1930..	42,324	22,100	47,159	9,500	32,958	11,497	7,022	17,150
31	Increase or decrease (-), 1930-1940.....acres.....	15,682	-43	15,141	-391	-893	-4,082	17	2,266
32	percent.....	37.0	-0.2	32.1	-4.1	-2.7	-35.5	0.2	13.2
33	Land in planted crops.....acres....1940..	42,252	16,860	53,713	7,662	28,715	4,782	6,729	14,830
34	1930..	29,087	10,790	41,079	8,050	21,025	8,600	4,530	9,550
35	Increase or decrease (-), 1930-1940.....acres.....	13,165	6,070	12,634	-388	7,690	-3,818	2,199	5,280
36	percent.....	45.3	56.2	30.8	-4.8	36.6	-44.4	48.5	55.3
37	Land idle.....acres....1940..	3,543	5,197	10,107	1,397	.....	2,173	310	4,303
38	1930..	5,200	3,306	5,673	1,200	10,786	2,291	310	8,019
39	Increase or decrease (-), 1930-1940.....acres.....	-1,657	1,891	4,434	197	-10,786	-118	.....	-3,716
40	percent.....	-31.9	57.2	78.2	16.4	-100.0	-5.2	.....	-46.3
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	3,053	.....	.....	200
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	-3,053	.....	.....	-200
44	percent.....	.....	.....	.....	.....	-100.0	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	58,190	22,057	57,745	.....	32,065	7,415	7,039	7,671
46	Length of these ditches.....miles.....	80.5	19.6	75.1	.....	50.0	17.4	22.4	18.4
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	6,154	9,109	.....	.....	.....	2,191
49	Length of these ditches.....miles.....	.....	.....	9.2	13.0	.....	.....	.....	5.0
50	Length of these levees.....miles.....	.....	.....	0.5	27.2	.....	.....	.....	4.0
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	4,012	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2].....acres.....	.....	.....	.....	.....	.....	.....	.....	9,954
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	20.2
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	2.0
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	15.0
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)			Lincoln	Linn	Livingston	Macon	Marion	Mercer	Mississippi	New Madrid	Nodaway
	LAND AREA											
1	Approximate land area	acres	1940	402,560	399,360	341,120	520,960	281,600	291,840	263,040	434,560	561,280
2	Drainage enterprises	number	1940	7	3	7	3	3	6	17	20	12
3	Land in enterprises	acres	1940	26,348	17,740	89,442	27,930	25,173	17,255	219,444	386,191	32,347
4			1930	25,578	18,665	93,083	(1)	22,953	14,631	235,300	380,722	40,830
5			1920	16,800	(1)	48,207	17,244	23,794	.....	204,845	371,287	16,208
6	Area of all enterprises, overlapping included	acres	1940	26,348	17,740	93,202	27,930	25,173	17,535	378,487	813,610	32,347
7	Amount of overlapping	acres	1940	.....	.....	3,760	.....	.....	280	159,043	427,419	.....
	CONDITION AND USE OF LAND											
8	Land with drainage sufficient for normal crop	acres	1940	23,948	14,140	71,942	27,930	22,614	11,697	207,278	350,570	31,928
9			1930	23,208	9,360	8,199	(1)	19,000	8,785	184,691	354,313	34,429
10	Increase or decrease (-), 1930-1940	acres		740	4,780	63,743	.....	3,614	2,912	22,587	-3,743	-2,501
11		percent		3.2	51.1	777.4	.....	19.0	33.1	12.2	-1.0	-7.3
12	Land undrained, unfit for any crop	acres	1940	200	3,600	17,500	.....	2,559	1,994	12,166	4,234	.....
13			1930	2,370	7,000	67,860	(1)	2,000	4,000	7,603	6,002	3,746
14	Increase or decrease (-), 1930-1940	acres		-2,170	-3,400	-50,360	.....	559	-2,006	4,563	-1,768	-3,746
15		percent		-91.6	-48.6	-74.2	.....	28.0	-50.2	60.0	-29.4	-100.0
16	Land partly drained, for partial crop	acres	1940	2,200	.....	.....	.....	.....	3,564	.....	31,387	419
17			1930	.....	2,305	17,024	(1)	1,953	1,846	43,006	20,407	2,655
18	Increase or decrease (-), 1930-1940	acres		2,200	-2,305	-17,024	.....	-1,953	1,718	-43,006	10,980	-2,236
19		percent		.....	-100.0	-100.0	.....	-100.0	93.1	-100.0	53.8	-84.2
20	Improved land	acres	1940	22,773	12,768	65,409	23,061	22,194	14,889	181,780	317,824	29,414
21			1930	21,758	7,270	11,887	(1)	21,255	9,085	172,455	269,866	38,248
22			1920	16,050	(1)	39,165	8,622	20,084	.....	130,575	190,039	14,624
	Unimproved land:											
23	Woodland and cut-over land	acres	1940	2,563	1,372	4,689	1,848	479	838	35,978	68,301	1,954
24			1930	2,700	2,345	3,000	(1)	580	1,300	56,445	109,856	1,648
25			1920	750	(1)	9,042	1,724	2,052	.....	73,314	181,248	1,584
26	Other unimproved land	acres	1940	1,012	3,600	19,344	3,021	2,500	1,528	1,686	66	979
27			1930	1,120	9,050	78,196	(1)	1,118	4,246	6,400	1,000	934
28			1920	.....	(1)	.....	6,898	1,658	.....	956	.....	.....
29	Land in occupied farms	acres	1940	25,148	17,740	72,442	27,930	23,173	17,255	175,198	275,000	32,347
30			1930	21,918	17,360	17,283	(1)	21,953	14,631	172,002	265,694	40,772
31	Increase or decrease (-), 1930-1940	acres		3,230	380	55,159	.....	1,220	2,624	3,196	9,306	-8,425
32		percent		14.7	2.2	319.2	.....	5.6	17.9	1.8	3.5	-20.7
33	Land in planted crops	acres	1940	12,900	12,425	47,786	22,500	20,268	14,249	126,871	206,000	27,903
34			1930	9,450	7,270	11,887	(1)	19,250	6,400	164,533	265,077	36,198
35	Increase or decrease (-), 1930-1940	acres		3,450	5,155	35,899	.....	1,018	7,849	-37,662	-59,077	-8,295
36		percent		36.5	70.9	302.0	.....	5.3	122.6	-22.9	-22.3	-22.9
37	Land idle	acres	1940	2,488	4,502	24,639	5,430	1,500	2,768	44,544	76,306	1,071
38			1930	13,528	11,090	75,024	(1)	2,703	2,146	68,831	104,981	3,424
39	Increase or decrease (-), 1930-1940	acres		-11,040	-6,588	-50,385	.....	-1,203	622	-24,287	-28,675	-2,353
40		percent		-81.6	-59.4	-67.2	.....	-44.5	29.0	-35.3	-27.3	-68.7
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	.....	.....	23,793	.....
42			1930	2,000	.....	1,000	.....	.....	.....	.....	41,029	.....
43	Increase or decrease (-), 1930-1940	acres		-2,000	.....	-1,000	.....	.....	.....	.....	-17,236	.....
44		percent		-100.0	.....	-100.0	.....	.....	.....	.....	-42.0	.....
	LAND CLASSIFIED BY WORKS, 1940											
45	Land drained by open ditches only	acres		3,088	17,740	88,978	27,930	.....	17,255	75,825	194,971	32,347
46	Length of these ditches	miles		2.8	23.1	87.8	32.0	.....	31.5	130.0	470.4	98.3
47	* Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		6,400	.....	.....	.....	.....	.....	58,960	191,220	.....
49	Length of these ditches	miles		31.0	.....	.....	.....	.....	.....	6.5	186.5	.....
50	Length of these levees	miles		13.0	.....	.....	.....	.....	.....	33.0	85.0	.....
51	Part protected by levees of an outside agency	acres		3,200	.....	.....	.....	.....	.....	58,960	117,620	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	.....	464	.....	.....	.....	84,659	.....	.....
60	Length of these open ditches	miles		.....	.....	1.0	.....	.....	.....	155.8	.....	.....
61	Length of these tile	miles		.....	.....	1.5	.....	.....	.....	99.5	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		3,400	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		5.0	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		5.0	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		8.0	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[2]	acres		13,460	.....	.....	.....	25,173	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		12.5	.....	.....	.....	50.0	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		3.5	.....	.....	.....	26.0	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		15.0	.....	.....	.....	35.0	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Pemiscot	Perry[1]	Platte[1]	Ray	Ripley	St. Charles	Saline
	LAND AREA								
1	Approximate land area	acres 1940	312,320	304,640	264,950	367,360	408,960	359,040	485,760
2	Drainage enterprises	number 1940	13	1	1	4	3	5	7
3	Land in enterprises	acres 1940	268,635	18,480	6,213	15,483	24,233	21,082	27,498
4		1930	270,682	25,000	6,600	14,162	30,755	26,458	33,372
5		1920	270,118	25,000	4,914	7,445	29,576	18,275	7,184
6	Area of all enterprises, overlapping included	acres 1940	603,324	18,480	6,213	15,483	30,786	21,082	27,498
7	Amount of overlapping	acres 1940	334,689	.....	.....	.....	6,553	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres 1940	257,335	17,688	6,213	15,483	16,959	18,272	20,498
9		1930	263,233	20,000	6,600	9,212	27,422	24,358	22,204
10	Increase or decrease (-), 1930-1940	acres	4,102	-2,312	-387	6,271	-10,463	-6,086	-1,706
11		percent	1.6	-11.6	-5.9	68.1	-38.2	-25.0	-7.7
12	Land undrained, unfit for any crop	acres 1940	1,300	396	.....	.....	.....	2,010	5,000
13		1930	.....	5,000	.....	600	900	2,100	2,321
14	Increase or decrease (-), 1930-1940	acres	1,300	-4,604	.....	-600	-900	-90	2,679
15		percent	.....	-92.1	.....	-100.0	-100.0	-4.3	115.4
16	Land partly drained, for partial crop	acres 1940	.....	396	.....	.....	7,274	800	2,000
17		1930	7,449	.....	.....	4,350	2,434	.....	8,847
18	Increase or decrease (-), 1930-1940	acres	-7,449	396	.....	-4,350	4,840	800	-6,847
19		percent	-100.0	.....	.....	-100.0	198.8	.....	-77.4
20	Improved land	acres 1940	242,773	17,688	6,213	14,983	16,959	18,362	18,120
21		1930	223,713	20,000	6,000	13,582	15,500	24,153	28,139
22		1920	81,641	22,000	4,914	6,897	17,745	17,070	6,713
	Unimproved land:								
23	Woodland and cut-over land	acres 1940	25,357	396	.....	500	7,274	1,710	5,983
24		1930	45,139	3,000	600	80	13,500	205	1,140
25		1920	188,477	3,000	.....	.....	11,831	1,138	471
26	Other unimproved land	acres 1940	505	396	.....	.....	.....	1,010	3,395
27		1930	1,830	2,000	.....	500	1,756	2,100	4,093
28		1920	.....	.....	.....	551	.....	67	.....
29	Land in occupied farms	acres 1940	251,000	18,480	6,213	15,483	24,233	21,082	27,198
30		1930	223,963	25,000	6,000	13,662	15,500	25,758	31,389
31	Increase or decrease (-), 1930-1940	acres	27,037	-6,520	213	1,821	8,733	-4,676	-4,191
32		percent	12.1	-26.1	3.6	13.3	56.3	-18.2	-13.4
33	Land in planted crops	acres 1940	181,500	10,560	5,800	14,733	16,959	16,090	17,920
34		1930	217,622	20,000	6,000	12,382	13,500	19,350	23,339
35	Increase or decrease (-), 1930-1940	acres	-36,122	-9,440	-200	2,371	3,459	-3,260	-5,419
36		percent	-16.6	-47.2	-3.3	19.0	25.6	-16.8	-23.2
37	Land idle	acres 1940	20,631	7,920	.....	750	.....	4,680	9,578
38		1930	48,381	3,000	600	1,100	16,000	6,805	8,950
39	Increase or decrease (-), 1930-1940	acres	-27,750	4,920	-600	-350	-16,000	-2,125	628
40		percent	-57.4	164.0	-100.0	-31.8	-100.0	-31.2	7.0
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....
42		1930	41,139	.....	.....	.....	7,922	.....	.....
43	Increase or decrease (-), 1930-1940	acres	-41,139	.....	.....	.....	-7,922	.....	.....
44		percent	-100.0	.....	.....	.....	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres	191,146	18,480	6,213	.....	24,233	14,640	16,590
46	Length of these ditches	miles	421.4	40.0	4.0	.....	28.0	13.9	35.0
47	Part protected by levees of an outside agency	acres	184,775	18,480	.....	.....	.....	4,630	.....
48	Land drained by open ditches and own levees	acres	77,489	.....	.....	5,922	.....	3,142	10,908
49	Length of these ditches	miles	179.2	.....	.....	13.0	.....	8.0	21.5
50	Length of these levees	miles	15.0	.....	.....	2.2	.....	4.0	17.5
51	Part protected by levees of an outside agency	acres	71,866	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	4,061	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	9.0	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	9.0	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	.....	3,300	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	.....	1.6	.....
61	Length of these tile	miles	.....	.....	.....	.....	.....	0.1	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	5,500	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	25.0	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	0.5	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	1.0	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Schuyler	Scotland	Scott	Shelby	Stoddard	Worth	Other counties[1]
	LAND AREA							
1	Approximate land area.....acres....1940..	195,840	282,240	267,520	321,280	535,680	170,880	5,610,880
2	Drainage enterprises.....number...1940..	3	9	11	3	29	3	20
3	Land in enterprises.....acres....1940..	6,800	21,396	159,359	9,632	335,154	11,682	128,241
4	1930..	6,003	89,027	111,028	13,800	341,524	[2]	183,268
5	1920..	[2]	15,110	154,335	9,697	375,037	7,013	125,414
6	Area of all enterprises, overlapping included.....acres....1940..	6,800	21,516	293,431	9,632	398,736	11,682	131,441
7	Amount of overlapping.....acres....1940..	.....	120	134,072	.....	63,582	.....	3,200
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	5,910	18,309	149,447	9,632	335,154	11,682	125,732
9	1930..	5,303	86,827	72,950	5,900	332,794	[2]	121,005
10	Increase or decrease (-), 1930-1940.....acres.....	607	-68,518	76,497	3,732	2,360	.....	4,727
11	percent.....	11.4	-78.9	104.9	63.2	0.7	.....	3.9
12	Land undrained, unfit for any crop.....acres....1940..	100	317	9,444	.....	.....	.....	2,009
13	1930..	500	40	9,500	3,000	.....	[2]	23,496
14	Increase or decrease (-), 1930-1940.....acres.....	-400	277	-56	-3,000	.....	.....	-21,487
15	percent.....	-80.0	692.5	-0.6	-100.0	.....	.....	-91.4
16	Land partly drained, for partial crop.....acres....1940..	790	2,770	468	.....	.....	.....	500
17	1930..	200	2,160	28,578	4,900	8,730	[2]	38,767
18	Increase or decrease (-), 1930-1940.....acres.....	590	610	-28,110	-4,900	-8,730	.....	-38,267
19	percent.....	295.0	28.2	-98.4	-100.0	-100.0	.....	-98.7
20	Improved land.....acres....1940..	5,710	18,348	134,285	9,632	257,180	9,347	108,552
21	1930..	5,003	86,927	90,605	10,650	286,938	[2]	124,943
22	1920..	[2]	6,867	116,441	7,453	194,315	3,156	75,797
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	690	1,112	16,957	.....	77,974	1,076	16,295
24	1930..	800	910	7,878	1,350	54,586	[2]	34,011
25	1920..	[2]	3,445	37,894	2,244	180,722	351	34,531
26	Other unimproved land.....acres....1940..	400	1,936	8,117	.....	.....	1,259	3,394
27	1930..	200	1,190	12,545	1,800	.....	[2]	24,314
28	1920..	[2]	4,798	.....	.....	.....	3,506	15,086
29	Land in occupied farms.....acres....1940..	6,500	20,642	132,300	9,632	271,500	11,682	127,163
30	1930..	5,503	88,427	98,420	13,800	297,914	[2]	140,798
31	Increase or decrease (-), 1930-1940.....acres.....	1,097	-67,785	33,880	-4,168	-26,414	.....	-13,635
32	percent.....	19.9	-76.6	34.4	-30.2	-8.9	.....	-9.7
33	Land in planted crops.....acres....1940..	3,860	17,597	86,000	8,856	142,900	8,383	98,826
34	1930..	2,300	59,970	77,580	7,450	264,857	[2]	105,204
35	Increase or decrease (-), 1930-1940.....acres.....	1,560	-42,373	8,420	1,406	-121,957	.....	-6,378
36	percent.....	67.8	-70.6	10.8	18.9	-46.0	.....	-6.1
37	Land idle.....acres....1940..	2,050	2,199	30,659	557	77,974	2,415	18,310
38	1930..	2,463	27,263	18,313	5,300	54,645	[2]	67,356
39	Increase or decrease (-), 1930-1940.....acres.....	-413	-25,064	12,346	-4,743	23,329	.....	-49,046
40	percent.....	-16.8	-91.9	67.4	-89.5	42.7	.....	-72.8
41	Land available for settlement.....acres....1940..	.....	600	.....	.....	.....	.....	199
42	1930..	.....	600	12,080	.....	43,610	.....	3,227
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	-12,080	.....	-43,610	.....	-3,028
44	percent.....	.....	.....	-100.0	.....	-100.0	.....	-93.8
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	4,200	21,396	112,105	9,632	182,411	11,682	101,704
46	Length of these ditches.....miles.....	12.2	96.9	153.2	17.1	326.4	27.5	159.9
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	38,718	.....	152,743	.....	14,599
49	Length of these ditches.....miles.....	.....	.....	63.0	.....	267.2	.....	23.5
50	Length of these levees.....miles.....	.....	.....	13.3	.....	54.2	.....	11.0
51	Part protected by levees of an outside agency.....acres.....	.....	.....	38,718	.....	126,175	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	2,048
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	0.4
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	6.1
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	8,536	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	16.0	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	1.2	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	8,536	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	2,600	.....	.....	.....	.....	.....	9,890
69	Length of open ditches owned by these enterprises..miles.....	4.0	.....	.....	.....	.....	.....	12.0
70	Length of tile owned by these enterprises.....miles.....	15.0	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	3.0	.....	.....	.....	.....	.....	20.0
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Includes Bates, Boone, Cass, Clay, Cole, Henry, Jackson, Moniteau, Osage, Pettis, Pike, Putnam, St. Louis, Sullivan, and Wayne Counties in 1940; Bates, Boone, Caldwell, Callaway, Cass, Clay, Cole, Franklin, Henry, Jackson, Macon, Moniteau, Osage, Pettis, Pike, Putnam, St. Louis, Sullivan, Wayne, and Worth Counties in 1930; and Andrew, Bates, Buchanan, Caldwell, Callaway, Cass, Clay, Grundy, Henry, Howard, Jackson, Linn, Osage, Pike, Putnam, St. Louis, Schuyler, and Wayne Counties in 1920.

[2] Included in "Other counties."

[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Adair	Andrew	Atchison	Bollinger[1]	Buchanan[1]	Butler	Caldwell
	DRAINAGE WORKS										
1	Drainage enterprises	number	1940	[2]338	4	10	7	1	2	6	3
	Open ditches:										
2	Completed	miles	1940	5,191.5	19.7	51.8	110.0	43.4	18.0	351.6	9.0
3			1930	4,960.5	17.5	68.6	111.3	41.0	19.2	260.0	([3])
4			1920	3,438.7	12.3	([3])	103.8	9.4	([3])	177.4	([3])
5	Additional length authorized	miles	1940	23.8	.....	1.1	.....	.....	.....	.....	.....
	Tile drains:										
6	Completed	miles	1940	170.3	.....	.....	.....	.....	.....	.....	1.5
7			1930	123.4	4.0	.....	10.0	.....	.....	.....	.....
8			1920	38.8	.....	([3])	.....	.....	([3])	.....	([3])
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles	1940	687.1	.....	6.0	6.0	16.5	1.0	66.5	.....
11			1930	931.4	.....	.....	30.5	18.0	.....	57.0	.....
12			1920	456.9	.....	([3])	8.2	11.6	([3])	49.9	([3])
13	Additional length authorized	miles	1940	2.0	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower	1940	2,115	.....	.....	.....	.....	.....	.....	.....
15			1930	2,533	.....	.....	.....	.....	.....	.....	.....
16			1920	2,765	.....	.....	125	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	[4]502,000	.....	.....	.....	.....	.....	.....	.....
18			1930	607,430	.....	.....	.....	.....	.....	.....	.....
19			1920	552,000	.....	.....	30,000	.....	.....	.....	.....
20	Land served by pumps	acres	1940	64,527	.....	.....	.....	.....	.....	.....	.....
21			1930	71,604	.....	.....	.....	.....	.....	.....	.....
22			1920	70,308	.....	.....	3,000	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	1	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars	1940	49,050,414	112,500	354,246	566,175	590,070	285,163	1,960,341	31,189
26			1930	47,340,174	135,059	509,800	858,741	257,873	214,000	2,741,660	([3])
27			1920	20,723,128	53,328	([3])	386,748	5,000	([3])	1,264,672	([3])
28	Estimated cost when completed	dollars	1940	49,106,914	112,500	360,746	566,175	590,070	285,163	1,960,341	31,189
29			1930	47,902,514	135,059	509,800	958,741	257,873	224,240	2,741,660	([3])
30			1920	24,749,735	70,328	([3])	512,988	5,000	([3])	2,264,672	([3])
31	Average cost per acre when completed	dollars	1940	15.91	9.34	18.96	6.53	21.58	26.94	8.53	7.93
32			1930	15.21	11.99	20.97	11.98	9.43	20.93	11.80	([3])
33			1920	9.53	7.99	([3])	10.92	0.15	([3])	9.73	([3])
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars		25,763,005	112,500	255,746	488,500	.....	273,163	141,341	25,189
35	Average amount per acre	dollars		13.85	9.34	17.85	11.70	.....	32.57	4.89	7.26
36	Enterprises having open ditches and levees	dollars		19,857,603	.....	105,000	77,675	590,070	12,000	1,819,000	.....
37	Average amount per acre	dollars		19.15	.....	22.34	1.73	21.58	5.45	9.06	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		127,000	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		15.28	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		868,607	.....	.....	.....	.....	.....	.....	6,000
43	Average amount per acre	dollars		8.67	.....	.....	.....	.....	.....	.....	12.93
44	Enterprises having ditches, tile, and levees	dollars		189,699	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		19.39	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[5]	dollars		2,301,000	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		32.12	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars		29,131	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		11	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		71,637	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		0.41	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		400,609	([6])	4,117	6,032	6,561	2,483	14,525	([6])
53	Enterprises reporting	number		165	1	6	5	1	2	6	1
54	Land in these enterprises	acres		2,069,843	([6])	8,920	68,471	27,339	10,586	229,701	([6])
55	Average cost per acre	dollars		0.19	([6])	0.46	0.09	0.24	0.23	0.06	([6])
	Federal aid in maintenance:										
56	Enterprises reporting	number		92	.....	1	4	1	.....	1	.....
57	Land in these enterprises	acres		1,548,099	.....	([6])	75,135	27,339	.....	([6])	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars		1,290,413	([6])	16,382	35,175	21,586	14,229	40,607	.....
59	Enterprises reporting	number		179	2	7	5	1	2	6	.....
60	Land in these enterprises	acres		2,230,253	([6])	12,883	68,471	27,339	10,586	229,701	.....
61	Average amount collected per acre	dollars		0.58	([6])	1.27	0.51	0.79	1.34	0.18	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		[7]435,261	.....	1,344	1,200	.....	1,635	([6])	.....
63	Enterprises reporting	number		[7]129	.....	5	3	.....	2	2	.....
64	Land in these enterprises	acres		[7]1,773,470	.....	11,340	20,802	.....	10,586	([6])	.....
65	Portion delinquent in these enterprises	percent		[7]24.5	.....	11.8	5.8	.....	15.4	([6])	.....
66	Total indebtedness, Dec. 31, 1939	dollars		8,174,365	20,327	168,246	162,500	100,352	60,220	([6])	([6])
67	Enterprises reporting	number		169	3	7	4	1	2	1	1
68	Land in these enterprises	acres		1,892,734	5,143	14,393	23,471	27,339	10,586	([6])	([6])
69	Average indebtedness per acre	dollars		4.32	3.95	11.69	6.92	3.67	5.69	([6])	([6])
70	Indebtedness in arrears, Dec. 31, 1939	dollars		1,927,224	.....	7,300	([6])	.....	.....	([6])	([6])
71	Enterprises reporting	number		61	.....	3	1	.....	.....	1	1
72	Land in these enterprises	acres		598,352	.....	5,677	([6])	.....	.....	([6])	([6])
73	Average arrearage per acre	dollars		3.22	.....	1.28	([6])	.....	.....	([6])	([6])
74	Reduction of debt by refinancing, prior to 1940	dollars		8,653,382	([6])	30,734	([6])	258,175	14,767	.....	.....
75	Enterprises reporting	number		62	2	5	1	1	1	.....	.....
76	Land in these enterprises	acres		1,014,414	([6])	13,416	([6])	27,339	8,386	.....	.....
77	Average reduction per acre	dollars		8.53	([6])	2.29	([6])	9.44	1.76	.....	.....

[1]For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2]An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 286. [3]Included in "Other counties." [4]One enterprise did not report gallons per minute. [5]Data in lines 46 and 47 are not included in lines 34 to 45. [6]Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [7]Includes enterprises with 115,576 acres delinquent, not distributed by counties.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Callaway	Cape Girardeau[1]	Carroll	Chariton	Clark	Daviess	Dunklin	Franklin[1]	Gentry
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	4	2	9	14	6	3	26	1	4
	Open ditches:									
2	Completed.....miles.....1940..	10.9	74.4	109.9	99.0	85.9	68.7	458.2	4.0	52.5
3	1930..	(2)	80.5	125.6	109.7	91.5	43.0	504.1	(2)	55.6
4	1920..	(2)	71.9	78.6	53.2	44.7	.....	300.6	.....	.....
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	0.1	.....	5.0	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	3.2	.....	50.5	.....	.....	.....	.....
8	1920..	(2)	.....	6.1	.....	0.6	.....	0.7	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	15.6	28.3	7.0	34.4	8.0	.....	87.8	18.0	.....
11	1930..	(2)	26.0	19.5	38.1	26.0	3.0	139.2	(2)	.....
12	1920..	(2)	34.6	10.3	.....	19.0	.....	66.0	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	225	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	225	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	550	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	52,000	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	52,000	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	100,000	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	5,280	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	5,100	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	6,100	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	82,686	719,518	839,730	971,873	508,475	782,713	2,986,039	70,000	639,235
26	1930..	(2)	668,797	1,044,940	1,119,917	502,110	815,000	2,852,470	(2)	866,998
27	1920..	(2)	374,000	328,700	270,420	444,378	.....	1,147,685	.....	.....
28	Estimated cost when completed.....dollars.....1940..	82,686	719,518	839,730	971,873	508,475	782,713	2,986,039	70,000	639,235
29	1930..	(2)	668,797	1,045,940	1,119,917	664,110	815,000	2,852,470	(2)	866,998
30	1920..	(2)	374,000	348,700	270,420	444,378	.....	1,147,685	.....	.....
31	Average cost per acre when completed.....dollars.....1940..	17.68	15.15	9.02	13.56	16.80	20.34	11.26	16.28	23.50
32	1930..	(2)	15.38	10.82	14.94	14.09	21.41	11.37	(2)	30.66
33	1920..	(2)	10.04	6.68	5.46	17.44	.....	4.58	.....	.....
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	.....	14,000	411,514	351,466	171,475	782,713	1,620,451	.....	639,235
35	Average amount per acre.....dollars..	.....	6.74	7.77	6.92	13.66	20.34	8.02	.....	23.50
36	Enterprises having open ditches and levees.....dollars..	69,987	705,518	368,216	620,407	125,000	.....	1,365,588	70,000	.....
37	Average amount per acre.....dollars..	18.44	15.53	10.47	29.76	17.49	.....	21.60	16.28	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	20,000	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	9.09	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	40,000	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	14.28	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	12,699	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	14.38	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	.....	.....	.....	.....	212,000	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	20.08	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	(4)	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	1	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	(4)	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	(4)	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	1,250	7,894	4,825	836	(4)	(4)	72,066	4,759	2,175
53	Enterprises reporting.....number...	4	2	4	5	2	2	24	1	3
54	Land in these enterprises.....acres....	4,678	47,495	70,785	47,722	(4)	(4)	202,538	4,300	25,159
55	Average cost per acre.....dollars..	0.27	0.17	0.07	0.02	(4)	(4)	0.36	1.11	0.09
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	1	6	.....	2	.....	10	.....	3
57	Land in these enterprises.....acres....	.....	45,417	49,968	.....	(4)	.....	115,816	.....	25,159
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	1,429	26,864	28,463	14,913	(4)	14,553	117,940	6,307	8,337
59	Enterprises reporting.....number...	4	2	4	4	2	3	17	1	3
60	Land in these enterprises.....acres....	4,678	47,495	70,785	13,572	(4)	38,478	206,520	4,300	25,159
61	Average amount collected per acre.....dollars..	0.30	0.56	0.40	1.10	(4)	0.38	0.57	1.47	0.33
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	175	12,294	3,792	(4)	13,800	25,712	1,325	4,232
63	Enterprises reporting.....number...	.....	1	3	4	2	3	14	1	3
64	Land in these enterprises.....acres....	.....	2,078	66,640	9,902	(4)	38,478	143,376	4,300	25,159
65	Portion delinquent in these enterprises.....percent..	.....	8.4	18.4	38.3	(4)	35.9	17.9	30.8	16.8
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	134,167	78,382	50,000	173,500	315,500	468,707	36,000	197,500
67	Enterprises reporting.....number...	.....	2	4	4	4	3	12	1	3
68	Land in these enterprises.....acres....	.....	47,495	42,885	13,572	20,759	38,478	174,605	4,300	25,159
69	Average indebtedness per acre.....dollars..	.....	2.82	1.83	3.68	8.36	8.20	2.68	8.37	7.85
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	1,000	(4)	.....	(4)	(4)	(4)	.....	(4)
71	Enterprises reporting.....number...	.....	1	1	.....	2	1	1	.....	1
72	Land in these enterprises.....acres....	.....	2,078	(4)	.....	(4)	(4)	(4)	.....	(4)
73	Average arrearage per acre.....dollars..	.....	0.48	(4)	.....	(4)	(4)	(4)	.....	(4)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	308,687	.....	(4)	67,100	(4)	919,682	.....	132,191
75	Enterprises reporting.....number...	.....	1	.....	1	3	2	3	.....	3
76	Land in these enterprises.....acres....	.....	45,417	.....	(4)	20,006	(4)	76,198	.....	25,159
77	Average reduction per acre.....dollars..	.....	6.80	.....	(4)	3.35	(4)	12.07	.....	5.25

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Grundy	Harrison	Holt	Howard	Johnson	Knox	Lafayette	Lewis
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	12	3	9	5	3	5	3	6
	Open ditches:								
2	Completed.....miles.....1940..	80.5	19.6	84.3	13.0	50.0	17.4	22.4	43.6
3	1930..	75.5	22.8	84.3	9.5	78.0	16.5	32.0	47.0
4	1920..	(1)	.....	67.8	(1)	89.8	12.8	23.1	32.7
5	Additional length authorized.....miles.....1940..	.....	.....	3.3	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	2.0
7	1930..	5.0	.....	.....	.....	0.8	.....	.....	2.3
8	1920..	(1)	.....	.....	(1)	.....	.....	.....	1.3
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	0.5	27.2	.....	.....	.....	19.0
11	1930..	.....	.....	58.5	16.5	2.2	.....	.....	27.0
12	1920..	(1)	.....	12.7	(1)	3.0	.....	1.2	8.4
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	225
15	1930..	.....	.....	.....	.....	.....	.....	.....	150
16	1920..	.....	.....	.....	.....	.....	.....	.....	(2)
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	40,000
18	1930..	.....	.....	.....	.....	.....	.....	.....	22,000
19	1920..	.....	.....	.....	.....	.....	.....	.....	(2)
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	8,524
21	1930..	.....	.....	.....	.....	.....	.....	.....	8,500
22	1920..	.....	.....	.....	.....	.....	.....	.....	6,984
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	857,325	451,628	938,079	122,037	289,369	97,957	38,299	539,243
26	1930..	745,270	455,750	676,910	72,000	716,567	93,777	43,500	802,393
27	1920..	(1)	.....	397,850	(1)	323,378	55,082	50,965	396,113
28	Estimated cost when completed.....dollars.....1940..	857,325	451,628	944,079	122,037	289,369	97,957	38,299	539,243
29	1930..	745,270	455,750	676,910	77,000	716,567	93,777	43,500	812,393
30	1920..	(1)	.....	398,850	(1)	351,553	55,082	50,965	396,113
31	Average cost per acre when completed.....dollars.....1940..	14.73	20.48	14.77	13.40	9.02	13.21	5.44	27.21
32	1930..	17.61	20.33	14.31	8.11	17.39	8.16	6.19	41.34
33	1920..	(1)	.....	9.56	(1)	10.14	8.09	4.22	24.57
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	857,325	451,628	844,079	.....	289,369	97,957	38,299	108,243
35	Average amount per acre.....dollars..	14.73	20.48	14.62	.....	9.02	13.21	5.44	14.11
36	Enterprises having open ditches and levees.....dollars..	.....	.....	100,000	122,037	.....	.....	.....	125,000
37	Average amount per acre.....dollars..	.....	.....	16.25	13.40	.....	.....	.....	57.05
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	.....	.....	.....	.....	.....	.....	.....	306,000
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	30.74
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	(4)
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	2
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	(4)
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	(4)
52	By enterprises not operating pumping plants.....dollars..	1,935	(4)	17,908	1,930	.....	.....	(4)	(4)
53	Enterprises reporting.....number...	6	2	4	3	.....	.....	2	2
54	Land in these enterprises.....acres....	44,480	(4)	29,134	6,012	.....	.....	(4)	(4)
55	Average cost per acre.....dollars..	0.04	(4)	0.61	0.32	.....	.....	(4)	(4)
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	.....	.....	1	3	.....	.....	.....	2
57	Land in these enterprises.....acres....	.....	.....	(4)	5,000	.....	.....	.....	(4)
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	28,318	(4)	28,295	5,574	(4)	.....	(4)	(4)
59	Enterprises reporting.....number...	5	2	5	3	1	.....	2	2
60	Land in these enterprises.....acres....	42,640	(4)	33,931	6,530	(4)	.....	(4)	(4)
61	Average amount collected per acre.....dollars..	0.66	(4)	0.83	0.85	(4)	.....	(4)	(4)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	4,530	(4)	9,284	(4)	(4)	(4)	.....	5,866
63	Enterprises reporting.....number...	3	1	5	1	1	1	.....	4
64	Land in these enterprises.....acres....	19,249	(4)	33,931	(4)	(4)	(4)	.....	17,517
65	Portion delinquent in these enterprises.....percent..	23.5	(4)	27.4	(4)	(4)	(4)	.....	33.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	194,527	(4)	41,300	(4)	(4)	(4)	.....	117,747
67	Enterprises reporting.....number...	6	2	3	2	1	1	.....	5
68	Land in these enterprises.....acres....	48,772	(4)	5,777	(4)	(4)	(4)	.....	19,708
69	Average indebtedness per acre.....dollars..	3.99	(4)	7.15	(4)	(4)	(4)	.....	5.97
70	Indebtedness in arrears, Dec. 31, 1939:.....dollars..	79,224	(4)	(4)	(4)	.....	(4)	.....	17,747
71	Enterprises reporting.....number...	3	1	1	1	.....	1	.....	3
72	Land in these enterprises.....acres....	28,405	(4)	(4)	(4)	.....	(4)	.....	12,487
73	Average arrearage per acre.....dollars..	2.79	(4)	(4)	(4)	.....	(4)	.....	1.42
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(4)	.....	.....	(4)	(4)	.....	.....	(4)
75	Enterprises reporting.....number...	2	.....	.....	1	1	.....	.....	2
76	Land in these enterprises.....acres....	(4)	.....	.....	(4)	(4)	.....	.....	(4)
77	Average reduction per acre.....dollars..	(4)	.....	.....	(4)	(4)	.....	.....	(4)

[1] Included in "Other counties."
[2] Pump located in Marion County.
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Lincoln	Linn	Living-ston	Macon	Marion	Mercer	Missis-sippi	New Madrid	Nodaway
	DRAINAGE WORKS										
1	Drainage enterprises..... number	1940	7	3	7	3	3	6	17	20	12
	Open ditches:										
2	Completed..... miles	1940	51.3	23.1	88.8	32.0	50.0	31.5	292.3	656.9	98.3
3		1930	57.3	18.0	82.3	(1)	49.0	29.8	207.0	612.1	87.2
4		1920	29.2	(1)	74.7	19.0	17.7	.....	210.5	698.6	36.2
5	Additional length authorized..... miles	1940	.....	.....	.....	.....	.....	6.0	.....	11.5	1.9
	Tile drains:										
6	Completed..... miles	1940	8.5	.....	1.5	.....	26.0	.....	99.5	.....	.....
7		1930	.....	.....	.....	.....	24.5	.....	21.4	.....	.....
8		1920	.....	(1)	.....	.....	26.9	.....	2.8	.....	.....
9	Additional length authorized..... miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed..... miles	1940	36.0	.....	.....	.....	35.0	.....	33.0	85.0	.....
11		1930	52.5	.....	3.0	(1)	37.2	.....	39.8	90.6	.....
12		1920	24.0	(1)	.....	.....	23.6	.....	20.8	45.7	.....
13	Additional length authorized..... miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity..... horsepower	1940	375	.....	.....	.....	1,150	.....	.....	.....	.....
15		1930	550	.....	.....	.....	1,200	.....	.....	.....	.....
16		1920	(2)	.....	.....	.....	1,500	.....	.....	.....	.....
17	Pump capacity..... gal. per min.	1940	148,000	.....	.....	.....	232,000	.....	.....	.....	.....
18		1930	166,000	.....	.....	.....	300,000	.....	.....	.....	.....
19		1920	(2)	.....	.....	.....	225,000	.....	.....	.....	.....
20	Land served by pumps..... acres	1940	13,460	.....	.....	.....	25,173	.....	.....	.....	.....
21		1930	11,900	.....	.....	.....	22,953	.....	.....	.....	.....
22		1920	15,000	.....	.....	.....	23,794	.....	.....	.....	.....
23	Wells pumped for drainage..... number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1..... dollars	1940	593,144	320,650	901,031	286,900	901,000	160,640	2,073,879	9,205,648	513,217
26		1930	615,500	544,166	1,052,580	(1)	1,237,424	171,310	2,203,610	6,825,333	630,253
27		1920	273,400	(1)	278,710	140,000	919,605	.....	1,435,050	3,640,650	130,000
28	Estimated cost when completed..... dollars	1940	593,144	320,650	901,031	286,900	901,000	185,640	2,073,879	9,214,648	523,217
29		1930	659,500	544,166	1,052,580	(1)	1,257,424	171,310	2,203,610	6,825,333	643,253
30		1920	273,400	(1)	326,710	140,000	919,605	.....	1,679,300	3,976,150	130,000
31	Average cost per acre when completed..... dollars	1940	22.51	18.07	10.07	10.27	35.79	10.76	9.45	23.86	16.18
32		1930	25.78	29.15	11.31	(1)	54.78	11.71	9.37	17.93	15.75
33		1920	16.27	(1)	6.78	8.12	38.65	.....	8.20	10.71	8.02
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only..... dollars		28,700	320,650	895,031	286,900	.....	185,640	615,848	4,998,551	523,217
35	Average amount per acre..... dollars		9.29	18.07	10.06	10.27	.....	10.76	8.12	25.64	16.18
36	Enterprises having open ditches and levees..... dollars		252,500	.....	.....	.....	.....	.....	750,000	4,216,097	.....
37	Average amount per acre..... dollars		39.45	.....	.....	.....	.....	.....	12.72	22.05	.....
38	Enterprises having tile only..... dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre..... dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees..... dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre..... dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile..... dollars		.....	.....	6,000	.....	.....	.....	708,031	.....	.....
43	Average amount per acre..... dollars		.....	.....	12.93	.....	.....	.....	8.36	.....	.....
44	Enterprises having ditches, tile, and levees..... dollars		37,000	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre..... dollars		10.88	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3] ..... dollars		274,944	.....	.....	.....	901,000	.....	.....	.....	.....
47	Average amount per acre..... dollars		20.43	.....	.....	.....	35.79	.....	.....	.....	.....
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants..... dollars		(4)	.....	.....	.....	15,311	.....	.....	.....	.....
49	Enterprises reporting..... number		2	.....	.....	.....	3	.....	.....	.....	.....
50	Land in these enterprises..... acres		(4)	.....	.....	.....	25,173	.....	.....	.....	.....
51	Average cost per acre..... dollars		(4)	.....	.....	.....	0.61	.....	.....	.....	.....
52	By enterprises not operating pumping plants..... dollars		1,000	(4)	2,755	(4)	.....	(4)	5,500	89,935	858
53	Enterprises reporting..... number		4	2	3	1	.....	2	3	9	5
54	Land in these enterprises..... acres		11,688	(4)	75,464	(4)	.....	(4)	79,107	335,411	14,811
55	Average cost per acre..... dollars		0.08	(4)	0.04	(4)	.....	(4)	0.07	0.27	0.06
	Federal aid in maintenance:										
56	Enterprises reporting..... number		1	.....	.....	.....	2	.....	16	22	.....
57	Land in these enterprises..... acres		(4)	.....	.....	.....	(4)	.....	190,726	373,449	.....
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939..... dollars		33,907	(4)	(4)	(4)	22,860	(4)	37,043	217,426	29,318
59	Enterprises reporting..... number		5	2	2	1	3	2	9	16	9
60	Land in these enterprises..... acres		24,188	(4)	(4)	(4)	25,173	(4)	146,146	369,011	23,359
61	Average amount collected per acre..... dollars		1.40	(4)	(4)	(4)	0.91	(4)	0.25	0.59	1.26
62	Area delinquent in drainage taxes, Dec. 31, 1939..... acres		997	(4)	71,359	.....	8,528	(4)	(4)	28,131	2,243
63	Enterprises reporting..... number		4	2	3	.....	3	1	1	5	7
64	Land in these enterprises..... acres		20,988	(4)	79,994	.....	25,173	(4)	(4)	124,925	21,407
65	Portion delinquent in these enterprises..... percent		4.8	(4)	89.2	.....	33.9	(4)	(4)	22.5	10.5
66	Total indebtedness, Dec. 31, 1939..... dollars		173,378	(4)	410,000	(4)	68,976	42,500	390,038	1,235,104	178,734
67	Enterprises reporting..... number		5	2	4	2	3	3	8	14	9
68	Land in these enterprises..... acres		24,188	(4)	80,458	(4)	25,173	8,021	145,650	343,231	23,209
69	Average indebtedness per acre..... dollars		7.17	(4)	5.10	(4)	2.74	5.30	2.68	3.60	7.70
70	Indebtedness in arrears, Dec. 31, 1939..... dollars		(4)	(4)	252,600	.....	(4)	.....	(4)	69,650	8,100
71	Enterprises reporting..... number		2	2	4	.....	2	.....	1	3	3
72	Land in these enterprises..... acres		(4)	(4)	80,458	.....	(4)	.....	(4)	92,480	4,656
73	Average arrearage per acre..... dollars		(4)	(4)	3.14	.....	(4)	.....	(4)	0.75	1.74
74	Reduction of debt by refinancing, prior to 1940..... dollars		(4)	(4)	.....	.....	.....	(4)	.....	1,868,825	31,819
75	Enterprises reporting..... number		2	1	.....	.....	.....	1	.....	8	3
76	Land in these enterprises..... acres		(4)	(4)	.....	.....	.....	(4)	.....	229,543	12,229
77	Average reduction per acre..... dollars		(4)	(4)	.....	.....	.....	(4)	.....	8.14	2.60

[1] Included in "Other counties."
[2] Pump located in Pike County.
[3] Data in lines 46 and 47 are not included in lines 34 to 45.
[4] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Pemiscot	Perry[1]	Platte[1]	Ray	Ripley	St. Charles	Saline
	DRAINAGE WORKS								
1	Drainage enterprises	number 1940	13	1	1	4	3	5	7
	Open ditches:								
2	Completed	miles 1940	600.6	40.0	4.0	38.0	28.0	23.5	56.5
3		1930	580.2	30.0	5.0	30.7	29.5	40.5	69.3
4		1920	246.8	20.0	3.2	17.8	31.2	18.7	21.3
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed	miles 1940	.....	.....	.....	9.5	.....	0.1	.....
7		1930	.....	.....	.....	0.5	.....	.....	.....
8		1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed	miles 1940	15.0	.....	.....	12.2	.....	4.0	17.5
11		1930	47.0	.....	10.0	7.8	.....	3.0	19.0
12		1920	20.0	10.0	.....	1.3	.....	.....	9.4
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	75
16		1920	.....	.....	.....	.....	.....	.....	60
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	7000
19		1920	.....	.....	.....	.....	.....	.....	7000
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	575
22		1920	.....	.....	.....	.....	.....	.....	1000
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1	dollars 1940	6,441,883	94,000	12,480	229,500	171,760	183,285	486,155
26		1930	5,650,231	165,880	37,500	238,500	99,015	204,182	453,535
27		1920	2,359,988	122,000	15,000	77,175	90,260	79,339	82,542
28	Estimated cost when completed	dollars 1940	6,441,883	94,000	12,480	229,500	171,760	183,285	486,155
29		1930	5,650,231	165,880	37,500	238,500	99,015	204,182	524,535
30		1920	3,624,505	122,000	15,000	77,175	90,260	80,339	82,542
31	Average cost per acre when completed	dollars 1940	23.98	5.09	2.01	14.82	7.09	8.69	17.68
32		1930	20.87	6.64	5.68	16.84	3.22	7.72	15.72
33		1920	13.42	4.88	3.05	10.36	3.05	4.40	11.49
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only	dollars	4,366,354	94,000	12,480	.....	171,760	105,361	280,000
35	Average amount per acre	dollars	22.84	5.09	2.01	.....	7.09	7.20	16.88
36	Enterprises having open ditches and levees	dollars	2,075,529	.....	.....	54,500	.....	66,900	206,155
37	Average amount per acre	dollars	26.78	.....	.....	9.20	.....	21.29	18.90
38	Enterprises having tile only	dollars	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	35,000	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	8.62	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	.....	.....	.....	.....	.....	11,024	.....
43	Average amount per acre	dollars	.....	.....	.....	.....	.....	3.34	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	140,000	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	25.45	.....	.....	.....
46	Enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	71,135	1,500	64	840	.....	(2)	794
53	Enterprises reporting	number	8	1	1	3	.....	2	4
54	Land in these enterprises	acres	258,561	18,480	6,213	11,422	.....	(2)	17,530
55	Average cost per acre	dollars	0.28	0.08	0.01	0.07	.....	(2)	0.04
	Federal aid in maintenance:								
56	Enterprises reporting	number	8	.....	.....	2	.....	1	1
57	Land in these enterprises	acres	250,574	.....	.....	(2)	.....	(2)	(2)
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939	dollars	135,014	1,650	1,000	8,730	.....	(2)	(2)
59	Enterprises reporting	number	9	1	1	3	.....	2	2
60	Land in these enterprises	acres	258,561	18,480	6,213	11,422	.....	(2)	(2)
61	Average amount collected per acre	dollars	0.52	0.09	0.16	0.76	.....	(2)	(2)
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	26,152	.....	900	(2)	.....	(2)	(2)
63	Enterprises reporting	number	8	.....	1	2	.....	2	2
64	Land in these enterprises	acres	182,512	.....	6,213	(2)	.....	(2)	(2)
65	Portion delinquent in these enterprises	percent	14.3	.....	14.5	(2)	.....	(2)	(2)
66	Total indebtedness, Dec. 31, 1939	dollars	630,142	.....	.....	18,096	.....	(2)	160,600
67	Enterprises reporting	number	6	.....	.....	3	.....	1	4
68	Land in these enterprises	acres	167,406	.....	.....	10,273	.....	(2)	20,515
69	Average indebtedness per acre	dollars	3.76	.....	.....	1.76	.....	(2)	7.83
70	Indebtedness in arrears, Dec. 31, 1939	dollars	(2)	.....	.....	(2)	.....	.....	(2)
71	Enterprises reporting	number	1	.....	.....	1	.....	.....	2
72	Land in these enterprises	acres	(2)	.....	.....	(2)	.....	.....	(2)
73	Average arrearage per acre	dollars	(2)	.....	.....	(2)	.....	.....	(2)
74	Reduction of debt by refinancing, prior to 1940	dollars	1,790,060	.....	.....	.....	.....	.....	(2)
75	Enterprises reporting	number	7	.....	.....	.....	.....	.....	1
76	Land in these enterprises	acres	234,060	.....	.....	.....	.....	.....	(2)
77	Average reduction per acre	dollars	7.65	.....	.....	.....	.....	.....	(2)

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

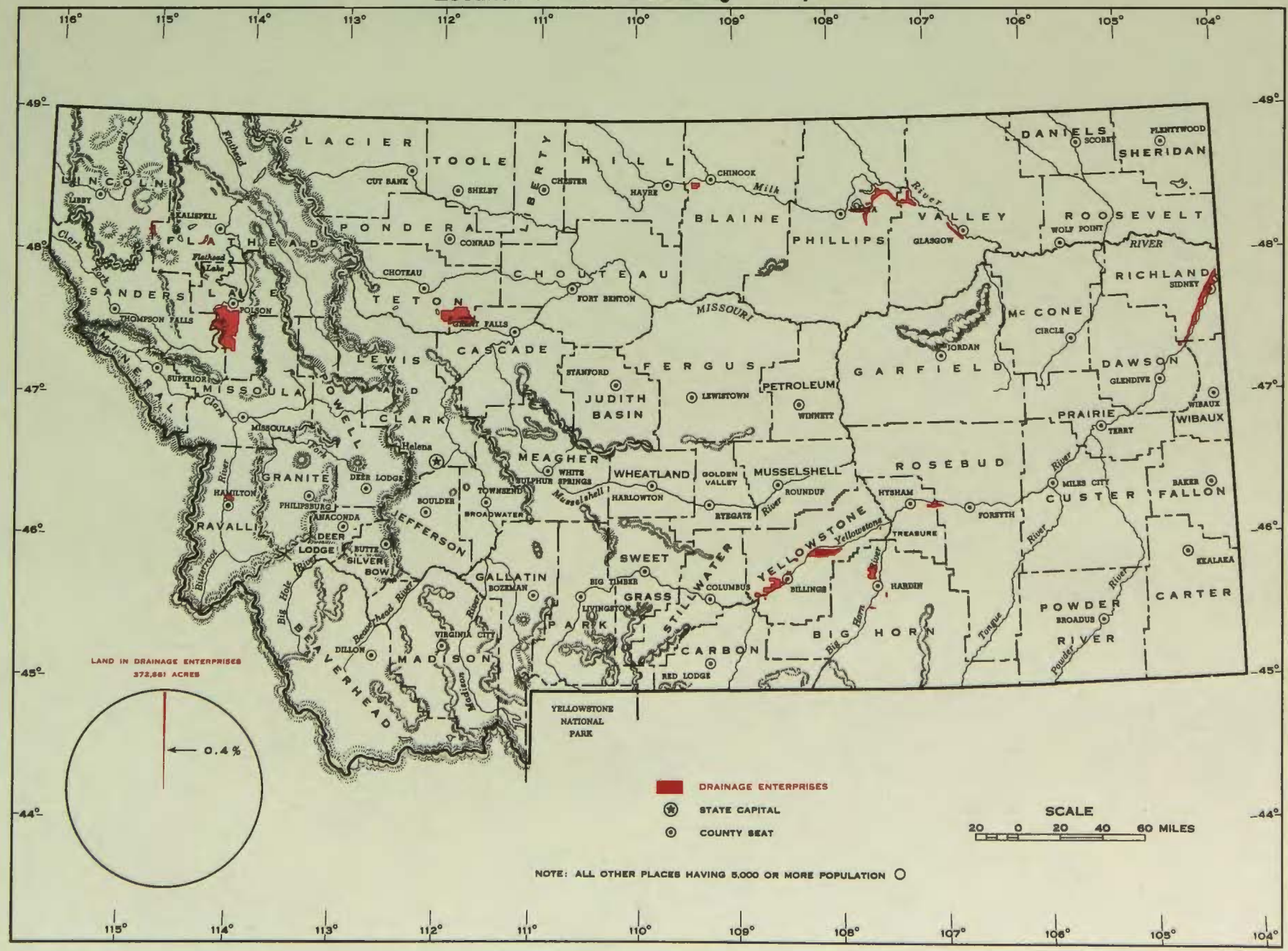
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Schuyler	Scotland	Scott	Shelby	Stoddard	Worth	Other counties[1]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	3	9	11	3	29	3	20
	Open ditches:							
2	Completed.....miles.....1940..	16.2	96.9	232.2	17.1	593.6	27.5	195.4
3	1930..	15.8	96.4	192.3	14.7	570.0	[2]	250.2
4	1920..	[2]	37.5	245.2	12.7	459.5	2.3	158.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	15.0	.....	1.2	.....	.....	.....	0.4
7	1930..	.....	.....	1.2	.....	.....	.....	.....
8	1920..	[2]	.....	.....	.....	.....	.....	0.4
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	3.0	.....	13.3	.....	54.2	.....	37.1
11	1930..	.....	.....	16.0	10.2	52.0	.....	81.8
12	1920..	[2]	.....	25.0	10.2	0.5	.....	41.5
13	Additional length authorized.....miles.....1940..	2.0	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	60	.....	.....	.....	.....	.....	80
15	1930..	.....	.....	.....	.....	.....	.....	333
16	1920..	.....	.....	.....	.....	.....	.....	550
17	Pump capacity.....gal. per min..1940..	10,000	.....	.....	.....	.....	.....	20,000
18	1930..	.....	.....	.....	.....	.....	.....	60,430
19	1920..	.....	.....	.....	.....	.....	.....	190,000
20	Land served by pumps.....acres.....1940..	2,200	.....	.....	.....	.....	.....	9,890
21	1930..	.....	.....	.....	.....	.....	.....	22,576
22	1920..	.....	.....	.....	.....	.....	.....	14,430
23	Wells pumped for drainage.....number.....1940..	1	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	119,500	445,689	2,520,494	124,796	5,434,445	242,000	2,754,428
26	1930..	87,571	491,893	1,635,057	104,000	5,125,588	[2]	3,573,514
27	1920..	[2]	144,324	989,981	90,588	2,659,540	16,000	1,680,657
28	Estimated cost when completed.....dollars.....1940..	119,500	445,689	2,520,494	124,796	5,434,445	242,000	2,754,428
29	1930..	87,571	491,893	1,746,057	104,000	5,125,588	[2]	3,588,614
30	1920..	[2]	144,324	1,008,981	90,588	2,996,940	170,000	2,111,182
31	Average cost per acre when completed.....dollars.....1940..	17.57	20.83	15.82	12.96	16.21	20.72	21.48
32	1930..	14.59	5.53	15.73	7.54	15.01	[2]	19.58
33	1920..	[2]	9.55	6.54	9.34	7.99	24.24	13.40
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	64,500	445,689	1,473,698	124,796	909,221	242,000	1,644,416
35	Average amount per acre.....dollars..	15.36	20.83	13.14	12.96	4.98	20.72	16.17
36	Enterprises having open ditches and levees.....dollars..	.....	.....	949,244	.....	4,525,224	.....	485,956
37	Average amount per acre.....dollars..	.....	.....	24.52	.....	29.63	.....	33.29
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	72,000
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	35.16
42	Enterprises having open ditches and tile.....dollars..	.....	.....	97,552	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	11.43	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3].....dollars..	55,000	.....	.....	.....	.....	.....	552,056
47	Average amount per acre.....dollars..	21.15	.....	.....	.....	.....	.....	55.82
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	[4]	.....	.....	.....	.....	.....	[4]
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	2
50	Land in these enterprises.....acres....	[4]	.....	.....	.....	.....	.....	[4]
51	Average cost per acre.....dollars..	[4]	.....	.....	.....	.....	.....	[4]
52	By enterprises not operating pumping plants.....dollars..	[4]	1,779	15,653	.....	[4]	[4]	11,587
53	Enterprises reporting.....number...	2	4	10	.....	1	1	11
54	Land in these enterprises.....acres....	[4]	6,913	135,871	.....	[4]	[4]	41,901
55	Average cost per acre.....dollars..	[4]	0.26	0.12	.....	[4]	[4]	0.20
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	1	.....	1	.....	2
57	Land in these enterprises.....acres....	.....	.....	[4]	.....	[4]	.....	[4]
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	[4]	4,695	54,305	.....	[4]	[4]	87,750
59	Enterprises reporting.....number...	2	3	9	.....	2	1	12
60	Land in these enterprises.....acres....	[4]	4,452	141,856	.....	[4]	[4]	49,391
61	Average amount collected per acre.....dollars..	[4]	1.05	0.38	.....	[4]	[4]	1.78
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	[4]	1,214	10,159	[4]	.....	[4]	18,084
63	Enterprises reporting.....number...	1	3	6	1	.....	1	10
64	Land in these enterprises.....acres....	[4]	4,558	73,611	[4]	.....	[4]	57,590
65	Portion delinquent in these enterprises.....percent..	[4]	26.6	13.8	[4]	.....	[4]	31.4
66	Total indebtedness, Dec. 31, 1939.....dollars..	[4]	29,500	265,064	[4]	1,026,979	[4]	463,405
67	Enterprises reporting.....number...	1	3	5	1	11	1	11
68	Land in these enterprises.....acres....	[4]	2,720	76,851	[4]	208,245	[4]	61,380
69	Average indebtedness per acre.....dollars..	[4]	10.84	3.45	[4]	4.93	[4]	7.55
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	[4]	.....	[4]	282,500	.....	200,600
71	Enterprises reporting.....number...	.....	2	.....	1	10	.....	4
72	Land in these enterprises.....acres....	.....	[4]	.....	[4]	77,902	.....	20,378
73	Average arrearage per acre.....dollars..	.....	[4]	.....	[4]	3.63	.....	9.84
74	Reduction of debt by refinancing, prior to 1940.....dollars..	[4]	[4]	[4]	.....	[4]	[4]	176,064
75	Enterprises reporting.....number...	1	1	1	.....	1	2	4
76	Land in these enterprises.....acres....	[4]	[4]	[4]	.....	[4]	[4]	32,749
77	Average reduction per acre.....dollars..	[4]	[4]	[4]	.....	[4]	[4]	5.38

[1] Includes Bates, Boone, Cass, Clay, Cole, Henry, Jackson, Moniteau, Osage, Pettis, Pike, Putnam, St. Louis, Sullivan, and Wayne Counties in 1940; Bates, Boone, Caldwell, Callaway, Cass, Clay, Cole, Franklin, Henry, Jackson, Macon, Moniteau, Osage, Pettis, Pike, Putnam, St. Louis, Sullivan, Wayne, and Worth Counties in 1930; and Andrew, Bates, Buchanan, Caldwell, Callaway, Cass, Clay, Grundy, Henry, Howard, Jackson, Linn, Osage, Pike, Putnam, St. Louis, Schuyler, and Wayne Counties in 1920. [2] Included in "Other counties." [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Where there are less than 3 enterprises reporting, data are included only in State totals.

MONTANA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	93,642,240	93,523,840	93,523,840	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	372,661	167,629	168,682	205,032	122.3	-1,053	-0.6
Improved.....acres.....	330,694	148,768	141,252	181,926	122.3	7,516	5.3
Unimproved:							
Timber and cut-over.....acres.....	7,903	.....	.....	7,903	.....	.....	.....
Other.....acres.....	34,064	18,861	27,430	15,203	80.6	-8,569	-31.2
Drainage sufficient for normal crop.....acres.....	351,531	152,871	(1)	198,660	130.0	.....	.....
Partly drained, for partial crop.....acres.....	4,167	8,370	(1)	-4,203	-50.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	16,963	6,388	[2] 19,630	10,575	165.5	-13,242	-67.4
In occupied farms.....acres.....	362,711	150,844	(1)	211,867	140.4	.....	.....
In planted crops.....acres.....	291,952	114,266	(1)	177,686	155.5	.....	.....
Idle.....acres.....	24,401	18,170	(1)	6,231	34.3	.....	.....
Available for settlement.....acres.....	.....	7,243	(1)	-7,243	-100.0	.....	.....
Open ditches, completed.....miles.....	420.9	284.2	102.1	136.7	48.1	182.1	178.4
Tile drains, completed.....miles.....	73.8	76.7	50.7	-2.9	-3.8	26.0	51.3
Capital invested in enterprises.....dollars.....	2,827,839	1,879,296	664,990	948,543	50.5	1,214,306	182.6
Average per acre.....dollars.....	7.59	11.21	3.94	-3.62	-32.3	7.27	184.5

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises.....	374,189	167,629	168,682	372,661
100 to 199 acres.....	.....	120	.....	.....
200 to 499 acres.....	1,275	387	.....	1,275
500 to 999 acres.....	5,336	4,093	1,307	5,336
1,000 to 1,999 acres.....	17,267	34,157	23,711	15,739
2,000 to 4,999 acres.....	22,145			22,145
5,000 to 9,999 acres.....	20,059	11,792	19,664	20,059
10,000 to 19,999 acres.....	44,775	117,080	24,000	44,775
20,000 to 49,999 acres.....	143,853			143,853
100,000 acres and over.....	119,479	.....	100,000	119,479

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	372,661	100.0	2,827,839	100.0
Drainage districts.....	47,418	12.7	1,140,558	40.3
County drains.....	6,000	1.6	16,000	0.6
Irrigation enterprises:				
Federal[1].....	298,291	80.0	1,503,581	53.2
Other.....	13,952	3.7	55,000	1.9
Individually owned projects.....	7,000	1.9	112,700	4.0

[1] Including projects or divisions of projects of United States Bureau of Reclamation operated by water users.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	372,661	100.0	167,629	100.0	168,682	100.0	2,827,839	100.0	1,879,296	100.0	664,990	100.0
Gravity drainage only by—												
Open ditches.....	150,568	40.4	73,095	43.6			1,727,397	61.1	669,541	35.6		
Tile drains.....	5,016	1.3	3,817	2.3	168,682	100.0	370,000	13.1	59,904	3.2	664,990	100.0
Open ditches and tile drains..	217,077	58.3	90,717	54.1			730,442	25.8	1,149,851	61.2		

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	372,661	100.0	167,629	100.0	2,827,839	100.0	1,879,296	100.0	1,851	6,720
Enterprises in arrears	47,945	12.9	7,070	4.2	942,576	33.3	28,000	1.5	1,057	.....
With some delinquent land	32,805	8.8	.....	.....	654,072	23.1	.....	.....	1,057	.....
With no delinquent land	3,140	0.9	.....	.....	78,504	2.8	.....	.....	.....	.....
With no report on delinquency	12,000	3.2	7,070	4.2	210,000	7.4	28,000	1.5	.....	.....
Enterprises not in arrears	324,716	87.1	160,559	95.8	1,885,263	66.7	1,851,296	98.5	794	6,720
With some delinquent land	5,209	1.4	70,500	42.1	191,431	6.8	929,616	49.5	794	6,720
With no delinquent land	319,009	85.6	90,059	53.7	1,683,832	59.5	921,680	49.0	.....	.....
With no report on delinquency	498	0.1	.....	.....	10,000	0.4	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	372,661	2,827,839	1,503,091	3,640	125,232	1,851	48,707
Enterprises in debt	275,204	2,114,789	1,503,091	3,640	125,232	1,401	30,412
In arrears, amount of arrearage stated	47,945	942,576	559,881	3,640	117,700	1,057	21,714
Collecting drainage taxes in 1939	47,945	942,576	559,881	3,640	117,700	1,057	21,714
Not in arrears	227,259	1,172,213	943,210	.....	7,532	344	8,698
Collecting drainage taxes in 1939	187,957	737,559	594,471	.....	7,532	44	8,698
No collections reported	39,302	434,654	348,739	.....	.....	300	.....
Enterprises not in debt	96,573	696,550	.....	.....	.....	450	16,697
Collecting drainage taxes in 1939	19,385	478,383	.....	.....	.....	450	16,697
No collections reported	77,188	218,167	.....	.....	.....	.....	.....
Enterprises not reporting as to debt	884	16,500	.....	.....	.....	.....	1,598
Collecting drainage taxes in 1939	884	16,500	.....	.....	.....	.....	1,598

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	372,661	100.0	2,827,839	100.0
Improvement of land already in farms	54,227	14.6	1,157,258	40.9
Reclamation of swamp land not previously in farms	6,100	1.6	109,500	3.9
Protection against overflow	6,000	1.6	16,000	0.6
Removal of alkali or seepage from irrigation	306,334	82.2	1,545,081	54.6

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	372,661	100.0	374,189	1,528	2,827,839	100.0
1900–1904	4,450	1.2	4,450	.....	66,000	2.3
1905–1909	15,794	4.2	15,794	.....	208,500	7.4
1910–1914	3,007	0.8	3,007	.....	48,000	1.7
1915–1919	125,479	33.7	125,479	.....	71,263	2.5
1920–1924	107,176	28.8	108,704	1,528	1,532,598	54.2
1925–1929	99,583	26.7	99,583	.....	697,692	24.7
1930–1934	8,811	2.4	8,811	.....	97,160	3.4
1935–1939	8,361	2.2	8,361	.....	106,626	3.8

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	372,661	351,531	94.3	4,167	16,963	330,694	88.7	7,903	34,064	362,711	97.3	291,952	24,401	.....
1900-1904	4,450	4,450	100.0	.....	.....	4,450	100.0	.....	.....	4,450	100.0	4,450	.....	.....
1905-1909	15,794	14,394	91.1	300	1,100	15,194	96.2	.....	600	15,794	100.0	12,943	880	.....
1910-1914	3,007	3,007	100.0	.....	.....	3,007	100.0	.....	.....	3,007	100.0	2,507	.....	.....
1915-1919	125,479	124,279	99.0	500	700	94,678	75.4	7,453	23,348	122,727	97.8	72,439	8,957	.....
1920-1924	107,176	96,941	90.4	453	9,782	102,354	95.5	.....	4,822	100,775	94.0	92,152	8,062	.....
1925-1929	99,583	92,059	92.4	2,914	4,610	94,479	94.9	450	4,654	99,533	99.9	93,284	4,845	.....
1930-1934	8,811	8,611	97.7	.....	200	8,611	97.7	.....	200	8,811	100.0	7,500	820	.....
1935-1939	8,361	7,790	93.2	.....	571	7,921	94.7	.....	440	7,614	91.1	6,677	837	.....

[1]Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	372,661	100.0	2,827,839	100.0
Method:				
By district forces	331,431	89.0	2,235,920	79.1
By contract	20,541	5.5	248,428	8.8
Work apportioned to landowners	13,899	3.7	243,585	8.6
"None," or not reporting	6,790	1.8	99,906	3.5
Whether systematic:				
Reporting "yes"	206,840	55.5	2,161,172	76.4
Reporting "no"	165,821	44.5	666,667	23.6

STATE TABLE 11.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	372,661	372,661	295,151	77,510	32,713	0.09	0.11
Gravity drainage only	372,661	372,661	295,151	77,510	32,713	0.09	0.11
Open ditches only	150,568	150,568	129,358	21,210	22,739	0.15	0.18
Open ditches and levees	.....	.....	.....	.....	.....	.....	.....
Tile drains only	5,016	5,016	4,016	1,000	1,635	0.32	0.41
Tile drains and levees	.....	.....	.....	.....	.....	.....	.....
Open ditches and tile drains	187,577	187,577	132,277	55,300	1,832	0.01	0.01
Open ditches, tile drains, and levees	29,500	29,500	29,500	.....	6,507	0.22	0.22

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	372,661	200,203	53.7
Capital invested.....dollars	2,827,839	1,043,243	36.9
Drainage works:			
Open ditches.....miles	420.9	162.0	38.5
Tile drains.....miles	73.8	58.0	78.6
Levees.....miles	0.8	0.8	100.0

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received	7,221	243,889	11.5	3.6	.....
Work Projects Administration	3,759	178,889	7.0	2.2	.....
Other kind or combination	3,462	65,000	4.5	1.4	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)			THE STATE	Big Horn	Blaine[1]	Cascade[1]	Dawson[1]	Deer Lodge[1]
	LAND AREA								
1	Approximate land area	acres	1940	93,642,240	3,221,120	2,730,880	1,701,120	1,509,120	472,320
2	Drainage enterprises	number	1940	[2]39	3	1	1	1	1
3	Land in enterprises	acres	1940	372,661	14,184	7,159	13,335	884	1,000
4			1930	167,629	12,100	.....	6,592	903	3,000
5			1920	168,682	.....	.....	.....	.....	1,000
6	Area of all enterprises, overlapping included	acres	1940	374,189	14,184	7,159	13,335	884	1,000
7	Amount of overlapping	acres	1940	1,528	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres	1940	351,531	14,184	7,014	12,395	734	1,000
9			1930	152,871	12,100	.....	6,400	753	2,000
10	Increase or decrease (-), 1930-1940	acres		198,660	2,084	7,014	5,995	-19	-1,000
11		percent		130.0	17.2	.....	93.7	-2.5	-50.0
12	Land undrained, unfit for any crop	acres	1940	16,963	.....	145	940	100	.....
13			1930	6,388	.....	.....	192	.....	.....
14	Increase or decrease (-), 1930-1940	acres		10,575	.....	145	748	100	.....
15		percent		165.5	.....	.....	389.6	.....	.....
16	Land partly drained, for partial crop	acres	1940	4,167	.....	.....	.....	50	.....
17			1930	8,370	.....	.....	.....	150	1,000
18	Increase or decrease (-), 1930-1940	acres		-4,203	.....	.....	.....	-100	-1,000
19		percent		-50.2	.....	.....	.....	-66.7	-100.0
20	Improved land	acres	1940	330,694	14,184	7,014	12,920	734	1,000
21			1930	148,768	11,100	.....	6,000	853	1,200
22			1920	141,252	.....	.....	.....	.....	1,000
	Unimproved land:								
23	Woodland and cut-over land	acres	1940	7,903	.....	.....	.....	50	.....
24			1930	.....	.....	.....	.....	.....	.....
25			1920	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	34,064	.....	145	415	100	.....
27			1930	18,861	1,000	.....	592	50	1,800
28			1920	27,430	.....	.....	.....	.....	[3]
29	Land in occupied farms	acres	1940	362,711	14,184	7,159	13,335	884	1,000
30			1930	150,844	12,100	.....	6,040	903	1,200
31	Increase or decrease (-), 1930-1940	acres		211,867	2,084	7,159	7,295	-19	-200
32		percent		140.4	17.2	.....	120.8	-2.1	-16.7
33	Land in planted crops	acres	1940	291,952	12,950	5,918	11,560	734	500
34			1930	114,266	.....	.....	4,500	800	1,200
35	Increase or decrease (-), 1930-1940	acres		177,686	12,950	5,918	7,060	-66	-700
36		percent		155.5	.....	.....	156.9	-8.2	-58.3
37	Land idle	acres	1940	24,401	234	180	1,000	150	.....
38			1930	18,170	.....	.....	1,692	50	1,800
39	Increase or decrease (-), 1930-1940	acres		6,231	234	180	-692	100	-1,800
40		percent		34.3	.....	.....	-40.9	200.0	-100.0
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	.....
42			1930	7,243	.....	.....	400	.....	1,800
43	Increase or decrease (-), 1930-1940	acres		-7,243	.....	.....	-400	.....	-1,800
44		percent		-100.0	.....	.....	-100.0	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres		150,568	12,884	.....	13,335	884	.....
46	Length of these ditches	miles		315.7	51.5	.....	21.0	2.0	.....
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		5,016	.....	.....	.....	.....	1,000
53	Length of these tile	miles		13.2	.....	.....	.....	.....	5.0
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		187,577	1,300	7,159	.....	.....	.....
60	Length of these open ditches	miles		58.2	0.5	15.0	.....	.....	.....
61	Length of these tile	miles		6.6	0.4	1.5	.....	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		29,500	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		47.0	.....	.....	.....	.....	.....
65	Length of these tile	miles		54.0	.....	.....	.....	.....	.....
66	Length of these levees	miles		0.8	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 34.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

Flathead	Lake[1]	Lincoln[1]	Phillips[1]	Ravalli[1]	Richland[1]	Rosebud[1]	Sheridan[1]	Teton[1]	Treasure[1]	Valley[1]	Yellowstone	
3,313,280	960,000	2,377,600	3,368,960	1,525,760	1,321,600	3,220,480	1,088,000	1,468,160	629,760	3,252,480	1,686,400	1
4	1	1	1	1	1	1	1	1	1	1	18	2
6,564	119,479	390	34,560	6,000	36,388	3,139	387	43,405	3,654	19,440	62,693	3
4,120	.....	3,000	.....	1,000	37,097	3,539	387	35,383	3,531	.....	56,977	4
(3)	.....	(3)	.....	(3)	1,600	.....	.....	.....	.....	.....	47,732	5
6,564	119,479	390	34,560	6,000	36,388	3,139	387	43,405	3,654	19,440	64,221	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,528	7
6,210	118,279	390	34,560	6,000	29,388	2,909	387	35,615	3,384	19,440	59,642	8
2,220	.....	3,000	.....	1,000	32,597	2,650	387	35,083	2,650	.....	52,031	9
3,990	118,279	-2,610	34,560	5,000	-3,209	259	.....	532	734	19,440	7,611	10
179.7	.....	-87.0	.....	500.0	-9.8	9.8	.....	1.5	27.7	.....	14.6	11
.....	700	.....	.....	.....	4,500	230	.....	7,790	270	.....	2,288	12
1,700	.....	.....	.....	.....	1,500	450	.....	300	450	.....	1,796	13
-1,700	700	.....	.....	.....	3,000	-220	.....	7,490	-180	.....	492	14
-100.0	.....	.....	.....	.....	200.0	-48.9	.....	(4)	-40.0	.....	27.4	15
354	500	.....	.....	.....	2,500	.....	.....	.....	.....	.....	763	16
200	.....	.....	.....	.....	3,000	439	.....	.....	431	.....	3,150	17
154	500	.....	.....	.....	-500	-439	.....	.....	-431	.....	-2,387	18
77.0	.....	.....	.....	.....	-16.7	-100.0	.....	.....	-100.0	.....	-75.8	19
6,110	88,678	390	34,560	6,000	31,888	3,139	387	43,405	3,654	19,440	57,191	20
2,420	.....	3,000	.....	1,000	34,597	3,089	387	30,740	3,081	.....	51,301	21
(3)	.....	(3)	.....	(3)	1,600	.....	.....	.....	.....	.....	42,932	22
400	7,453	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
54	23,348	.....	.....	.....	4,500	.....	.....	.....	.....	.....	5,502	26
1,700	.....	.....	.....	.....	2,500	450	.....	4,643	450	.....	5,676	27
(3)	.....	(3)	.....	(3)	(3)	.....	.....	.....	.....	.....	4,800	28
6,564	116,727	390	34,560	6,000	36,388	3,139	387	43,405	3,654	19,440	55,495	29
4,120	.....	3,000	.....	1,000	35,097	3,539	387	30,000	3,531	.....	49,927	30
2,444	116,727	-2,610	34,560	5,000	1,291	-400	.....	13,405	123	19,440	5,568	31
59.3	.....	-87.0	.....	500.0	3.7	-11.3	.....	44.7	3.5	.....	11.2	32
6,110	66,473	390	34,000	5,960	31,888	2,197	320	40,785	2,796	19,000	50,365	33
2,220	.....	3,000	.....	900	30,000	2,850	387	20,490	2,850	.....	45,069	34
3,890	66,479	-2,610	34,000	5,060	1,888	-653	-67	20,295	-54	19,000	5,296	35
175.2	.....	-87.0	.....	562.2	6.3	-22.9	-17.3	99.0	-1.9	.....	11.8	36
.....	8,957	.....	.....	.....	4,500	.....	.....	2,620	429	.....	6,331	37
1,900	.....	.....	.....	.....	1,000	500	.....	5,607	.....	.....	5,621	38
-1,900	8,957	.....	.....	.....	3,500	-500	.....	-2,987	429	.....	710	39
-100.0	.....	.....	.....	.....	350.0	-100.0	.....	-53.3	.....	.....	12.6	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	5,043	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	-5,043	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	-100.0	.....	.....	.....	44
6,564	.....	390	.....	6,000	36,388	3,139	387	43,405	3,654	.....	23,538	45
22.5	.....	1.0	.....	2.0	63.0	2.0	2.0	99.0	3.0	.....	46.7	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,016	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.2	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	119,479	.....	34,560	.....	.....	.....	.....	.....	.....	19,440	5,639	59
.....	30.0	.....	6.0	.....	.....	.....	.....	.....	.....	1.2	5.5	60
.....	2.5	.....	0.1	.....	.....	.....	.....	.....	.....	0.5	1.6	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29,500	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.0	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.0	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[3]Data are not available, included only in State totals.
[4]Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)	THE STATE	Big Horn	Blaine[1]	Cascade[1]	Dawson[1]	Deer Lodge[1]
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	[2] 39	3	1	1	1	1
	Open ditches:						
2	Completed.....miles.....1940..	420.9	52.0	15.0	21.0	2.0	.....
3	1930..	284.2	50.0	.....	3.0	2.0	3.0
4	1920..	102.1	.....	.....	.....	.....	([3])
5	Additional length authorized.....miles.....1940..	63.6	1.6	.....	1.0	.....	.....
	Tile drains:						
6	Completed.....miles.....1940..	73.8	0.4	1.5	.....	.....	5.0
7	1930..	76.7	.....	.....	.....	.....	8.0
8	1920..	50.7	.....	.....	.....	.....	([3])
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Levees and dikes:						
10	Completed.....miles.....1940..	0.8	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED						
25	Capital invested to January 1.....dollars.....1940..	2,827,839	232,160	25,000	80,319	7,756	40,000
26	1930..	1,879,296	225,000	.....	20,746	12,545	120,000
27	1920..	654,990	.....	.....	.....	.....	3,000
28	Estimated cost when completed.....dollars.....1940..	2,928,579	237,160	25,000	84,339	7,756	40,000
29	1930..	1,989,427	225,000	.....	20,746	12,545	120,000
30	1920..	846,466	.....	.....	.....	.....	3,000
31	Average cost per acre when completed.....dollars.....1940..	7.86	16.72	3.49	6.32	8.77	40.00
32	1930..	11.87	18.60	.....	3.15	13.89	40.00
33	1920..	5.02	.....	.....	.....	.....	3.00
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only.....dollars..	1,780,637	231,500	.....	84,339	7,756	.....
35	Average amount per acre.....dollars..	11.83	17.97	.....	6.32	8.77	.....
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	370,000	.....	.....	.....	.....	40,000
39	Average amount per acre.....dollars..	73.76	.....	.....	.....	.....	40.00
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	252,570	5,660	25,000	.....	.....	.....
43	Average amount per acre.....dollars..	1.35	4.35	3.49	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	525,372	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	17.81	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	32,713	([4])	300	500	222	.....
53	Enterprises reporting.....number...	25	2	1	1	1	.....
54	Land in these enterprises.....acres....	295,151	([4])	7,159	13,335	884	.....
55	Average cost per acre.....dollars..	0.11	([4])	0.04	0.04	0.25	.....
	Federal aid in maintenance:						
56	Enterprises reporting.....number...	4	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	7,221	.....	.....	.....	.....	.....
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939.....dollars..	48,707	10,174	1,250	232	.....	.....
59	Enterprises reporting.....number...	22	3	1	1	.....	.....
60	Land in these enterprises.....acres....	256,171	14,184	7,159	13,335	.....	.....
61	Average amount collected per acre.....dollars..	0.19	0.72	0.17	0.02	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	1,851	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	7	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	38,014	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	4.9	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,503,091	([4])	6,449	80,319	7,756	.....
67	Enterprises reporting.....number...	17	1	1	1	1	.....
68	Land in these enterprises.....acres....	275,204	([4])	7,159	13,335	884	.....
69	Average indebtedness per acre.....dollars..	5.46	([4])	0.90	6.02	8.77	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	3,640	([4])	.....	.....	.....	.....
71	Enterprises reporting.....number...	5	1	.....	.....	.....	.....
72	Land in these enterprises.....acres....	47,945	([4])	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	0.08	([4])	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	[5] 125,232	.....	7,532	.....	.....	.....
75	Enterprises reporting.....number...	2	.....	1	.....	.....	.....
76	Land in these enterprises.....acres....	[5] 8,610	.....	7,159	.....	.....	.....
77	Average reduction per acre.....dollars..	[5] 14.54	.....	1.05	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 34.
[3] Data are not available, included only in State totals.

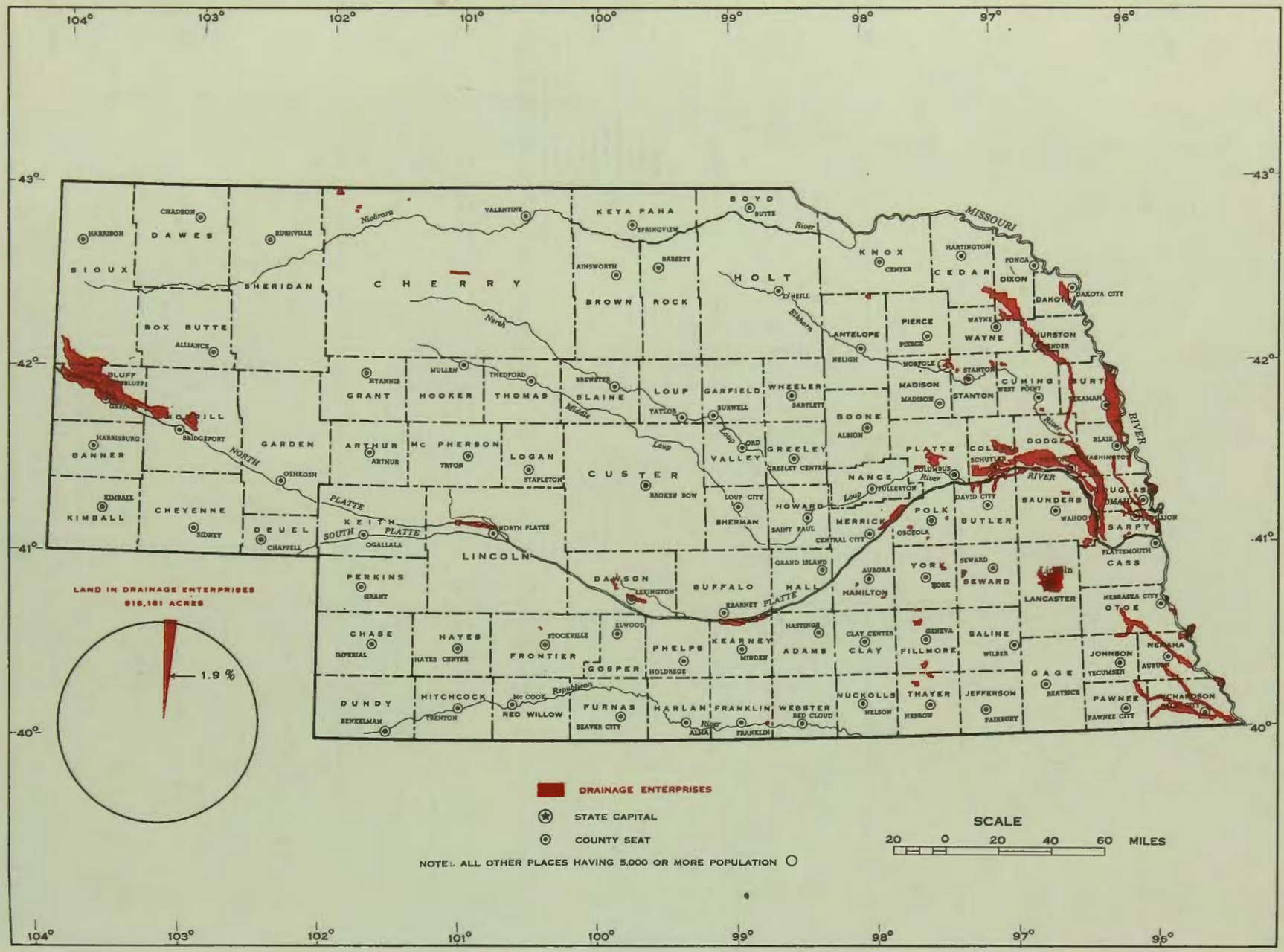
AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Flathead	Lake[1]	Lincoln[1]	Phillips[1]	Ravalli[1]	Richland[1]	Rosebud[1]	Sheridan[1]	Teton[1]	Treasure[1]	Valley[1]	Yellowstone	
4	1	1	1	1	1	1	1	1	1	1	18	1
22.5	30.0	1.0	6.0	2.0	63.0	2.0	2.0	99.0	3.0	1.2	99.2	2
11.1	.....	7.5	.....	8.0	39.3	.....	1.8	24.8	1.0	.....	132.7	3
(3)	.....	(3)	.....	(3)	(3)	.....	.....	.....	.....	.....	41.2	4
.....	50.0	.....	.....	.....	.....	.....	.....	11.0	.....	.....	.....	5
.....	2.5	.....	0.1	.....	.....	.....	.....	.....	.....	0.5	63.8	6
3.0	.....	.....	.....	.....	1.1	.....	.....	.....	2.0	.....	62.6	7
(3)	.....	(3)	.....	(3)	(3)	.....	.....	.....	.....	.....	48.8	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
73,400	55,263	4,800	23,324	16,000	398,852	10,000	3,700	401,592	20,000	4,443	1,430,230	25
30,600	.....	36,000	.....	10,000	270,771	14,100	3,700	169,250	13,900	.....	952,684	26
(3)	.....	(3)	.....	(3)	76,569	.....	.....	.....	.....	.....	409,382	27
73,400	102,763	4,800	23,324	16,000	399,852	10,000	3,700	445,812	20,000	4,443	1,430,230	28
50,600	.....	36,000	.....	10,000	360,902	14,100	3,700	169,250	13,900	.....	952,684	29
(3)	.....	(3)	.....	(3)	76,569	.....	.....	.....	.....	.....	486,815	30
11.18	0.86	12.31	0.67	2.67	10.99	3.18	9.56	10.27	5.47	0.23	22.81	31
12.28	.....	12.00	.....	10.00	9.73	3.98	9.56	4.78	3.94	.....	16.72	32
(3)	.....	(3)	.....	(3)	47.86	.....	.....	.....	.....	.....	10.20	33
73,400	.....	4,800	.....	16,000	399,852	10,000	3,700	445,812	20,000	.....	483,478	34
11.18	.....	12.31	.....	2.67	10.99	3.18	9.56	10.27	5.47	.....	20.54	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	330,000	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82.17	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	102,763	.....	23,324	.....	.....	.....	.....	.....	.....	4,443	91,380	42
.....	0.86	.....	0.67	.....	.....	.....	.....	.....	.....	0.23	16.20	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	525,372	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.81	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
(4)	260	.....	.....	.....	7,180	.....	.....	3,485	.....	.....	18,838	52
1	1	.....	.....	.....	1	.....	.....	1	.....	.....	16	53
(4)	119,479	.....	.....	.....	36,388	.....	.....	43,405	.....	.....	59,763	54
(4)	(5)	.....	.....	.....	0.20	.....	.....	0.08	.....	.....	0.32	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,221	57
(4)	757	.....	.....	.....	.....	.....	.....	1,165	.....	.....	34,229	58
1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	14	59
(4)	119,479	.....	.....	.....	.....	.....	.....	43,405	.....	.....	56,755	60
(4)	0.01	.....	.....	.....	.....	.....	.....	0.03	.....	.....	0.60	61
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,651	62
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	63
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,160	64
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.6	65
(4)	61,894	.....	.....	.....	327,205	.....	.....	401,592	.....	.....	560,876	66
1	1	.....	.....	.....	1	.....	.....	1	.....	.....	9	67
(4)	119,479	.....	.....	.....	36,388	.....	.....	43,405	.....	.....	40,700	68
(4)	0.52	.....	.....	.....	8.99	.....	.....	9.25	.....	.....	13.78	69
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,026	70
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	71
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,091	72
(4)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.06	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[4] Where there are less than 3 enterprises reporting, data are shown only in State totals, except as stated in footnote 1.
[5] Less than 1 cent per acre.
[6] Not distributed by counties.

NEBRASKA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	49,057,920	49,157,120	49,157,120	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	916,181	879,459	607,730	36,722	4.2	271,729	44.7
Improved.....acres.....	855,205	833,511	551,517	21,694	2.6	281,994	51.1
Unimproved:							
Timber and cut-over.....acres.....	17,993	8,031	6,342	9,962	124.0	1,689	26.6
Other.....acres.....	42,983	37,917	49,871	5,066	13.4	-11,954	-24.0
Drainage sufficient for normal crop.....acres.....	878,741	829,681	(1)	49,060	5.9	.....	.....
Partly drained, for partial crop.....acres.....	20,812	39,639	(1)	-18,827	-47.5	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	16,628	10,139	[2] 14,019	6,489	64.0	-3,880	-27.7
In occupied farms.....acres.....	849,948	864,159	(1)	-14,211	-1.6	.....	.....
In planted crops.....acres.....	688,976	743,178	(1)	-54,202	-7.3	.....	.....
Idle.....acres.....	114,696	45,755	(1)	68,941	150.7	.....	.....
Available for settlement.....acres.....	2,000	5,320	(1)	-3,320	-62.4	.....	.....
Open ditches, completed.....miles.....	1,406.7	1,202.3	734.5	204.4	17.0	467.8	63.7
Tile drains, completed.....miles.....	26.3	93.4	359.4	-67.1	-71.8	-266.0	-74.0
Drainage pumping plants, capacity.....horsepower....	70	70	.....	.....	.....	70	.....
gal. per min..	2,200	2,200	.....	.....	.....	2,200	.....
Capital invested in enterprises.....dollars.....	7,578,999	6,847,070	4,588,578	731,929	10.7	2,258,492	49.2
Average per acre.....dollars.....	8.27	7.79	7.55	0.48	6.2	0.24	3.2

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	1,005,541	893,899	708,450	916,181	1,000 to 1,999 acres.....	42,039	139,639	173,192	38,919
					2,000 to 4,999 acres.....	146,617			136,917
Less than 100 acres.....	80	80	320	80	5,000 to 9,999 acres.....	168,646	149,998	115,106	160,464
100 to 199 acres.....	.....	160		.....	10,000 to 19,999 acres.....	225,381	413,263	275,562	191,808
200 to 499 acres.....	2,900	2,464	1,200	2,900	20,000 to 49,999 acres.....	233,213			203,433
500 to 999 acres.....	12,894	15,649	14,570	11,229	50,000 to 99,999 acres.....	173,771	172,646	128,500	170,431

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	916,181	100.0	7,578,999	100.0
Drainage districts.....	457,843	50.0	4,741,288	62.6
County drains.....	264,143	28.8	1,593,672	21.0
Irrigation enterprises:				
Federal[1].....	194,195	21.2	1,242,039	16.4
Other.....	.....	.....	.....	.....
Individually owned projects.....	(2)	.....	2,000	(3)

[1] Includes projects or divisions of projects of United States Bureau of Reclamation operated by water users.

[2] Entirely included in an enterprise organized under a drainage law.

[3] Less than one-tenth of 1 percent.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	916,181	100.0	879,459	100.0	607,730	100.0	7,578,999	100.0	6,847,070	100.0	4,588,578	100.0
Gravity drainage only by—												
Open ditches.....	785,411	85.7	710,607	80.8	583,982	96.1	6,447,266	85.1	5,355,402	78.2	3,988,180	87.0
Tile drains.....	.....	.....	2,900	0.3	6,020	1.0	.....	.....	70,500	1.0	143,000	3.1
Open ditches and tile drains..	98,632	10.8	133,683	15.2	17,728	2.9	938,262	12.4	1,278,134	18.7	457,398	10.0
Part only by pumping by—												
Open ditches.....	.....	.....	32,269	3.7	.....	.....	.....	.....	143,034	2.1	.....	.....
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	32,138	3.5					193,471	2.6				
Total area served by pumps.....	300	(2)	300	(2)	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Less than one-tenth of 1 percent.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises[1]	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	1	70	100.0	2,200	300
	1930	1	70	100.0	2,200	300
	1920	.....	.....	.....	.....	.....
Electric	1940	1	70	100.0	2,200	300
	1930	1	70	100.0	2,200	300
	1920	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	3	2,200	100.0	70	300
	1930	3	2,200	100.0	70	300
Centrifugal	1940	3	2,200	100.0	70	300
	1930	3	2,200	100.0	70	300

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	916,181	100.0	879,459	100.0	7,578,999	100.0	6,847,070	100.0	31,960	12,960
Enterprises in arrears	27,653	3.0	31,024	3.5	160,318	2.1	468,669	6.8	9,280	5,000
With some delinquent land	27,653	3.0	11,233	1.3	160,318	2.1	50,000	0.7	9,280	5,000
With no delinquent land	.....	.....	9,291	1.0	.....	.....	155,000	2.3	.....	.....
With no report on delinquency	.....	.....	10,500	1.2	.....	.....	263,669	3.8	.....	.....
Enterprises not in arrears	885,228	96.6	848,435	96.5	7,373,681	97.3	6,378,401	93.2	22,680	7,960
With some delinquent land	264,265	28.8	81,340	9.3	2,917,001	38.5	582,547	8.5	22,680	7,960
With no delinquent land	620,963	67.8	725,718	82.5	4,456,680	58.8	5,215,603	76.2	.....	.....
With no report on delinquency	.....	.....	41,377	4.7	.....	.....	580,251	8.5	.....	.....
Enterprises not reporting on arrearage	3,300	0.4	.....	.....	45,000	0.6	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	3,300	0.4	.....	.....	45,000	0.6	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	916,181	7,578,999	1,278,621	40,250	119,000	31,960	130,173
Enterprises in debt	431,905	3,826,612	1,278,621	40,250	119,000	29,970	107,873
In arrears, amount of arrearage stated	27,653	160,318	87,828	40,250	.....	9,280	2,581
Collecting drainage taxes in 1939	11,483	101,500	34,203	8,250	.....	1,280	2,581
No collections reported	16,170	58,818	53,625	32,000	.....	8,000	.....
Not in arrears	403,452	3,646,294	1,190,747	.....	119,000	20,690	105,168
Collecting drainage taxes in 1939	387,823	3,386,794	1,045,747	.....	35,000	16,813	105,168
No collections reported	15,629	259,500	145,000	.....	84,000	3,877	.....
Not reporting as to arrears	800	20,000	46	.....	.....	.....	124
Collecting drainage taxes in 1939	800	20,000	46	.....	.....	.....	124
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	481,776	3,727,387	.....	.....	.....	1,990	22,300
Collecting drainage taxes in 1939	44,684	433,626	.....	.....	.....	730	22,300
No collections reported	437,092	3,293,761	.....	.....	.....	1,260	.....
Enterprises not reporting as to debt	2,500	25,000	.....	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	2,500	25,000	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	916,181	100.0	7,578,999	100.0
Improvement of land already in farms	304,421	33.2	2,024,442	26.7
Reclamation of swamp land not previously in farms	20,807	2.3	167,798	2.2
Protection against overflow	384,795	42.0	3,714,208	49.0
Removal of alkali or seepage from irrigation	206,158	22.5	1,672,551	22.1

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	916,181	100.0	1,005,541	89,360	7,578,999	100.0
1880–1889	.....	.....	680	680	6,000	0.1
1890–1899	57,465	6.3	87,845	30,380	621,284	8.2
1900–1904	3,890	0.4	3,890	.....	8,800	0.1
1905–1909	235,671	25.7	264,376	28,705	1,913,692	25.3
1910–1914	134,146	14.6	153,559	19,413	1,110,125	14.6
1915–1919	192,288	21.0	196,028	3,740	1,545,440	20.4
1920–1924	100,052	10.9	105,214	5,162	1,049,555	13.8
1925–1929	161,425	17.6	162,705	1,280	1,159,515	15.3
1930–1934	19,755	2.2	19,755	.....	136,648	1.8
1935–1939	11,489	1.3	11,489	.....	27,940	0.4

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT			USE OF LAND				
		Drained		Partly drained	Undrained	Improved land	Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*
All enterprises	916,181	878,741	95.9	20,812	16,628	855,205	93.3	17,993	42,983	849,948	92.8	688,976	114,696	2,000
1880–1889[2]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1890–1899	57,465	54,440	94.7	3,025	.....	55,350	96.3	1,600	515	32,345	56.3	28,580	25,160	1,000
1900–1904	3,890	1,270	32.6	1,310	1,310	2,580	66.3	.....	1,310	2,580	66.3	2,066	1,310	.....
1905–1909	235,671	225,063	95.5	6,885	3,723	221,319	93.9	6,345	8,007	232,345	98.6	180,375	23,089	.....
1910–1914	134,146	127,978	95.4	4,701	1,467	128,931	96.1	2,125	3,090	132,720	98.9	115,363	4,232	.....
1915–1919	192,288	189,013	98.3	1,976	1,299	185,857	96.6	2,063	4,368	185,177	96.3	152,473	19,012	.....
1920–1924	100,052	94,607	94.6	1,295	4,150	85,969	85.9	3,729	10,354	87,816	87.8	72,832	7,150	.....
1925–1929	161,425	158,280	98.0	280	2,865	147,598	91.4	442	13,385	148,466	92.0	112,846	33,879	.....
1930–1934	19,755	18,741	94.9	200	814	18,591	94.1	350	814	19,405	98.2	16,454	864	.....
1935–1939	11,489	9,349	81.4	1,140	1,000	9,010	78.4	1,339	1,140	9,094	79.2	7,987	.....	1,000

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] Entire acreage overlapped by a later enterprise.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	916,181	913,681	452,079	461,602	61,999	0.07	0.14
Gravity drainage only	884,043	881,543	419,941	461,602	59,839	0.07	0.14
Open ditches only	425,979	423,479	147,695	275,784	19,797	0.05	0.13
Open ditches and levees	359,432	359,432	181,709	177,723	32,709	0.09	0.18
Open ditches and tile drains	95,632	95,632	87,537	8,095	7,133	0.07	0.08
Open ditches, tile drains, and levees	3,000	3,000	3,000	.....	200	0.07	0.07
Part pumping and part gravity	32,138	32,138	32,138	.....	2,160	0.07	0.07

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	916,181	100.0	7,578,999	100.0
Method:				
By district forces	710,052	77.5	6,152,841	81.2
By contract	8,364	0.9	192,000	2.5
Work apportioned to landowners	24,955	2.7	124,682	1.7
"None," or not reporting	172,800	18.9	1,109,476	14.6
Whether systematic:				
Reporting "yes"	589,519	64.3	5,138,270	68.2
Reporting "no"	248,145	27.1	1,789,446	23.6
Not reporting	78,517	8.6	621,283	8.2

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	916,181	248,695	27.1
Capital invested.....dollars	7,578,999	1,798,221	23.7
Drainage works:			
Open ditches.....miles	1,406.7	325.0	23.1
Tile drains.....miles	26.3	15.0	57.0
Levees.....miles	230.3	45.0	19.5

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	30,459	451,818	43.0	7.5	2.0
Work Projects Administration	9,489	279,000	28.0	7.5	.....
Civilian Conservation Corps	16,170	58,818	10.0	.....	.....
Other	4,800	114,000	5.0	.....	2.0

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Antelope[1]	Burt	Butler	Cass[1]	Cherry	Colfax	Cuming
	LAND AREA										
1	Approximate land area	acres	1940	49,057,920	545,920	303,360	372,480	353,280	3,828,480	259,200	365,440
2	Drainage enterprises	number	1940	[2]145	1	4	5	1	5	9	4
3	Land in enterprises	acres	1940	916,181	1,760	65,760	13,214	1,580	7,975	49,610	12,866
4			1930	879,459	(3)	49,372	18,840	(3)	11,655	26,950	9,931
5			1920	607,730	(3)	78,992	10,840	(3)	(3)	46,340	11,100
6	Area of all enterprises, overlapping included	acres	1940	1,005,541	1,760	67,900	13,214	1,580	7,975	50,870	12,866
7	Amount of overlapping	acres	1940	89,360	.....	2,140	.....	.....	.....	1,260	.....
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres	1940	878,741	1,760	61,940	12,820	1,580	7,975	48,310	12,866
9			1930	829,681	(3)	49,332	13,736	(3)	10,199	26,330	9,731
10	Increase or decrease (-), 1930-1940	acres		49,060	(3)	12,608	-916	(3)	-2,224	21,980	3,135
11		percent		5.9	.....	25.6	-6.7	.....	-21.8	83.5	32.2
12	Land undrained, unfit for any crop	acres	1940	16,628	.....	1,272	394	.....	.....	500	.....
13			1930	10,139	.....	.....	.....	.....	700	.....	200
14	Increase or decrease (-), 1930-1940	acres		6,489	.....	1,272	394	.....	-700	500	-200
15		percent		64.0	.....	.....	.....	.....	-100.0	.....	-100.0
16	Land partly drained, for partial crop	acres	1940	20,812	.....	2,548	.....	.....	.....	800	.....
17			1930	39,639	.....	40	5,104	(3)	756	620	.....
18	Increase or decrease (-), 1930-1940	acres		-18,827	.....	2,508	-5,104	(3)	-756	180	.....
19		percent		-47.5	.....	(4)	-100.0	.....	-100.0	29.0	.....
20	Improved land	acres	1940	855,205	1,700	64,488	12,736	1,580	7,975	47,540	11,853
21			1930	833,511	(3)	49,372	18,144	(3)	9,080	26,950	9,931
22			1920	551,517	(3)	60,161	10,840	(3)	(3)	41,860	8,100
	Unimproved land:										
23	Woodland and cut-over land	acres	1940	17,993	60	332	84	.....	.....	150	810
24			1930	8,031	.....	.....	.....	(3)	.....	.....	.....
25			1920	6,342	(3)	.....	.....	(3)	(3)	.....	.....
26	Other unimproved land	acres	1940	42,983	.....	940	394	.....	.....	1,920	203
27			1930	37,917	.....	.....	696	(3)	2,575	.....	.....
28			1920	49,871	(3)	18,831	.....	(3)	(3)	4,480	3,000
29	Land in occupied farms	acres	1940	849,948	1,700	65,760	13,214	1,580	7,975	49,410	11,853
30			1930	864,159	(3)	49,372	18,840	(3)	11,155	26,950	9,931
31	Increase or decrease (-), 1930-1940	acres		-14,211	(3)	16,388	-5,626	(3)	-3,180	22,460	1,922
32		percent		-1.6	.....	33.2	-29.9	.....	-28.5	83.3	19.4
33	Land in planted crops	acres	1940	688,976	1,700	54,690	10,811	1,400	5,555	39,475	9,625
34			1930	743,178	(3)	44,112	17,744	(3)	8,072	23,308	8,775
35	Increase or decrease (-), 1930-1940	acres		-54,202	(3)	10,578	-6,933	(3)	-2,517	16,167	850
36		percent		-7.3	.....	24.0	-39.1	.....	-31.2	69.4	9.7
37	Land idle	acres	1940	114,696	60	1,272	394	180	2,420	2,080	1,013
38			1930	45,755	.....	.....	600	(3)	1,975	.....	.....
39	Increase or decrease (-), 1930-1940	acres		68,941	60	1,272	-206	(3)	445	2,080	1,013
40		percent		150.7	.....	.....	-34.3	.....	22.5	.....	.....
41	Land available for settlement	acres	1940	2,000	.....	.....	.....	.....	.....	.....	.....
42			1930	5,320	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres		-3,320	.....	.....	.....	.....	.....	.....	.....
44		percent		-62.4	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres		425,979	1,760	3,520	3,960	1,580	7,975	38,170	12,866
46	Length of these ditches	miles		713.9	2.0	5.0	6.0	1.5	47.9	47.0	28.0
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		359,432	.....	62,240	9,254	.....	.....	11,440	.....
49	Length of these ditches	miles		548.2	.....	87.0	21.0	.....	.....	20.0	.....
50	Length of these levees	miles		226.3	.....	36.0	5.0	.....	.....	15.5	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		95,632	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles		1,116	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles		21.1	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		3,000	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		4.0	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		0.8	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		4.0	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]	acres		32,138	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		29.0	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		4.4	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 126.
[3] Included in "Other counties."
[4] Percent not shown when more than 1,000.
[5] Data included in lines 68 to 72 are not included in data in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Dawson	Dixon	Dodge	Douglas	Fillmore	Lancaster	Lincoln[1]	Madison	Morrill
	LAND AREA									
1	Approximate land area.....acres....1940..	629,120	307,200	338,560	214,400	369,280	540,800	1,616,000	366,080	897,920
2	Drainage enterprises.....number...1940..	3	3	15	8	3	3	2	4	3
3	Land in enterprises.....acres....1940..	8,986	34,408	98,380	52,950	8,310	42,080	12,191	5,760	31,306
4	1930..	6,240	33,928	134,620	54,512	(2)	17,920	9,500	5,460	31,290
5	1920..	.....	(2)	122,760	49,250	(2)	8,000	.....	(2)	(2)
6	Area of all enterprises, overlapping included.....acres....1940..	9,066	34,408	146,625	53,650	8,310	43,800	12,191	5,760	31,306
7	Amount of overlapping.....acres....1940..	80	.....	48,245	700	.....	1,720	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	8,986	34,408	97,950	47,160	8,310	39,800	12,191	5,760	30,966
9	1930..	4,000	33,768	134,620	52,952	(2)	13,920	9,500	5,460	30,810
10	Increase or decrease (-), 1930-1940.....acres.....	4,986	640	-36,670	-5,792	(2)	25,880	2,691	300	156
11	percent.....	124.6	1.9	-27.2	-10.9	.....	185.9	28.3	5.5	0.5
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	4,400	.....	.....	.....	.....	340
13	1930..	.....	160	.....	1,040	(2)	.....	.....	.....	125
14	Increase or decrease (-), 1930-1940.....acres.....	.....	-160	.....	3,360	(2)	.....	.....	.....	215
15	percent.....	.....	-100.0	.....	323.1	.....	.....	.....	.....	172.0
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	430	1,390	.....	2,280	.....	.....	.....
17	1930..	2,240	.....	.....	520	.....	4,000	.....	.....	355
18	Increase or decrease (-), 1930-1940.....acres.....	-2,240	.....	430	870	.....	-1,720	.....	.....	-355
19	percent.....	-100.0	.....	.....	167.3	.....	-43.0	.....	.....	-100.0
20	Improved land.....acres....1940..	8,454	27,719	97,950	46,314	8,180	40,380	11,035	3,265	29,322
21	1930..	3,000	33,768	134,620	52,972	(2)	15,120	9,500	5,460	25,973
22	1920..	.....	(2)	122,440	48,350	(2)	7,000	.....	(2)	(2)
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	.....	2,005	210	2,166	50	1,700	.....	215	.....
24	1930..	.....	.....	.....	1,500	.....	1,500	.....	.....	.....
25	1920..	.....	(2)	320	900	(2)	.....	.....	(2)	(2)
26	Other unimproved land.....acres....1940..	532	4,684	220	4,470	80	.....	1,156	2,280	1,984
27	1930..	3,240	160	.....	40	(2)	1,300	.....	.....	5,317
28	1920..	.....	(2)	.....	.....	(2)	1,000	.....	(2)	(2)
29	Land in occupied farms.....acres....1940..	8,986	27,719	98,040	46,484	8,230	17,300	12,191	3,265	27,553
30	1930..	6,240	33,928	134,620	54,472	(2)	17,600	9,500	5,460	30,880
31	Increase or decrease (-), 1930-1940.....acres.....	2,746	-6,209	-36,580	-7,988	(2)	-300	2,691	-2,195	-3,327
32	percent.....	44.0	-18.3	-27.2	-14.7	.....	-1.7	28.3	-40.2	-10.8
33	Land in planted crops.....acres....1940..	8,034	23,756	86,668	39,272	7,487	14,311	8,983	3,265	19,414
34	1930..	3,000	30,932	130,200	51,812	(2)	13,600	7,000	5,270	21,376
35	Increase or decrease (-), 1930-1940.....acres.....	5,034	-7,176	-43,532	-12,540	(2)	711	1,983	-2,005	-1,962
36	percent.....	167.8	-23.2	-33.4	-24.2	.....	5.2	28.3	-38.0	-9.2
37	Land idle.....acres....1940..	532	2,005	1,670	3,636	130	25,280	1,156	2,495	11,892
38	1930..	3,000	.....	.....	1,540	(2)	1,020	.....	.....	6,410
39	Increase or decrease (-), 1930-1940.....acres.....	-2,468	2,005	1,670	2,096	(2)	24,260	1,156	2,495	5,482
40	percent.....	-82.3	.....	.....	136.1	.....	(3)	.....	.....	85.5
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	1,000	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	1,000	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	930	34,408	43,120	2,000	4,810	42,080	.....	960	18,670
46	Length of these ditches.....miles.....	1.8	34.5	61.7	9.5	6.0	34.0	.....	4.0	20.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	6,512	.....	55,260	50,950	.....	.....	.....	4,800	.....
49	Length of these ditches.....miles.....	9.2	.....	62.3	74.0	.....	.....	.....	5.0	.....
50	Length of these levees.....miles.....	1.0	.....	26.8	41.5	.....	.....	.....	2.0	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,544	.....	.....	.....	3,500	.....	12,191	.....	12,636
60	Length of these open ditches.....miles.....	6.1	.....	.....	.....	4.8	.....	25.0	.....	11.0
61	Length of these tile.....miles.....	0.2	.....	.....	.....	0.1	.....	7.7	.....	1.7
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Nemaha	Platte	Polk	Richardson	Sarpy	Saunders
	LAND AREA						
1	Approximate land area.....acres....1940..	255,360	430,080	277,120	350,720	147,200	483,840
2	Drainage enterprises.....number...1940..	5	3	3	7	9	8
3	Land in enterprises.....acres....1940..	30,688	17,094	3,080	56,264	27,000	38,288
4	1930..	19,916	9,040	3,800	35,673	30,000	32,020
5	1920..	20,134	(1)	(1)	35,838	32,850	30,930
6	Area of all enterprises, overlapping included.....acres....1940..	31,108	17,094	3,080	56,584	34,980	40,268
7	Amount of overlapping.....acres....1940..	420	.....	.....	320	7,980	1,980
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop.....acres....1940..	29,088	17,094	3,080	55,307	24,100	29,593
9	1930..	18,365	7,520	3,800	32,173	29,560	25,774
10	Increase or decrease (-), 1930-1940.....acres.....	10,723	9,574	-720	23,134	-5,460	3,819
11	percent.....	58.4	127.3	-18.9	71.9	-18.5	14.8
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	.....	1,550	3,507
13	1930..	160	100	.....	2,500	.....	1,496
14	Increase or decrease (-), 1930-1940.....acres.....	-160	-100	.....	-2,500	1,550	2,011
15	percent.....	-100.0	-100.0	.....	-100.0	.....	134.4
16	Land partly drained, for partial crop.....acres....1940..	1,600	.....	.....	957	1,350	5,188
17	1930..	1,391	1,420	.....	1,000	440	4,750
18	Increase or decrease (-), 1930-1940.....acres.....	209	-1,420	.....	-43	910	438
19	percent.....	15.0	-100.0	.....	-4.3	206.8	9.2
20	Improved land.....acres....1940..	29,088	16,000	2,940	54,547	24,500	29,593
21	1930..	18,525	8,040	3,800	33,473	23,780	25,774
22	1920..	18,121	(1)	(1)	27,581	32,050	29,040
	Unimproved land:						
23	Woodland and cut-over land.....acres....1940..	1,600	1,094	140	1,717	1,150	718
24	1930..	1,391	.....	.....	2,200	880	280
25	1920..	2,013	(1)	(1)	2,269	200	280
26	Other unimproved land.....acres....1940..	.....	.....	.....	.....	1,350	7,977
27	1930..	.....	1,000	.....	.....	5,340	5,966
28	1920..	.....	(1)	(1)	5,988	600	1,640
29	Land in occupied farms.....acres....1940..	30,688	16,000	2,940	56,264	24,860	38,268
30	1930..	19,916	9,040	3,800	35,173	24,680	32,020
31	Increase or decrease (-), 1930-1940.....acres.....	10,772	6,960	-860	21,091	180	6,248
32	percent.....	54.1	77.0	-22.6	60.0	0.7	19.5
33	Land in planted crops.....acres....1940..	24,526	13,968	2,670	46,956	11,490	26,587
34	1930..	18,125	6,300	3,470	33,160	21,360	22,504
35	Increase or decrease (-), 1930-1940.....acres.....	6,401	7,668	-800	13,796	-9,870	4,083
36	percent.....	35.3	121.7	-23.0	41.6	-46.2	18.1
37	Land idle.....acres....1940..	1,600	839	140	397	13,010	3,087
38	1930..	900	.....	.....	900	5,900	1,400
39	Increase or decrease (-), 1930-1940.....acres.....	700	839	140	-503	7,110	1,687
40	percent.....	77.8	.....	.....	-55.9	120.5	120.5
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	1,000	.....
42	1930..	.....	.....	.....	.....	5,320	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	-4,320	.....
44	percent.....	.....	.....	.....	.....	-81.2	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only.....acres.....	5,880	17,094	3,080	20,089	15,250	7,230
46	Length of these ditches.....miles.....	9.5	35.0	6.0	37.5	33.3	13.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	24,808	.....	.....	36,175	11,750	31,058
49	Length of these ditches.....miles.....	32.0	.....	.....	48.0	28.5	71.5
50	Length of these levees.....miles.....	16.5	.....	.....	19.0	5.0	19.5
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Scotts Bluff	Sioux[1]	Stanton	Thayer[1]	Washington	Other counties[2]
	LAND AREA						
1	Approximate land area....acres....1940..	464,640	1,320,320	275,840	369,280	246,400	4,778,880
2	Drainage enterprises....number...1940..	5	1	3	2	5	21
3	Land in enterprises....acres....1940..	134,451	32,138	4,640	4,520	23,620	97,262
4	1930..	142,377	32,269	4,680	(3)	37,745	121,721
5	1920..	16,124	4,344	.....	(3)	25,840	114,358
6	Area of all enterprises, overlapping included....acres....1940..	154,324	32,138	4,640	4,520	25,220	100,304
7	Amount of overlapping....acres....1940..	19,873	.....	.....	.....	1,600	3,042
	CONDITION AND USE OF LAND						
8	Land with drainage sufficient for normal crop....acres....1940..	131,855	31,369	4,640	1,900	21,406	96,527
9	1930..	133,236	30,439	4,680	(3)	37,745	112,031
10	Increase or decrease (-), 1930-1940....acres....	-1,381	930	-40	(3)	-16,339	-15,504
11	percent....	-1.0	3.0	-0.8	.....	-43.3	-13.8
12	Land undrained, unfit for any crop....acres....1940..	2,396	769	.....	1,310	.....	190
13	1930..	2,043	345	.....	(3)	.....	1,270
14	Increase or decrease (-), 1930-1940....acres....	353	424	.....	(3)	.....	-1,080
15	percent....	17.3	122.9	.....	.....	.....	-85.0
16	Land partly drained, for partial crop....acres....1940..	200	.....	.....	1,310	2,214	545
17	1930..	7,098	1,485	.....	(3)	.....	8,420
18	Increase or decrease (-), 1930-1940....acres....	-6,898	-1,485	.....	(3)	2,214	-7,875
19	percent....	-97.2	-100.0	.....	.....	.....	-93.5
20	Improved land....acres....1940..	127,929	27,567	4,180	3,210	22,368	92,792
21	1930..	140,994	31,029	4,680	(3)	37,745	111,781
22	1920..	14,110	3,904	.....	(3)	22,760	105,200
	Unimproved land:						
23	Woodland and cut-over land....acres....1940..	.....	.....	260	.....	481	3,051
24	1930..	.....	.....	.....	.....	.....	280
25	1920..	.....	.....	.....	(3)	80	280
26	Other unimproved land....acres....1940..	6,522	4,571	200	1,310	771	1,419
27	1930..	1,383	1,240	.....	(3)	.....	9,660
28	1920..	2,014	440	.....	(3)	3,000	8,878
29	Land in occupied farms....acres....1940..	127,423	27,567	4,180	3,210	23,620	93,668
30	1930..	142,377	31,209	4,680	(3)	37,745	114,571
31	Increase or decrease (-), 1930-1940....acres....	-14,954	-3,642	-500	(3)	-14,125	-20,903
32	percent....	-10.5	-11.7	-10.7	.....	-37.4	-18.2
33	Land in planted crops....acres....1940..	111,114	22,386	3,411	2,853	18,977	69,592
34	1930..	114,698	22,354	3,260	(3)	34,266	98,480
35	Increase or decrease (-), 1930-1940....acres....	-3,584	32	151	(3)	-15,289	-28,888
36	percent....	-3.1	0.1	4.6	.....	-44.6	-29.3
37	Land idle....acres....1940..	23,137	9,752	460	1,310	289	4,460
38	1930..	11,365	2,715	1,000	(3)	.....	7,030
39	Increase or decrease (-), 1930-1940....acres....	11,772	7,037	-540	(3)	289	-2,570
40	percent....	103.6	259.2	-54.0	.....	.....	-36.6
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	.....	.....	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940						
45	Land drained by open ditches only....acres....	70,285	.....	4,640	1,900	7,160	56,562
46	Length of these ditches....miles....	141.0	.....	12.0	3.0	13.5	101.2
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	16,460	38,725
49	Length of these ditches....miles....	.....	.....	.....	.....	31.5	58.2
50	Length of these levees....miles....	.....	.....	.....	.....	21.0	17.5
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	61,166	.....	.....	2,620	.....	1,975
60	Length of these open ditches....miles....	60.0	.....	.....	3.0	.....	1.7
61	Length of these tile....miles....	8.9	.....	.....	0.5	.....	2.0
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	3,000	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	4.0	.....	.....	.....	.....	.....
65	Length of these tile....miles....	0.8	.....	.....	.....	.....	.....
66	Length of these levees....miles....	4.0	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]....acres....	.....	32,138	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	29.0	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	4.4	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.

[2] Includes Cedar, Dakota, Franklin, Frontier, Hamilton, Johnson, Kearney, Merrick, Otoe, Pawnee, Seward, Thurston, Wayne, and York Counties in 1940; Antelope, Cass, Cedar, Dakota, Fillmore, Franklin, Frontier, Hamilton, Seward, Thayer, Wayne, and York Counties in 1930; and Antelope, Cass, Cherry, Dakota, Dixon, Fillmore, Knox, Madison, Morrill, Nance, Platte, Polk, Seward, Thayer, Wayne, and York Counties in 1920.

[3] Included in "Other counties."

[4] Data included in lines 68 to 72 are not included in data in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Antelope[1]	Burt	Butler	Cass[1]	Cherry	Colfax	Cuming
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2] 145	1	4	5	1	5	9	4
	Open ditches:								
2	Completed.....miles.....1940..	1,406.7	2.0	92.0	27.0	1.5	47.9	67.0	28.0
3	1930..	1,202.3	[3]	127.0	29.0	[3]	44.5	50.0	11.3
4	1920..	734.5	[3]	109.8	9.3	[3]	[3]	30.2	10.8
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	26.3	.....	.....	.....	.....	.....	.....	.....
7	1930..	93.4	.....	.....	.....	.....	.....	5.0	2.0
8	1920..	359.4	[3]	152.2	.....	[3]	[3]	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	230.3	.....	36.0	5.0	.....	.....	15.5	.....
11	1930..	116.8	.....	56.0	.....	.....	.....	.....	.....
12	1920..	26.8	.....	10.0	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	70	.....	.....	.....	.....	.....	.....	.....
15	1930..	70	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	2,200	.....	.....	.....	.....	.....	.....	.....
18	1930..	2,200	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	300	.....	.....	.....	.....	.....	.....	.....
21	1930..	300	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	3	.....	.....	.....	.....	.....	.....	.....
24	1930..	3	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	7,578,999	3,200	513,500	43,400	6,000	87,882	133,503	52,752
26	1930..	6,847,070	[3]	499,866	48,421	[3]	101,394	124,738	76,474
27	1920..	4,588,578	[3]	825,605	62,257	[3]	[3]	90,092	56,506
28	Estimated cost when completed.....dollars.....1940..	7,578,999	3,200	513,500	43,400	6,000	87,882	133,503	52,752
29	1930..	6,946,020	[3]	499,866	48,421	[3]	101,394	124,738	76,474
30	1920..	4,886,681	[3]	850,605	62,257	[3]	[3]	90,092	56,506
31	Average cost per acre when completed.....dollars.....1940..	8.27	1.82	7.81	3.28	3.80	11.02	2.69	4.10
32	1930..	7.90	[3]	10.12	2.57	[3]	8.70	4.63	7.70
33	1920..	8.04	[3]	10.77	5.74	[3]	[3]	1.94	5.09
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	3,235,075	3,200	24,000	5,000	6,000	87,882	91,608	52,752
35	Average amount per acre.....dollars..	7.59	1.82	6.82	1.26	3.80	11.02	2.40	4.10
36	Enterprises having open ditches and levees.....dollars..	3,212,191	.....	489,500	38,400	.....	.....	41,895	.....
37	Average amount per acre.....dollars..	8.94	.....	7.86	4.15	.....	.....	3.66	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	845,262	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	8.84	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	93,000	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	31.00	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	193,471	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	6.02	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	2,160	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	32,138	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	0.07	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	59,839	.....	[5]	1,450	.....	.....	.....	.....
53	Enterprises reporting.....number...	44	.....	2	3	.....	.....	.....	.....
54	Land in these enterprises.....acres....	419,941	.....	[5]	6,144	.....	.....	.....	.....
55	Average cost per acre.....dollars..	0.14	.....	[5]	0.24	.....	.....	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	4	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	30,459	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	130,173	.....	[5]	[5]	.....	[5]	.....	.....
59	Enterprises reporting.....number...	46	.....	2	2	.....	1	.....	.....
60	Land in these enterprises.....acres....	444,790	.....	[5]	[5]	.....	[5]	.....	.....
61	Average amount collected per acre.....dollars..	0.29	.....	[5]	[5]	.....	[5]	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	31,960	.....	[5]	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	27	.....	2	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	291,918	.....	[5]	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	10.9	.....	[5]	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,278,621	.....	[5]	.....	.....	[5]	.....	.....
67	Enterprises reporting.....number...	36	.....	2	.....	.....	1	.....	.....
68	Land in these enterprises.....acres....	431,905	.....	[5]	.....	.....	[5]	.....	.....
69	Average indebtedness per acre.....dollars..	2.96	.....	[5]	.....	.....	[5]	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	40,250	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	4	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	27,653	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	1.46	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940[6].....dollars..	119,000	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	3	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	14,969	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	7.95	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 126.
[3] Included in "Other counties."
[4] Data included in lines 46 and 47 are not included in data in lines 34 to 45.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.
[6] Not distributed by counties, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Dawson	Dixon	Dodge	Douglas	Fillmore	Lancaster	Lincoln[1]	Madison	Morrill
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	3	3	15	8	3	3	2	4	3
	Open ditches:									
2	Completed.....miles.....1940..	17.1	34.5	124.0	83.5	10.8	34.0	25.0	9.0	31.0
3	1930..	10.0	16.0	108.9	63.8	(2)	32.0	24.0	9.3	38.0
4	1920..	.....	(2)	77.6	49.2	(2)	7.0	.....	(2)	(2)
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	0.2	.....	.....	.....	0.1	.....	7.7	.....	1.7
7	1930..	.....	.....	45.0	15.0	(2)	.....	3.0	0.5	.....
8	1920..	.....	(2)	206.0	.....	(2)	.....	.....	(2)	(2)
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	1.0	.....	26.8	41.5	.....	.....	.....	2.0	.....
11	1930..	.....	.....	.....	15.0	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	106,185	183,402	556,320	566,500	8,700	552,658	273,381	116,014	159,886
26	1930..	30,000	175,122	452,620	475,156	(2)	235,000	250,000	48,402	174,494
27	1920..	.....	(2)	481,075	259,607	(2)	35,500	.....	(2)	(2)
28	Estimated cost when completed.....dollars.....1940..	106,185	183,402	556,320	566,500	8,700	552,658	273,381	116,014	159,886
29	1930..	45,000	230,022	452,620	475,156	(2)	235,000	250,000	48,402	174,494
30	1920..	.....	(2)	481,075	259,607	(2)	35,500	.....	(2)	(2)
31	Average cost per acre when completed.....dollars.....1940..	11.82	5.33	5.65	10.70	1.05	13.13	22.42	20.14	5.11
32	1930..	7.21	6.78	3.36	8.72	(2)	13.11	26.32	8.86	5.58
33	1920..	.....	(2)	3.92	5.27	(2)	4.44	.....	(2)	(2)
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	23,302	183,402	212,392	52,500	5,400	552,658	.....	2,014	83,818
35	Average amount per acre.....dollars..	25.05	5.33	4.92	26.25	1.12	13.13	.....	2.10	4.49
36	Enterprises having open ditches and levees.....dollars..	47,673	.....	343,928	514,000	.....	.....	.....	114,000	.....
37	Average amount per acre.....dollars..	7.32	.....	6.22	10.09	.....	.....	.....	23.75	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	35,210	.....	.....	.....	3,300	.....	273,381	.....	76,068
43	Average amount per acre.....dollars..	22.80	.....	.....	.....	0.94	.....	22.42	.....	6.02
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	600	.....	(3)	(3)	.....	(3)	1,596	(3)	(3)
53	Enterprises reporting.....number...	3	.....	2	2	.....	2	2	1	2
54	Land in these enterprises.....acres....	8,986	.....	(3)	(3)	.....	(3)	12,191	(3)	(3)
55	Average cost per acre.....dollars..	0.07	.....	(3)	(3)	.....	(3)	0.13	(3)	(3)
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	1	1	1
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	9,489	(3)	(3)
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	3,800	(3)	(3)	(3)	.....	(3)	.....	(3)	(3)
59	Enterprises reporting.....number...	3	2	2	2	.....	1	.....	1	1
60	Land in these enterprises.....acres....	8,986	(3)	(3)	(3)	.....	(3)	.....	(3)	(3)
61	Average amount collected per acre.....dollars..	0.42	(3)	(3)	(3)	.....	(3)	.....	(3)	(3)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(3)	(3)	(3)	(3)	.....	(3)	3,877	(3)	(3)
63	Enterprises reporting.....number...	2	2	1	1	.....	1	1	1	1
64	Land in these enterprises.....acres....	(3)	(3)	(3)	(3)	.....	(3)	9,489	(3)	(3)
65	Portion delinquent in these enterprises.....percent..	(3)	(3)	(3)	(3)	.....	(3)	40.8	(3)	(3)
66	Total indebtedness, Dec. 31, 1939.....dollars..	62,836	(3)	(3)	(3)	.....	(3)	144,500	.....	(3)
67	Enterprises reporting.....number...	3	2	1	1	.....	1	1	.....	2
68	Land in these enterprises.....acres....	8,986	(3)	(3)	(3)	.....	(3)	9,489	.....	(3)
69	Average indebtedness per acre.....dollars..	7.00	(3)	(3)	(3)	.....	(3)	15.23	.....	(3)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	(3)	.....	.....	.....	.....	.....	.....	(3)
71	Enterprises reporting.....number...	.....	1	.....	.....	.....	.....	.....	.....	1
72	Land in these enterprises.....acres....	.....	(3)	.....	.....	.....	.....	.....	.....	(3)
73	Average arrearage per acre.....dollars..	.....	(3)	.....	.....	.....	.....	.....	.....	(3)
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	84,000	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	1	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	9,489	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	8.85	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Nemaha	Platte	Polk	Richardson	Sarpy	Saunders
	DRAINAGE WORKS							
1	Drainage enterprises	1940	5	3	3	7	9	8
	Open ditches:							
2	Completed—miles	1940	41.5	35.0	6.0	85.5	61.8	84.5
3		1930	56.6	7.2	7.5	68.5	65.8	20.4
4		1920	55.0	(1)	(1)	50.5	54.6	15.9
5	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed—miles	1940	.....	.....	.....	.....	.....	.....
7		1930	.....	1.2	0.2	.....	.....	0.3
8		1920	.....	(1)	(1)	.....	.....	.....
9	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed—miles	1940	16.5	.....	.....	19.0	5.0	19.5
11		1930	.....	.....	.....	.....	5.0	8.3
12		1920	.....	.....	.....	1.3	2.0	9.8
13	Additional length authorized—miles	1940	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity—horsepower	1940	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....
17	Pump capacity—gal. per min.	1940	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....
20	Land served by pumps—acres	1940	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage—number	1940	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1—dollars	1940	181,468	71,963	17,425	724,716	464,840	234,951
26		1930	375,000	47,259	9,712	698,150	393,253	93,059
27		1920	346,000	(1)	(1)	339,124	262,177	57,403
28	Estimated cost when completed—dollars	1940	181,468	71,963	17,425	724,716	464,840	234,951
29		1930	375,000	47,259	9,712	698,150	393,253	96,059
30		1920	346,000	(1)	(1)	339,124	266,177	58,696
31	Average cost per acre when completed—dollars	1940	5.91	4.21	5.66	12.88	17.22	6.14
32		1930	18.83	5.23	2.56	19.57	13.11	3.00
33		1920	17.18	(1)	(1)	9.46	8.10	1.90
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only—dollars		30,000	71,963	17,425	192,216	294,840	31,000
35	Average amount per acre—dollars		5.10	4.21	5.66	9.57	19.33	4.29
36	Enterprises having open ditches and levees—dollars		151,468	.....	.....	532,500	170,000	203,951
37	Average amount per acre—dollars		6.10	.....	.....	14.72	14.47	6.57
38	Enterprises having tile only—dollars		.....	.....	.....	.....	.....	.....
39	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees—dollars		.....	.....	.....	.....	.....	.....
41	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile—dollars		.....	.....	.....	.....	.....	.....
43	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees—dollars		.....	.....	.....	.....	.....	.....
45	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants—dollars		.....	.....	.....	.....	.....	.....
47	Average amount per acre—dollars		.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants—dollars		.....	.....	.....	.....	.....	.....
49	Enterprises reporting—number		.....	.....	.....	.....	.....	.....
50	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....
51	Average cost per acre—dollars		.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants—dollars		(2)	.....	.....	800	3,300	3,849
53	Enterprises reporting—number		1	.....	.....	3	3	5
54	Land in these enterprises—acres		(2)	.....	.....	39,015	9,030	31,058
55	Average cost per acre—dollars		(2)	.....	.....	0.02	0.36	0.12
	Federal aid in maintenance:							
56	Enterprises reporting—number		.....	.....	.....	.....	.....	.....
57	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939—dollars		(2)	(2)	.....	(2)	6,868	5,455
59	Enterprises reporting—number		2	1	.....	2	3	5
60	Land in these enterprises—acres		(2)	(2)	.....	(2)	9,030	31,058
61	Average amount collected per acre—dollars		(2)	(2)	.....	(2)	0.76	0.18
62	Area delinquent in drainage taxes, Dec. 31, 1939—acres		(2)	(2)	.....	.....	(2)	(2)
63	Enterprises reporting—number		1	1	.....	.....	1	1
64	Land in these enterprises—acres		(2)	(2)	.....	.....	(2)	(2)
65	Portion delinquent in these enterprises—percent		(2)	(2)	.....	.....	(2)	(2)
66	Total indebtedness, Dec. 31, 1939—dollars		(2)	(2)	.....	(2)	8,546	(2)
67	Enterprises reporting—number		2	1	.....	1	4	2
68	Land in these enterprises—acres		(2)	(2)	.....	(2)	15,170	(2)
69	Average indebtedness per acre—dollars		(2)	(2)	.....	(2)	0.56	(2)
70	Indebtedness in arrears, Dec. 31, 1939—dollars		.....	(2)	.....	.....	.....	.....
71	Enterprises reporting—number		.....	1	.....	.....	.....	.....
72	Land in these enterprises—acres		.....	(2)	.....	.....	.....	.....
73	Average arrearage per acre—dollars		.....	(2)	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940—dollars		.....	.....	.....	.....	.....	.....
75	Enterprises reporting—number		.....	.....	.....	.....	.....	.....
76	Land in these enterprises—acres		.....	.....	.....	.....	.....	.....
77	Average reduction per acre—dollars		.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

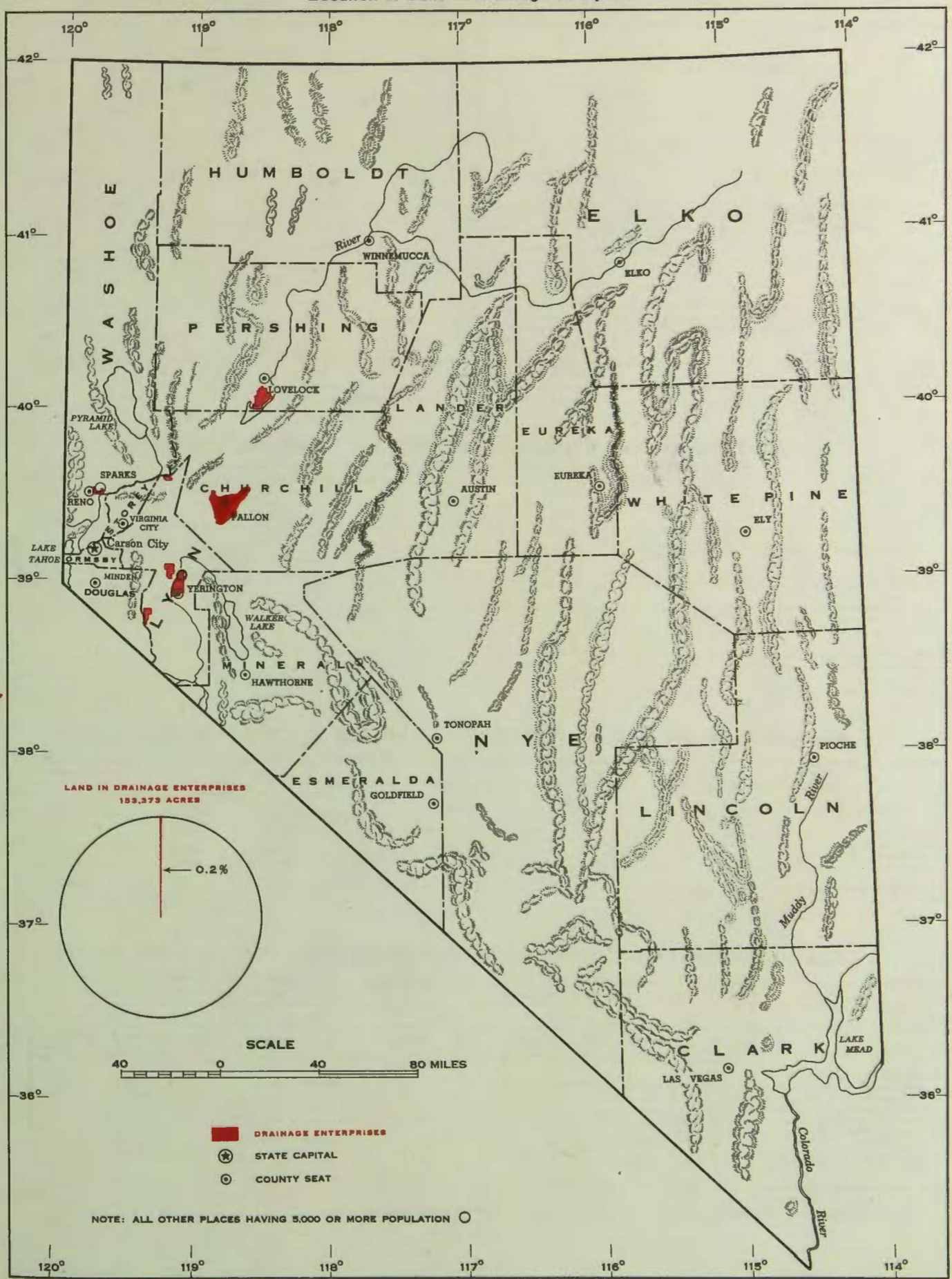
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Scotts Bluff	Sioux[1]	Stanton	Thayer[1]	Washington	Other counties[2]
	DRAINAGE WORKS						
1	Drainage enterprises.....number.....1940..	5	1	3	2	5	21
	Open ditches:						
2	Completed.....miles.....1940..	205.0	29.0	12.0	6 0	45.0	161.1
3	1930..	143.0	19.0	5.3	(3)	76.1	169.1
4	1920..	49.3	5.9	.....	(3)	32.6	176.8
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Tile drains:						
6	Completed.....miles.....1940..	9.7	4.4	.....	0.5	.....	2.0
7	1930..	10.5	5.0	.....	(3)	.....	5.7
8	1920..	0.5	.....	.....	(3)	.....	0.7
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Levees and dikes:						
10	Completed.....miles.....1940..	4.0	.....	.....	.....	21.0	17.5
11	1930..	.....	.....	0.5	.....	11.0	21.0
12	1920..	.....	.....	.....	.....	1.5	2.2
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....
	Pumping plants:						
14	Engine capacity.....horsepower....1940..	.....	70	.....	.....	.....	.....
15	1930..	.....	70	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	2,200	.....	.....	.....	.....
18	1930..	.....	2,200	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	300	.....	.....	.....	.....
21	1930..	.....	300	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	3	.....	.....	.....	.....
24	1930..	.....	3	.....	.....	.....	.....
	CAPITAL INVESTED						
25	Capital invested to January 1.....dollars.....1940..	1,106,182	193,471	65,647	7,400	266,500	881,153
26	1930..	911,080	143,034	127,323	(3)	150,630	1,206,883
27	1920..	380,000	118,048	.....	(3)	203,874	1,071,310
28	Estimated cost when completed.....dollars.....1940..	1,106,182	193,471	65,647	7,400	266,500	881,153
29	1930..	921,080	143,034	127,323	(3)	150,630	1,222,933
30	1920..	560,800	198,058	.....	(3)	203,874	1,078,310
31	Average cost per acre when completed.....dollars.....1940..	8.23	6.02	14.15	1.64	11.28	9.06
32	1930..	6.47	4.43	27.20	(3)	3.99	10.05
33	1920..	34.78	45.59	.....	(3)	7.89	9.43
	Invested in and required for completion, 1940:						
34	Enterprises having open ditches only.....dollars..	619,679	.....	65,647	2,400	37,000	486,977
35	Average amount per acre.....dollars..	8.82	.....	14.15	1.26	5.17	8.61
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	229,500	335,376
37	Average amount per acre.....dollars..	.....	.....	.....	.....	13.94	8.66
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	393,503	.....	.....	5,000	.....	58,800
43	Average amount per acre.....dollars..	6.43	.....	.....	1.91	.....	29.77
44	Enterprises having ditches, tile, and levees.....dollars..	93,000	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	31.00	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	.....	193,471	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	6.02	.....	.....	.....	.....
	MAINTENANCE AND OPERATION						
	Cost of maintenance and operation in 1939:						
48	By enterprises operating pumping plants.....dollars..	.....	2,160	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	1	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	32,138	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	0.07	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	14,795	.....	.....	.....	(5)	5,996
53	Enterprises reporting.....number...	8	.....	.....	.....	2	3
54	Land in these enterprises.....acres....	134,451	.....	.....	.....	(5)	14,150
55	Average cost per acre.....dollars..	0.11	.....	.....	.....	(5)	0.42
	Federal aid in maintenance:						
56	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	(5)	.....	.....	.....	.....	.....
	FINANCIAL CONDITION						
58	Drainage taxes collected in 1939.....dollars..	13,492	764	(5)	.....	(5)	22,575
59	Enterprises reporting.....number...	5	1	1	.....	2	7
60	Land in these enterprises.....acres....	134,451	32,138	(5)	.....	(5)	27,387
61	Average amount collected per acre.....dollars..	0.10	0.02	(5)	.....	(5)	0.82
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	2,940	.....	(5)	.....	(5)	1,106
63	Enterprises reporting.....number...	4	.....	1	.....	2	4
64	Land in these enterprises.....acres....	56,045	.....	(5)	.....	(5)	17,702
65	Portion delinquent in these enterprises.....percent..	5.2	.....	(5)	.....	(5)	6.2
66	Total indebtedness, Dec. 31, 1939.....dollars..	584,656	130,927	(5)	.....	(5)	50,000
67	Enterprises reporting.....number...	5	1	1	.....	2	3
68	Land in these enterprises.....acres....	134,451	32,138	(5)	.....	(5)	15,397
69	Average indebtedness per acre.....dollars..	4.35	4.07	(5)	.....	(5)	3.25
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(5)	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	(5)	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	(5)	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Cedar, Dakota, Franklin, Frontier, Hamilton, Johnson, Kearney, Merrick, Otoe, Pawnee, Seward, Thurston, Wayne, and York Counties in 1940; Antelope, Cass, Cedar, Dakota, Fillmore, Franklin, Frontier, Hamilton, Seward, Thayer, Wayne, and York Counties in 1930; and Antelope, Cass, Cherry, Dakota, Dixon, Fillmore, Knox, Madison, Morrill, Nance, Platte, Polk, Seward, Thayer, Wayne, and York Counties in 1920. [3] Included in "Other counties." [4] Data included in lines 46 and 47 are not included in data in lines 34 to 45. [5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

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Location of Land in Drainage Enterprises.



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	70,273,280	70,285,440	70,285,440	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	153,373	162,980	15,940	-9,607	-5.9	147,040	922.5
Improved.....acres.....	89,721	122,918	7,970	-33,197	-27.0	114,948	[1]
Unimproved:							
Timber and cut-over.....acres.....	18,200	.....	.....	18,200	.....	.....	.....
Other.....acres.....	45,452	40,062	7,970	5,390	13.4	32,092	402.6
Drainage sufficient for normal crop.....acres.....	133,677	160,109	[2]	-26,432	-16.5	.....	.....
Partly drained, for partial crop.....acres.....	19,696	2,732	[2]	16,964	620.9	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	.....	139	[3] 5,261	-139	-100.0	-5,122	-97.4
In occupied farms.....acres.....	148,617	155,491	[2]	-6,874	-4.4	.....	.....
In planted crops.....acres.....	78,221	111,512	[2]	-33,291	-29.8	.....	.....
Idle.....acres.....	38,798	45,306	[2]	-6,508	-14.4	.....	.....
Available for settlement.....acres.....	4,756	7,489	[2]	-2,733	-36.5	.....	.....
Open ditches, completed.....miles.....	426.4	334.8	16.6	91.6	27.4	318.2	[1]
Tile drains, completed.....miles.....	.....	4.0	4.0	-4.0	-100.0	.....	.....
Drainage pumping plants, capacity.....horsepower....	22	18	.....	4	22.2	18	.....
gal. per min..	2,700	900	.....	1,800	200.0	900	.....
Capital invested in enterprises.....dollars.....	1,337,647	1,349,774	117,851	-12,127	-0.9	1,231,923	[1]
Average per acre.....dollars.....	8.72	8.28	7.39	0.44	5.3	0.89	12.0

[1] More than 1,000 percent. [2] Not available. [3] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	LAND IN ENTERPRISES[1]		
	1940	1930	1920
	Acres	*Acres*	*Acres*
All enterprises.....	153,373	162,980	15,940
200 to 499 acres.....	400	.....	.....
500 to 999 acres.....	600	.....	.....
2,000 to 4,999 acres.....	6,940	7,740	.....
5,000 to 9,999 acres.....	7,551	.....	.....
10,000 to 19,999 acres.....	11,278	77,956	15,940
20,000 to 49,999 acres.....	49,320		
50,000 to 99,999 acres.....	77,284	77,284	.....

[1] No overlapping of enterprises was indicated in Nevada.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	153,373	100.0	1,337,647	100.0
Drainage districts.....	24,398	15.9	95,000	7.1
Irrigation enterprises:				
Federal.....	82,224	53.6	1,135,329	84.9
Other.....	44,151	28.8	79,318	5.9
Individually owned projects.....	2,600	1.7	28,000	2.1
Other.....	.....	.....	.....	.....

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	153,373	100.0	162,980	100.0	15,940	100.0	1,337,647	100.0	1,349,774	100.0	117,851	100.0
Gravity drainage only by—												
Open ditches.....	76,089	49.6	85,696	52.6	15,940	100.0	288,186	21.5	400,091	29.6	117,851	100.0
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains..	.....	.....	.....	.....			.....	.....	.....	.....		
All drained by pumping.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Part only by pumping by—												
Open ditches.....	77,284	50.4	77,284	47.4	.....	.....	1,049,461	78.5	949,683	70.4	.....	.....
Tile drains.....	.....	.....					.....	.....				
Open ditches and tile drains..	.....	.....					.....	.....				
Total area served by pumps.....	200	0.1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940 AND 1930

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	1	22	100.0	2,700	200
	1930	1	18	100.0	900	50
Electric	1940	1	22	100.0	2,700	200
	1930	1	18	100.0	900	50
Other	1940	.....	.....	.....	.....	.....
	1930	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	3	2,700	100.0	22	200
	1930	2	900	100.0	18	50
Centrifugal and screw	1940	3	2,700	100.0	22	200
	1930	2	900	100.0	18	50
Other	1940	.....	.....	.....	.....	.....
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	153,373	100.0	162,980	100.0	1,337,647	100.0	1,349,774	100.0	16,983	7,400
Enterprises in arrears	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enterprises not in arrears	153,373	100.0	162,980	100.0	1,337,647	100.0	1,349,774	100.0	16,983	7,400
With some delinquent land	125,975	82.1	30,000	18.4	1,214,107	90.8	95,000	7.0	16,983	7,400
With no delinquent land	27,398	17.9	132,980	81.6	123,540	9.2	1,254,774	93.0	.....	.....

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	153,373	1,337,647	648,856	.....	.....	16,983	36,533
Enterprises in debt	125,975	1,214,107	648,856	.....	.....	16,983	36,533
In arrears	.....	.....	.....	.....	.....	.....	.....
Not in arrears	125,975	1,214,107	648,856	.....	.....	16,983	36,533
Collecting drainage taxes in 1939	125,975	1,214,107	648,856	.....	.....	16,983	36,533
Enterprises not in debt	27,398	123,540	.....	.....	.....	.....	.....
No collections reported	27,398	123,540	.....	.....	.....	.....	.....

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	153,373	100.0	1,337,647	100.0	Protection against overflow	2,000	1.3	16,000	1.2
Improvement of land already in farms	69,149	45.1	186,318	13.9	Removal of alkali or seepage from irrigation	82,224	53.6	1,135,329	84.9

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	153,373	100.0	1,337,647	100.0
1870-1879	2,600	1.7	28,000	2.1
1915-1919	106,622	69.5	1,230,329	92.0
1920-1924	7,551	4.9	10,676	0.8
1925-1929	24,922	16.2	64,421	4.8
1930-1934	400	0.3	540	(1)
1935-1939	11,278	7.4	3,681	0.3

[1] Less than one-tenth of 1 percent.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	153,373	133,677	87.2	19,696	.....	89,721	58.5	18,200	45,452	148,617	96.9	78,221	38,798	4,756
1870-1879	2,600	2,600	100.0	.....	.....	2,600	100.0	.....	.....	2,600	100.0	2,100	.....	.....
1915-1919	106,622	95,198	89.3	11,424	.....	69,670	65.3	.....	36,952	101,866	95.5	58,670	38,798	4,756
1920-1924	7,551	6,801	90.1	750	.....	2,951	39.1	3,200	1,400	7,551	100.0	2,951	.....	.....
1925-1929	24,922	21,000	84.3	3,922	.....	10,600	42.5	10,000	4,322	24,922	100.0	10,600	.....	.....
1930-1934	400	400	100.0	.....	.....	400	100.0	.....	.....	400	100.0	400	.....	.....
1935-1939	11,278	7,678	68.1	3,600	.....	3,500	31.0	5,000	2,778	11,278	100.0	3,500	.....	.....

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises	153,373	153,373	124,035	29,338	24,277	0.16	0.20
Gravity drainage only:							
Open ditches only	76,089	76,089	46,751	29,338	4,743	0.06	0.10
Open ditches and levees	.....	.....	.....	.....	.....	.....	.....
Pumping for all or part of drainage:							
Part pumping and part gravity	77,284	77,284	77,284	.....	19,534	0.25	0.25

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	153,373	100.0	1,337,647	100.0
Method:				
By district forces	150,373	98.0	1,309,107	97.9
By contract	2,000	1.3	16,000	1.2
Work apportioned to landowners	1,000	0.7	12,540	0.9
Whether systematic:				
Reporting "yes"	153,373	100.0	1,337,647	100.0

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT		ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent			Amount	Percent
Land in enterprises.....acres....	153,373	89,775	58.5	Drainage works:			
Capital invested.....dollars..	1,337,647	1,146,005	85.7	Open ditches.....miles..	426.4	342.4	80.3
				Tile drains.....miles..	.....	.....	.....
				Levees.....miles..	23.0	23.0	100.0

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received	150,373	1,309,107	414.4	.....	23.0
Civilian Conservation Corps	150,373	1,309,107	414.4	.....	23.0
Other	.....	.....	.....	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Churchill[1]	Lyon	Pershing[1]	Washoe
	LAND AREA							
1	Approximate land area	acres	1940	70,273,280	3,140,480	1,287,680	3,835,520	4,019,840
2	Drainage enterprises	number	1940	[2] 9	1	4	1	3
3	Land in enterprises	acres	1940	153,373	77,284	48,691	24,398	3,000
4			1930	162,980	77,284	52,896	30,000	2,800
5			1920	15,940	15,940	.....	.....	.....
6	Area of all enterprises, overlapping included	acres	1940	153,373	77,284	48,691	24,398	3,000
7	Amount of overlapping	acres	1940	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop	acres	1940	133,677	68,182	40,297	22,198	3,000
9			1930	160,109	74,674	52,635	30,000	2,800
10	Increase or decrease (-), 1930-1940	acres		-26,432	-6,492	-12,338	-7,802	200
11		percent		-16.5	-8.7	-23.4	-26.0	7.1
12	Land undrained, unfit for any crop	acres	1940	.....	.....	.....	.....	.....
13			1930	139	.....	139	.....	.....
14	Increase or decrease (-), 1930-1940	acres		-139	.....	-139	.....	.....
15		percent		-100.0	.....	-100.0	.....	.....
16	Land partly drained, for partial crop	acres	1940	19,696	9,102	8,394	2,200	.....
17			1930	2,732	2,610	122	.....	.....
18	Increase or decrease (-), 1930-1940	acres		16,964	6,492	8,272	2,200	.....
19		percent		620.9	248.7	6,780.3	.....	.....
20	Improved land	acres	1940	89,721	46,471	20,250	20,000	3,000
21			1930	122,918	43,706	51,412	25,000	2,800
22			1920	7,970	7,970	.....	.....	.....
	Unimproved land:							
23	Woodland and cut-over land	acres	1940	18,200	.....	18,200	.....	.....
24			1930	.....	.....	.....	.....	.....
25			1920	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	45,452	30,813	10,241	4,398	.....
27			1930	40,062	33,578	1,484	5,000	.....
28			1920	7,970	7,970	.....	.....	.....
29	Land in occupied farms	acres	1940	148,617	72,707	48,512	24,398	3,000
30			1930	155,491	72,707	52,717	27,267	2,800
31	Increase or decrease (-), 1930-1940	acres		-6,874	.....	-4,205	-2,869	200
32		percent		-4.4	.....	-8.0	-10.5	7.1
33	Land in planted crops	acres	1940	78,221	46,471	20,250	9,000	2,500
34			1930	111,512	43,706	50,306	15,000	2,500
35	Increase or decrease (-), 1930-1940	acres		-33,291	2,765	-30,056	-6,000	.....
36		percent		-29.8	6.3	-59.7	-40.0	.....
37	Land idle	acres	1940	38,798	26,236	1,562	11,000	.....
38			1930	45,306	29,001	1,305	15,000	.....
39	Increase or decrease (-), 1930-1940	acres		-6,508	-2,765	257	-4,000	.....
40		percent		-14.4	-9.5	19.7	-26.7	.....
41	Land available for settlement	acres	1940	4,756	4,577	179	.....	.....
42			1930	7,489	4,577	179	2,733	.....
43	Increase or decrease (-), 1930-1940	acres		-2,733	.....	.....	-2,733	.....
44		percent		-36.5	.....	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only	acres		76,089	.....	48,691	24,398	3,000
46	Length of these ditches	miles		124.8	.....	82.8	30.0	12.0
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	.....	.....	.....	.....
60	Length of these open ditches	miles		.....	.....	.....	.....	.....
61	Length of these tile	miles		.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3]	acres		77,284	77,284	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		301.6	301.6	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		23.0	23.0	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission by each enterprise affected.
[2] Eliminating duplication of intercounty enterprises, this number would be 8 for the State. The total number of schedules tabulated was 9.
[3] Amounts shown in lines 68, 69, and 71 are not included in lines 45 and 46.

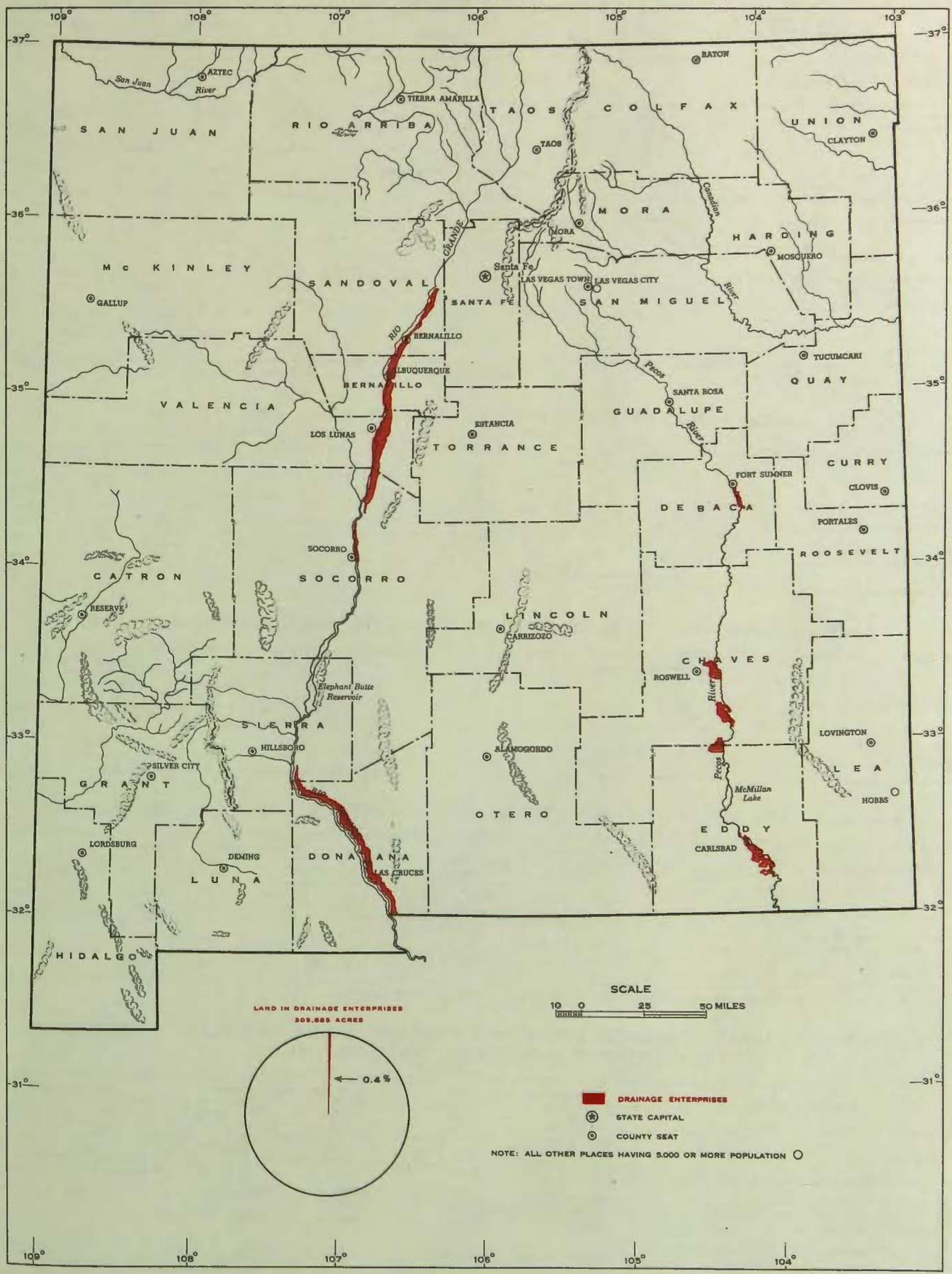
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Churchill[1]	Lyon	Pershing[1]	Washoe
	DRAINAGE WORKS							
1	Drainage enterprises	number	1940	[2] 9	1	4	1	3
	Open ditches:							
2	Completed	miles	1940	426.4	301.6	82.8	30.0	12.0
3			1930	334.8	249.0	32.8	40.0	13.0
4			1920	16.6	16.6	.....	.....	.....
5	Additional length authorized	miles	1940	18.5	10.0	8.5	.....	.....
	Tile drains:							
6	Completed	miles	1940	.....	.....	.....	.....	.....
7			1930	4.0	4.0	.....	.....	.....
8			1920	4.0	4.0	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed	miles	1940	23.0	23.0	.....	.....	.....
11			1930	33.0	23.0	.....	.....	10.0
12			1920	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity	horsepower	1940	22	22	.....	.....	.....
15			1930	18	18	.....	.....	.....
16			1920	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	2,700	2,700	.....	.....	.....
18			1930	900	900	.....	.....	.....
19			1920	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	200	200	.....	.....	.....
21			1930	50	50	.....	.....	.....
22			1920	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1	dollars	1940	1,337,647	1,049,461	164,646	95,000	28,540
26			1930	1,349,774	949,683	152,091	95,000	153,000
27			1920	117,851	117,851	.....	.....	.....
28	Estimated cost when completed	dollars	1940	1,357,657	1,054,471	179,646	95,000	28,540
29			1930	1,400,174	955,083	197,091	95,000	153,000
30			1920	117,851	117,851	.....	.....	.....
31	Average cost per acre when completed	dollars	1940	8.85	13.64	3.69	3.89	9.51
32			1930	8.59	12.36	3.73	3.17	54.64
33			1920	7.39	7.39	.....	.....	.....
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only	dollars		303,186	.....	179,646	95,000	28,540
35	Average amount per acre	dollars		3.98	.....	3.69	3.89	9.51
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars		1,054,471	1,054,471	.....	.....	.....
47	Average amount per acre	dollars		13.64	13.64	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants	dollars		19,534	19,534	.....	.....	.....
49	Enterprises reporting	number		1	1	.....	.....	.....
50	Land in these enterprises	acres		77,284	77,284	.....	.....	.....
51	Average cost per acre	dollars		0.25	0.25	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		4,743	.....	4,433	.....	310
53	Enterprises reporting	number		6	.....	3	.....	3
54	Land in these enterprises	acres		46,751	.....	43,751	.....	3,000
55	Average cost per acre	dollars		0.10	.....	0.10	.....	0.10
	Federal aid in maintenance:							
56	Enterprises reporting	number		6	1	4	1	.....
57	Land in these enterprises	acres		150,373	77,284	48,691	24,398	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939	dollars		36,533	25,261	11,272	.....	.....
59	Enterprises reporting	number		5	1	4	.....	.....
60	Land in these enterprises	acres		125,975	77,284	48,691	.....	.....
61	Average amount collected per acre	dollars		0.29	0.33	0.23	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		16,983	8,203	8,780	.....	.....
63	Enterprises reporting	number		5	1	4	.....	.....
64	Land in these enterprises	acres		125,975	77,284	48,691	.....	.....
65	Portion delinquent in these enterprises	percent		13.5	10.6	18.0	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars		648,856	567,922	80,934	.....	.....
67	Enterprises reporting	number		5	1	4	.....	.....
68	Land in these enterprises	acres		125,975	77,284	48,691	.....	.....
69	Average indebtedness per acre	dollars		5.15	7.35	1.66	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....	.....	.....
71	Enterprises reporting	number		.....	.....	.....	.....	.....
72	Land in these enterprises	acres		.....	.....	.....	.....	.....
73	Average arrearage per acre	dollars		.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....
75	Enterprises reporting	number		.....	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission by each enterprise affected.
[2] Eliminating duplication of intercounty enterprises, this number would be 8 for the State. The total number of schedules tabulated was 9.
[3] Costs shown in lines 46 and 47 are not included in lines 34 and 35.

NEW MEXICO

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	77,767,040	78,401,920	78,401,920	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	305,885	176,292	140,219	129,593	73.5	36,073	25.7
Improved.....acres.....	240,810	146,557	92,477	94,253	64.3	54,080	58.5
Unimproved:							
Timber and cut-over.....acres.....	2,874	.....	.....	2,874	.....	.....	.....
Other.....acres.....	62,201	29,735	47,742	32,466	109.2	-18,007	-37.7
Drainage sufficient for normal crop.....acres.....	284,474	144,750	[1]	139,724	96.5	.....	.....
Partly drained, for partial crop.....acres.....	9,601	16,322	[1]	-6,721	-41.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	11,810	15,220	[2] 20,572	-3,410	-22.4	-5,352	-26.0
In occupied farms.....acres.....	286,890	151,516	[1]	135,374	89.3	.....	.....
In planted crops.....acres.....	187,727	137,570	[1]	50,157	36.4	.....	.....
Idle.....acres.....	79,093	30,996	[1]	48,097	155.2	.....	.....
Available for settlement.....acres.....	26,242	13,400	[1]	12,842	95.8	.....	.....
Open ditches, completed.....miles.....	625.2	282.9	124.0	342.3	121.0	158.9	128.1
Tile drains, completed.....miles.....	308.9	305.4	282.2	3.5	1.1	23.2	8.2
Drainage pumping plants, capacity.....horsepower....	.....	.....	.....	.....	.....	.....	.....
gal. per min..	.....	.....	.....	.....	.....	.....	.....
Capital invested in enterprises.....dollars.....	5,722,121	3,279,371	1,710,796	2,442,750	74.5	1,568,575	91.7
Average per acre.....dollars.....	18.71	18.60	12.20	0.11	0.6	6.40	52.5

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	LAND IN ENTERPRISES[1]			SIZE	LAND IN ENTERPRISES[1]		
	1940	1930	1920		1940	1930	1920
	Acres	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*
All enterprises.....	305,885	176,292	140,219	5,000 to 9,999 acres.....	37,590	29,450	34,579
				10,000 to 19,999 acres.....	14,975	54,102	31,640
1,000 to 1,999 acres.....	.....	8,740	.....	20,000 to 49,999 acres.....	148,043		
2,000 to 4,999 acres.....	8,267			50,000 to 99,999 acres.....	97,010	84,000	74,000

[1] No overlapping of drainage enterprises indicated in New Mexico.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	305,885	100.0	5,722,121	100.0
Drainage districts.....	172,796	56.5	3,374,407	59.0
Irrigation enterprises:				
Federal.....	125,889	41.2	2,335,214	40.8
Other.....	7,200	2.3	12,500	0.2

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	305,885	100.0	176,292	100.0	140,219	100.0	5,722,121	100.0	3,279,371	100.0	1,710,796	100.0
Gravity drainage only by—												
Open ditches.....	193,084	63.1	92,740	52.6			3,752,393	65.6	1,872,576	57.1		
Tile drains.....	4,443	1.5	25,972	14.7	140,219	100.0	158,477	2.8	491,935	15.0	1,710,796	100.0
Open ditches and tile drains..	108,358	35.4	57,580	32.7			1,811,251	31.6	914,860	27.9		

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises.....	305,885	100.0	176,292	100.0	5,722,121	100.0	3,279,371	100.0	4,279	20,235
Enterprises in arrears—with some delinquent land.....	.....	.....	50,809	28.8	.....	.....	1,161,555	35.4	.....	19,760
Enterprises not in arrears.....	182,897	59.8	125,483	71.2	3,576,786	62.5	2,117,816	64.6	4,279	475
With some delinquent land.....	37,727	12.3	7,688	4.4	970,595	17.0	100,000	3.0	4,279	475
With no delinquent land.....	145,170	47.5	117,795	66.8	2,606,191	45.5	2,017,816	61.6	.....	.....
Enterprises not reporting on arrearage—with no report on delinquency.....	122,988	40.2	.....	.....	2,145,335	37.5	.....	.....	.....	.....

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	305,885	5,722,121	3,900,967	.....	357,324	4,279	191,390
Enterprises in debt	298,247	5,622,121	3,900,967	.....	357,324	4,279	191,264
In arrears	.....	.....	.....	.....	.....	.....	.....
Not in arrears	175,259	3,476,786	1,891,967	.....	357,324	4,279	99,764
Collecting drainage taxes in 1939	160,789	3,203,573	1,777,967	.....	219,324	367	99,764
No collections reported	14,470	273,213	114,000	.....	138,000	3,912	.....
Not reporting as to arrears	122,988	2,145,335	2,009,000	.....	.....	.....	91,500
Collecting drainage taxes in 1939	122,988	2,145,335	2,009,000	.....	.....	.....	91,500
Enterprises not in debt	7,638	100,000	.....	.....	.....	.....	126
Collecting drainage taxes in 1939	7,638	100,000	.....	.....	.....	.....	126

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	305,885	100.0	5,722,121	100.0
Removal of alkali or seepage from irrigation	305,885	100.0	5,722,121	100.0

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	305,885	100.0	5,722,121	100.0
1905-1909	25,055	8.2	129,706	2.3
1910-1914	27,056	8.8	738,097	12.9
1915-1919	123,586	40.4	2,696,483	47.1
1925-1929	122,988	40.2	2,145,335	37.5
1930-1934	7,200	2.4	12,500	0.2

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*
All enterprises	305,885	284,474	93.0	9,601	11,810	240,810	78.7	2,874	62,201	286,890	93.8	187,727	79,093	26,242
1905-1909	25,055	22,055	88.0	2,800	200	25,055	100.0	.....	.....	25,055	100.0	19,531	5,524	.....
1910-1914	27,056	27,056	100.0	.....	.....	26,558	98.2	.....	498	26,558	98.2	24,200	2,856	.....
1915-1919	123,586	105,175	85.1	6,801	11,610	104,536	84.6	.....	19,050	112,489	91.0	88,016	26,560	8,442
1925-1929	122,988	122,988	100.0	.....	.....	79,761	64.8	2,874	40,353	117,888	95.9	51,080	41,853	15,500
1930-1934	7,200	7,200	100.0	.....	.....	4,900	68.1	.....	2,300	4,900	68.1	4,900	2,300	2,300

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	305,885	305,885	291,415	14,470	71,675	0.23	0.25
Gravity drainage only	305,885	305,885	291,415	14,470	71,675	0.23	0.25
Open ditches only	100,834	100,834	100,834	.....	21,337	0.21	0.21
Open ditches and levees	92,250	92,250	92,250	.....	27,460	0.30	0.30
Tile drains only	4,443	4,443	4,443	.....	1,257	0.28	0.28
Open ditches and tile drains	77,620	77,620	63,150	14,470	9,051	0.12	0.14
Open ditches, tile drains, and levees	30,738	30,738	30,738	.....	12,570	0.41	0.41

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	305,885	100.0	5,722,121	100.0
Method, by district forces	305,885	100.0	5,722,121	100.0
Whether systematic, reporting "yes"	305,885	100.0	5,722,121	100.0

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING[1] POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	305,885	256,077	83.7
Capital invested.....dollars..	5,722,121	4,493,049	78.5
Drainage works:			
Open ditches.....miles....	625.2	609.6	97.5
Tile drains.....miles....	308.9	6.9	2.2
Levees.....miles....	181.3	181.3	100.0

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	122,988	2,145,335	341.4	2.5	181.3
Work Projects Administration	122,988	2,145,335	341.4	2.5	181.3

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprise.....acres....	305,885	[1] 104,210	34.1
Capital invested.....dollars..	5,722,121	2,204,199	38.5
Drainage works:			
Open ditches.....miles....	625.2	252.3	40.4
Tile drains.....miles....	308.9	1.0	0.3
Levees.....miles....	181.3	.....	.....

[1] Of this area, 51,000 acres or 48.9 percent is dependent for protection upon levees of outside agencies.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Bernalillo[1]	Chaves	Dona Ana[1]	Sandoval[1]	Sierra[1]	Socorro[1]	Valencia[1]	Other counties[2]
	LAND AREA											
1	Approximate land area	acres	1940	77,767,040	744,320	3,900,160	2,434,560	2,439,040	1,941,760	4,974,080	3,607,680	4,173,440
2	Drainage enterprises	number	1940	[3] 14	1	5	1	1	1	1	1	3
3	Land in enterprises	acres	1940	305,885	30,738	42,573	97,010	20,910	3,824	27,060	44,280	39,490
4			1930	176,292	3,400	51,297	84,000	.....	4,000	.....	.....	33,595
5			1920	140,219	.....	53,983	74,000	.....	.....	.....	.....	12,236
6	Area of all enterprises, overlapping included	acres	1940	305,885	30,738	42,573	97,010	20,910	3,824	27,060	44,280	39,490
7	Amount of overlapping	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND											
8	Land with drainage sufficient for normal crop	acres	1940	284,474	30,738	35,913	87,585	20,910	3,005	27,060	44,280	34,983
9			1930	144,750	3,400	42,355	68,000	.....	2,700	.....	.....	28,295
10	Increase or decrease (-), 1930-1940	acres		139,724	27,338	-6,442	19,585	20,910	305	27,060	44,280	6,688
11		percent		96.5	804.0	-15.2	28.8	.....	11.3	.....	.....	23.6
12	Land undrained, unfit for any crop	acres	1940	11,810	.....	3,155	7,251	.....	702	.....	.....	702
13			1930	15,220	.....	4,020	9,800	.....	300	.....	.....	1,100
14	Increase or decrease (-), 1930-1940	acres		-3,410	.....	-865	-2,549	.....	402	.....	.....	-398
15		percent		-22.4	.....	-21.5	-26.0	.....	134.0	.....	.....	-36.2
16	Land partly drained, for partial crop	acres	1940	9,601	.....	3,505	2,174	.....	117	.....	.....	3,805
17			1930	16,322	.....	4,922	6,200	.....	1,000	.....	.....	4,200
18	Increase or decrease (-), 1930-1940	acres		-6,721	.....	-1,417	-4,026	.....	-883	.....	.....	-395
19		percent		-41.2	.....	-28.8	-64.9	.....	-88.3	.....	.....	-9.4
20	Improved land	acres	1940	240,810	27,864	35,199	89,759	11,934	3,122	13,493	26,470	32,969
21			1930	146,557	3,100	31,562	81,000	.....	2,000	.....	.....	28,895
22			1920	92,477	.....	46,843	37,000	.....	.....	.....	.....	8,634
	Unimproved land:											
23	Woodland and cut-over land	acres	1940	2,874	2,874	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
25			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	62,201	.....	7,374	7,251	8,976	702	13,567	17,810	6,521
27			1930	29,735	300	19,735	3,000	.....	2,000	.....	.....	4,700
28			1920	47,742	.....	7,140	37,000	.....	.....	.....	.....	3,602
29	Land in occupied farms	acres	1940	286,890	28,933	35,199	97,010	20,239	3,824	25,658	43,058	32,969
30			1930	151,516	3,400	36,221	81,000	.....	2,000	.....	.....	28,895
31	Increase or decrease (-), 1930-1940	acres		135,374	25,533	-1,022	16,010	20,239	1,824	25,658	43,058	4,074
32		percent		89.3	751.0	-2.8	19.8	.....	91.2	.....	.....	14.1
33	Land in planted crops	acres	1940	187,727	2,478	31,725	75,223	11,263	2,254	12,091	25,248	27,445
34			1930	137,570	1,880	28,915	77,200	.....	1,800	.....	.....	27,775
35	Increase or decrease (-), 1930-1940	acres		50,157	598	2,810	-1,977	11,263	454	12,091	25,248	-330
36		percent		36.4	31.8	9.7	-2.6	.....	25.2	.....	.....	-1.2
37	Land idle	acres	1940	79,093	1,500	10,848	13,520	8,976	827	13,567	17,810	12,045
38			1930	30,996	1,520	19,556	4,000	.....	1,000	.....	.....	4,920
39	Increase or decrease (-), 1930-1940	acres		48,097	-20	-8,708	9,520	8,976	-173	13,567	17,810	7,125
40		percent		155.2	-1.3	-44.5	238.0	.....	-17.3	.....	.....	144.8
41	Land available for settlement	acres	1940	26,242	.....	4,221	.....	500	.....	5,000	10,000	6,521
42			1930	13,400	.....	4,200	4,000	.....	1,000	.....	.....	4,200
43	Increase or decrease (-), 1930-1940	acres		12,842	.....	21	-4,000	500	-1,000	5,000	10,000	2,321
44		percent		95.8	.....	0.5	-100.0	.....	-100.0	.....	.....	55.3
	LAND CLASSIFIED BY WORKS, 1940											
45	Land drained by open ditches only	acres		100,834	.....	.....	97,010	.....	3,824	.....	.....	.....
46	Length of these ditches	miles		245.9	.....	.....	244.3	.....	1.6	.....	.....	.....
47	Part protected by levees of an outside agency	acres		50,000	.....	.....	50,000	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		92,250	.....	.....	.....	20,910	.....	27,060	44,280	.....
49	Length of these ditches	miles		244.3	.....	.....	.....	47.2	.....	87.0	110.1	.....
50	Length of these levees	miles		135.4	.....	.....	.....	37.3	.....	48.6	49.5	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		4,443	.....	4,443	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		50.0	.....	50.0	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		77,620	.....	38,130	.....	.....	.....	.....	.....	39,490
60	Length of these open ditches	miles		37.9	.....	9.8	.....	.....	.....	.....	.....	28.1
61	Length of these tile	miles		256.4	.....	228.5	.....	.....	.....	.....	.....	27.9
62	Part protected by levees of an outside agency	acres		1,000	.....	.....	.....	.....	.....	.....	.....	1,000
63	Land drained by open ditches, tile, and levees	acres		30,738	30,738	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		97.1	97.1	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		2.5	2.5	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		45.9	45.9	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Where there are less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes De Baca and Eddy Counties in 1940 and San Juan County in 1930.
[3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 7.

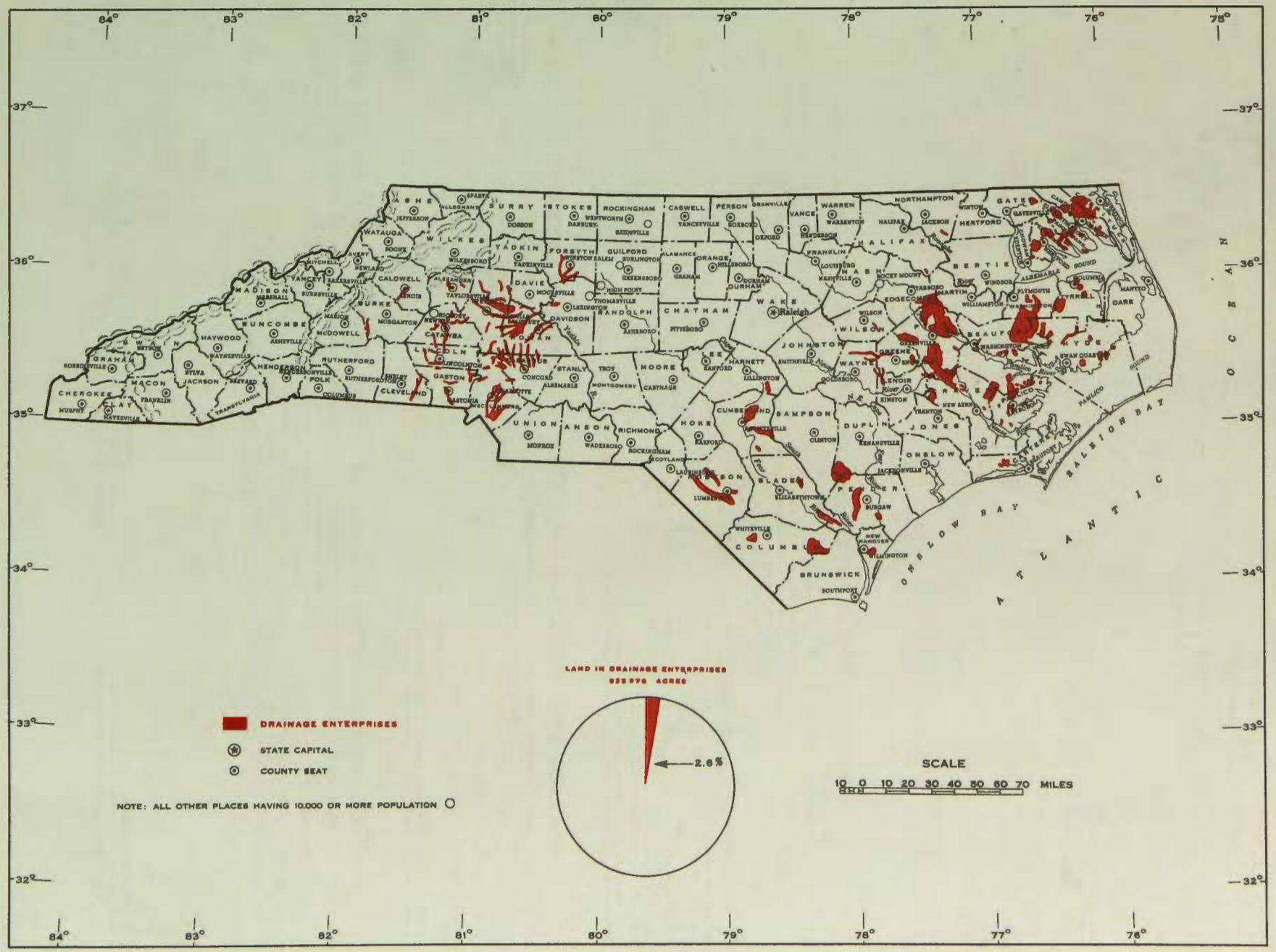
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Bernalillo[1]	Chaves	Dona Ana[1]	Sandoval[1]	Sierra[1]	Socorro[1]	Valencia[1]	Other counties[2]
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	[3] 14	1	5	1	1	1	1	1	3
	Open ditches:									
2	Completed.....miles.....1940..	625.2	97.1	9.8	244.3	47.2	1.6	87.0	110.1	28.1
3	1930..	282.9	7.0	6.8	243.0	.....	2.0	.....	.....	24.1
4	1920..	124.0	.....	7.4	100.0	.....	.....	.....	.....	16.6
5	Additional length authorized.....miles.....1940..	5.0	.....	.....	5.0	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	308.9	2.5	278.5	.....	.....	.....	.....	.....	27.9
7	1930..	305.4	.....	278.5	.....	.....	.....	.....	.....	26.9
8	1920..	282.2	.....	263.8	.....	.....	.....	.....	.....	18.4
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	181.3	45.9	.....	.....	37.3	.....	48.6	49.5	.....
11	1930..	12.0	2.0	.....	10.0	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	5,722,121	598,450	1,092,467	2,191,699	322,970	13,809	550,070	673,845	278,811
26	1930..	3,279,371	43,980	1,116,555	1,812,596	.....	15,000	.....	.....	291,240
27	1920..	1,710,796	.....	924,442	575,000	.....	.....	.....	.....	211,354
28	Estimated cost when completed.....dollars.....1940..	5,772,121	598,450	1,092,467	2,241,699	322,970	13,809	550,070	673,845	278,811
29	1930..	3,474,631	43,980	1,116,555	1,993,856	.....	20,000	.....	.....	300,240
30	1920..	2,906,296	.....	1,093,692	1,575,000	.....	.....	.....	.....	237,604
31	Average cost per acre when completed.....dollars.....1940..	18.87	19.47	25.66	23.11	15.44	3.61	20.33	15.22	7.06
32	1930..	19.71	12.94	21.77	23.74	.....	5.00	.....	.....	8.94
33	1920..	20.73	.....	20.26	21.28	.....	.....	.....	.....	19.42
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	2,255,508	.....	.....	2,241,699	.....	13,809	.....	.....	.....
35	Average amount per acre.....dollars..	22.37	.....	.....	23.11	.....	3.61	.....	.....	.....
36	Enterprises having open ditches and levees.....dollars..	1,546,885	.....	.....	.....	322,970	.....	550,070	673,845	.....
37	Average amount per acre.....dollars..	16.77	.....	.....	.....	15.44	.....	20.33	15.22	.....
38	Enterprises having tile only.....dollars..	158,477	.....	158,477	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	35.67	.....	35.67	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	1,212,801	.....	933,990	.....	.....	.....	.....	.....	278,811
43	Average amount per acre.....dollars..	15.62	.....	24.49	.....	.....	.....	.....	.....	7.06
44	Enterprises having ditches, tile, and levees.....dollars..	598,450	598,450	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	19.47	19.47	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	71,675	12,570	[4] 10,308	21,279	6,200	58	9,050	12,210	(4)
53	Enterprises reporting.....number...	12	1	4	1	1	1	1	1	2
54	Land in these enterprises.....acres....	291,415	30,738	[4] 67,593	97,010	20,910	3,824	27,060	44,280	(4)
55	Average cost per acre.....dollars..	0.24	0.41	[4] 0.15	0.22	0.30	0.02	0.33	0.28	(4)
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	4	1	.....	.....	1	.....	1	1	.....
57	Land in these enterprises.....acres....	122,988	30,738	.....	.....	20,910	.....	27,060	44,280	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	191,390	47,600	[4] 25,387	74,390	7,800	113	9,600	26,500	(4)
59	Enterprises reporting.....number...	12	1	4	1	1	1	1	1	2
60	Land in these enterprises.....acres....	291,415	30,738	[4] 67,593	97,010	20,910	3,824	27,060	44,280	(4)
61	Average amount collected per acre.....dollars..	0.66	1.55	[4] 0.38	0.77	0.37	0.03	0.35	0.60	(4)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	4,279	.....	[4] 4,279	.....	.....	.....	.....	.....	(4)
63	Enterprises reporting.....number...	4	.....	3	.....	.....	.....	.....	.....	1
64	Land in these enterprises.....acres....	37,727	.....	[4] 37,727	.....	.....	.....	.....	.....	(4)
65	Portion delinquent in these enterprises.....percent..	11.3	.....	[4] 11.3	.....	.....	.....	.....	.....	(4)
66	Total indebtedness, Dec. 31, 1939.....dollars..	3,900,967	561,000	291,000	1,432,450	302,000	8,950	515,000	631,000	159,567
67	Enterprises reporting.....number...	13	1	4	1	1	1	1	1	3
68	Land in these enterprises.....acres....	296,247	30,738	34,935	97,010	20,910	3,824	27,060	44,280	39,490
69	Average indebtedness per acre.....dollars..	13.08	18.25	8.33	14.77	14.44	2.34	19.03	14.25	4.04
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	357,324	.....	[4] 357,324	.....	.....	.....	.....	.....	(4)
75	Enterprises reporting.....number...	5	.....	4	.....	.....	.....	.....	.....	1
76	Land in these enterprises.....acres....	42,170	.....	[4] 42,170	.....	.....	.....	.....	.....	(4)
77	Average reduction per acre.....dollars..	8.47	.....	[4] 8.47	.....	.....	.....	.....	.....	(4)

[1] Where there are less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes De Baca and Eddy Counties in 1940 and San Juan County in 1930.
[3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 7.
[4] Data for De Baca and Eddy Counties included in those for Chaves County.

NORTH CAROLINA

Location of Land in Drainage Enterprises.



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	31,450,880	31,193,600	31,193,600	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	825,576	679,236	542,828	146,340	21.5	136,408	25.1
Improved.....acres.....	534,717	305,597	204,928	229,120	75.0	100,669	49.1
Unimproved:							
Timber and cut-over.....acres.....	236,506	209,961	244,576	26,545	12.6	-34,615	-14.2
Other.....acres.....	54,353	163,678	93,324	-109,325	-66.8	70,354	75.4
Drainage sufficient for normal crop.....acres.....	717,099	438,992	(1)	278,107	63.4	.....	.....
Partly drained, for partial crop.....acres.....	50,535	160,977	(1)	-110,442	-68.6	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	57,942	79,267	[2] 77,494	-21,325	-26.9	1,773	2.3
In occupied farms.....acres.....	673,034	331,121	(1)	341,913	103.2	.....	.....
In planted crops.....acres.....	425,589	267,525	(1)	158,064	59.1	.....	.....
Idle.....acres.....	378,478	363,415	(1)	15,063	4.1	.....	.....
Available for settlement.....acres.....	113,994	248,147	(1)	-134,153	-54.1	.....	.....
Open ditches, completed.....miles.....	1,846.6	1,483.5	1,171.3	363.1	24.5	312.2	26.7
Drainage pumping plants, capacity.....horsepower....	.....	3,000	1,000	-3,000	-100.0	2,000	200.0
gal. per min..	.....	1,000,000	1,000,000	-1,000,000	-100.0	.....	.....
Capital invested in enterprises.....dollars.....	5,467,906	4,719,079	3,623,518	748,827	15.9	1,095,561	30.2
Average per acre.....dollars.....	6.62	6.95	6.68	-0.33	-4.7	0.27	4.0

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	Acres	Acres	Acres		Acres	Acres	Acres	Acres
All enterprises.....	899,848	688,436	552,428	825,576	5,000 to 9,999 acres.....	132,000	81,272	71,717	117,083
Less than 100 acres.....	302	98	120	302	10,000 to 19,999 acres.....	165,585	365,742	265,640	165,585
100 to 199 acres.....	2,533	418		1,526	20,000 to 49,999 acres.....	222,140			218,990
200 to 499 acres.....	23,805	5,075	2,997	17,471	50,000 to 99,999 acres.....	56,500	.....	.....	56,500
500 to 999 acres.....	72,318	17,924	15,928	50,421					
1,000 to 1,999 acres.....	109,235	117,907	96,026	91,945	100,000 acres and over.....	.....	100,000	100,000	.....
2,000 to 4,999 acres.....	115,430			105,753					

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	825,576	100.0	5,467,906	100.0
Drainage districts.....	728,296	88.2	4,994,302	91.3
County drains.....	38,580	4.7	166,279	3.1
Individually owned projects.....	58,700	7.1	307,325	5.6

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises.....	825,576	100.0	679,236	100.0	542,828	100.0	5,467,906	100.0	4,719,079	100.0	3,623,518	100.0
Gravity drainage only by—												
Open ditches.....	825,576	100.0	577,796	85.1	442,828	81.6	5,467,906	100.0	3,961,079	83.9	2,888,144	79.7
Tile drains.....	.....	.....	.....	.....			.....	.....	.....	.....		
Open ditches and tile drains..	.....	.....	1,440	0.2			.....	.....	8,000	0.2		
All drained by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	.....	.....	100,000	14.7	100,000	18.4	.....	.....	750,000	15.9	735,374	20.3
Open ditches and tile drains..	.....	.....					.....	.....				
Total area served by pumps.....	.....	.....	100,000	14.7	100,000	18.4	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	825,576	100.0	679,236	100.0	5,467,906	100.0	4,719,079	100.0	122,674	95,266
Enterprises in arrears	170,244	20.6	122,131	18.0	1,370,639	25.1	1,049,039	22.2	111,264	93,146
With some delinquent land	158,569	19.2	102,745	15.1	1,220,200	22.3	888,339	18.8	111,264	93,146
With no delinquent land	11,675	1.4	.....	.....	150,439	2.8	.....	.....	.....	.....
With no report on delinquency	.....	.....	19,386	2.9	.....	.....	160,700	3.4	.....	.....
Enterprises not in arrears	654,552	79.3	557,105	82.0	4,083,267	74.7	3,670,040	77.8	11,410	2,120
With some delinquent land	23,992	2.9	9,116	1.3	259,785	4.8	75,000	1.6	11,410	2,120
With no delinquent land	625,860	75.8	542,819	79.9	3,811,546	69.7	3,545,040	75.1	.....	.....
With no report on delinquency	4,700	0.6	5,170	0.8	11,936	0.2	50,000	1.1	.....	.....
Enterprises not reporting on arrearage	780	0.1	.....	.....	14,000	0.2	.....	.....	.....	.....
With no report on delinquency	780	0.1	.....	.....	14,000	0.2	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	825,576	5,467,906	686,601	518,388	72,788	122,674	41,125
Enterprises in debt	[2] 289,712	1,775,699	686,601	518,388	59,038	118,164	11,954
In arrears, amount of arrearage stated	167,987	1,346,039	520,388	518,388	35,038	111,264	2,980
Collecting drainage taxes in 1939	16,000	27,500	1,100	1,100	.....	400	2,980
No collections reported	151,987	1,318,539	519,288	517,288	35,038	110,864	.....
In arrears, amount not stated	[2] 2,257	24,600	.....	.....	4,000	.....	.....
No collections reported	[2] 2,257	24,600	.....	.....	4,000	.....	.....
Not in arrears	119,468	405,060	166,213	.....	20,000	6,900	8,974
Collecting drainage taxes in 1939	73,494	281,200	91,713	.....	20,000	6,900	8,974
No collections reported	45,974	123,860	74,500	.....	.....	.....	.....
Enterprises not in debt	515,904	3,640,707	.....	.....	13,750	4,510	29,171
Collecting drainage taxes in 1939	54,833	407,935	.....	.....	13,750	4,457	29,171
No collections reported	461,071	3,232,772	.....	.....	.....	53	.....
Enterprises not reporting as to debt	19,960	51,500	.....	.....	.....	.....	.....
No collections reported	19,960	51,500	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 2,257 acres for which amount of indebtedness was not reported.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	825,576	100.0	5,467,906	100.0	Reclamation of swamp land not previously in farms	146,090	17.7	1,057,796	19.3
Improvement of land already in farms	603,898	73.1	3,688,847	67.5	Protection against overflow	75,588	9.2	721,263	13.2

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises (acres)		Capital invested	
	Acres	Percent	Total[2]	Overlapped	Dollars	Percent
All enterprises	825,576	100.0	899,848	74,272	5,467,906	100.0
Before 1870	29,225	3.5	42,305	13,080	228,500	4.2
1870-1879	7,650	0.9	11,000	3,350	37,210	0.7
1880-1889	8,226	1.0	15,021	6,795	50,300	0.9
1890-1899	7,479	0.9	10,729	3,250	34,692	0.6
1900-1904	18,785	2.3	24,835	6,050	65,550	1.2
1905-1909	38,108	4.6	47,484	9,376	264,159	4.8
1910-1914	250,625	30.4	271,381	20,756	1,794,569	32.8
1915-1919	60,086	7.3	64,567	4,481	723,775	13.2
1920-1924	230,528	27.9	236,169	5,641	1,598,761	29.2
1925-1929	53,499	6.5	54,439	940	478,294	8.8
1930-1934	30,142	3.7	30,342	200	74,865	1.4
1935-1939	91,223	11.0	91,576	353	117,231	2.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	825,576	717,099	86.9	50,535	57,942	534,717	64.8	236,506	54,353	673,034	81.5	425,589	378,478	113,994
Before 1870.....	29,225	23,125	79.1	3,200	2,900	20,275	69.4	5,450	3,500	21,425	73.3	15,825	11,900	4,600
1870-1879.....	7,650	6,600	86.3	150	900	5,850	76.5	1,800	.....	6,850	89.5	5,300	2,150	600
1880-1889.....	8,226	7,426	90.3	200	600	5,701	69.3	2,325	200	8,226	100.0	4,650	3,576	.....
1890-1899.....	7,479	7,227	96.6	152	100	6,352	84.9	1,127	.....	7,479	100.0	5,750	1,729	.....
1900-1904.....	18,785	14,985	79.8	1,350	2,450	13,705	73.0	4,430	650	16,635	88.6	12,040	4,445	1,600
1905-1909.....	38,108	35,108	92.1	3,000	.....	26,755	70.2	11,353	.....	34,990	91.8	20,248	13,958	3,118
1910-1914.....	250,625	194,500	77.6	20,176	35,949	144,044	57.5	91,801	14,780	181,988	72.6	121,401	128,264	42,375
1915-1919.....	60,086	51,532	85.8	6,029	2,525	34,616	57.6	16,945	8,525	48,892	81.4	27,295	31,276	7,500
1920-1924.....	230,528	210,655	91.4	15,525	4,348	155,328	67.4	58,900	16,300	181,574	78.8	112,875	117,288	45,744
1925-1929.....	53,499	52,541	98.2	23	935	42,214	78.9	9,512	1,773	50,842	95.0	34,290	17,609	1,257
1930-1934.....	30,142	30,142	100.0	.....	.....	26,634	88.4	2,408	1,100	30,142	100.0	23,105	7,037	.....
1935-1939.....	91,223	83,258	91.3	730	7,235	53,243	58.4	30,455	7,525	83,991	92.1	42,810	39,246	7,000

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	825,576	823,131	55,743	767,388	15,413	0.02	0.28
Gravity drainage only.....	825,576	823,131	55,743	767,388	15,413	0.02	0.28
Open ditches only.....	820,424	817,979	55,743	762,236	15,413	0.02	0.28
Open ditches and levees.....	5,152	5,152	.....	5,152	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	825,576	100.0	5,467,906	100.0
Method:				
By district forces.....	119,072	14.4	424,278	7.8
By contract.....	361,896	43.8	3,085,278	56.4
Work apportioned to landowners.....	72,595	8.8	223,909	4.1
"None," or not reporting.....	272,013	32.9	1,734,441	31.7
Whether systematic:				
Reporting "yes".....	186,412	22.6	748,582	13.7
Reporting "no".....	639,164	77.4	4,719,324	86.3

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT		ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent			Amount	Percent
Land in enterprises.....acres....	825,576	50,919	6.2	Drainage works:			
Capital invested.....dollars..	5,467,906	290,799	5.3	Open ditches.....miles..	1,846.6	223.3	12.1
				Levees.....miles..	4.0	.....	.....

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS			AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees				Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles		Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received.....	314,561	1,403,779	597.3	.....	.....	Civilian Conservation Corps.....	2,861	68,781	24.8	.....	.....
						W.P.A. and C.C.C.....	20,000	30,750	43.0	.....	.....
Work Projects Administration.....	278,200	1,217,748	496.9	.....	.....	Other kind or combination.....	13,500	86,500	32.6	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Alexander	Beaufort	Bladen	Cabarrus	Camden	Carteret	Catawba
	LAND AREA								
1	Approximate land area.....acres....1940..	31,450,880	163,200	531,840	562,560	230,400	152,960	340,480	259,840
2	Drainage enterprises.....number...1940..	[1] 288	3	33	4	7	10	3	5
3	Land in enterprises.....acres....1940..	825,576	773	95,323	11,103	4,931	40,381	3,400	3,961
4	1930..	679,236	(2)	87,196	6,740	3,319	19,229	(2)	6,145
5	1920..	542,828	(2)	59,629	7,533	(2)	11,914	33,000	(2)
6	Area of all enterprises, overlapping included.....acres....1940..	899,848	773	112,243	11,103	4,931	48,179	3,400	3,961
7	Amount of overlapping.....acres....1940..	74,272	.....	16,920	.....	.....	7,798	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	717,099	773	77,806	10,103	4,931	15,200	3,400	3,961
9	1930..	438,992	(2)	76,831	5,240	2,600	3,200	(2)	4,530
10	Increase or decrease (-), 1930-1940.....acres.....	278,107	.....	975	4,863	2,331	12,000	.....	-569
11	percent.....	63.4	.....	1.3	92.8	89.6	375.0	.....	-12.6
12	Land undrained, unfit for any crop.....acres....1940..	57,942	.....	5,753	1,000	.....	25,029	.....	.....
13	1930..	79,267	(2)	2,400	1,350	165	12,818	(2)	1,095
14	Increase or decrease (-), 1930-1940.....acres.....	-21,325	.....	3,353	-350	-165	12,211	.....	-1,095
15	percent.....	-26.9	.....	139.7	-25.9	-100.0	95.3	.....	-100.0
16	Land partly drained, for partial crop.....acres....1940..	50,535	.....	11,764	.....	.....	152	.....	.....
17	1930..	160,977	(2)	7,965	150	554	3,211	(2)	520
18	Increase or decrease (-), 1930-1940.....acres.....	-110,442	.....	3,799	-150	-554	-3,059	.....	-520
19	percent.....	-68.6	.....	47.7	-100.0	-100.0	-95.3	.....	-100.0
20	Improved land.....acres....1940..	534,717	773	51,291	7,323	4,280	10,552	3,250	3,381
21	1930..	305,597	(2)	42,384	3,500	2,150	6,411	(2)	5,105
22	1920..	204,928	(2)	24,803	6,731	(2)	2,979	150	(2)
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	236,506	.....	38,032	3,780	651	12,755	150	580
24	1930..	209,961	(2)	34,856	1,300	700	2,000	(2)	70
25	1920..	244,576	(2)	34,826	802	(2)	8,935	4,950	(2)
26	Other unimproved land.....acres....1940..	54,353	.....	6,000	.....	.....	17,074	.....	.....
27	1930..	163,678	(2)	9,956	1,940	469	10,818	(2)	970
28	1920..	93,324	(2)	.....	.....	(2)	.....	27,900	(2)
29	Land in occupied farms.....acres....1940..	673,034	773	64,604	10,153	4,831	15,552	3,400	3,961
30	1930..	331,121	(2)	39,274	3,240	3,319	8,411	(2)	5,775
31	Increase or decrease (-), 1930-1940.....acres.....	341,913	.....	25,330	6,913	1,512	7,141	.....	-1,814
32	percent.....	103.2	.....	64.5	213.4	45.6	84.9	.....	-31.4
33	Land in planted crops.....acres....1940..	425,589	625	39,694	4,600	3,025	9,500	3,175	2,780
34	1930..	267,525	(2)	35,670	2,500	2,050	6,411	(2)	5,050
35	Increase or decrease (-), 1930-1940.....acres.....	158,064	.....	4,024	2,100	975	3,089	.....	-2,270
36	percent.....	59.1	.....	11.3	84.0	47.6	48.2	.....	-45.0
37	Land idle.....acres....1940..	378,478	148	54,069	6,503	1,906	25,014	225	1,161
38	1930..	363,415	(2)	50,821	4,040	625	12,818	(2)	555
39	Increase or decrease (-), 1930-1940.....acres.....	15,063	.....	3,248	2,463	1,281	12,196	.....	606
40	percent.....	4.1	.....	6.4	61.0	205.0	95.1	.....	109.2
41	Land available for settlement.....acres....1940..	113,994	.....	25,809	.....	.....	7,000	.....	.....
42	1930..	248,147	(2)	45,622	2,150	.....	.....	(2)	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-134,153	.....	-19,813	-2,150	.....	.....	.....	.....
44	percent.....	-54.1	.....	-43.4	-100.0	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	820,424	773	95,323	11,103	4,931	40,381	3,400	3,961
46	Length of these ditches.....miles.....	1,834.6	11.2	198.0	22.0	44.3	38.6	6.0	41.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	5,152	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	12.0	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	4.0	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 246.
[2] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Craven	Cumberland	Currituck	Duplin[1]	Edgecombe	Gaston	Gates[1]	Greene	Hyde
	LAND AREA									
1	Approximate land area.....acres....1940..	464,000	423,040	174,720	526,080	327,040	229,120	219,520	172,160	405,760
2	Drainage enterprises.....number...1940..	11	4	6	1	4	5	1	4	16
3	Land in enterprises.....acres....1940..	30,089	30,925	14,918	11,942	36,000	2,850	3,148	5,564	31,657
4	1930..	4,000	30,711	18,600	.....	(2)	3,615	.....	5,289	127,713
5	1920..	7,800	23,000	25,915	.....	4,857	(2)	.....	(2)	128,529
6	Area of all enterprises, overlapping included.....acres....1940..	34,539	30,925	14,918	11,942	36,200	2,850	3,148	5,564	41,554
7	Amount of overlapping.....acres....1940..	4,450	.....	.....	.....	200	.....	.....	.....	9,897
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	29,289	28,925	11,668	11,942	36,000	2,850	3,148	5,564	23,150
9	1930..	3,000	15,711	8,800	.....	(2)	2,751	.....	5,289	61,597
10	Increase or decrease (-), 1930-1940.....acres.....	26,289	13,214	2,868	.....	.....	99	.....	275	-38,447
11	percent.....	876.3	84.1	32.6	.....	.....	3.6	.....	5.2	-62.4
12	Land undrained, unfit for any crop.....acres....1940..	600	.....	.....	.....	.....	.....	.....	.....	4,240
13	1930..	500	.....	6,000	.....	(2)	430	.....	.....	15,116
14	Increase or decrease (-), 1930-1940.....acres.....	100	.....	-6,000	.....	.....	-430	.....	.....	-10,876
15	percent.....	20.0	.....	-100.0	.....	.....	-100.0	.....	.....	-72.0
16	Land partly drained, for partial crop.....acres....1940..	200	2,000	3,250	.....	.....	.....	.....	.....	4,267
17	1930..	500	15,000	3,800	.....	(2)	434	.....	.....	51,000
18	Increase or decrease (-), 1930-1940.....acres.....	-300	-13,000	-550	.....	.....	-434	.....	.....	-46,733
19	percent.....	-60.0	-86.7	-14.5	.....	.....	-100.0	.....	.....	-91.6
20	Improved land.....acres....1940..	9,775	24,280	10,000	9,942	21,200	2,340	2,980	5,075	15,540
21	1930..	3,000	13,211	10,100	.....	(2)	2,410	.....	2,789	28,919
22	1920..	2,190	13,800	8,579	.....	4,857	(2)	.....	(2)	33,728
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	20,114	6,645	4,918	2,000	14,800	510	168	489	11,817
24	1930..	500	12,500	2,000	.....	(2)	1,020	.....	2,500	10,298
25	1920..	5,610	9,200	17,336	.....	.....	(2)	.....	(2)	42,671
26	Other unimproved land.....acres....1940..	200	.....	.....	.....	.....	.....	.....	.....	4,300
27	1930..	500	5,000	6,500	.....	(2)	185	.....	.....	88,496
28	1920..	.....	.....	.....	.....	.....	(2)	.....	(2)	52,130
29	Land in occupied farms.....acres....1940..	16,089	30,925	11,700	11,942	36,000	2,850	3,148	5,564	16,867
30	1930..	3,000	22,711	10,100	.....	(2)	3,193	.....	2,289	28,919
31	Increase or decrease (-), 1930-1940.....acres.....	13,089	8,214	1,600	.....	.....	-343	.....	3,275	-12,052
32	percent.....	436.3	36.2	15.8	.....	.....	-10.7	.....	143.1	-41.7
33	Land in planted crops.....acres....1940..	9,150	22,900	5,693	8,000	20,400	1,840	2,980	4,390	10,677
34	1930..	3,000	13,200	7,100	.....	(2)	2,310	.....	2,289	28,919
35	Increase or decrease (-), 1930-1940.....acres.....	6,150	9,700	-1,407	.....	.....	-470	.....	2,101	-18,242
36	percent.....	205.0	73.5	-19.8	.....	.....	-20.3	.....	91.8	-63.1
37	Land idle.....acres....1940..	21,439	8,025	5,243	3,942	15,600	1,010	168	1,174	18,780
38	1930..	500	17,000	8,000	.....	(2)	1,132	.....	3,000	93,234
39	Increase or decrease (-), 1930-1940.....acres.....	20,939	-8,975	-2,757	.....	.....	-122	.....	-1,826	-74,454
40	percent.....	(3)	-52.8	-34.5	.....	.....	-10.8	.....	-60.9	-79.8
41	Land available for settlement.....acres....1940..	14,000	.....	3,118	.....	.....	.....	.....	.....	10,307
42	1930..	500	8,000	2,000	.....	(2)	.....	.....	3,000	77,238
43	Increase or decrease (-), 1930-1940.....acres.....	13,500	-8,000	1,118	.....	.....	.....	.....	-3,000	-66,931
44	percent.....	(3)	-100.0	55.9	.....	.....	.....	.....	-100.0	-86.6
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	30,089	30,925	14,918	11,942	36,000	2,850	3,148	5,564	31,657
46	Length of these ditches.....miles.....	59.6	51.5	42.1	13.0	25.6	29.0	4.1	13.7	63.1
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Iredell	Lenoir	Lincoln	Mecklenburg	Pamlico	Pasquotank	Pender	Perquimans
	LAND AREA								
1	Approximate land area.....acres....1940..	378,240	250,240	197,120	346,880	218,240	146,560	548,480	167,040
2	Drainage enterprises.....number...1940..	16	3	5	22	11	13	5	10
3	Land in enterprises.....acres....1940..	27,958	4,451	2,782	38,988	6,605	15,869	25,248	21,750
4	1930..	32,135	4,861	7,076	20,119	11,500	(1)	37,700	(1)
5	1920..	8,679	4,833	(1)	17,224	19,875	.....	(1)	8,300
6	Area of all enterprises, overlapping included.....acres....1940..	30,158	4,451	2,782	38,988	6,605	16,269	25,248	24,750
7	Amount of overlapping.....acres....1940..	2,200	.....	.....	.....	.....	400	.....	3,000
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	27,958	4,451	2,782	38,718	6,005	11,769	20,377	14,450
9	1930..	25,500	3,861	6,909	18,476	1,000	(1)	10,400	(1)
10	Increase or decrease (-), 1930-1940.....acres.....	2,458	590	-4,127	20,242	5,005	.....	9,977	.....
11	percent.....	9.6	15.3	-59.7	109.6	500.5	.....	95.9	.....
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	220	600	3,500	200	6,550
13	1930..	860	500	6	434	.....	(1)	18,600	(1)
14	Increase or decrease (-), 1930-1940.....acres.....	-860	-500	-6	-214	.....	.....	-18,400	.....
15	percent.....	-100.0	-100.0	-100.0	-49.3	.....	.....	-98.9	.....
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	.....	50	.....	600	4,671	750
17	1930..	5,775	500	161	1,209	10,500	(1)	8,700	(1)
18	Increase or decrease (-), 1930-1940.....acres.....	-5,775	-500	-161	-1,159	-10,500	.....	-4,029	.....
19	percent.....	-100.0	-100.0	-100.0	-95.9	-100.0	.....	-46.3	.....
20	Improved land.....acres....1940..	23,806	3,575	2,485	25,930	5,595	8,643	17,600	13,600
21	1930..	22,869	3,861	4,000	11,220	1,000	(1)	9,980	(1)
22	1920..	7,509	2,376	(1)	14,358	867	.....	(1)	8,300
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	2,032	876	297	9,108	1,010	7,126	7,648	7,500
24	1930..	6,392	500	3,011	8,567	10,500	(1)	22,420	(1)
25	1920..	591	2,457	(1)	484	19,008	.....	(1)	.....
26	Other unimproved land.....acres....1940..	2,120	.....	.....	3,950	.....	100	.....	650
27	1930..	2,874	500	65	332	.....	(1)	5,300	(1)
28	1920..	579	.....	(1)	2,382	.....	.....	(1)	.....
29	Land in occupied farms.....acres....1940..	27,958	4,451	2,782	38,988	6,605	10,093	25,248	15,750
30	1930..	30,010	3,861	6,850	19,417	1,000	(1)	10,100	(1)
31	Increase or decrease (-), 1930-1940.....acres.....	-2,052	590	-4,068	19,571	5,605	.....	15,148	.....
32	percent.....	-6.8	15.3	-59.4	100.8	560.5	.....	150.0	.....
33	Land in planted crops.....acres....1940..	20,515	3,450	1,950	23,295	5,070	8,343	13,830	11,550
34	1930..	22,849	3,661	3,700	10,946	1,000	(1)	7,980	(1)
35	Increase or decrease (-), 1930-1940.....acres.....	-2,334	-211	-1,750	12,349	4,070	.....	5,850	.....
36	percent.....	-10.2	-5.8	-47.3	112.8	407.0	.....	73.3	.....
37	Land idle.....acres....1940..	7,443	1,001	832	12,293	1,535	6,226	11,418	9,200
38	1930..	6,609	1,000	3,376	9,173	10,500	(1)	22,700	(1)
39	Increase or decrease (-), 1930-1940.....acres.....	834	1	-2,544	3,120	-8,965	.....	-11,282	.....
40	percent.....	12.6	0.1	-75.4	34.0	-85.4	.....	-49.7	.....
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	5,776	.....	5,500
42	1930..	1,800	1,000	.....	200	10,500	(1)	9,000	(1)
43	Increase or decrease (-), 1930-1940.....acres.....	-1,800	-1,000	.....	-200	-10,500	.....	-9,000	.....
44	percent.....	-100.0	-100.0	.....	-100.0	-100.0	.....	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	27,958	4,451	2,782	38,988	6,605	15,869	20,096	21,750
46	Length of these ditches.....miles.....	133.8	7.1	34.0	132.0	24.3	35.1	59.0	67.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	5,152	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	12.0	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	4.0	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)			Pitt	Robeson	Rowan	Sampson[1]	Tyrrell	Washington	Other counties[2]
	LAND AREA									
1	Approximate land area	acres	1940	419,840	604,160	330,880	616,320	255,360	215,040	4,769,280
2	Drainage enterprises	number	1940	27	3	17	1	6	10	22
3	Land in enterprises	acres	1940	148,246	41,796	17,425	14,436	7,815	51,754	73,488
4			1930	48,088	41,700	9,698	.....	3,961	40,544	109,297
5			1920	6,200	32,600	7,027	.....	(3)	38,444	97,469
6	Area of all enterprises, overlapping included	acres	1940	169,320	41,796	17,998	14,436	7,815	58,814	74,188
7	Amount of overlapping	acres	1940	21,074	.....	573	.....	.....	7,060	700
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	147,746	37,796	15,948	14,436	7,815	34,850	63,288
9			1930	42,338	28,000	6,600	.....	3,150	28,500	74,709
10	Increase or decrease (-), 1930-1940	acres		105,408	9,796	9,348	.....	4,665	6,350	-11,421
11		percent		249.9	35.0	141.6	.....	148.1	22.3	-15.3
12	Land undrained, unfit for any crop	acres	1940	200	.....	350	.....	.....	3,700	6,000
13			1930	1,000	200	343	.....	611	1,544	15,295
14	Increase or decrease (-), 1930-1940	acres		-800	-200	7	.....	-611	2,156	-9,295
15		percent		-80.0	-100.0	2.0	.....	-100.0	139.6	-60.8
16	Land partly drained, for partial crop	acres	1940	300	4,000	1,127	.....	.....	13,204	4,200
17			1930	4,750	13,500	2,755	.....	200	10,500	19,293
18	Increase or decrease (-), 1930-1940	acres		-4,450	-9,500	-1,628	.....	-200	2,704	-15,093
19		percent		-93.7	-70.4	-59.1	.....	-100.0	25.8	-78.2
20	Improved land	acres	1940	126,653	32,632	11,360	12,436	6,625	19,000	42,795
21			1930	43,088	16,100	6,200	.....	3,661	16,950	46,689
22			1920	1,760	9,780	5,151	.....	(3)	5,617	51,393
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	21,593	9,164	3,306	2,000	1,190	15,554	30,693
24			1930	1,000	19,100	2,824	.....	.....	21,550	46,353
25			1920	4,440	22,820	960	.....	(3)	32,827	36,659
26	Other unimproved land	acres	1940	.....	.....	2,759	.....	.....	17,200	.....
27			1930	4,000	6,500	674	.....	300	2,044	16,255
28			1920	.....	.....	916	.....	(3)	.....	9,417
29	Land in occupied farms	acres	1940	148,246	41,796	16,864	14,436	7,815	24,894	48,749
30			1930	42,875	16,100	9,698	.....	2,650	14,950	43,379
31	Increase or decrease (-), 1930-1940	acres		105,371	25,696	7,166	.....	5,165	9,944	5,370
32		percent		245.8	159.6	73.9	.....	194.9	66.5	12.4
33	Land in planted crops	acres	1940	86,810	29,432	9,225	10,000	6,020	14,670	32,000
34			1930	37,875	16,100	6,000	.....	2,200	12,930	33,785
35	Increase or decrease (-), 1930-1940	acres		48,935	13,332	3,225	.....	3,820	1,740	-1,785
36		percent		129.2	82.8	53.8	.....	173.6	13.4	-5.3
37	Land idle	acres	1940	61,421	11,364	7,950	4,436	1,795	37,084	40,073
38			1930	5,213	21,000	2,576	.....	1,761	25,594	62,188
39	Increase or decrease (-), 1930-1940	acres		56,208	-9,636	5,374	.....	34	11,490	-22,115
40		percent		(4)	-45.9	208.6	.....	1.9	44.9	-35.6
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	25,560	16,924
42			1930	4,213	23,200	.....	.....	700	23,050	35,974
43	Increase or decrease (-), 1930-1940	acres		-4,213	-23,200	.....	.....	-700	2,510	19,050
44		percent		-100.0	-100.0	.....	.....	-100.0	10.9	53.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		148,246	41,796	17,425	14,436	7,815	51,754	73,488
46	Length of these ditches	miles		138.1	58.2	131.5	16.0	22.6	105.3	206.8
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.

[2] Includes Burke, Caldwell, Chowan, Cleveland, Columbus, Davidson, Forsyth, Halifax, Harnett, McDowell, Martin, New Hanover, Northampton, Wayne, and Wilson Counties in 1940; Alexander, Burke, Caldwell, Carteret, Chowan, Cleveland, Columbus, Davidson, Edgecombe, Forsyth, Harnett, McDowell, New Hanover, Pasquotank, Perquimans, Wayne, and Wilson Counties in 1930; and Alexander, Burke, Cabarrus, Caldwell, Catawba, Chowan, Cleveland, Columbus, Davidson, Forsyth, Gaston, Greene, Harnett, Jones, Lincoln, McDowell, New Hanover, Pender, Tyrrell, Wayne, and Wilson Counties for 1920.

[3] Included in "Other counties."

[4] Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Alexander	Beaufort	Bladen	Cabarrus	Camden	Carteret	Catawba
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[1] 288	3	33	4	7	10	3	5
	Open ditches:								
2	Completed.....miles.....1940..	1,846.6	11.2	198.0	22.0	44.3	38.6	6.0	41.5
3	1930..	1,483.5	(2)	157.0	20.0	21.5	11.9	(2)	60.0
4	1920..	1,171.3	(2)	107.6	24.5	(2)	8.0	41.2	(2)
5	Additional length authorized.....miles.....1940..	48.0	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	4.0	.....	.....	.....	.....	.....	.....	.....
11	1930..	22.0	.....	.....	8.0	.....	.....	.....	.....
12	1920..	33.5	.....	.....	3.5	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	3,000	.....	.....	.....	.....	.....	.....	.....
16	1920..	1,000	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	1,000,000	.....	.....	.....	.....	.....	.....	.....
19	1920..	1,000,000	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	100,000	.....	.....	.....	.....	.....	.....	.....
22	1920..	100,000	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	5,467,906	39,314	539,362	93,511	116,230	124,500	8,000	69,341
26	1930..	4,719,079	(2)	575,947	64,000	54,177	35,918	(2)	138,935
27	1920..	3,623,518	(2)	304,250	61,000	(2)	30,000	65,000	(2)
28	Estimated cost when completed.....dollars.....1940..	5,858,445	39,314	539,362	93,511	116,230	124,500	8,000	69,341
29	1930..	4,848,738	(2)	575,947	69,000	54,177	35,918	(2)	138,935
30	1920..	4,526,018	(2)	333,250	61,000	(2)	30,000	395,000	(2)
31	Average cost per acre when completed.....dollars.....1940..	7.10	50.86	5.66	8.42	23.57	3.08	2.35	17.50
32	1930..	7.14	(2)	6.61	10.24	16.32	1.87	(2)	22.61
33	1920..	8.34	(2)	5.59	8.10	(2)	2.52	11.97	(2)
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	5,820,345	39,314	539,362	93,511	116,230	124,500	8,000	69,341
35	Average amount per acre.....dollars..	7.09	50.86	5.66	8.42	23.57	3.08	2.35	17.50
36	Enterprises having open ditches and levees.....dollars..	38,100	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	7.40	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	15,413	.....	3,440	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	57	.....	28	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	55,743	.....	11,800	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	0.28	.....	0.29	.....	.....	.....	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	76	.....	.....	.....	.....	2	.....	.....
57	Land in these enterprises.....acres....	314,561	.....	.....	.....	.....	(3)	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	41,125	.....	4,115	.....	.....	(3)	.....	.....
59	Enterprises reporting.....number...	64	.....	28	.....	.....	2	.....	.....
60	Land in these enterprises.....acres....	144,327	.....	11,800	.....	.....	(3)	.....	.....
61	Average amount collected per acre.....dollars..	0.28	.....	0.35	.....	.....	(3)	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	122,674	.....	24,168	(3)	.....	(3)	.....	.....
63	Enterprises reporting.....number...	28	.....	4	1	.....	2	.....	.....
64	Land in these enterprises.....acres....	182,561	.....	24,168	(3)	.....	(3)	.....	.....
65	Portion delinquent in these enterprises.....percent..	67.2	.....	100.0	(3)	.....	(3)	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	686,601	(3)	100,400	(3)	(3)	(3)	.....	.....
67	Enterprises reporting.....number...	34	1	4	1	1	1	.....	.....
68	Land in these enterprises.....acres....	287,455	(3)	24,168	(3)	(3)	(3)	.....	.....
69	Average indebtedness per acre.....dollars..	2.39	(3)	4.15	(3)	(3)	(3)	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	518,388	(3)	100,400	(3)	(3)	(3)	.....	.....
71	Enterprises reporting.....number...	25	1	4	1	1	1	.....	.....
72	Land in these enterprises.....acres....	170,214	(3)	26,425	(3)	(3)	(3)	.....	.....
73	Average arrearage per acre.....dollars..	3.04	(3)	3.80	(3)	(3)	(3)	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	72,788	.....	(3)	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	5	.....	1	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	31,785	.....	(3)	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	2.29	.....	(3)	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 246.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Craven	Cumberland	Currituck	Duplin[1]	Edgecombe	Gaston	Gates[1]	Greene	Hyde
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	11	4	6	1	4	5	1	4	16
	Open ditches:									
2	Completed.....miles.....1940..	59.6	51.5	42.1	13.0	25.6	29.0	4.1	13.7	63.1
3	1930..	6.0	44.3	25.5	.....	(2)	32.7	.....	26.0	97.9
4	1920..	18.5	37.0	30.0	.....	14.0	(2)	.....	(2)	125.6
5	Additional length authorized.....miles.....1940..	0.1	.....	.....	.....	20.1	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	13.0
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	30.0
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	3,000
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	1,000
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	1,000,000
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	1,000,000
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	100,000
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	100,000
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	203,117	145,500	86,446	59,710	47,500	46,965	7,695	38,712	221,467
26	1930..	24,000	134,000	54,342	.....	(2)	62,294	.....	64,500	796,878
27	1920..	89,000	76,500	73,000	.....	30,000	(2)	.....	(2)	800,272
28	Estimated cost when completed.....dollars.....1940..	210,617	145,500	86,446	59,710	198,000	46,965	7,695	38,712	221,467
29	1930..	24,000	134,000	54,342	.....	(2)	62,294	.....	64,500	796,878
30	1920..	89,000	76,500	73,000	.....	30,000	(2)	.....	(2)	1,215,272
31	Average cost per acre when completed.....dollars.....1940..	7.00	4.70	5.79	5.00	5.50	16.48	2.44	6.96	7.00
32	1930..	6.00	4.36	2.92	.....	(2)	17.23	.....	12.20	6.24
33	1920..	11.41	3.33	2.82	.....	6.18	(2)	.....	(2)	9.46
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	210,617	145,500	86,446	59,710	198,000	46,965	7,695	38,712	221,467
35	Average amount per acre.....dollars..	7.00	4.70	5.79	5.00	5.50	16.48	2.44	6.96	7.00
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	985	.....	.....	.....	.....	.....	.....	.....	1,340
53	Enterprises reporting.....number...	9	.....	.....	.....	.....	.....	.....	.....	5
54	Land in these enterprises.....acres....	3,727	.....	.....	.....	.....	.....	.....	.....	4,700
55	Average cost per acre.....dollars..	0.26	.....	.....	.....	.....	.....	.....	.....	0.28
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	2	.....	1	.....	4	.....	.....	.....	.....
57	Land in these enterprises.....acres....	(3)	.....	(3)	.....	36,000	.....	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	1,210	(3)	.....	.....	.....	.....	.....	(3)	340
59	Enterprises reporting.....number...	10	1	.....	.....	.....	.....	.....	1	4
60	Land in these enterprises.....acres....	7,489	(3)	.....	.....	.....	.....	.....	(3)	1,200
61	Average amount collected per acre.....dollars..	0.16	(3)	.....	.....	.....	.....	.....	(3)	0.28
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
63	Enterprises reporting.....number...	1	2	.....	.....	.....	.....	.....	1	.....
64	Land in these enterprises.....acres....	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
65	Portion delinquent in these enterprises.....percent..	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	118,000	(3)	.....	.....	(3)	.....	2,500	(3)	.....
67	Enterprises reporting.....number...	3	2	.....	.....	1	.....	1	1	.....
68	Land in these enterprises.....acres....	24,262	(3)	.....	.....	(3)	.....	3,148	(3)	.....
69	Average indebtedness per acre.....dollars..	4.86	(3)	.....	.....	(3)	.....	0.79	(3)	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
71	Enterprises reporting.....number...	2	1	.....	.....	.....	.....	.....	1	.....
72	Land in these enterprises.....acres....	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
73	Average arrearage per acre.....dollars..	(3)	(3)	.....	.....	.....	.....	.....	(3)	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	(3)	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	1	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	(3)	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	(3)	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as noted in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Iredell	Lenoir	Lincoln	Mecklenburg	Pamlico	Pasquotank	Pender	Perquimans
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	16	3	5	22	11	13	5	10
	Open ditches:								
2	Completed.....miles.....1940..	133.8	7.1	34.0	132.0	24.3	35.1	71.0	67.5
3	1930..	62.3	16.0	27.9	65.3	22.5	(1)	32.0	(1)
4	1920..	90.0	11.7	(1)	50.0	25.0	.....	(1)	14.0
5	Additional length authorized.....miles.....1940..	0.1	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	4.0	.....
11	1930..	.....	.....	.....	.....	.....	.....	1.0	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	279,616	23,761	78,326	178,504	18,350	126,060	244,015	97,110
26	1930..	230,953	31,500	77,259	124,735	13,253	(1)	125,200	(1)
27	1920..	183,725	32,500	(1)	115,101	96,000	.....	(1)	45,625
28	Estimated cost when completed.....dollars.....1940..	279,996	23,761	78,326	178,504	18,350	126,060	244,015	97,110
29	1930..	230,953	31,500	77,259	126,894	13,253	(1)	235,200	(1)
30	1920..	197,225	32,500	(1)	115,101	96,000	.....	(1)	45,625
31	Average cost per acre when completed.....dollars.....1940..	10.01	5.34	28.15	4.58	2.78	7.94	9.66	4.46
32	1930..	7.19	6.48	10.92	6.31	1.15	(1)	6.24	(1)
33	1920..	22.72	6.72	(1)	6.68	4.83	.....	(1)	5.50
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	279,996	23,761	78,326	178,504	18,350	126,060	205,915	97,110
35	Average amount per acre.....dollars..	10.01	5.34	28.15	4.58	2.78	7.94	10.25	4.46
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	38,100	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	7.40	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	7,005	.....	(2)	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	13	.....	1	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	27,800	.....	(2)	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	0.25	.....	(2)	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	7	.....	.....	20	.....	2	.....	5
57	Land in these enterprises.....acres....	21,921	.....	.....	38,400	.....	(2)	.....	15,350
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	.....	.....	.....	1,749	.....	.....	.....	.....
59	Enterprises reporting.....number...	.....	.....	.....	8	.....	.....	.....	.....
60	Land in these enterprises.....acres....	.....	.....	.....	16,400	.....	.....	.....	.....
61	Average amount collected per acre.....dollars..	.....	.....	.....	0.11	.....	.....	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	(2)	.....	.....	.....	(2)	(2)	(2)	.....
63	Enterprises reporting.....number...	1	.....	.....	.....	1	1	1	.....
64	Land in these enterprises.....acres....	(2)	.....	.....	.....	(2)	(2)	(2)	.....
65	Portion delinquent in these enterprises.....percent..	(2)	.....	.....	.....	(2)	(2)	(2)	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
67	Enterprises reporting.....number...	2	1	.....	2	1	1	1	.....
68	Land in these enterprises.....acres....	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
69	Average indebtedness per acre.....dollars..	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
71	Enterprises reporting.....number...	2	1	.....	1	1	1	1	.....
72	Land in these enterprises.....acres....	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
73	Average arrearage per acre.....dollars..	(2)	(2)	.....	(2)	(2)	(2)	(2)	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	(2)	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	1	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	(2)	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	(2)	.....

[1] Included in "Other counties."
[2] Where there are less than 3 enterprises reporting, data are included only in the State totals.

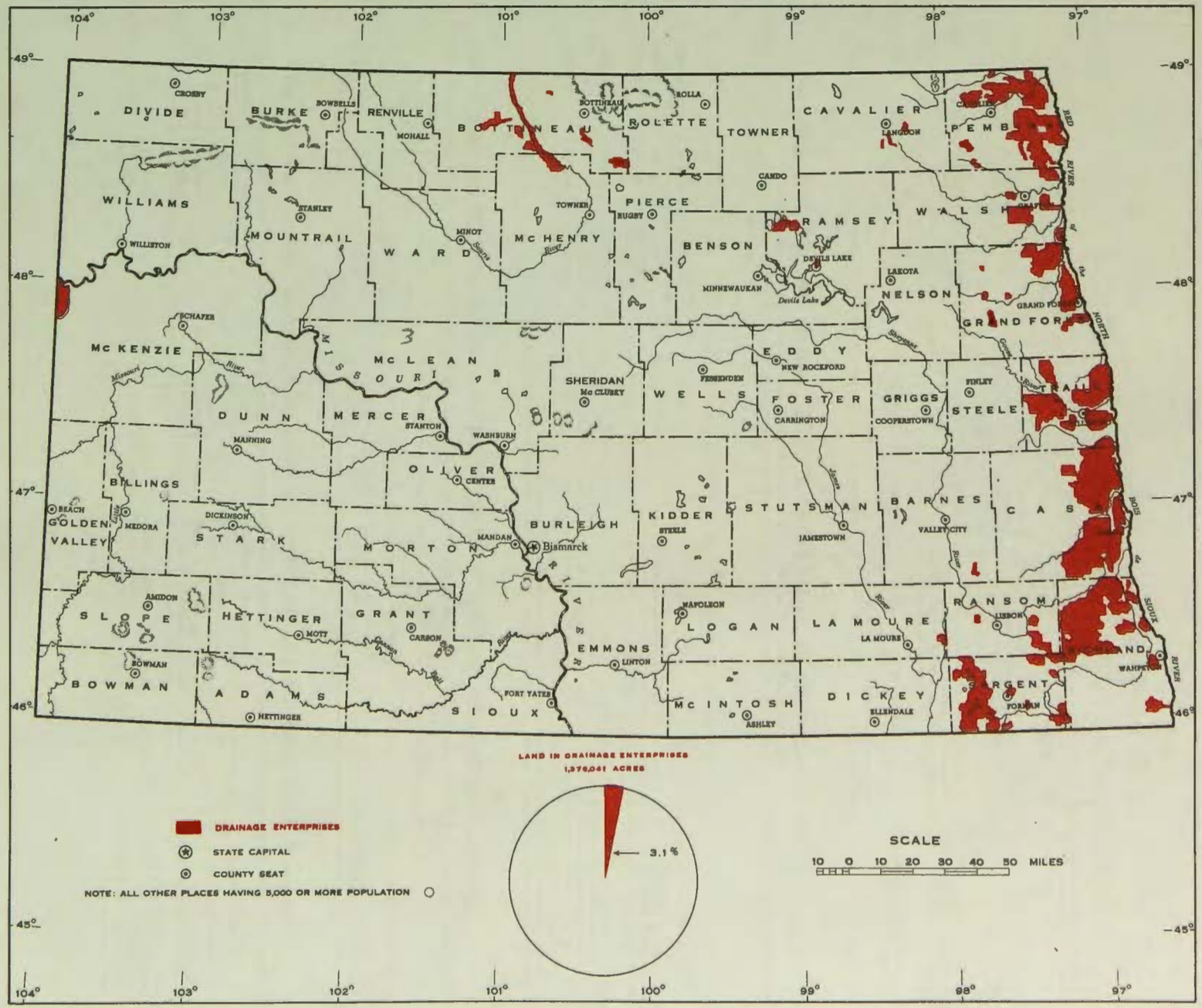
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Pitt	Robeson	Rowan	Sampson[1]	Tyrrell	Washington	Other counties[2]
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	27	3	17	1	6	10	22
	Open ditches:									
2	Completed	miles	1940	138.1	58.2	131.5	16.0	22.6	105.3	206.8
3			1930	35.8	78.0	59.5	.....	9.1	57.7	513.6
4			1920	20.0	55.0	63.0	.....	(3)	88.6	347.6
5	Additional length authorized	miles	1940	23.0	.....	4.6	.....	.....	.....	0.1
	Tile drains:									
6	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....
7			1930	.....	.....	.....	.....	.....	.....	.....
8			1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	.....	.....
12			1920	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	626,050	285,000	212,994	72,290	66,064	532,650	779,746
26			1930	213,100	244,000	218,961	.....	30,325	448,322	956,480
27			1920	77,600	165,000	129,026	.....	(3)	334,352	915,567
28	Estimated cost when completed	dollars	1940	855,550	285,000	214,253	72,290	66,064	532,650	781,146
29			1930	215,600	250,000	218,961	.....	30,325	448,322	960,480
30			1920	77,600	165,000	129,026	.....	(3)	440,352	924,567
31	Average cost per acre when completed	dollars	1940	5.77	6.82	12.30	5.01	8.45	10.29	10.63
32			1930	4.48	6.00	22.58	.....	7.66	11.06	8.79
33			1920	12.52	5.06	18.36	.....	(3)	11.45	9.48
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		855,550	285,000	214,253	72,290	66,064	532,650	781,146
35	Average amount per acre	dollars		5.77	6.82	12.30	5.01	8.45	10.29	10.63
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		.....	.....	(4)	.....	.....	.....	.....
53	Enterprises reporting	number		.....	.....	1	.....	.....	.....	.....
54	Land in these enterprises	acres		.....	.....	(4)	.....	.....	.....	.....
55	Average cost per acre	dollars		.....	.....	(4)	.....	.....	.....	.....
	Federal aid in maintenance:									
56	Enterprises reporting	number		3	1	13	.....	5	5	6
57	Land in these enterprises	acres		76,480	(4)	16,299	.....	6,353	9,600	38,524
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		(4)	(4)	5,386	.....	.....	.....	(4)
59	Enterprises reporting	number		2	2	5	.....	.....	.....	1
60	Land in these enterprises	acres		(4)	(4)	5,680	.....	.....	.....	(4)
61	Average amount collected per acre	dollars		(4)	(4)	0.95	.....	.....	.....	(4)
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		.....	(4)	3,378	.....	.....	(4)	.....
63	Enterprises reporting	number		.....	2	9	.....	.....	2	.....
64	Land in these enterprises	acres		.....	(4)	7,646	.....	.....	(4)	.....
65	Portion delinquent in these enterprises	percent		.....	(4)	44.2	.....	.....	(4)	.....
66	Total indebtedness, Dec. 31, 1939	dollars		(4)	(4)	(4)	.....	(4)	(4)	(4)
67	Enterprises reporting	number		2	1	2	.....	1	2	2
68	Land in these enterprises	acres		(4)	(4)	(4)	.....	(4)	(4)	(4)
69	Average indebtedness per acre	dollars		(4)	(4)	(4)	.....	(4)	(4)	(4)
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	(4)	.....	(4)	(4)	(4)
71	Enterprises reporting	number		.....	.....	2	.....	1	2	1
72	Land in these enterprises	acres		.....	.....	(4)	.....	(4)	(4)	(4)
73	Average arrearage per acre	dollars		.....	.....	(4)	.....	(4)	(4)	(4)
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	(4)	(4)	.....	.....	.....	.....
75	Enterprises reporting	number		.....	1	1	.....	.....	.....	.....
76	Land in these enterprises	acres		.....	(4)	(4)	.....	.....	.....	.....
77	Average reduction per acre	dollars		.....	(4)	(4)	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Burke, Caldwell, Chowan, Cleveland, Columbus, Davidson, Forsyth, Halifax, Harnett, McDowell, Martin, New Hanover, Northampton, Wayne, and Wilson Counties in 1940; Alexander, Burke, Caldwell, Carteret, Chowan, Cleveland, Columbus, Davidson, Edgecombe, Forsyth, Harnett, McDowell, New Hanover, Pasquotank, Perquimans, Wayne, and Wilson Counties in 1930; and Alexander, Burke, Cabarrus, Caldwell, Catawba, Chowan, Cleveland, Columbus, Davidson, Forsyth, Gaston, Greene, Harnett, Jones, Lincoln, McDowell, New Hanover, Pender, Tyrrell, Wayne, and Wilson Counties for 1920. [3] Included in "Other counties." [4] Where there are less than 3 enterprises reporting, data are included only in the State totals, except as noted in footnote 1.

NORTH DAKOTA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	44,834,560	44,917,120	44,917,120	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	1,376,041	1,094,142	1,240,328	281,899	25.8	-146,186	-11.8
Improved.....acres.....	1,371,741	1,075,259	1,026,574	296,482	27.6	48,685	4.7
Unimproved:							
Timber and cut-over.....acres.....	.....	9,478	.....	-9,478	-100.0	.....	.....
Other.....acres.....	4,300	9,405	213,754	-5,105	-54.3	-204,349	-95.6
Drainage sufficient for normal crop.....acres.....	1,360,259	1,055,429	(1)	304,830	28.9	.....	.....
Partly drained, for partial crop.....acres.....	11,482	25,273	(1)	-13,791	-54.6	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	4,300	13,440	[2] 12,332	-9,140	-68.0	1,108	9.0
In occupied farms.....acres.....	1,322,573	1,094,114	(1)	228,459	20.9	.....	.....
In planted crops.....acres.....	1,116,385	908,979	(1)	207,406	22.8	.....	.....
Idle.....acres.....	242,493	103,641	(1)	138,852	134.0	.....	.....
Available for settlement.....acres.....	.....	.....	(1)	.....	.....	.....	.....
Open ditches, completed.....miles.....	940.4	817.6	708.3	122.8	15.0	109.3	15.4
Tile drains, completed.....miles.....	10.4	9.6	9.3	0.8	8.3	0.3	3.2
Drainage pumping plants, capacity.....horsepower....	.....	.....	.....	.....	.....	.....	.....
gal. per min..	.....	.....	.....	.....	.....	.....	.....
Capital invested in enterprises.....dollars.....	3,673,336	3,148,919	2,208,049	524,417	16.7	940,870	42.6
Average per acre.....dollars.....	2.67	2.88	1.78	-0.21	-7.3	1.10	61.8

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*
All enterprises.....	1,840,781	1,183,382	1,240,328	1,376,041
500 to 999 acres.....	720	2,120	640	720
1,000 to 1,999 acres.....	18,080	184,520	148,680	15,800
2,000 to 4,999 acres.....	163,640			123,800
5,000 to 9,999 acres.....	302,855	394,682	358,390	252,975
10,000 to 19,999 acres.....	592,086	479,500	501,377	489,786
20,000 to 49,999 acres.....	613,720			343,440
50,000 to 99,999 acres.....	149,680	122,560	231,241	149,520

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	1,376,041	100.0	3,673,336	100.0
County drains.....	1,356,113	98.6	3,496,905	95.2
Irrigation enterprises—Federal.....	19,928	1.4	176,431	4.8

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	1,376,041	100.0	1,094,142	100.0	1,240,328	100.0	3,673,336	100.0	3,148,919	100.0	2,208,049	100.0
Gravity drainage only by—												
Open ditches.....	1,365,721	99.3	1,077,163	98.4	1,240,328	100.0	3,623,013	98.6	3,070,735	97.5	2,208,049	100.0
Tile drains.....	9,040	0.6	2,000	0.2			48,250	1.3	39,000	1.2		
Open ditches and tile drains..	1,280	0.1	14,979	1.4			2,073	0.1	39,184	1.3		

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	1,376,041	100.0	1,094,142	100.0	3,673,336	100.0	3,148,919	100.0	2,086	2,270
Enterprises in arrears	6,320	0.5	9,412	0.9	15,000	0.4	11,680	0.4	2,086	1,520
With some delinquent land	6,320	0.5	2,980	0.3	15,000	0.4	7,500	0.3	2,086	1,520
With no delinquent land	.....	.....	6,432	0.6	.....	.....	4,180	0.1	.....	.....
Enterprises not in arrears	1,369,721	99.5	1,084,730	99.1	3,658,336	99.6	3,137,239	99.6	.....	750
With some delinquent land	.....	.....	6,089	0.5	.....	.....	151,553	4.8	.....	750
With no delinquent land	1,369,721	99.5	1,078,641	98.6	3,658,336	99.6	2,985,686	94.8	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	1,376,041	3,673,336	184,096	5,765	.....	2,086	179
Enterprises in debt	31,048	201,413	184,096	5,765	.....	2,086	179
In arrears, amount of arrearage stated	6,320	15,000	6,265	5,765	.....	2,086	179
Collecting drainage taxes in 1939	2,960	7,500	4,765	4,765	.....	1,686	179
No collections reported	3,360	7,500	1,500	1,000	.....	400	.....
Not in arrears	24,728	186,413	177,831	.....	.....	.....	.....
No collections reported	24,728	186,413	177,831	.....	.....	.....	.....
Enterprises not in debt	1,344,993	3,471,923	.....	.....	.....	.....	.....
No collections reported	1,344,993	3,471,923	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	1,376,041	100.0	3,673,336	100.0
Improvement of land already in farms	1,036,298	75.3	1,842,666	50.2
Protection against overflow	319,815	23.2	1,654,239	45.0
Removal of alkali or seepage from irrigation	19,928	1.5	176,431	4.8

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	1,376,041	100.0	1,840,781	464,740	3,673,336	100.0
1890-1899	72,020	5.2	138,840	66,820	250,317	6.8
1900-1904	147,238	10.7	240,798	93,560	224,808	6.1
1905-1909	464,240	33.8	676,200	211,960	1,115,427	30.4
1910-1914	140,800	10.2	150,000	9,200	183,122	5.0
1915-1919	303,295	22.0	374,975	71,680	1,161,529	31.6
1920-1924	168,960	12.3	180,480	11,520	481,140	13.1
1925-1929	79,488	5.8	79,488	.....	256,993	7.0

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	1,376,041	1,360,259	98.8	11,482	4,300	1,371,741	99.7	.....	4,300	1,322,573	96.1	1,116,385	242,493	.....
1890-1899.....	72,020	72,020	100.0	.....	.....	72,020	100.0	.....	.....	70,043	97.3	57,831	14,009	.....
1900-1904.....	147,238	147,238	100.0	.....	.....	147,238	100.0	.....	.....	147,078	99.9	124,842	22,236	.....
1905-1909.....	464,240	464,240	100.0	.....	.....	464,240	100.0	.....	.....	449,720	96.9	382,350	70,530	.....
1910-1914.....	140,800	140,800	100.0	.....	.....	140,800	100.0	.....	.....	135,320	96.1	114,487	26,313	.....
1915-1919.....	303,295	293,313	96.7	9,982	.....	303,295	100.0	.....	.....	285,904	94.3	239,191	61,641	.....
1920-1924.....	168,960	168,960	100.0	.....	.....	168,960	100.0	.....	.....	159,320	94.3	133,016	32,944	.....
1925-1929.....	79,488	73,688	92.7	1,500	4,300	75,188	94.6	.....	4,300	75,188	94.6	64,668	14,820	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	1,376,041	1,376,041	58,648	1,317,393	4,420	([1])	0.08
Gravity drainage only.....	1,376,041	1,376,041	58,648	1,317,393	4,420	([1])	0.08
Open ditches only.....	1,365,721	1,365,721	58,648	1,307,073	4,420	([1])	0.08
Tile drains only.....	9,040	9,040	.....	9,040	.....	.....	.....
Open ditches and tile drains.....	1,280	1,280	.....	1,280	.....	.....	.....

[1] Less than ½ cent per acre.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	1,376,041	100.0	3,673,336	100.0
Method:				
By district forces.....	1,131,823	82.2	2,972,617	80.9
"None," or not reporting.....	244,218	17.8	700,719	19.1
Whether systematic:				
Reporting "yes".....	1,132,663	82.3	2,948,148	80.2
Reporting "no".....	243,378	17.7	725,188	19.8

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	1,376,041	19,928	1.4
Capital invested.....dollars..	3,673,336	176,431	4.8
Drainage works:			
Open ditches.....miles....	940.4	35.0	3.7
Tile drains.....miles....	10.4	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Bottineau	Cass	Cavalier	Grand Forks	McKenzie[1]	Pembina
	LAND AREA							
1	Approximate land area....acres....1940..	44,834,560	1,087,360	1,113,360	968,320	920,320	1,798,400	719,360
2	Drainage enterprises....number...1940..	[2] 145	7	27	3	12	1	30
3	Land in enterprises....acres....1940..	1,376,041	53,080	315,975	5,400	109,480	19,928	197,540
4	1930..	1,094,142	30,928	268,340	5,920	59,240	6,089	223,860
5	1920..	1,240,328	49,795	201,580	12,700	47,000	.....	280,800
6	Area of all enterprises, overlapping included....acres....1940..	1,840,781	53,120	611,615	5,400	156,160	19,928	233,160
7	Amount of overlapping....acres....1940..	464,740	40	295,640	.....	46,680	.....	35,620
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop....acres....1940..	1,360,259	53,080	315,975	5,400	109,480	14,128	197,540
9	1930..	1,055,429	30,928	267,340	5,040	54,555	4,089	200,832
10	Increase or decrease (-), 1930-1940....acres....	304,830	22,152	48,635	360	54,925	10,039	-3,292
11	percent....	28.9	71.6	18.2	7.1	100.7	245.5	-1.6
12	Land undrained, unfit for any crop....acres....1940..	4,300	.....	.....	.....	.....	4,300	.....
13	1930..	13,400	.....	1,000	.....	.....	1,300	9,060
14	Increase or decrease (-), 1930-1940....acres....	-9,140	.....	-1,000	.....	.....	3,000	-9,060
15	percent....	-68.0	.....	-100.0	.....	.....	230.8	-100.0
16	Land partly drained, for partial crop....acres....1940..	11,482	.....	.....	.....	.....	1,500	.....
17	1930..	25,273	.....	.....	880	4,685	700	13,968
18	Increase or decrease (-), 1930-1940....acres....	-13,791	.....	.....	-880	-4,685	800	-13,968
19	percent....	-54.6	.....	.....	-100.0	-100.0	114.3	-100.0
20	Improved land....acres....1940..	1,371,741	53,080	315,975	5,400	109,480	15,628	197,540
21	1930..	1,075,259	30,920	268,340	5,920	54,555	6,089	212,840
22	1920..	1,026,574	32,000	155,135	4,019	40,586	.....	256,778
	Unimproved land:							
23	Woodland and cut-over land....acres....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	9,478	8	.....	.....	.....	.....	9,280
25	1920..	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land....acres....1940..	4,300	.....	.....	.....	.....	4,300	.....
27	1930..	9,405	.....	.....	.....	4,685	.....	1,740
28	1920..	213,754	17,795	46,445	8,681	6,414	.....	24,022
29	Land in occupied farms....acres....1940..	1,322,573	41,800	284,163	5,400	109,480	15,628	197,540
30	1930..	1,094,114	30,920	268,340	5,920	59,240	6,089	223,840
31	Increase or decrease (-), 1930-1940....acres....	228,459	10,880	15,823	-520	50,240	9,539	-26,300
32	percent....	20.9	35.2	5.9	-8.8	84.8	156.6	-11.7
33	Land in planted crops....acres....1940..	1,116,385	32,600	232,223	4,400	94,134	14,128	167,563
34	1930..	908,979	21,261	243,660	5,740	54,555	4,789	114,892
35	Increase or decrease (-), 1930-1940....acres....	207,406	11,339	-11,437	-1,340	39,579	9,339	52,671
36	percent....	22.8	53.3	-4.7	-23.3	72.5	195.0	45.8
37	Land idle....acres....1940..	242,493	9,200	79,737	1,000	15,346	5,800	29,977
38	1930..	103,641	9,659	18,780	.....	4,685	.....	52,967
39	Increase or decrease (-), 1930-1940....acres....	138,852	-459	60,957	1,000	10,661	5,800	-22,990
40	percent....	134.0	-4.8	324.6	.....	227.6	.....	-43.4
41	Land available for settlement....acres....1940..	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940....acres....	.....	.....	.....	.....	.....	.....	.....
44	percent....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only....acres....	1,365,721	53,080	315,975	5,400	109,480	19,928	197,540
46	Length of these ditches....miles....	940.0	60.6	228.7	13.7	72.6	35.0	154.6
47	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres....	9,040	.....	.....	.....	.....	.....	.....
53	Length of these tile....miles....	10.2	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres....	1,280	.....	.....	.....	.....	.....	.....
60	Length of these open ditches....miles....	0.4	.....	.....	.....	.....	.....	.....
61	Length of these tile....miles....	0.2	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises....miles....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency....acres....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 141.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Ramsey[1]	Ransom	Richland	Sargent	Traill	Walsh	Other counties[2]
	LAND AREA							
1	Approximate land area.....acres....1940..	776,960	552,320	928,000	547,200	551,040	823,680	2,888,320
2	Drainage enterprises.....number...1940..	2	3	18	11	21	7	3
3	Land in enterprises.....acres....1940..	11,918	23,960	235,200	148,320	182,640	55,040	17,560
4	1930..	14,468	34,000	140,590	119,120	131,110	54,198	6,279
5	1920..	12,715	23,640	204,063	205,655	145,460	53,620	3,300
6	Area of all enterprises, overlapping included.....acres....1940..	11,918	23,960	257,320	148,640	246,160	55,840	17,560
7	Amount of overlapping.....acres....1940..	.....	.....	22,120	320	63,520	800	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	11,918	23,960	235,200	138,338	182,640	55,040	17,560
9	1930..	14,468	31,920	140,590	114,980	131,110	54,198	5,379
10	Increase or decrease (-), 1930-1940.....acres.....	-2,550	-7,960	94,610	23,358	51,530	842	12,181
11	percent.....	-17.6	-24.9	67.3	20.3	39.3	1.5	226.4
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
13	1930..	.....	80	.....	2,000	.....	.....	.....
14	Increase or decrease (-), 1930-1940.....acres.....	.....	-80	.....	-2,000	.....	.....	.....
15	percent.....	.....	-100.0	.....	-100.0	.....	.....	.....
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	.....	9,982	.....	.....	.....
17	1930..	.....	2,000	.....	2,140	.....	.....	900
18	Increase or decrease (-), 1930-1940.....acres.....	.....	-2,000	.....	7,842	.....	.....	-900
19	percent.....	.....	-100.0	.....	366.4	.....	.....	-100.0
20	Improved land.....acres....1940..	11,918	23,960	235,200	148,320	182,640	55,040	17,560
21	1930..	14,468	33,920	140,590	117,120	131,110	54,008	5,379
22	1920..	11,443	14,120	171,911	162,151	126,527	49,264	2,640
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	190	.....
25	1920..	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
27	1930..	.....	80	.....	2,000	.....	.....	900
28	1920..	1,272	9,520	32,152	43,504	18,933	4,356	660
29	Land in occupied farms.....acres....1940..	11,738	23,960	235,200	142,584	182,640	55,040	17,400
30	1930..	14,468	34,000	140,590	119,120	131,110	54,198	6,279
31	Increase or decrease (-), 1930-1940.....acres.....	-2,730	-10,040	94,610	23,464	51,530	842	11,121
32	percent.....	-18.9	-29.5	67.3	19.7	39.3	1.5	177.1
33	Land in planted crops.....acres....1940..	9,538	18,920	209,030	116,797	160,208	46,724	10,120
34	1930..	13,456	30,620	133,604	108,620	122,120	51,680	3,982
35	Increase or decrease (-), 1930-1940.....acres.....	-3,918	-11,700	75,426	8,177	38,088	-4,956	6,138
36	percent.....	-29.1	-38.2	56.4	7.5	31.2	-9.6	154.1
37	Land idle.....acres....1940..	2,200	5,040	26,170	29,995	22,432	8,316	7,280
38	1930..	.....	72	6,780	3,900	6,500	.....	298
39	Increase or decrease (-), 1930-1940.....acres.....	2,200	4,968	19,390	26,095	15,932	8,316	6,982
40	percent.....	.....	(3)	286.0	669.1	245.1	.....	(3)
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
42	1930..	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	10,638	21,240	235,200	145,680	182,640	55,040	13,880
46	Length of these ditches.....miles.....	5.8	18.1	114.0	84.4	110.2	25.8	16.5
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	2,720	.....	2,640	.....	.....	3,680
53	Length of these tile.....miles.....	.....	1.2	.....	4.0	.....	.....	5.0
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	1,280	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	0.4	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	0.2	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Barnes, La Moure, and McHenry Counties in 1940; Barnes and La Moure Counties in 1930; and La Moure County in 1920.
[3] Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Bottineau	Cass	Cavalier	Grand Forks	McKenzie[1]	Pembina
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[2] 145	7	27	3	12	1	30
	Open ditches:							
2	Completed.....miles.....1940..	940.4	60.6	228.7	13.7	72.6	35.0	154.6
3	1930..	817.6	28.6	204.5	15.5	29.8	33.2	157.1
4	1920..	708.3	44.0	177.3	12.0	25.8	.....	145.8
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	10.4	.....	.....	.....	.....	.....	.....
7	1930..	9.6	.....	.....	.....	.....	.....	0.1
8	1920..	9.3	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	2.1	.....	.....	.....	.....	.....	2.1
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	3,673,336	199,661	1,626,333	19,200	157,047	176,431	318,158
26	1930..	3,148,919	38,999	1,574,766	19,900	62,230	151,553	239,003
27	1920..	2,208,049	171,096	806,690	15,785	49,894	.....	297,282
28	Estimated cost when completed.....dollars.....1940..	3,673,336	199,661	1,626,333	19,200	157,047	176,431	318,158
29	1930..	3,148,919	38,999	1,574,766	19,900	62,230	151,553	239,003
30	1920..	2,261,449	171,096	837,690	15,785	49,894	.....	297,282
31	Average cost per acre when completed.....dollars.....1940..	2.67	3.76	5.15	3.56	1.43	8.85	1.61
32	1930..	2.88	1.26	5.87	3.36	1.05	24.89	1.07
33	1920..	1.82	3.44	4.16	1.24	1.06	.....	1.06
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	3,623,013	199,661	1,626,333	19,200	157,047	176,431	318,158
35	Average amount per acre.....dollars..	2.65	3.76	5.15	3.56	1.43	8.85	1.61
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	48,250	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	5.34	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	2,073	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	1.62	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	4,420	.....	.....	.....	([3])	3,701	([3])
53	Enterprises reporting.....number...	7	.....	.....	.....	1	1	1
54	Land in these enterprises.....acres....	58,648	.....	.....	.....	([3])	19,928	([3])
55	Average cost per acre.....dollars..	0.08	.....	.....	.....	([3])	0.18	([3])
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	[4] 179	.....	.....	.....	.....	.....	.....
59	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....
60	Land in these enterprises.....acres....	[4] 2,960	.....	.....	.....	.....	.....	.....
61	Average amount collected per acre.....dollars..	[4] 0.06	.....	.....	.....	.....	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	[4] 2,086	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	2	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	[4] 6,320	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	[4] 33.0	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	184,096	.....	.....	.....	([3])	176,431	.....
67	Enterprises reporting.....number...	5	.....	.....	.....	2	1	.....
68	Land in these enterprises.....acres....	31,048	.....	.....	.....	([3])	19,928	.....
69	Average indebtedness per acre.....dollars..	5.93	.....	.....	.....	([3])	8.85	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	[4] 5,765	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	2	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	[4] 6,320	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	[4] 0.91	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 141.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals.
[4] Not distributed by counties.

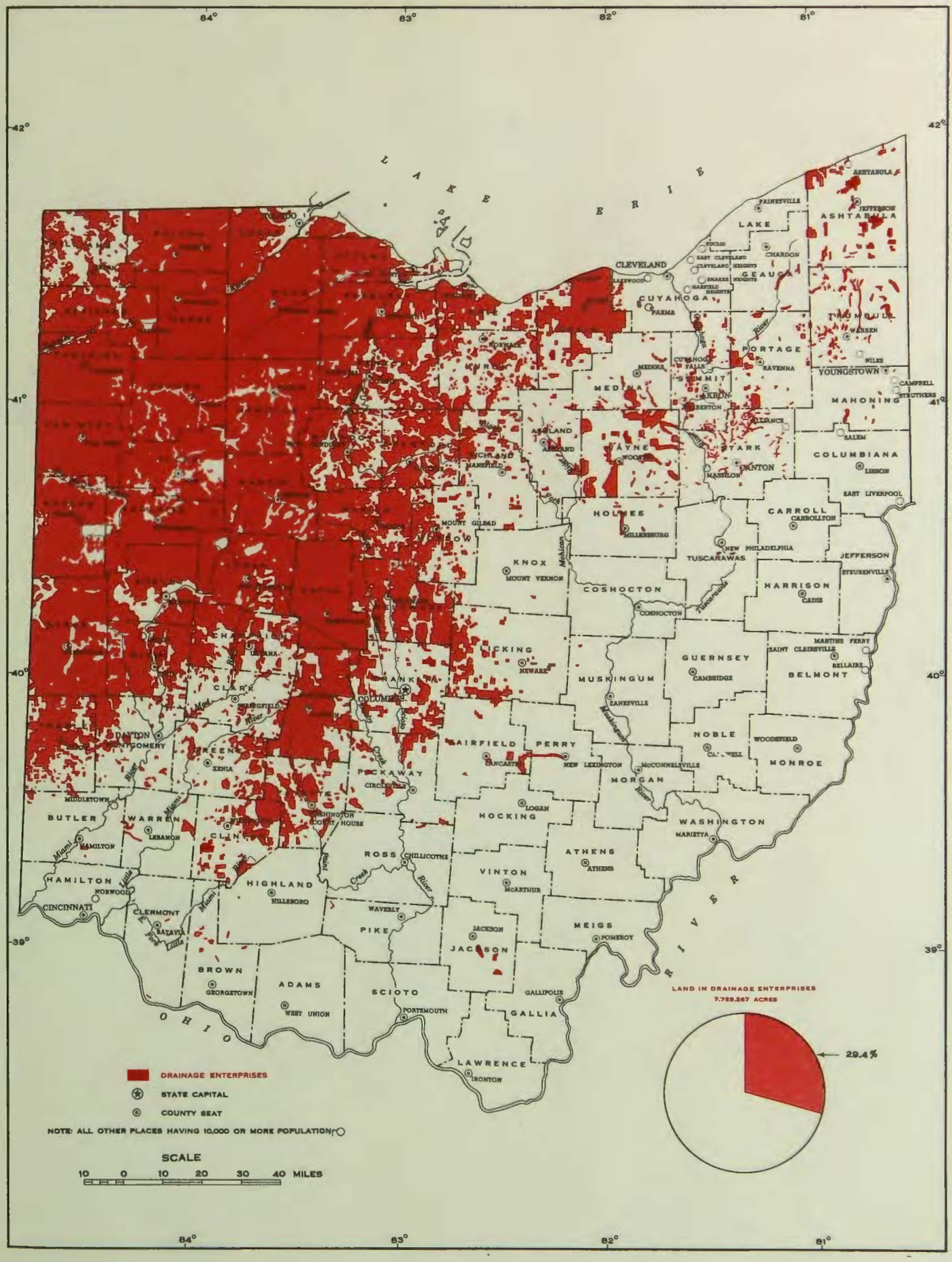
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Ramsey[1]	Ransom	Richland	Sargent	Traill	Walsh	Other counties[2]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	2	3	18	11	21	7	3
	Open ditches:							
2	Completed.....miles.....1940..	6.2	18.1	114.0	84.4	110.2	25.8	16.5
3	1930..	18.3	20.0	111.5	60.0	110.0	23.6	5.5
4	1920..	4.0	14.5	102.2	76.6	87.1	19.0	.....
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	0.2	1.2	.....	4.0	.....	.....	5.0
7	1930..	0.2	2.0	.....	2.8	.....	.....	4.5
8	1920..	.....	.....	.....	4.8	.....	.....	4.5
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	6,326	43,389	324,209	393,273	298,248	53,311	57,750
26	1930..	6,653	45,000	243,457	392,713	286,158	53,378	34,809
27	1920..	6,553	45,930	265,608	263,439	224,671	38,601	22,500
28	Estimated cost when completed.....dollars.....1940..	6,326	43,389	324,209	393,273	298,248	53,311	57,750
29	1930..	6,653	45,000	243,457	392,713	286,158	53,678	34,809
30	1920..	6,553	45,930	265,608	285,839	224,671	38,601	22,500
31	Average cost per acre when completed.....dollars.....1940..	0.53	1.81	1.38	2.65	1.63	0.97	3.29
32	1930..	0.46	1.32	1.73	3.30	2.18	0.99	5.54
33	1920..	0.52	1.94	1.30	1.39	1.54	0.72	6.82
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	4,253	39,389	324,209	360,273	298,248	53,311	46,500
35	Average amount per acre.....dollars..	0.40	1.85	1.38	2.47	1.63	0.97	3.35
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	4,000	.....	33,000	.....	.....	11,250
39	Average amount per acre.....dollars..	.....	1.47	.....	12.50	.....	.....	3.06
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	2,073	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	1.62	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	532	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	4	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	30,360	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	0.02	.....	.....	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....
59	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
60	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
61	Average amount collected per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	(3)	(3)
67	Enterprises reporting.....number...	.....	.....	.....	.....	.....	1	1
68	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	(3)	(3)
69	Average indebtedness per acre.....dollars..	.....	.....	.....	.....	.....	(3)	(3)
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Barnes, La Moure, and McHenry Counties in 1940; Barnes and La Moure Counties in 1930; and La Moure County in 1920.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals.

OHIO

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	26,318,080	26,073,600	26,073,600	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	7,729,267	8,165,494	8,107,204	-436,227	-5.3	58,290	0.7
Improved.....acres.....	7,300,737	7,604,274	6,707,328	-303,537	-4.0	896,946	13.4
Unimproved:							
Timber and cut-over.....acres.....	371,999	487,981	956,894	-115,982	-23.8	-468,913	-49.0
Other.....acres.....	56,531	73,239	442,982	-16,708	-22.8	-369,743	-83.5
Drainage sufficient for normal crop.....acres.....	7,690,503	7,495,881	[1]	194,662	2.6	.....	.....
Partly drained, for partial crop.....acres.....	26,282	567,323	[1]	-541,041	-95.4	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	12,482	102,290	[2] 247,273	-89,808	-87.8	-144,983	-58.6
In occupied farms.....acres.....	7,173,937	8,132,973	[1]	-959,036	-11.8	.....	.....
In planted crops.....acres.....	4,682,046	6,800,406	[1]	-2,118,360	-31.2	.....	.....
Idle.....acres.....	422,255	359,758	[1]	62,497	17.4	.....	.....
Available for settlement.....acres.....	1,778	7,313	[1]	-5,535	-75.7	.....	.....
Open ditches, completed.....miles.....	18,732.2	25,048.2	24,384.0	-6,316.0	-25.2	64.2	0.3
Tile drains, completed.....miles.....	10,163.9	9,371.6	9,025.3	792.3	8.4	166.3	1.8
Drainage pumping plants, capacity.....horsepower....	.....	25	125	-25	-100.0	-100	-80.0
gal. per min..	.....	5,000	3,600	-5,000	-100.0	1,400	38.9
Capital invested in enterprises.....dollars.....	35,215,586	36,836,449	30,680,145	-1,620,863	-4.4	6,156,304	20.1
Average per acre.....dollars.....	4.56	4.51	3.78	0.05	1.1	0.73	19.3

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	Acres	Acres	Acres
All enterprises	25,212,061	24,010,629	23,464,812	7,729,267
Less than 100 acres	226,739	149,697	658,953	125,758
100 to 199 acres	709,036	508,937		324,037
200 to 499 acres	3,049,851	2,619,498	2,495,996	1,160,759
500 to 999 acres	4,200,927	4,364,144	3,928,812	1,452,112
1,000 to 1,999 acres	4,776,053	10,532,356	9,615,229	1,532,078
2,000 to 4,999 acres	5,369,941			1,465,568
5,000 to 9,999 acres	3,076,820	2,549,773	2,850,517	784,263
10,000 to 19,999 acres	2,058,764	2,973,427	3,152,280	477,886
20,000 to 49,999 acres	1,426,257			374,755
50,000 to 99,999 acres	317,673	312,797	763,025	32,051

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	7,729,267	100.0	35,215,586	100.0
County drains	7,676,284	99.3	35,044,531	99.5
Township drains	52,983	0.7	171,055	0.5

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises	7,729,267	100.0	8,165,494	100.0	8,107,204	100.0	35,215,586	100.0	36,836,449	100.0	30,680,145	100.0
Gravity drainage only by—												
Open ditches	4,775,969	61.8	5,017,201	61.4	[2] 4,745,192	[2] 58.5	17,854,490	50.7	21,818,769	59.2	[2] 15,382,101	[2] 50.2
Tile drains	1,337,364	17.3	1,694,156	20.8	[2] 1,139,856	[2] 14.1	10,762,233	30.6	7,621,493	20.7	[2] 5,993,113	[2] 19.5
Open ditches and tile drains	1,615,934	20.9	1,453,789	17.8	[2] 2,222,156	[2] 27.4	6,598,863	18.7	7,392,687	20.1	[2] 9,304,931	[2] 30.3
All drained by pumping by—												
Open ditches	.....	.....					.....	.....				
Tile drains	.....	.....	348	[3]	[2]	[2]	.....	.....	3,500	[3]	[2]	[2]
Open ditches and tile drains	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches	.....	.....					.....	.....				
Tile drains	.....	.....	.....	.....	[2]	[2]	.....	.....	.....	.....	[2]	[2]
Open ditches and tile drains	.....	.....					.....	.....				
Total area served by pumps	.....	.....	348	[3]	1,755	[3]	.....	.....	3,500	[3]	[2]	[2]

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

[2] Segregation of data for pumping enterprises is not obtainable.

[3] Less than one-tenth of 1 percent.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	7,729,267	100.0	8,165,494	100.0	35,215,586	100.0	36,836,449	100.0	19,683	2,979
Enterprises in arrears	13,065	0.2	11,068	0.1	72,368	0.2	69,781	0.2	3,253	1,195
With some delinquent land	11,469	0.2	11,068	0.1	70,903	0.2	69,781	0.2	3,253	1,195
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	1,596	(2)	.....	.....	1,465	(2)	.....	.....	.....	.....
Enterprises not in arrears	7,687,145	99.4	8,154,426	99.9	35,083,324	99.6	36,766,668	99.8	16,208	1,784
With some delinquent land	142,955	1.8	6,654	0.1	522,251	1.5	8,404	(2)	16,208	1,784
With no delinquent land	7,534,970	97.5	8,147,772	99.8	34,505,438	98.0	36,758,264	99.8	.....	.....
With no report on delinquency	9,220	0.1	.....	.....	55,635	0.1	.....	.....	.....	.....
Enterprises not reporting on arrearage	29,057	0.4	.....	.....	59,894	0.2	.....	.....	222	.....
With some delinquent land	4,575	(2)	.....	.....	1,806	(2)	.....	.....	222	.....
With no delinquent land	11,958	0.2	.....	.....	3,755	(2)	.....	.....	.....	.....
With no report on delinquency	12,524	0.2	.....	.....	54,333	0.2	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Less than one-tenth of 1 percent.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	7,729,267	35,215,586	303,447	26,491	767	19,683	149,837
Enterprises in debt	486,719	663,306	303,447	26,491	290	14,483	107,569
In arrears, amount of arrearage stated	13,065	72,368	28,177	26,491	.....	3,253	6,272
Collecting drainage taxes in 1939	13,065	72,368	28,177	26,491	.....	3,253	6,272
Not in arrears	462,027	589,792	274,935	.....	290	11,230	100,486
Collecting drainage taxes in 1939	258,955	351,825	124,268	.....	290	4,575	100,486
No collections reported	203,072	237,967	150,667	.....	.....	6,655	.....
Not reporting as to arrears	11,627	1,146	335	.....	.....	.....	811
Collecting drainage taxes in 1939	11,627	1,146	335	.....	.....	.....	811
Enterprises not in debt	7,191,101	34,392,770	.....	.....	477	4,978	42,240
Collecting drainage taxes in 1939	77,420	395,306	.....	.....	.....	3,581	42,240
No collections reported	7,113,681	33,997,464	.....	.....	477	1,397	.....
Enterprises not reporting as to debt	51,447	159,510	.....	.....	.....	222	28
Collecting drainage taxes in 1939	4,575	1,806	.....	.....	.....	222	28
No collections reported	46,872	157,704	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	7,729,267	100.0	35,215,586	100.0
Improvement of land already in farms	7,716,263	99.8	35,131,467	99.8
Reclamation of swamp land not previously in farms	10,913	0.2	67,143	0.2
Protection against overflow	2,091	(1)	16,976	(1)

[1] Less than one-tenth of 1 percent.

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	7,729,267	100.0	25,212,061	17,482,794	35,215,586	100.0
Before 1870	43,946	0.6	897,180	853,234	407,552	1.1
1870-1879	154,702	2.0	2,476,970	2,322,268	1,996,307	5.7
1880-1889	453,893	5.9	4,399,472	3,945,579	5,097,347	14.5
1890-1899	726,816	9.4	4,669,947	3,943,131	4,900,714	13.9
1900-1904	624,190	8.1	2,629,294	2,005,104	3,410,989	9.7
1905-1909	950,062	12.3	2,530,439	1,580,377	4,568,432	13.0
1910-1914	838,945	10.8	1,899,561	1,060,616	3,821,657	10.8
1915-1919	712,703	9.2	1,318,054	605,351	3,603,946	10.2
1920-1924	743,624	9.6	1,257,972	514,348	2,922,629	8.3
1925-1929	1,156,023	15.0	1,687,071	531,048	2,920,279	8.3
1930-1934	379,991	4.9	433,082	53,091	549,324	1.6
1935-1939	944,372	12.2	1,013,019	68,647	1,016,410	2.9

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.

STATE TABLE 9—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	7,729,267	7,690,503	99.5	26,282	12,482	7,300,737	94.4	371,999	56,531	7,173,937	92.8	4,682,046	422,255	1,778
Before 1870.....	43,946	43,399	98.8	350	197	40,764	92.8	2,869	313	40,841	92.9	25,095	4,406	.....
1870-1879.....	154,702	154,332	99.8	185	185	140,155	90.6	8,704	5,843	143,764	92.9	86,660	15,873	.....
1880-1889.....	453,893	448,478	98.8	3,167	2,248	424,723	93.6	21,439	7,731	420,667	92.7	266,109	28,942	940
1890-1899.....	726,816	719,975	99.0	5,141	1,700	684,863	94.2	31,686	10,267	674,031	92.7	436,460	39,380	608
1900-1904.....	624,190	621,438	99.6	1,901	851	583,845	93.5	35,414	4,931	578,821	92.7	376,956	40,212	.....
1905-1909.....	950,062	945,822	99.6	3,641	599	896,435	94.4	45,473	8,154	881,712	92.8	571,020	42,227	10
1910-1914.....	838,945	836,824	99.7	1,947	174	801,663	95.6	34,057	3,225	778,840	92.8	518,645	36,220	50
1915-1919.....	712,703	707,131	99.2	2,915	2,657	675,745	94.8	32,473	4,485	661,126	92.8	427,845	39,875	.....
1920-1924.....	743,624	739,468	99.4	2,903	1,253	703,936	94.7	36,242	3,446	690,269	92.8	452,023	41,510	100
1925-1929.....	1,156,023	1,153,662	99.8	2,279	82	1,092,046	94.5	58,208	5,769	1,073,385	92.8	706,540	61,378	40
1930-1934.....	379,991	378,366	99.6	946	679	360,534	94.9	17,956	1,501	352,960	92.9	235,128	19,509	30
1935-1939.....	944,372	941,608	99.7	907	1,857	896,028	94.9	47,478	866	877,521	92.9	579,565	52,723	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	7,729,267	7,660,740	55,233	7,605,507	26,274	(1)	0.48
Gravity drainage only.....	7,729,267	7,660,740	55,233	7,605,507	26,274	(1)	0.48
Open ditches only.....	4,772,956	4,727,715	28,841	4,698,874	25,389	(1)	0.88
Open ditches and levees.....	3,013	3,013	.....	3,013	.....	.....	.....
Tile drains only.....	1,337,312	1,327,424	22,206	1,305,218	260	(1)	0.01
Tile drains and levees.....	52	52	.....	52	.....	.....	.....
Open ditches and tile drains.....	1,613,658	1,600,785	4,186	1,596,599	625	(1)	0.15
Open ditches, tile drains, and levees.....	2,276	1,751	.....	1,751	.....	.....	.....

[1] Less than one-half of 1 cent per acre.

STATE TABLE 11—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	7,729,267	100.0	35,215,586	100.0
Method:				
By district forces.....	526,492	6.8	2,221,613	6.3
By contract.....	6,075,826	78.6	28,320,380	80.4
Work apportioned to landowners.....	620,443	8.0	2,565,020	7.3
"None," or not reporting.....	506,506	6.6	2,108,573	6.0
Whether systematic:				
Reporting "yes".....	67,039	0.9	772,478	2.2
Reporting "no".....	7,615,225	98.5	34,199,944	97.1
Not reporting.....	47,003	0.6	243,164	0.7

STATE TABLE 12—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	7,729,267	93,729	1.2
Capital invested.....dollars..	35,215,586	288,283	0.8
Drainage works:			
Open ditches.....miles....	18,732.2	257.1	1.4
Tile drains.....miles....	10,163.9	12.2	0.1
Levees.....miles....	5.2	.....	.....

STATE TABLE 13—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received.....	378,201	989,796	717.9	95.5	0.5
Work Projects Administration.....	148,883	748,402	400.0	65.3	0.5
Civilian Conservation Corps.....	208,877	179,412	287.8	22.2	.....
Other kind or combination.....	20,441	61,981	30.1	8.0	.....

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CENSUS OF DRAINAGE — OHIO

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)			THE STATE	Allen	Ashland	Ashtabula	Auglaize	Brown	Butler
	LAND AREA									
1	Approximate land area	acres	1940	26,318,080	262,400	272,640	451,840	256,000	314,240	301,440
2	Drainage enterprises	number	1940	[1] 12,222	228	49	79	236	7	16
3	Land in enterprises	acres	1940	7,729,267	188,990	11,821	46,099	222,172	3,621	3,968
4			1930	8,165,494	217,695	15,607	29,064	245,075	([2])	15,326
5			1920	8,107,204	225,015	9,189	18,962	240,934	([2])	([2])
6	Area of all enterprises, overlapping included	acres	1940	25,212,061	511,318	11,821	51,015	714,351	3,621	3,968
7	Amount of overlapping	acres	1940	17,482,794	322,328	.....	4,916	492,179	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	7,690,503	188,990	11,821	46,099	222,157	3,621	3,918
9			1930	7,495,881	217,615	12,790	28,464	239,155	([2])	14,976
10	Increase or decrease (-), 1930-1940	acres		194,622	-28,625	-969	17,635	-16,998	.....	-11,058
11		percent		2.6	-13.2	-7.6	62.0	-7.1	.....	-73.8
12	Land undrained, unfit for any crop	acres	1940	12,482	.....	.....	.....	.....	.....	.....
13			1930	102,290	30	760	600	5,487	([2])	350
14	Increase or decrease (-), 1930-1940	acres		-89,808	-30	-760	-600	-5,487	.....	-350
15		percent		-87.8	-100.0	-100.0	-100.0	-100.0	.....	-100.0
16	Land partly drained, for partial crop	acres	1940	26,282	.....	.....	.....	15	.....	50
17			1930	567,323	50	2,057	.....	433	([2])	.....
18	Increase or decrease (-), 1930-1940	acres		-541,041	-50	-2,057	.....	-418	.....	50
19		percent		-95.4	-100.0	-100.0	.....	-96.5	.....	100.0
20	Improved land	acres	1940	7,300,737	178,794	11,821	39,676	215,302	3,401	3,968
21			1930	7,604,274	197,064	12,856	28,104	218,215	([2])	14,056
22			1920	6,707,328	175,350	7,867	9,081	[3] 201,399	([2])	([2])
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	371,999	10,196	.....	6,423	6,870	220	.....
24			1930	487,981	20,549	1,145	.....	25,696	([2])	1,050
25			1920	956,894	35,833	264	3,269	32,595	([2])	([2])
26	Other unimproved land	acres	1940	56,531	.....	.....	.....	.....	.....	.....
27			1930	73,239	82	1,606	960	1,164	([2])	220
28			1920	442,982	13,832	1,058	6,612	6,940	([2])	([2])
29	Land in occupied farms	acres	1940	7,173,937	165,200	11,821	45,150	206,200	3,602	3,968
30			1930	8,132,973	217,561	15,527	29,064	243,505	([2])	14,516
31	Increase or decrease (-), 1930-1940	acres		-959,036	-52,361	-3,706	16,086	-37,305	.....	-10,548
32		percent		-11.8	-24.1	-23.9	55.3	-15.3	.....	-72.7
33	Land in planted crops	acres	1940	4,682,046	102,400	11,821	28,440	126,400	3,401	3,918
34			1930	6,800,406	192,460	9,437	26,093	210,983	([2])	13,998
35	Increase or decrease (-), 1930-1940	acres		-2,118,360	-90,060	2,384	2,347	-84,583	.....	-10,080
36		percent		-31.2	-46.8	25.3	9.0	-40.1	.....	-72.0
37	Land idle	acres	1940	422,255	10,196	.....	.....	8,115	220	50
38			1930	359,758	846	4,093	1,080	1,491	([2])	888
39	Increase or decrease (-), 1930-1940	acres		62,497	9,350	-4,093	-1,080	6,624	.....	-838
40		percent		17.4	([4])	-100.0	-100.0	444.3	.....	-94.4
41	Land available for settlement	acres	1940	1,778	.....	.....	.....	.....	.....	.....
42			1930	7,313	.....	.....	.....	780	([2])	.....
43	Increase or decrease (-), 1930-1940	acres		-5,535	.....	.....	.....	-780	.....	.....
44		percent		-75.7	.....	.....	.....	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		4,772,956	110,602	11,715	44,188	103,810	3,621	1,121
46	Length of these ditches	miles		15,428.9	459.5	40.2	86.4	318.1	15.2	1.7
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		3,013	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		11.7	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		2.3	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		1,337,312	24,490	106	863	26,589	.....	1,554
53	Length of these tile	miles		7,231.6	159.9	0.9	3.6	283.9	.....	5.7
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		52	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		1.5	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		0.3	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		1,613,658	53,898	.....	1,048	91,773	.....	1,293
60	Length of these open ditches	miles		3,275.7	135.1	.....	1.2	231.1	.....	2.0
61	Length of these tile	miles		2,923.3	68.1	.....	0.5	169.5	.....	2.0
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		2,276	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		15.8	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		6.8	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		2.6	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 11,530.
[2] Included in "Other counties."

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

Champaign	Clark	Clermont	Clinton	Crawford	Cuyahoga	Darke	Defiance	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	
277,120	257,280	293,120	263,680	258,560	291,840	387,200	262,400	293,760	168,960	323,200	259,840	344,320	260,480	1
157	97	5	75	241	19	223	185	456	159	12	106	204	270	2
132,037	24,821	1,758	78,295	151,244	11,778	321,691	225,195	226,807	88,522	13,138	95,125	87,823	239,006	3
130,822	45,200	(2)	57,227	174,415	29,609	345,514	226,481	215,865	94,073	8,832	89,650	35,735	257,575	4
156,191	19,505	(2)	20,040	145,097	8,519	346,125	250,267	272,530	102,251	5,655	96,478	33,045	257,047	5
184,565	29,103	1,758	82,754	474,752	11,778	1,650,485	818,985	692,522	96,705	13,138	112,352	89,243	1,646,510	6
52,528	4,282	.....	4,459	323,508	.....	1,328,794	593,790	465,715	8,183	.....	17,227	1,420	1,407,504	7
132,037	24,821	1,758	78,295	151,244	11,778	321,691	225,095	226,468	88,522	12,938	95,125	87,737	239,006	8
130,205	44,468	(2)	57,227	164,183	26,698	345,380	150,666	197,500	89,346	8,421	85,534	33,782	248,159	9
1,832	-19,647	.....	21,068	-12,939	-14,920	-23,689	74,429	28,968	-824	4,517	9,591	53,955	-9,153	10
1.4	-44.2	.....	36.8	-7.9	-55.9	-6.8	49.4	14.7	-0.9	53.6	11.2	159.7	-3.7	11
.....	.....	.....	.....	.....	.....	.....	.....	162	.....	200	.....	.....	.....	12
.....	301	(2)	.....	150	20	89	3,190	3,295	1,593	.....	.....	327	.....	13
.....	-301	.....	.....	-150	-20	-89	-3,190	-3,133	-1,593	200	.....	-327	.....	14
.....	-100.0	.....	.....	-100.0	-100.0	-100.0	-100.0	-95.1	-100.0	.....	.....	-100.0	.....	15
.....	.....	.....	.....	.....	.....	.....	100	177	.....	.....	.....	86	.....	16
417	431	(2)	.....	10,082	2,891	45	72,625	15,070	3,134	411	4,116	1,626	9,416	17
-417	-431	.....	.....	-10,082	-2,891	-45	-72,525	-14,893	-3,134	-411	-4,116	-1,540	-9,416	18
-100.0	-100.0	.....	.....	-100.0	-100.0	-100.0	-99.9	-98.8	-100.0	-100.0	-100.0	-94.7	-100.0	19
130,815	24,821	1,758	77,990	144,036	11,509	314,813	208,411	226,467	87,174	12,477	95,125	87,808	214,276	20
130,158	44,837	(2)	57,227	154,039	27,159	343,460	201,132	192,603	86,920	8,021	88,683	35,453	242,659	21
145,464	13,949	(2)	20,040	123,753	6,284	[3] 314,643	[3] 194,430	[3] 227,865	99,804	5,405	89,195	25,121	[3] 208,640	22
1,222	.....	.....	305	7,111	269	6,878	16,784	102	1,348	661	.....	15	24,730	23
464	82	(2)	.....	18,524	1,230	2,054	25,021	22,969	3,016	575	700	33	13,480	24
8,113	297	(2)	.....	10,543	496	31,482	47,301	40,597	644	250	7,283	1,329	47,594	25
.....	.....	.....	.....	97	.....	.....	.....	238	.....	.....	.....	.....	.....	26
.....	281	(2)	.....	1,852	1,220	.....	328	293	4,137	236	267	249	1,436	27
2,614	5,259	(2)	.....	10,801	1,739	.....	8,536	4,068	1,803	.....	.....	6,595	813	28
120,500	24,819	1,758	72,700	143,300	11,778	307,800	208,000	208,500	76,100	13,025	93,600	80,200	226,000	29
130,622	45,000	(2)	57,227	174,272	27,337	345,106	226,481	215,685	93,818	8,832	89,650	33,728	257,462	30
-10,122	-20,181	.....	15,473	-30,972	-15,559	-37,306	-18,481	-7,185	-17,718	4,193	3,950	46,472	-31,462	31
-7.7	-44.8	.....	27.0	-17.8	-56.9	-10.8	-8.2	-3.3	-18.9	47.5	4.4	137.8	-12.2	32
67,100	24,693	1,758	56,900	90,400	8,313	195,200	124,000	103,800	47,300	12,477	72,400	48,300	152,700	33
116,994	34,662	(2)	28,843	102,743	21,243	280,627	184,897	187,196	81,241	5,473	79,715	16,754	223,655	34
-49,894	-9,969	.....	28,057	-12,343	-12,930	-85,427	-60,897	-83,396	-33,941	7,004	-7,315	31,546	-70,955	35
-42.6	-28.8	.....	97.3	-12.0	-60.9	-30.4	-32.9	-44.6	-41.8	128.0	-9.2	188.3	-31.7	36
558	.....	.....	.....	7,229	3,465	8,402	16,809	8,635	1,345	425	10	86	24,660	37
.....	.....	(2)	370	29,435	8,122	21,691	17,370	173	8,754	3,187	700	3,697	15,264	38
558	.....	.....	-370	-22,206	-4,657	-13,289	-561	8,462	-7,409	-2,762	-690	-3,611	9,396	39
.....	.....	.....	-100.0	-75.4	-57.3	-61.3	-3.2	[4]	-84.6	-86.7	-98.6	-97.7	61.6	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	(2)	.....	10	.....	.....	.....	50	.....	.....	.....	1,438	.....	42
.....	.....	.....	.....	-10	.....	.....	.....	-50	.....	.....	.....	-1,438	.....	43
.....	.....	.....	.....	-100.0	.....	.....	.....	-100.0	.....	.....	.....	-100.0	.....	44
53,928	11,113	1,613	37,022	50,101	11,778	244,043	186,336	52,317	60,992	11,827	44,715	50,222	142,500	45
118.0	94.8	5.3	60.7	98.5	42.3	400.3	470.7	423.5	118.7	23.9	95.2	147.2	377.7	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	411	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	0.6	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	0.1	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
23,257	3,589	145	27,888	52,742	.....	41,723	2,169	64,367	3,384	1,311	42,125	24,155	10,512	52
72.6	20.9	0.4	46.6	352.8	.....	248.6	12.0	305.0	8.2	1.6	147.8	71.9	312.2	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	1.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
54,852	10,067	.....	13,385	48,401	.....	35,925	36,690	109,187	24,146	.....	8,285	13,446	85,994	59
66.1	38.4	.....	6.1	65.2	.....	95.6	100.5	150.8	28.6	.....	12.3	23.2	195.2	60
109.2	34.9	.....	9.2	62.7	.....	57.3	32.7	304.4	21.5	.....	13.6	21.0	57.5	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	525	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	0.1	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	0.7	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	0.5	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[3] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.
[4] Percent not shown when more than 1,000.

CENSUS OF DRAINAGE — OHIO

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	Geauga	Greene	Hancock	Hardin	Henry	Holmes	Huron
	LAND AREA							
1	Approximate land area.....acres....1940..	260,480	266,240	340,480	298,880	266,240	271,360	318,080
2	Drainage enterprises.....number...1940..	6	75	482	397	391	10	263
3	Land in enterprises.....acres....1940..	3,119	51,518	291,519	265,025	261,328	2,029	84,635
4	1930..	[1]	57,406	321,182	282,645	260,489	11,854	125,685
5	1920..	[1]	46,685	341,627	299,610	262,707	[1]	92,411
6	Area of all enterprises, overlapping included.....acres....1940..	3,119	85,653	1,489,783	754,355	1,580,869	2,029	103,826
7	Amount of overlapping.....acres....1940..	.....	34,135	1,198,264	489,330	1,319,541	.....	19,191
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	2,769	51,518	291,519	265,025	260,207	2,029	84,590
9	1930..	[1]	56,796	199,388	282,645	242,996	10,444	124,410
10	Increase or decrease (-), 1930-1940.....acres.....	.....	-5,278	92,131	-17,620	17,211	-8,415	-39,820
11	percent.....	.....	-9.3	46.2	-6.2	7.1	-80.6	-32.0
12	Land undrained, unfit for any crop.....acres....1940..	.....	.....	.....	.....	5	.....	.....
13	1930..	[1]	50	23,006	.....	20	600	365
14	Increase or decrease (-), 1930-1940.....acres.....	.....	-50	-23,006	.....	-15	-600	-365
15	percent.....	.....	-100.0	-100.0	.....	-75.0	-100.0	-100.0
16	Land partly-drained, for partial crop.....acres....1940..	350	.....	.....	.....	1,116	.....	45
17	1930..	[1]	560	98,788	.....	17,473	810	910
18	Increase or decrease (-), 1930-1940.....acres.....	.....	-560	-98,788	.....	-16,357	-810	-865
19	percent.....	.....	-100.0	-100.0	.....	-93.6	-100.0	-95.0
20	Improved land.....acres....1940..	3,119	49,546	279,106	254,040	243,320	2,029	81,722
21	1930..	[1]	57,406	288,465	282,080	236,598	10,754	117,148
22	1920..	[1]	43,660	[2]270,205	[2]245,442	[2]220,591	[1]	90,575
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	.....	1,972	12,413	10,985	17,988	.....	2,868
24	1930..	[1]	.....	24,039	565	22,992	735	6,267
25	1920..	[1]	2,232	35,919	36,639	42,116	[1]	839
26	Other unimproved land.....acres....1940..	.....	.....	.....	.....	20	.....	45
27	1930..	[1]	.....	8,678	.....	899	365	2,270
28	1920..	[1]	793	35,503	17,529	.....	[1]	997
29	Land in occupied farms.....acres....1940..	3,119	49,541	276,500	244,500	248,200	2,029	75,500
30	1930..	[1]	57,406	320,994	282,645	259,167	11,834	124,380
31	Increase or decrease (-), 1930-1940.....acres.....	.....	-7,865	-44,494	-38,145	-10,967	-9,805	-48,880
32	percent.....	.....	-13.7	-13.9	-13.5	-4.2	-82.8	-39.3
33	Land in planted crops.....acres....1940..	2,769	36,100	175,300	147,800	182,000	2,029	47,200
34	1930..	[1]	46,371	285,531	259,846	235,328	9,775	107,325
35	Increase or decrease (-), 1930-1940.....acres.....	.....	-10,271	-110,231	-112,046	-53,328	-7,746	-60,125
36	percent.....	.....	-22.1	-38.6	-43.1	-22.7	-79.2	-56.0
37	Land idle.....acres....1940..	350	1,967	12,413	12,245	18,028	.....	2,999
38	1930..	[1]	270	9,451	25	13,951	450	3,510
39	Increase or decrease (-), 1930-1940.....acres.....	.....	1,697	2,962	12,220	4,077	-450	-511
40	percent.....	.....	628.5	31.3	[3]	29.2	-100.0	-14.6
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
42	1930..	[1]	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	.....	.....	.....	.....
44	percent.....	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	3,119	25,002	176,256	159,974	251,372	1,993	32,993
46	Length of these ditches.....miles.....	18.6	109.2	395.2	391.4	1,034.8	14.8	149.1
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	12,214	57,890	65,978	4,015	.....	11,552
53	Length of these tile.....miles.....	.....	25.3	478.0	503.7	11.5	.....	55.1
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	14,302	57,373	39,073	5,941	36	40,090
60	Length of these open ditches.....miles.....	.....	29.7	166.9	85.6	13.7	0.4	83.3
61	Length of these tile.....miles.....	.....	28.1	144.6	75.6	7.5	0.5	64.3
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Jackson	Knox	Licking	Logan	Lorain	Lucas	Madison	Mahoning	Marion	Medina	Mercer	Miami	Montgomery	Morrow	
268,800	340,480	439,040	295,040	316,800	219,520	296,960	268,160	259,200	271,360	290,560	260,480	297,600	258,560	1
3	4	98	782	434	150	285	8	384	40	183	440	124	172	2
4,600	1,974	73,596	248,578	173,586	141,912	244,258	2,638	226,474	15,269	243,387	180,297	48,920	73,329	3
(1)	(1)	35,134	242,625	97,928	167,168	288,740	(1)	235,471	22,116	261,521	159,195	38,169	126,674	4
(1)	(1)	19,305	175,061	113,761	205,244	236,431	(1)	237,580	17,859	250,853	225,720	10,482	111,111	5
4,600	1,974	73,596	280,154	249,274	407,988	352,795	2,638	442,310	18,941	1,039,975	326,628	50,070	145,067	6
.....	.....	.....	31,576	75,688	266,076	108,537	.....	215,836	3,672	796,588	146,331	1,150	71,738	7
4,600	1,974	73,596	248,578	173,586	141,912	242,765	2,638	226,074	14,611	243,199	180,297	48,920	73,329	8
(1)	(1)	34,058	242,394	74,761	155,908	288,740	(1)	152,606	21,316	238,750	159,195	38,149	119,482	9
.....	.....	39,538	6,184	98,825	-13,996	-45,975	.....	73,268	-6,705	4,449	21,102	10,771	-46,153	10
.....	.....	116.1	2.6	132.2	-9.0	-15.9	.....	47.9	-31.4	1.9	13.2	28.2	-38.6	11
.....	.....	.....	.....	.....	.....	1,493	.....	.....	162	.....	.....	.....	.....	12
(1)	(1)	.....	.....	3,655	5,955	.....	(1)	6,183	.....	5,287	.....	20	.....	13
.....	.....	.....	.....	-3,655	-5,955	1,493	.....	-6,183	162	-5,287	.....	-20	.....	14
.....	.....	.....	.....	-100.0	-100.0	.....	.....	-100.0	.....	-100.0	.....	-100.0	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	400	496	188	.....	.....	.....	16
(1)	(1)	1,076	231	19,512	5,305	.....	(1)	76,482	800	17,484	.....	.....	7,192	17
.....	.....	-1,076	-231	-19,512	-5,305	.....	.....	-76,082	-304	-17,296	.....	.....	-7,192	18
.....	.....	-100.0	-100.0	-100.0	-100.0	.....	.....	-99.5	-38.0	-98.9	.....	.....	-100.0	19
4,380	1,948	73,235	189,192	154,406	130,163	244,051	2,513	219,470	13,956	224,129	173,594	48,834	70,935	20
(1)	(1)	35,134	241,759	93,810	158,526	288,740	(1)	217,489	21,962	219,606	140,186	38,021	121,924	21
(1)	(1)	16,987	172,258	64,001	[2]124,644	214,306	(1)	174,142	10,753	[2]222,988	202,613	9,308	97,763	22
220	26	.....	28,076	6,252	11,749	207	125	7,004	939	19,258	6,703	86	2,394	23
(1)	(1)	.....	773	4,098	4,800	.....	(1)	16,263	.....	41,865	18,879	143	4,750	24
(1)	(1)	1,050	2,539	14,443	61,776	14,528	(1)	24,142	1,729	27,865	668	776	5,913	25
.....	.....	361	31,310	12,928	.....	.....	.....	.....	374	.....	.....	.....	.....	26
(1)	(1)	.....	93	20	3,842	.....	(1)	1,719	154	50	130	5	.....	27
(1)	(1)	1,268	264	35,317	18,824	7,597	(1)	39,296	5,377	.....	22,439	398	7,435	28
4,600	1,974	73,596	198,600	143,700	101,300	239,200	2,638	210,200	15,269	229,000	167,700	46,600	69,000	29
(1)	(1)	35,134	242,143	97,628	167,168	288,740	(1)	234,921	22,116	261,070	158,138	38,169	126,674	30
.....	.....	38,462	-43,543	46,072	-65,868	-49,540	.....	-24,721	-6,847	-32,070	9,562	8,431	-57,674	31
.....	.....	109.5	-18.0	47.2	-39.4	-17.2	.....	-10.5	-31.0	-12.3	6.0	22.1	-45.5	32
4,380	1,948	64,085	101,900	76,700	71,300	135,800	2,513	128,000	10,171	148,600	104,600	38,100	52,800	33
(1)	(1)	31,729	205,704	73,061	151,228	189,245	(1)	210,450	14,596	202,154	137,386	34,799	113,875	34
.....	.....	32,356	-103,804	3,639	-79,928	-53,445	.....	-82,450	-4,425	-53,554	-32,786	3,301	-61,075	35
.....	.....	102.0	-50.5	5.0	-52.8	-28.2	.....	-39.2	-30.3	-26.5	-23.9	9.5	-53.6	36
220	26	9,484	2,887	62,023	11,749	451	125	7,114	5,060	19,206	6,703	1,266	2,394	37
(1)	(1)	.....	240	15,470	3,330	.....	(1)	10,904	160	19,886	13,219	210	4,398	38
.....	.....	9,484	2,647	46,553	8,419	451	.....	-3,790	4,900	-680	-6,516	1,056	-2,004	39
.....	.....	.....	(3)	300.9	252.8	.....	.....	-34.8	(3)	-3.4	-49.3	502.8	-45.6	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
(1)	(1)	.....	.....	300	.....	.....	(1)	.....	.....	3	.....	.....	.....	42
.....	.....	.....	.....	-300	.....	.....	.....	.....	.....	-3	.....	.....	.....	43
.....	.....	.....	.....	-100.0	.....	.....	.....	.....	.....	-100.0	.....	.....	.....	44
4,600	1,774	20,804	95,207	157,511	135,721	35,711	2,638	78,557	13,809	201,940	51,709	28,299	25,842	45
6.2	3.5	28.9	359.7	1,113.5	354.8	89.0	9.6	328.7	42.0	336.1	97.2	64.5	60.6	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	1,475	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	7.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	2.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	200	41,533	64,124	6,655	5,171	70,018	.....	82,612	.....	24,368	117,578	17,461	17,274	52
.....	0.6	48.4	351.1	33.3	16.7	221.5	.....	391.5	.....	246.3	562.4	71.6	100.2	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	11,259	86,053	9,420	1,020	138,529	.....	65,305	1,460	17,079	11,010	3,160	30,213	59
.....	.....	9.8	206.4	34.3	4.9	202.6	.....	122.1	5.1	35.4	21.3	4.2	55.9	60
.....	.....	11.4	244.3	19.3	0.8	236.3	.....	95.4	0.7	16.9	22.2	7.5	90.4	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	1,719	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	15.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	6.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	1.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[3] Percent not shown when more than 1,000.

CENSUS OF DRAINAGE—OHIO

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)			Ottawa	Paulding	Pickaway	Portage	Preble	Putnam	Richland
	LAND AREA									
1	Approximate land area	acres	1940	168,320	266,240	324,480	322,560	273,920	311,040	319,360
2	Drainage enterprises	number	1940	123	308	31	41	638	333	109
3	Land in enterprises	acres	1940	129,004	247,416	35,331	22,132	139,497	281,362	48,727
4			1930	112,456	251,557	30,847	8,104	100,951	291,315	77,926
5			1920	154,402	262,911	24,101	10,274	110,615	308,374	22,763
6	Area of all enterprises, overlapping included	acres	1940	254,030	1,268,272	40,278	22,132	141,162	1,584,951	50,288
7	Amount of overlapping	acres	1940	125,026	1,020,856	4,947	.....	1,665	1,303,589	1,561
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	129,004	247,416	33,867	22,132	139,324	281,244	48,727
9			1930	104,419	241,586	27,463	6,141	99,687	263,056	62,924
10	Increase or decrease (-), 1930-1940	acres		24,585	5,830	6,404	15,991	39,637	18,188	-14,197
11		percent		23.5	2.4	23.3	260.4	39.8	6.9	-22.6
12	Land undrained, unfit for any crop	acres	1940	.....	.....	.....	.....	.....	32	.....
13			1930	1,187	741	795	.....	269	429	7,933
14	Increase or decrease (-), 1930-1940	acres		-1,187	-741	-795	.....	-269	-397	-7,933
15		percent		-100.0	-100.0	-100.0	.....	-100.0	-92.5	-100.0
16	Land partly drained, for partial crop	acres	1940	.....	.....	1,464	.....	173	86	.....
17			1930	6,850	9,230	2,589	1,963	995	27,830	7,069
18	Increase or decrease (-), 1930-1940	acres		-6,850	-9,230	-1,125	-1,963	-822	-27,744	-7,069
19		percent		-100.0	-100.0	-43.4	-100.0	-82.6	-99.7	-100.0
20	Improved land	acres	1940	126,811	235,267	34,715	21,997	138,719	267,931	47,294
21			1930	104,178	235,684	30,701	4,840	91,004	272,583	68,230
22			1920	[3]110,177	[3]219,885	20,680	2,508	106,606	253,803	18,411
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	2,133	12,149	616	135	673	13,431	1,395
24			1930	8,074	13,455	60	3,244	7,179	18,042	4,353
25			1920	40,240	41,012	1,534	1,317	4,009	39,510	2,555
26	Other unimproved land	acres	1940	60	.....	.....	.....	105	.....	38
27			1930	204	2,418	86	20	2,768	690	5,343
28			1920	3,985	2,014	1,887	6,449	.....	15,061	1,797
29	Land in occupied farms	acres	1940	109,000	229,200	35,311	22,007	133,300	267,900	45,100
30			1930	112,433	251,557	30,847	8,104	99,984	286,453	71,772
31	Increase or decrease (-), 1930-1940	acres		-3,433	-22,357	4,464	13,903	33,316	-18,553	-26,672
32		percent		-3.0	-8.9	14.5	171.6	33.3	-6.5	-37.2
33	Land in planted crops	acres	1940	80,800	158,000	30,400	16,600	78,500	181,100	34,900
34			1930	99,703	221,781	30,163	4,595	90,250	206,483	62,203
35	Increase or decrease (-), 1930-1940	acres		-18,903	-63,781	237	12,005	-11,750	-25,383	-27,303
36		percent		-19.0	-28.8	0.8	261.3	-13.0	-12.3	-43.9
37	Land idle	acres	1940	2,193	12,149	660	10	12,350	13,431	1,933
38			1930	8,129	14,980	71	3,007	4,922	32,668	5,379
39	Increase or decrease (-), 1930-1940	acres		-5,936	-2,831	589	-2,997	7,428	-19,237	-3,446
40		percent		-73.0	-18.9	829.6	-99.7	150.9	-58.9	-64.1
41	Land available for settlement	acres	1940	.....	.....	.....	.....	.....	.....	.....
42			1930	.....	.....	.....	.....	14	586	219
43	Increase or decrease (-), 1930-1940	acres		.....	.....	.....	.....	-14	-586	-219
44		percent		.....	.....	.....	.....	-100.0	-100.0	-100.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		128,401	226,155	18,734	21,487	22,439	222,121	27,970
46	Length of these ditches	miles		281.0	972.9	48.8	81.9	55.3	723.5	81.0
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		603	12,413	8,412	.....	69,728	21,615	16,502
53	Length of these tile	miles		1.6	67.4	17.0	.....	381.6	223.5	28.2
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	8,848	8,185	645	47,330	37,626	4,255
60	Length of these open ditches	miles		.....	27.6	9.4	2.6	52.5	83.2	5.9
61	Length of these tile	miles		.....	14.8	11.1	0.7	142.0	61.8	7.1
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

[1] Includes Highland, Lawrence, Muskingum, Perry, Pike, Ross, and Tuscarawas Counties in 1940; Brown, Clermont, Geauga, Highland, Jackson, Knox, Lawrence, Mahoning, Muskingum, Perry, Pike, Ross, and Tuscarawas Counties in 1930; and Brown, Butler, Clermont, Geauga, Hamilton, Highland, Holmes, Jackson, Knox, Lawrence, Mahoning, Muskingum, Perry, Pike, Ross, Scioto, Tuscarawas, and Warren Counties in 1920.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

Sandusky	Seneca	Shelby	Stark	Summit	Trumbull	Union	Van Wert	Warren	Wayne	Williams	Wood	Wyandot	Other counties[1]	
262,400	352,640	261,760	371,200	264,320	403,200	277,760	261,760	261,120	359,040	269,440	395,520	259,840	2,423,680	1
364	368	280	128	91	77	542	130	4	156	200	409	323	12	2
244,653	192,068	200,550	14,588	25,429	42,964	277,030	253,863	6,799	84,254	128,312	386,841	151,249	5,296	3
242,224	222,353	227,794	34,646	21,015	47,512	264,154	254,870	9,271	162,101	198,931	370,002	233,355	36,543	4
250,307	327,618	247,498	14,639	17,126	15,331	269,139	257,527	(2)	61,661	236,911	389,390	244,500	28,820	5
653,233	340,373	668,046	16,389	25,429	42,964	656,288	1,642,786	6,799	129,552	268,777	2,278,402	500,226	5,296	6
408,580	148,305	467,496	1,801	.....	.....	379,258	1,388,923	.....	45,298	140,465	1,891,561	348,977	.....	7
244,234	192,048	200,535	14,584	22,045	42,964	277,022	253,863	6,399	56,580	128,312	386,801	151,249	5,296	8
240,207	211,484	226,843	34,646	16,262	35,052	253,928	251,698	8,074	112,909	146,649	367,611	220,447	27,988	9
4,027	-19,436	-26,308	-20,062	5,763	7,912	23,094	2,165	-1,675	-56,329	-18,337	19,190	-69,198	-22,692	10
1.7	-9.2	-11.6	-57.9	35.6	22.6	9.1	0.9	-20.7	-49.9	-12.5	5.2	-31.4	-81.2	11
291	.....	.....	4	1,075	.....	.....	.....	200	8,858	.....	.....	.....	.....	12
470	1,067	831	.....	1,453	204	467	2,108	600	15,539	3,461	854	520	2,029	13
-179	-1,067	-831	4	-378	-204	-467	-2,108	-400	-6,681	-3,461	-854	-520	-2,029	14
-38.1	-100.0	-100.0	.....	-26.0	-100.0	-100.0	-100.0	-66.7	-43.0	-100.0	-100.0	-100.0	-100.0	15
128	20	15	.....	2,309	.....	8	.....	200	18,816	.....	40	.....	.....	16
1,547	9,802	120	.....	3,300	12,256	9,759	1,064	597	33,653	48,821	1,537	12,388	6,526	17
-1,419	-9,782	-105	.....	-991	-12,256	-9,751	-1,064	-397	-14,837	-48,821	-1,497	-12,388	-6,526	18
-91.7	-99.8	-87.5	.....	-30.0	-100.0	-99.9	-100.0	-66.5	-44.1	-100.0	-97.4	-100.0	-100.0	19
232,587	183,881	196,494	13,662	20,535	36,810	249,054	239,521	6,509	65,641	120,486	359,364	144,781	4,548	20
222,191	207,681	210,208	32,072	17,726	45,456	256,045	226,621	9,271	122,618	174,674	366,577	221,694	31,966	21
186,005	[3]273,028	[3]207,043	8,621	11,988	6,478	219,286	[3]220,721	(2)	51,054	[3]198,444	[3]314,841	[3]205,752	23,471	22
11,700	8,033	4,041	926	2,732	6,154	27,976	14,342	90	12,531	7,826	25,506	6,463	748	23
12,778	9,988	14,727	2,122	1,586	474	5,921	28,109	.....	34,284	24,155	2,104	11,173	3,396	24
25,976	37,759	28,987	39	1,184	2,352	25,567	36,806	(2)	2,843	31,353	74,391	17,282	1,114	25
366	154	15	.....	2,162	.....	.....	.....	200	6,082	.....	1,971	5	.....	26
7,255	4,684	2,859	452	1,703	1,582	2,188	140	.....	5,199	102	1,321	488	1,181	27
38,326	16,831	11,468	5,979	3,954	6,501	24,286	.....	(2)	7,764	7,114	158	21,466	4,235	28
229,000	183,000	194,800	14,588	22,436	42,881	262,898	246,000	6,799	84,254	124,200	349,700	139,500	5,296	29
246,705	220,679	227,729	34,569	20,613	42,279	264,122	254,570	9,271	160,237	198,844	369,907	233,355	35,223	30
-17,705	-37,679	-32,929	-19,981	1,823	602	-1,224	-8,570	-2,472	-75,983	-74,644	-20,207	-93,855	-29,927	31
-7.2	-17.1	-14.4	-57.8	8.8	1.4	-0.5	-3.4	-26.7	-47.4	-37.5	-5.5	-40.2	-85.0	32
151,200	118,600	122,100	12,898	12,532	27,235	140,323	182,400	6,209	60,185	96,600	267,500	83,600	4,548	33
210,269	200,507	185,886	28,757	13,169	30,510	239,495	225,923	5,300	88,548	154,180	343,782	210,069	23,416	34
-59,069	-81,907	-63,786	-15,859	-637	-3,275	-99,172	-43,523	909	-28,363	-57,580	-76,282	-126,469	-18,868	35
-28.1	-40.8	-34.3	-55.1	-4.8	-10.7	-41.4	-19.3	17.2	-32.0	-37.3	-22.2	-60.2	-80.6	36
12,404	8,448	5,661	860	6,720	95	378	14,443	590	20,476	7,826	27,344	6,621	748	37
3,549	1,226	3,569	198	3,753	5,751	1,229	17,924	1,029	8,566	21,389	226	5,792	3,766	38
8,855	7,222	2,092	662	2,967	-5,656	-851	-3,481	-439	11,910	-13,563	27,118	829	-3,018	39
249.5	589.1	58.6	334.3	79.0	-98.3	-69.2	-19.4	-42.7	139.0	-63.4	(4)	14.3	-80.1	40
.....	.....	.....	.....	1,778	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	2,709	.....	.....	629	.....	.....	.....	.....	.....	.....	.....	575	42
.....	.....	-2,709	.....	1,778	-629	.....	.....	.....	.....	.....	.....	.....	-575	43
.....	.....	-100.0	.....	.....	-100.0	.....	.....	.....	.....	.....	.....	.....	-100.0	44
221,391	95,043	120,399	11,978	23,707	41,497	92,869	177,211	2,830	82,335	46,630	375,331	70,947	5,086	45
937.7	329.1	439.0	170.2	111.0	146.7	152.3	597.7	7.5	280.2	147.4	1,280.0	163.3	17.1	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	1,127	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	3.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
15,083	51,118	42,722	484	151	.....	53,778	32,080	.....	1,211	11,820	6,690	43,160	130	52
45.6	117.5	378.7	3.9	0.9	.....	254.0	134.0	.....	2.9	77.7	45.1	279.5	0.7	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
8,179	45,907	37,429	2,094	444	1,467	130,383	44,572	3,969	708	69,862	4,820	37,142	80	59
14.4	100.0	173.0	28.0	6.6	9.4	193.4	81.2	8.7	2.2	151.5	22.4	70.2	0.5	60
10.3	50.9	137.5	11.4	1.9	1.4	197.8	52.2	1.1	1.3	117.6	12.0	60.2	0.3	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	0.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	0.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[2] Included in "Other counties."
[3] Office estimate; reported figures exceed acreage in all farms as determined by the Census of Agriculture.
[4] Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)	THE STATE	Allen	Ashland	Ashtabula	Auglaize	Brown	Butler
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[1] 12,222	228	49	79	236	7	16
	Open ditches:							
2	Completed.....miles.....1940..	18,732.2	594.6	40.2	87.6	549.2	15.2	3.7
3	1930..	25,048.2	685.7	73.6	46.2	518.5	(2)	5.0
4	1920..	24,984.0	527.3	49.1	48.4	437.6	(2)	(2)
5	Additional length authorized.....miles.....1940..	9.7	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	10,163.9	228.0	0.9	4.1	453.4	.....	7.7
7	1930..	9,371.6	224.3	1.7	0.5	335.8	(2)	8.1
8	1920..	9,205.3	161.3	1.4	1.2	346.7	(2)	(2)
9	Additional length authorized.....miles.....1940..	10.5	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	5.2	.....	.....	.....	.....	.....	.....
11	1930..	0.3	.....	.....	.....	.....	(2)	.....
12	1920..	9.6	.....	.....	.....	.....	(2)	(2)
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	25	.....	.....	.....	.....	(2)	.....
16	1920..	125	.....	.....	.....	.....	(2)	(2)
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	5,000	.....	.....	.....	.....	(2)	.....
19	1920..	3,600	.....	.....	.....	.....	(2)	(2)
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	348	.....	.....	.....	.....	(2)	.....
22	1920..	1,755	.....	.....	.....	.....	(2)	(2)
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	(2)	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	35,215,586	697,067	47,224	123,347	1,117,667	7,996	22,294
26	1930..	36,836,449	935,928	82,194	75,459	1,371,768	(2)	102,787
27	1920..	30,680,145	581,915	58,700	71,989	1,009,034	(2)	(2)
28	Estimated cost when completed.....dollars.....1940..	35,279,998	697,067	47,224	123,347	1,117,667	7,996	22,294
29	1930..	36,836,449	935,928	82,194	75,459	1,371,768	(2)	102,787
30	1920..	30,771,620	600,915	58,700	71,989	1,012,994	(2)	(2)
31	Average cost per acre when completed.....dollars.....1940..	4.56	3.69	3.99	2.68	5.03	2.21	5.62
32	1930..	4.51	4.30	5.27	2.60	5.60	(2)	6.71
33	1920..	3.80	2.67	6.39	3.80	4.20	(2)	(2)
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	17,847,814	235,903	44,078	103,880	297,276	7,996	1,481
35	Average amount per acre.....dollars..	3.74	2.13	3.76	2.35	2.86	2.21	1.32
36	Enterprises having open ditches and levees.....dollars..	56,189	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	18.65	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	10,772,897	262,631	3,146	13,122	348,427	.....	10,230
39	Average amount per acre.....dollars..	8.06	10.72	29.68	15.20	13.10	.....	6.58
40	Enterprises having tile and levees.....dollars..	1,653	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	31.79	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	6,576,533	198,533	.....	6,345	471,964	.....	10,583
43	Average amount per acre.....dollars..	4.08	3.68	.....	6.05	5.14	.....	8.18
44	Enterprises having ditches, tile, and levees.....dollars..	24,912	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	10.94	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	26,274	.....	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	59	.....	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	55,233	.....	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	0.48	.....	.....	.....	.....	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	353	15	.....	.....	2	.....	.....
57	Land in these enterprises.....acres....	378,201	30,991	.....	.....	(3)	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	149,837	8,358	.....	1,128	1,354	.....	.....
59	Enterprises reporting.....number...	216	7	.....	6	4	.....	.....
60	Land in these enterprises.....acres....	365,642	26,110	.....	1,963	3,915	.....	.....
61	Average amount collected per acre.....dollars..	0.41	0.32	.....	0.57	0.34	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	19,683	(3)	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	134	2	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	158,999	(3)	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	12.4	(3)	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	303,447	8,815	.....	1,827	8,716	.....	.....
67	Enterprises reporting.....number...	313	7	.....	7	12	.....	.....
68	Land in these enterprises.....acres....	486,719	34,525	.....	2,565	18,047	.....	.....
69	Average indebtedness per acre.....dollars..	0.62	0.26	.....	0.71	0.48	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	26,491	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	4	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	13,065	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	2.03	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	767	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	7	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	3,331	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	0.23	.....	.....	.....	.....	.....	.....

[1] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 11,530.

AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Champaign	Clark	Clermont	Clinton	Crawford	Cuyahoga	Darke	Defiance	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	
157	97	5	75	241	19	223	185	456	159	12	106	204	270	1
184.1	133.2	5.3	66.8	163.7	42.3	495.9	571.2	575.1	147.3	23.9	107.5	170.4	572.9	2
169.8	133.5	(2)	41.8	329.4	55.4	525.5	971.3	503.2	211.3	25.1	54.7	22.1	2,081.2	3
150.8	65.2	(2)	15.4	399.9	54.4	534.0	1,075.2	249.3	274.2	14.7	48.4	67.3	1,616.7	4
.....	2.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
181.8	57.3	0.4	55.8	415.5	.....	305.9	44.7	610.8	29.7	1.6	161.4	92.9	369.7	6
131.0	54.4	(2)	44.9	382.8	.....	420.6	59.6	575.9	26.5	4.6	214.9	68.9	292.2	7
147.4	47.7	(2)	27.5	380.3	.....	559.5	104.5	371.7	36.6	1.4	220.1	39.9	244.6	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	0.3	.....	.....	.....	.....	.....	.....	0.6	.....	.....	.....	.....	.....	10
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	1.2	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
490,091	180,674	4,512	166,612	813,017	35,228	2,332,836	744,985	1,077,288	152,320	62,898	328,729	391,244	1,105,585	25
438,705	182,266	(2)	156,189	710,977	89,025	1,333,441	767,504	849,446	162,293	154,458	273,425	265,839	1,580,401	26
521,301	133,225	(2)	39,251	632,076	53,872	2,000,095	651,468	616,455	250,199	99,364	274,691	120,582	1,012,672	27
490,091	182,674	4,512	166,612	813,017	35,228	2,332,836	744,985	1,077,288	152,320	62,898	328,729	391,244	1,105,585	28
438,705	182,266	(2)	156,189	710,977	89,025	1,333,441	767,504	849,446	162,293	154,458	273,425	265,839	1,580,401	29
533,092	133,225	(2)	39,251	632,076	64,872	2,000,095	651,468	617,685	250,199	99,364	274,691	120,982	1,012,672	30
3.71	7.36	2.57	2.13	5.38	2.99	7.25	3.31	4.75	1.72	4.79	3.46	4.45	4.62	31
3.36	4.03	(2)	2.73	4.08	3.01	3.86	3.39	3.94	1.73	17.49	3.05	7.44	6.14	32
3.41	6.83	(2)	1.96	4.36	7.61	5.78	2.60	2.27	2.45	17.57	2.85	3.66	3.94	33
150,691	81,064	2,680	78,993	71,813	35,228	1,191,003	555,499	252,456	79,006	60,325	128,263	122,497	355,034	34
2.79	7.29	1.66	2.13	1.43	2.99	4.88	2.98	4.82	1.30	5.10	2.87	2.44	2.49	35
.....	.....	.....	.....	.....	.....	.....	.....	193	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	0.47	.....	.....	.....	.....	.....	37
94,686	21,901	1,832	69,785	593,520	.....	879,268	20,078	333,908	8,995	2,573	164,851	216,563	592,426	38
4.07	6.10	12.63	2.50	11.25	.....	21.07	9.26	5.19	2.66	1.96	3.91	8.96	56.36	39
.....	1,653	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	31.79	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
244,714	78,056	.....	17,834	147,684	.....	262,565	169,408	489,237	64,319	.....	35,615	52,184	158,125	42
4.46	7.75	.....	1.33	3.05	.....	7.31	4.62	4.48	2.66	.....	4.30	3.88	1.84	43
.....	.....	.....	.....	.....	.....	.....	.....	1,494	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	2.84	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	280	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	28	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	6,203	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	0.04	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	33	.....	.....	3	92	13	56
.....	.....	.....	.....	.....	.....	.....	.....	13,783	.....	.....	19,940	49,874	14,620	57
496	.....	.....	.....	7,472	.....	15,644	.....	1,309	1,498	.....	.....	.....	(3)	58
4	.....	.....	.....	8	.....	7	.....	6	5	.....	.....	.....	1	59
3,560	.....	.....	.....	12,553	.....	24,281	.....	3,198	2,370	.....	.....	.....	(3)	60
0.14	.....	.....	.....	0.60	.....	0.64	.....	0.41	0.63	.....	.....	.....	(3)	61
.....	.....	.....	.....	.....	.....	.....	.....	(3)	2,785	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	2	11	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	(3)	3,965	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	(3)	70.2	.....	.....	.....	.....	65
2,046	(3)	.....	.....	.....	.....	34,021	.....	16,481	6,941	.....	.....	.....	16,151	66
5	1	.....	.....	.....	.....	18	.....	10	12	.....	.....	.....	11	67
5,045	(3)	.....	.....	.....	.....	37,042	.....	10,949	4,897	.....	.....	.....	13,575	68
0.40	(3)	.....	.....	.....	.....	0.92	.....	1.50	1.42	.....	.....	.....	1.19	69
.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	73
.....	(3)	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	74
.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	75
.....	(3)	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	76
.....	(3)	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	77

[2] Included in "Other counties."

[3] Where there are less than 3 enterprises reporting, data are included only in State totals.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)	Geauga	Greene	Hancock	Hardin	Henry	Holmes	Huron
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	6	75	482	397	391	10	263
	Open ditches:							
2	Completed.....miles.....1940..	18.6	138.9	562.1	477.0	1,048.5	15.2	232.4
3	1930..	(1)	110.0	1,091.9	460.5	1,303.0	34.0	184.3
4	1920..	(1)	76.4	969.1	537.9	2,109.1	(1)	249.3
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	53.4	622.6	579.3	19.0	0.5	119.4
7	1930..	(1)	73.2	661.9	644.4	18.7	.....	93.4
8	1920..	(1)	39.1	627.2	588.1	22.5	(1)	107.9
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	(1)	.....	.....	.....	.....	.....	.....
12	1920..	(1)	.....	.....	.....	.....	(1)	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	(1)	.....	.....	.....	.....	.....	.....
16	1920..	(1)	.....	.....	.....	.....	(1)	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	(1)	.....	.....	.....	.....	.....	.....
19	1920..	(1)	.....	.....	.....	.....	(1)	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	(1)	.....	.....	.....	.....	.....	.....
22	1920..	(1)	.....	.....	.....	.....	(1)	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	(1)	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	23,010	180,032	1,337,737	1,118,890	1,712,478	11,872	317,005
26	1930..	(1)	174,464	1,612,633	1,133,700	1,828,216	84,648	289,997
27	1920..	(1)	114,190	1,527,173	1,128,506	1,799,149	(1)	335,825
28	Estimated cost when completed.....dollars.....1940..	23,010	180,032	1,337,737	1,118,890	1,712,478	11,872	317,005
29	1930..	(1)	174,464	1,612,633	1,133,700	1,828,216	84,648	289,997
30	1920..	(1)	114,190	1,527,173	1,128,506	1,799,959	(1)	335,825
31	Average cost per acre when completed.....dollars.....1940..	7.38	3.49	4.59	4.22	6.55	5.85	3.74
32	1930..	(1)	3.04	5.02	4.01	7.02	7.14	2.31
33	1920..	(1)	2.45	4.47	3.77	6.85	(1)	3.63
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	23,010	80,228	374,043	443,589	1,678,383	10,737	68,038
35	Average amount per acre.....dollars..	7.38	3.21	2.12	2.77	6.68	5.39	2.06
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	38,261	681,203	520,661	17,115	.....	69,915
39	Average amount per acre.....dollars..	.....	3.13	11.77	7.89	4.26	.....	6.05
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	61,543	282,491	154,640	16,980	1,135	179,052
43	Average amount per acre.....dollars..	.....	4.30	4.92	3.96	2.86	31.53	4.47
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	(2)	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	1	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	(2)	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	(2)	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	(2)	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	.....	.....	962	5,736	2,090	.....	.....
59	Enterprises reporting.....number...	.....	.....	5	18	7	.....	.....
60	Land in these enterprises.....acres....	.....	.....	6,152	20,983	4,317	.....	.....
61	Average amount collected per acre.....dollars..	.....	.....	0.16	0.27	0.48	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	(2)	2,280	743	.....	.....
63	Enterprises reporting.....number...	.....	.....	1	16	6	.....	.....
64	Land in these enterprises.....acres....	.....	.....	(2)	12,190	3,514	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	(2)	18.7	21.1	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	(2)	(2)	22,196	.....	.....	.....
67	Enterprises reporting.....number...	.....	2	2	32	.....	.....	.....
68	Land in these enterprises.....acres....	.....	(2)	(2)	40,991	.....	.....	.....
69	Average indebtedness per acre.....dollars..	.....	(2)	(2)	0.54	.....	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties."

[2] Where there are less than 3 enterprises reporting, data are included only in State totals.

1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Jackson	Knox	Licking	Logan	Lorain	Lucas	Madison	Mahoning	Marion	Medina	Mercer	Miami	Montgomery	Morrow	
3	4	98	782	434	150	285	8	384	40	183	440	124	172	1
6.2	3.5	38.7	588.6	1,147.8	359.7	291.6	9.6	450.8	47.1	371.5	118.5	68.7	116.5	2
(1)	(1)	25.2	415.5	736.2	481.9	541.9	(1)	643.4	59.1	687.3	185.9	46.1	136.3	3
(1)	(1)	17.2	393.8	731.0	569.1	261.8	(1)	407.7	44.5	569.6	153.3	10.5	104.6	4
.....	.....	.....	.....	.....	.....	.....	.....	1.4	.....	.....	.....	.....	.....	5
.....	0.6	59.8	601.4	52.6	17.5	457.8	.....	486.9	0.7	263.2	584.6	79.1	190.6	6
(1)	(1)	59.0	538.5	56.3	12.7	.....	(1)	662.3	0.3	218.4	529.1	71.2	215.4	7
(1)	(1)	40.4	470.8	22.0	68.7	515.5	(1)	488.3	0.8	190.4	490.3	27.3	138.1	8
.....	.....	.....	2.7	.....	.....	0.8	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	3.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
(1)	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	.....	11
(1)	(1)	.....	0.8	.....	6.8	.....	(1)	.....	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
(1)	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	.....	15
(1)	(1)	.....	.....	.....	100	.....	(1)	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
(1)	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	.....	18
(1)	(1)	.....	.....	.....	3,100	.....	(1)	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
(1)	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	.....	21
(1)	(1)	.....	.....	.....	1,500	.....	(1)	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
(1)	(1)	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	.....	.....	24
5,700	1,300	144,595	1,364,660	695,088	315,656	821,833	8,686	889,780	90,849	1,176,636	889,759	254,029	269,537	25
(1)	(1)	113,990	1,085,269	763,683	516,083	729,507	(1)	2,047,850	89,287	871,617	983,087	277,140	286,448	26
(1)	(1)	75,749	873,048	456,376	565,851	686,563	(1)	706,480	65,430	898,792	884,625	54,685	224,268	27
5,700	1,300	144,595	1,367,533	695,088	315,656	824,415	8,686	892,017	90,849	1,176,636	889,759	254,029	269,537	28
(1)	(1)	113,990	1,085,269	763,683	516,083	729,507	(1)	2,047,850	89,287	871,617	983,087	277,140	286,448	29
(1)	(1)	75,749	874,267	456,376	565,851	686,563	(1)	706,480	65,430	898,792	884,625	54,685	224,268	30
1.24	0.66	1.96	5.50	4.00	2.22	3.38	3.29	3.94	5.95	4.83	4.93	5.19	3.68	31
(1)	(1)	3.24	4.47	7.80	3.09	2.53	(1)	8.70	4.04	3.33	6.18	7.26	2.26	32
(1)	(1)	3.92	4.99	4.01	2.76	2.90	(1)	2.97	3.66	3.58	3.92	5.22	2.02	33
5,700	777	58,694	402,802	457,241	259,944	104,856	8,686	340,755	65,208	662,455	81,639	76,667	41,166	34
1.24	0.44	2.82	4.23	2.90	1.92	2.94	3.29	4.34	4.72	3.28	1.58	2.71	1.59	35
.....	.....	.....	8,228	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	5.58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
.....	523	68,335	394,391	167,147	50,162	253,541	.....	353,774	.....	463,339	747,423	157,582	106,491	38
.....	2.62	1.64	6.15	25.12	9.70	3.62	.....	4.28	.....	19.01	6.36	9.02	6.16	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	17,566	538,694	70,700	5,550	466,018	.....	197,488	25,641	50,842	60,697	19,780	121,880	42
.....	.....	1.56	6.26	7.50	5.44	3.36	.....	3.02	17.56	2.98	5.51	6.26	4.03	43
.....	.....	.....	23,418	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	13.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	20	.....	13	.....	.....	8	.....	.....	.....	2	56
.....	.....	.....	.....	17,669	.....	30,912	.....	.....	4,954	.....	.....	.....	(2)	57
.....	.....	(2)	1,109	381	.....	(2)	.....	(2)	(2)	12,927	.....	.....	1,364	58
.....	.....	2	5	10	.....	2	.....	1	2	19	.....	.....	4	59
.....	.....	(2)	2,052	10,615	.....	(2)	.....	(2)	(2)	20,694	.....	.....	1,467	60
.....	.....	(2)	0.54	0.04	.....	(2)	.....	(2)	(2)	0.62	.....	.....	0.93	61
.....	.....	.....	2,707	1,970	.....	.....	.....	(2)	(2)	(2)	.....	.....	(2)	62
.....	.....	.....	9	18	.....	.....	.....	2	2	1	.....	.....	1	63
.....	.....	.....	2,969	15,409	.....	.....	.....	(2)	(2)	(2)	.....	.....	(2)	64
.....	.....	.....	91.2	12.8	.....	.....	.....	(2)	(2)	(2)	.....	.....	(2)	65
.....	.....	(2)	13,849	.....	.....	(2)	.....	2,914	.....	11,479	(2)	.....	6,343	66
.....	.....	2	15	.....	.....	2	.....	3	.....	19	1	.....	6	67
.....	.....	(2)	6,345	.....	.....	(2)	.....	2,098	.....	23,172	(2)	.....	2,132	68
.....	.....	(2)	2.18	.....	.....	(2)	.....	1.39	.....	0.50	(2)	.....	2.98	69
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	249	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	1,775	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	0.14	.....	77

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)	Ottawa	Paulding	Pickaway	Portage	Preble	Putnam	Richland
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	123	308	31	41	638	333	109
	Open ditches:							
2	Completed.....miles.....1940..	281.0	1,000.5	58.2	84.5	107.8	806.7	86.9
3	1930..	382.0	1,256.2	38.9	102.4	95.7	1,331.6	55.5
4	1920..	652.8	1,551.8	32.1	84.8	48.4	1,339.9	53.9
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	1.6	82.2	28.1	0.7	523.6	285.3	35.3
7	1930..	4.2	59.0	36.7	0.6	470.4	317.6	24.5
8	1920..	4.0	78.7	37.5	0.2	464.0	229.3	24.5
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	0.3	.....	.....	.....	.....	.....	.....
12	1920..	0.3	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	25	.....	.....	.....	.....	.....	.....
16	1920..	25	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	5,000	.....	.....	.....	.....	.....	.....
19	1920..	500	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	348	.....	.....	.....	.....	.....	.....
22	1920..	255	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	340,896	1,098,231	82,382	81,801	646,577	1,572,766	347,756
26	1930..	312,846	969,309	104,472	116,718	541,385	2,019,122	237,802
27	1920..	441,719	1,037,071	69,721	89,474	541,954	1,756,335	117,351
28	Estimated cost when completed.....dollars.....1940..	340,896	1,098,231	82,382	81,801	646,577	1,572,766	347,756
29	1930..	312,846	969,309	104,472	116,718	541,385	2,019,122	237,802
30	1920..	441,719	1,037,071	69,721	89,474	541,954	1,756,335	127,259
31	Average cost per acre when completed.....dollars.....1940..	2.64	4.44	2.33	3.70	4.64	5.59	7.14
32	1930..	2.78	3.85	3.39	14.40	5.36	6.93	3.05
33	1920..	2.86	3.94	2.89	8.71	4.90	5.70	5.59
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	335,976	1,006,164	40,804	78,055	48,761	908,263	238,692
35	Average amount per acre.....dollars..	2.62	4.45	2.18	3.63	2.17	4.09	8.53
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	4,920	67,484	18,093	.....	404,594	548,888	74,364
39	Average amount per acre.....dollars..	8.16	5.44	2.15	.....	5.80	25.39	4.51
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	24,583	23,485	3,746	193,222	115,615	34,700
43	Average amount per acre.....dollars..	.....	2.78	2.87	5.81	4.08	3.07	8.16
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number..	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	5	.....	.....	.....	10	7
57	Land in these enterprises.....acres....	.....	22,456	.....	.....	.....	14,475	4,584
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	(3)	6,331	.....	.....	.....	(3)	8,966
59	Enterprises reporting.....number..	1	7	.....	.....	.....	1	7
60	Land in these enterprises.....acres....	(3)	37,306	.....	.....	.....	(3)	2,460
61	Average amount collected per acre.....dollars..	(3)	0.17	.....	.....	.....	(3)	3.64
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	.....	.....	2,120	.....
63	Enterprises reporting.....number...	.....	.....	.....	.....	.....	39	.....
64	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	49,162	.....
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	.....	.....	4.3	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	(3)	16,862	.....	.....	.....	2,654	7,456
67	Enterprises reporting.....number...	1	9	.....	.....	.....	39	8
68	Land in these enterprises.....acres....	(3)	38,866	.....	.....	.....	49,162	3,161
69	Average indebtedness per acre.....dollars..	(3)	0.43	.....	.....	.....	0.05	2.36
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....

[1] Includes Highland, Lawrence, Muskingum, Perry, Pike, Ross, and Tuscarawas Counties in 1940; Brown, Clermont, Geauga, Highland, Jackson, Knox, Lawrence, Mahoning, Muskingum, Perry, Pike, Ross, and Tuscarawas Counties in 1930; and Brown, Butler, Clermont, Geauga, Hamilton, Highland, Holmes, Jackson, Knox, Lawrence, Mahoning, Muskingum, Perry, Pike, Ross, Scioto, Tuscarawas, and Warren Counties in 1920.

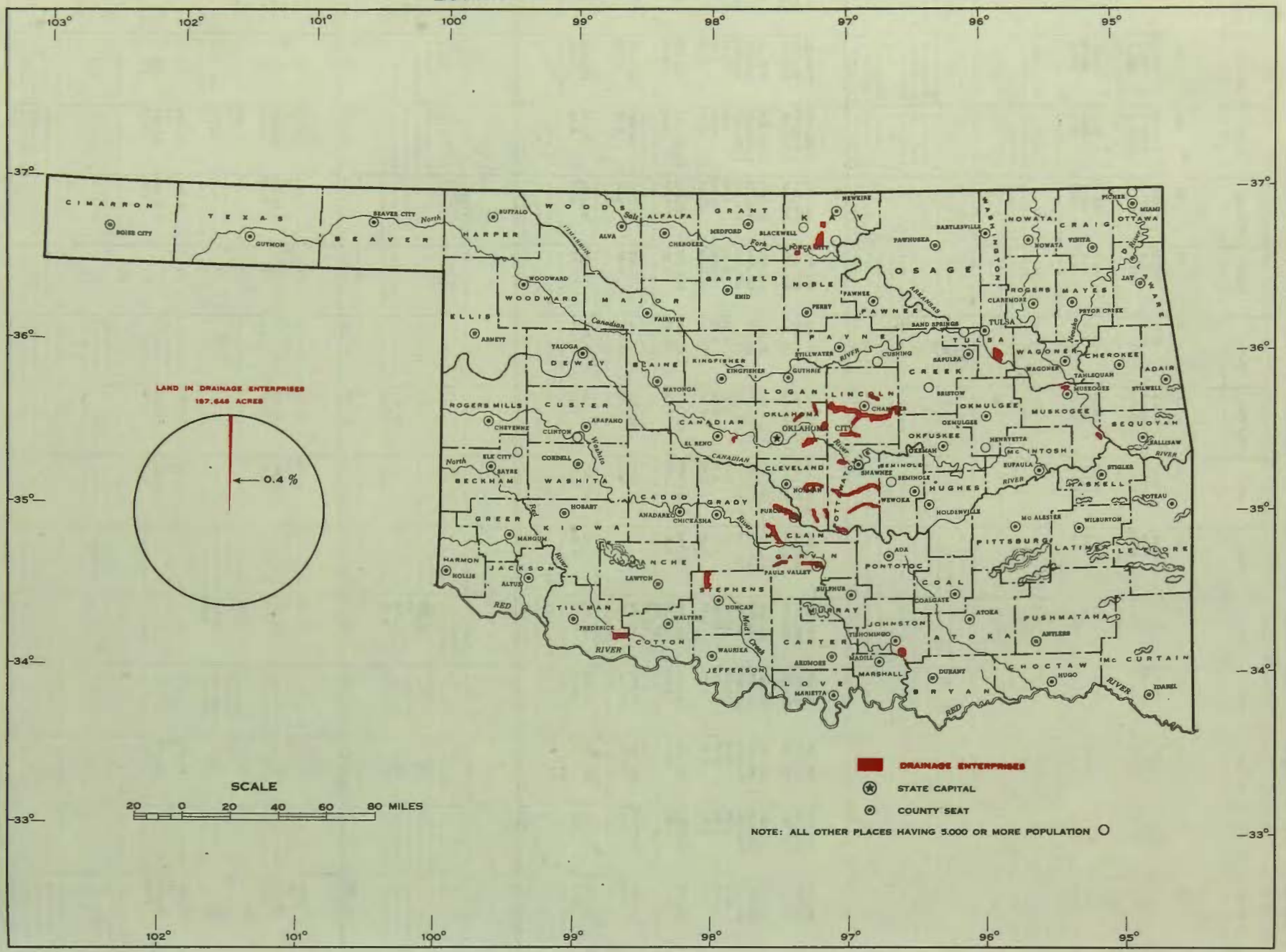
1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Sandusky	Seneca	Shelby	Stark	Summit	Trumbull	Union	Van Wert	Warren	Wayne	Williams	Wood	Wyandot	Other counties[1]	
364	368	280	128	91	77	542	130	4	156	200	409	323	12	1
952.1	429.1	612.0	198.6	121.5	156.1	345.7	678.9	16.2	282.4	298.9	1,302.4	233.5	17.6	2
1,060.0	479.1	595.1	140.7	122.1	77.4	496.3	1,496.5	15.8	277.5	533.6	2,255.5	549.0	91.5	3
851.2	775.3	357.3	167.9	70.7	86.8	310.1	1,252.0	(2)	275.0	678.5	3,072.5	382.5	107.7	4
1.4	.....	.....	.....	.....	.....	.....	2.8	.....	.....	.....	1.3	.....	.....	5
55.9	188.4	516.2	15.4	2.8	1.4	451.8	186.2	1.1	4.2	195.3	57.1	339.7	1.0	6
63.3	112.6	307.2	8.8	2.9	2.9	581.4	184.2	1.3	5.1	182.1	94.2	223.9	7.2	7
31.8	148.9	312.5	11.3	.....	4.9	587.8	209.7	(2)	6.1	179.1	81.5	254.0	10.3	8
.....	.....	.....	.....	.....	.....	.....	7.0	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	0.5	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	0.5	.....	(2)	.....	.....	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
1,006,798	610,843	926,936	175,168	500,677	109,530	1,074,376	1,212,511	17,981	454,694	549,679	2,069,766	774,232	31,240	25
885,490	608,415	1,063,677	156,737	222,165	119,021	784,066	1,631,698	20,000	427,599	556,914	2,540,618	812,205	286,466	26
620,742	704,352	828,282	168,044	99,888	85,196	705,535	1,544,952	(2)	319,263	512,940	1,723,397	559,087	231,243	27
1,008,776	610,843	926,936	175,168	500,677	109,530	1,074,376	1,225,815	17,981	454,694	549,679	2,109,204	774,232	31,240	28
885,490	608,415	1,063,677	156,737	222,165	119,021	784,066	1,631,698	20,000	427,599	556,914	2,540,618	812,205	286,466	29
620,742	704,352	853,282	168,044	99,888	85,196	705,535	1,544,952	(2)	319,263	512,940	1,723,397	566,244	231,243	30
4.12	3.18	4.62	12.01	19.69	2.55	3.88	4.83	2.64	5.40	4.28	5.45	5.12	5.90	31
3.66	2.74	4.67	4.52	10.57	2.51	2.97	6.40	2.16	2.64	2.80	6.87	3.48	7.84	32
2.48	2.15	3.45	11.48	5.83	5.56	2.62	6.00	(2)	5.18	2.17	4.43	2.32	8.02	33
901,262	289,544	253,531	136,439	414,991	99,778	264,277	823,851	12,640	450,835	195,801	2,026,944	191,132	30,290	34
4.07	3.05	2.10	11.39	17.50	2.40	2.84	4.65	4.47	5.48	4.20	5.40	2.69	5.96	35
.....	.....	.....	.....	47,768	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
.....	.....	.....	.....	42.38	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
74,784	207,465	392,290	5,561	7,582	.....	372,418	262,249	.....	1,423	110,547	59,546	432,434	450	38
4.96	4.06	9.18	11.49	50.21	.....	6.92	8.17	.....	1.18	9.35	8.90	10.02	3.46	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
32,730	113,834	281,115	33,168	30,336	9,752	437,681	139,715	5,341	2,436	243,331	22,714	150,666	500	42
4.00	2.48	7.51	15.84	68.32	6.65	3.36	3.13	1.34	3.44	3.48	4.71	4.06	6.25	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	(3)	.....	24,032	.....	.....	1,123	.....	.....	.....	.....	.....	.....	52
.....	.....	1	.....	23	.....	.....	5	.....	.....	.....	.....	.....	.....	53
.....	.....	(3)	.....	7,399	.....	.....	39,712	.....	.....	.....	.....	.....	.....	54
.....	.....	(3)	.....	3.25	.....	.....	0.03	.....	.....	.....	.....	.....	.....	55
4	1	.....	53	52	.....	.....	9	.....	.....	4	5	1	.....	56
13,354	(3)	.....	7,367	17,041	.....	.....	56,524	.....	.....	1,111	53,171	(3)	.....	57
7,987	.....	(3)	.....	1,589	.....	8,529	9,447	.....	(3)	6,766	11,776	(3)	.....	58
21	.....	2	.....	9	.....	18	4	.....	2	5	15	1	.....	59
28,926	.....	(3)	.....	12,147	.....	14,862	33,608	.....	(3)	5,735	35,807	(3)	.....	60
0.28	.....	(3)	.....	0.13	.....	0.57	0.28	.....	(3)	1.18	0.33	(3)	.....	61
(3)	.....	(3)	.....	1,840	.....	.....	.....	.....	(3)	.....	252	.....	.....	62
2	.....	2	.....	12	.....	.....	.....	.....	1	.....	7	.....	.....	63
(3)	.....	(3)	.....	13,340	.....	.....	.....	.....	(3)	.....	14,512	.....	.....	64
(3)	.....	(3)	.....	13.8	.....	.....	.....	.....	(3)	.....	1.7	.....	.....	65
15,982	.....	17,611	.....	.....	.....	17,109	10,270	.....	(3)	5,565	11,154	(3)	.....	66
25	.....	8	.....	.....	.....	22	4	.....	2	5	21	2	.....	67
35,613	.....	10,379	.....	.....	.....	16,661	34,064	.....	(3)	2,120	50,361	(3)	.....	68
0.45	.....	1.70	.....	.....	.....	1.03	0.30	.....	(3)	2.62	0.22	(3)	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	72
.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)	.....	.....	.....	.....	73
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77

[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals.

OKLAHOMA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State....acres....	44,341,120	44,424,960	44,424,960	.....	.....	.....	.....
Land in drainage enterprises....acres....	197,646	170,158	12,150	27,488	16.2	158,008	[1]
Improved....acres....	163,787	142,766	8,845	21,021	14.7	133,921	[1]
Unimproved:							
Timber and cut-over....acres....	20,215	11,923	3,305	8,292	69.5	8,618	260.8
Other....acres....	13,644	15,469	.....	-1,825	-11.8	15,469	.....
Drainage sufficient for normal crop....acres....	181,353	143,221	[2]	38,132	26.6	.....	.....
Partly drained, for partial crop....acres....	8,567	21,203	[2]	-12,636	-59.6	.....	.....
Unfit to raise any crop for lack of drainage....acres....	7,726	5,734	[3] 2,250	1,992	34.7	3,484	154.8
In occupied farms....acres....	182,980	163,936	[2]	19,044	11.6	.....	.....
In planted crops....acres....	86,884	135,956	[2]	-49,072	-36.1	.....	.....
Idle....acres....	19,693	26,092	[2]	-6,399	-24.5	.....	.....
Available for settlement....acres....	4,393	1,063	[2]	3,330	313.3	.....	.....
Open ditches, completed....miles....	334.3	303.0	18.6	31.3	10.3	284.4	[1]
Capital invested in enterprises....dollars....	1,971,350	2,283,598	76,415	-312,248	-13.7	2,207,183	[1]
Average per acre....dollars....	9.97	13.42	6.29	-3.45	-25.7	7.13	113.4

[1] Percent not shown when more than 1,000. [2] Not available. [3] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

SIZE	LAND IN ENTERPRISES[1]		
	1940	1930	1920
	Acres	Acres	Acres
All enterprises	197,646	[2] 170,158	12,150
200 to 499 acres	.....	670	400
500 to 999 acres	.....	.....	750
1,000 to 1,999 acres	1,593	[2] 45,616	5,000
2,000 to 4,999 acres	40,788		
5,000 to 9,999 acres	70,393	60,381	6,000
10,000 to 19,999 acres	49,880	63,491	.....
20,000 to 49,999 acres	34,992		

[1] No overlapping of enterprises indicated in Oklahoma in 1940 or 1920. [2] 960 acres overlapping were reported in 1930.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	197,646	100.0	1,971,350	100.0
County drains	197,646	100.0	1,971,350	100.0

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises	197,646	100.0	170,158	100.0	12,150	100.0	1,971,350	100.0	2,283,598	100.0	76,415	100.0
Gravity drainage only by open ditches	197,646	100.0	170,158	100.0	12,150	100.0	1,971,350	100.0	2,283,598	100.0	76,415	100.0

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	197,646	100.0	170,158	100.0	1,971,350	100.0	2,283,598	100.0	20,645	5,848
Enterprises in arrears	55,318	28.0	2,960	4.9	597,051	30.3	66,000	2.9	11,945	2,880
With some delinquent land	21,610	10.9	2,960	1.7	299,051	15.2	28,000	1.2	11,945	2,880
With no report on delinquency	33,708	17.1	5,310	3.1	298,000	15.1	38,000	1.7	.....	.....
Enterprises not in arrears	140,735	71.2	161,888	95.1	1,344,299	68.2	2,217,598	97.1	8,700	2,968
With some delinquent land	24,420	12.4	12,165	7.2	98,652	5.0	184,000	8.0	8,700	2,968
With no delinquent land	94,942	48.0	122,627	72.1	980,673	49.7	1,570,890	68.8	.....	.....
With no report on delinquency	21,373	10.8	27,096	15.9	264,974	13.4	462,708	20.3	.....	.....
Enterprises not reporting on arrearage—with no report on delinquency	1,593	0.8	.....	.....	30,000	1.5	.....	.....	.....	.....

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	197,646	1,971,350	262,199	88,941	[1]	20,645	8,638
Enterprises in debt	[2] 81,331	725,703	262,199	88,941	[1]	20,645	8,638
In arrears, amount of arrearage stated	31,318	382,051	160,941	88,941	[1]	11,945	5,446
Collecting drainage taxes in 1939	11,190	114,051	24,251	12,251	.....	1,860	5,446
No collections reported	20,128	268,000	136,690	76,690	[1]	10,085	.....
In arrears, amount not stated	[2] 24,000	215,000	43,000	.....	[1]	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	[2] 24,000	215,000	43,000	.....	[1]	.....	.....
Not in arrears	24,420	98,652	57,358	.....	.....	8,700	3,192
Collecting drainage taxes in 1939	17,380	80,652	39,943	.....	.....	6,700	3,192
No collections reported	7,040	18,000	17,415	.....	.....	2,000	.....
Not reporting as to arrears	1,593	30,000	900	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	1,593	30,000	900	.....	.....	.....	.....
Enterprises not in debt	116,315	1,245,647	.....	.....	.....	.....	.....
Collecting drainage taxes in 1939	.....	.....	.....	.....	.....	.....	.....
No collections reported	116,315	1,245,647	.....	.....	.....	.....	.....

[1] Amounts not stated by 3 enterprises reporting.
[2] Includes 14,000 acres for which amount of indebtedness was not reported.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	197,646	100.0	1,971,350	100.0
Improvement of land already in farms	68,832	34.8	856,251	43.4
Protection against overflow	128,814	65.2	1,115,099	56.6

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises[1]		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	197,646	100.0	1,971,350	100.0
1905-1909	72,872	36.9	947,017	48.0
1910-1914	14,483	7.3	112,841	5.7
1915-1919	2,590	1.3	8,500	0.4
1920-1924	48,781	24.7	477,151	24.2
1925-1929	33,600	17.0	251,189	12.7
1930-1934	19,720	10.0	168,973	8.6
1935-1939	5,600	2.8	5,679	0.4

[1] No overlapping of enterprises indicated in Oklahoma in 1940.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	197,646	181,353	91.8	8,567	7,726	163,787	82.9	20,215	13,644	182,980	92.6	86,884	19,693	4,393
1905-1909.....	72,872	68,180	93.6	2,492	2,200	61,316	84.1	8,364	3,192	70,680	97.0	25,516	1,200	.....
1910-1914.....	14,483	13,545	93.5	745	193	12,463	86.0	1,388	632	14,002	96.7	10,550	.....	.....
1915-1919.....	2,590	2,390	92.3	.....	200	2,300	88.8	290	.....	2,300	88.8	1,800	.....	.....
1920-1924.....	48,781	44,398	91.0	2,330	2,053	38,108	78.1	6,453	4,220	43,698	89.6	20,218	7,593	3,393
1925-1929.....	33,600	30,900	92.0	1,000	1,700	29,100	86.6	2,600	1,900	31,600	94.0	17,400	7,200	.....
1930-1934.....	19,720	17,440	88.4	1,500	780	18,000	91.3	520	1,200	16,700	84.7	11,000	1,200	.....
1935-1939.....	5,600	4,500	80.4	500	600	2,500	44.6	600	2,500	4,000	71.4	400	2,500	1,000

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	197,646	100.0	1,971,350	100.0
Method:				
Work apportioned to landowners	1,593	0.8	30,000	1.5
"None," or not reporting	196,053	99.2	1,941,350	98.5
Whether systematic:				
Reporting "yes"	.....	.....	.....	.....
Reporting "no"	196,053	99.2	1,941,350	98.5
Not reporting	1,593	0.8	30,000	1.5

STATE TABLE 11.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
All enterprises	Acres 197,646	Acres 197,646	Acres	Acres 197,646	Dollars	Dollars	Dollars .....
Gravity drainage only:							
Open ditches only	197,646	197,646	.....	197,646	.....	.....	.....

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COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Cleveland	Garvin[1]	Kay	Lincoln	Oklahoma	Potta-watomie	Tulsa[1]	Other counties[2]
	LAND AREA											
1	Approximate land area	acres	1940	44,341,120	350,080	520,960	604,160	622,720	453,760	511,360	366,080	2,993,280
2	Drainage enterprises	number	1940	[3]29	3	2	3	4	4	4	1	8
3	Land in enterprises	acres	1940	197,646	14,180	10,420	16,680	46,142	18,360	29,171	9,000	53,693
4			1930	170,158	11,910	12,165	11,000	45,232	.....	34,894	8,960	45,997
5			1920	12,150	.....	.....	[4]	.....	.....	.....	.....	12,150
6	Area of all enterprises, overlapping included	acres	1940	197,646	14,180	10,420	16,680	46,142	18,360	29,171	9,000	53,693
7	Amount of overlapping	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND											
8	Land with drainage sufficient for normal crop	acres	1940	181,353	12,500	9,800	15,900	41,600	16,840	29,171	8,000	47,542
9			1930	143,221	9,500	12,165	10,500	45,232	.....	34,894	5,560	25,370
10	Increase or decrease (-), 1930-1940	acres		38,132	3,000	-2,365	5,400	-3,632	16,840	-5,723	2,440	22,172
11		percent		26.6	31.6	-19.4	51.4	-8.0	.....	-16.4	43.9	87.4
12	Land undrained, unfit for any crop	acres	1940	7,726	600	620	780	1,300	1,020	.....	500	2,906
13			1930	5,734	.....	.....	.....	.....	.....	.....	400	5,334
14	Increase or decrease (-), 1930-1940	acres		1,992	600	620	780	1,300	1,020	.....	100	-2,428
15		percent		34.7	.....	.....	.....	.....	.....	.....	25.0	-45.5
16	Land partly drained, for partial crop	acres	1940	8,567	1,080	.....	.....	3,242	500	.....	500	3,245
17			1930	21,203	2,410	.....	500	.....	.....	.....	3,000	15,293
18	Increase or decrease (-), 1930-1940	acres		-12,636	-1,330	.....	-500	3,242	500	.....	-2,500	-12,048
19		percent		-59.6	-55.2	.....	-100.0	.....	.....	.....	-83.3	-78.8
20	Improved land	acres	1940	163,787	10,300	8,000	15,600	37,850	12,500	24,585	8,000	46,952
21			1930	142,766	9,410	12,165	10,650	37,020	.....	27,858	7,000	38,663
22			1920	8,845	.....	.....	[4]	.....	.....	.....	.....	8,845
	Unimproved land:											
23	Woodland and cut-over land	acres	1940	20,215	2,800	620	680	6,000	1,820	4,486	200	3,609
24			1930	11,923	.....	.....	350	6,080	.....	3,840	.....	1,653
25			1920	3,305	.....	.....	[4]	.....	.....	.....	.....	3,305
26	Other unimproved land	acres	1940	13,644	1,080	1,800	400	2,292	4,040	100	800	3,132
27			1930	15,469	2,500	.....	.....	2,132	.....	3,196	1,960	5,681
28			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Land in occupied farms	acres	1940	182,980	12,500	9,000	16,000	44,600	14,700	29,171	8,300	48,709
30			1930	163,936	11,500	12,165	11,000	42,240	.....	34,297	8,960	43,774
31	Increase or decrease (-), 1930-1940	acres		19,044	1,000	-3,165	5,000	2,360	14,700	-5,126	-660	4,935
32		percent		11.6	8.7	-26.0	45.4	5.6	.....	-14.9	-7.4	11.3
33	Land in planted crops	acres	1940	86,884	5,500	4,500	9,000	6,700	3,500	24,585	5,000	28,099
34			1930	135,956	5,610	12,165	10,200	36,820	.....	27,208	7,000	36,953
35	Increase or decrease (-), 1930-1940	acres		-49,072	-110	-7,665	-1,200	-30,120	3,500	-2,623	-2,000	-8,854
36		percent		-36.1	-2.0	-63.0	-11.8	-81.8	.....	-9.6	-28.6	-24.0
37	Land idle	acres	1940	19,693	400	2,000	1,000	800	6,700	.....	200	8,593
38			1930	26,092	.....	.....	.....	8,412	.....	7,686	1,860	8,134
39	Increase or decrease (-), 1930-1940	acres		-6,399	400	2,000	1,000	-7,612	6,700	-7,686	-1,660	459
40		percent		-24.5	.....	.....	.....	-90.5	.....	-100.0	-89.2	5.6
41	Land available for settlement	acres	1940	4,393	.....	.....	.....	.....	4,000	.....	.....	393
42			1930	1,063	.....	.....	.....	.....	.....	.....	.....	1,063
43	Increase or decrease (-), 1930-1940	acres		3,330	.....	.....	.....	.....	4,000	.....	.....	-670
44		percent		313.3	.....	.....	.....	.....	.....	.....	.....	-63.0
	LAND CLASSIFIED BY WORKS, 1940											
45	Land drained by open ditches only	acres		197,646	14,180	10,420	16,680	46,142	18,360	29,171	9,000	53,693
46	Length of these ditches	miles		394.3	32.0	19.0	28.0	68.8	25.0	56.5	11.0	94.0
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.

[2] Includes Canadian, Johnston, McClain, Muskogee, Stephens, and Tillman Counties in 1940; Alfalfa, Canadian, Johnston, McClain, Muskogee, Stephens, and Tillman Counties in 1930; and Canadian, Johnston, Kay, and Muskogee Counties in 1920.

[3] No intercounty enterprises reported.

[4] Included in "Other counties."

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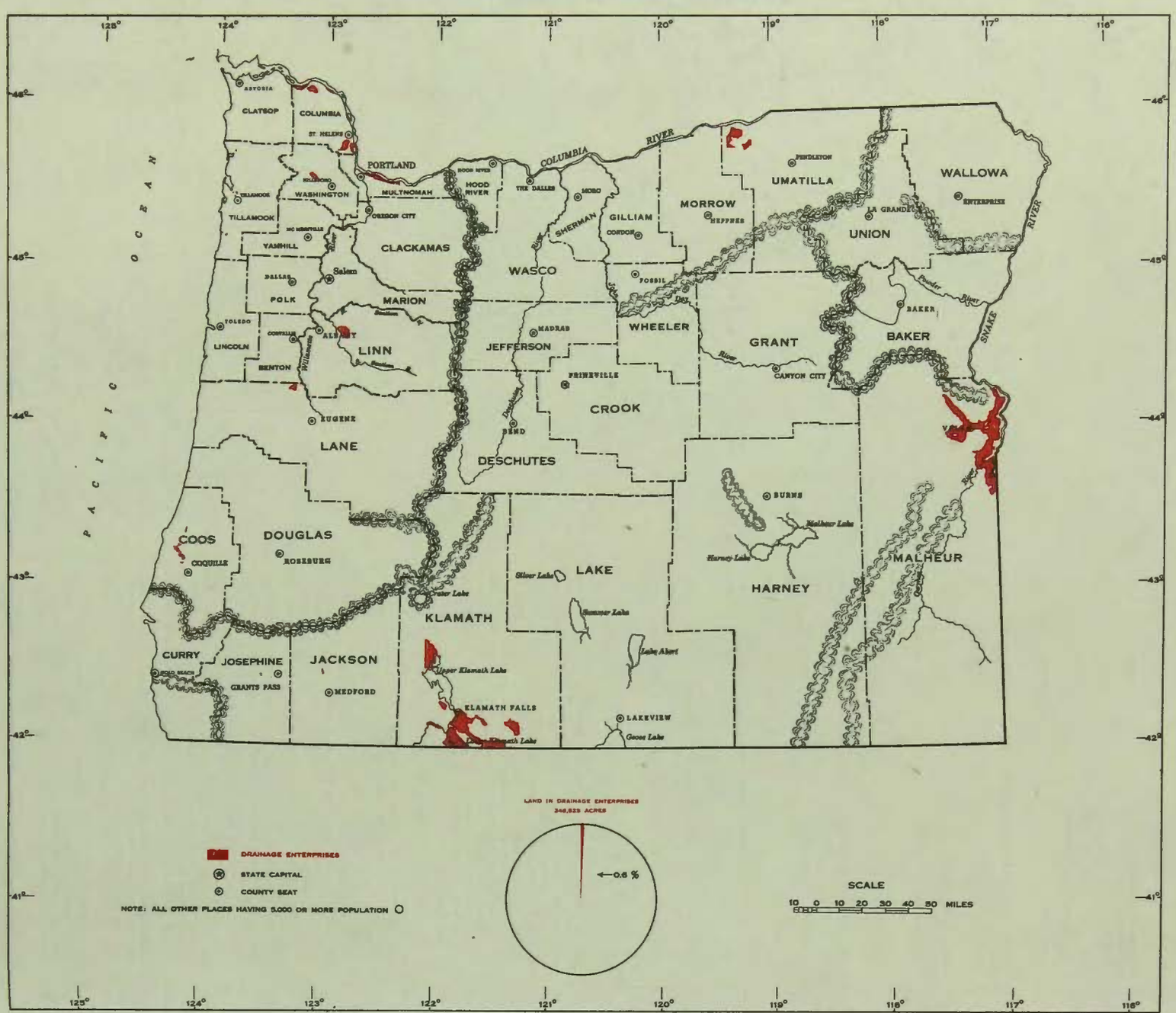
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Cleveland	Garvin[1]	Kay	Lincoln	Oklahoma	Potta-watomie	Tulsa[1]	Other counties[2]
	DRAINAGE WORKS											
1	Drainage enterprises	number	1940	[3] 29	3	2	3	4	4	4	1	8
	Open ditches:											
2	Completed	miles	1940	334.3	32.0	19.0	28.0	68.8	25.0	56.5	11.0	94.0
3			1930	303.0	40.5	16.7	12.0	59.5	.....	63.5	5.5	105.3
4			1920	18.6	.....	.....	[4]	.....	.....	.....	.....	18.6
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
7			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
8			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
12			1920	5.0	.....	.....	.....	.....	.....	.....	.....	5.0
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	1,971,350	89,900	185,000	59,384	786,251	78,652	369,163	20,500	382,500
26			1930	2,283,598	128,200	184,000	100,000	790,963	.....	583,897	20,496	476,042
27			1920	76,415	.....	.....	[4]	.....	.....	.....	.....	76,415
28	Estimated cost when completed	dollars	1940	1,971,350	89,900	185,000	59,384	786,251	78,652	369,163	20,500	382,500
29			1930	2,303,798	143,200	184,000	101,200	790,963	.....	583,897	20,496	480,042
30			1920	77,415	.....	.....	[4]	.....	.....	.....	.....	77,415
31	Average cost per acre when completed	dollars	1940	9.97	6.34	17.75	3.56	17.04	4.28	12.66	2.28	7.12
32			1930	13.54	12.02	15.12	9.20	17.49	.....	16.73	2.29	10.44
33			1920	6.37	.....	.....	[4]	.....	.....	.....	.....	6.37
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		1,971,350	89,900	185,000	59,384	786,251	78,652	369,163	20,500	382,500
35	Average amount per acre	dollars		9.97	6.34	17.75	3.56	17.04	4.28	12.66	2.28	7.12
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	Federal aid in maintenance:											
56	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		8,638	.....	.....	.....	[5]	4,193	.....	.....	[5]
59	Enterprises reporting	number		6	.....	.....	.....	2	3	.....	.....	1
60	Land in these enterprises	acres		28,570	.....	.....	.....	[5]	11,320	.....	.....	[5]
61	Average amount collected per acre	dollars		0.30	.....	.....	.....	[5]	0.37	.....	.....	[5]
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		20,645	.....	10,085	.....	[5]	5,700	.....	.....	[5]
63	Enterprises reporting	number		9	.....	2	.....	2	4	.....	.....	1
64	Land in these enterprises	acres		46,030	.....	10,420	.....	[5]	18,360	.....	.....	[5]
65	Portion delinquent in these enterprises	percent		44.8	.....	96.8	.....	[5]	31.0	.....	.....	[5]
66	Total indebtedness, Dec. 31, 1939	dollars		262,199	.....	102,690	.....	[5]	41,967	[5]	.....	100,291
67	Enterprises reporting	number		13	.....	2	.....	2	4	1	.....	4
68	Land in these enterprises	acres		67,331	.....	10,420	.....	[5]	18,360	[5]	.....	26,003
69	Average indebtedness per acre	dollars		3.89	.....	9.86	.....	[5]	2.28	[5]	.....	3.86
70	Indebtedness in arrears, Dec. 31, 1939	dollars		88,941	.....	42,690	.....	[5]	[5]	[5]	.....	[5]
71	Enterprises reporting	number		7	.....	2	.....	2	1	1	.....	1
72	Land in these enterprises	acres		55,318	.....	10,420	.....	[5]	[5]	[5]	.....	[5]
73	Average arrearage per acre	dollars		1.61	.....	4.10	.....	[5]	[5]	[5]	.....	[5]
74	Reduction of debt by refinancing, prior to 1940	dollars		[6]	.....	.....	.....	.....	.....	.....	.....	[6]
75	Enterprises reporting	number		3	.....	.....	.....	.....	.....	.....	.....	3
76	Land in these enterprises	acres		29,310	.....	.....	.....	.....	.....	.....	.....	29,310
77	Average reduction per acre	dollars		[6]	.....	.....	.....	.....	.....	.....	.....	[6]

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Canadian, Johnston, McClain, Muskogee, Stephens, and Tillman Counties in 1940; Alfalfa, Canadian, Johnston, McClain, Muskogee, Stephens, and Tillman Counties in 1930; and Canadian, Johnston, Kay, and Muskogee Counties in 1920. [3] No intercounty enterprises reported. [4] Included in "Other counties." [5] Where there are less than 3 enterprises reporting, data are included only in State totals. [6] Amount not reported.

OREGON

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	61,664,000	61,188,480	61,188,480	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	348,825	211,182	4,000	137,643	65.2	207,182	[1]
Improved.....acres.....	269,233	144,253	4,000	124,980	86.6	140,253	[1]
Unimproved:							
Timber and cut-over.....acres.....	4,862	9,912	.....	-5,050	-50.9	9,912	.....
Other.....acres.....	74,730	57,017	.....	17,713	31.1	57,017	.....
Drainage sufficient for normal crop.....acres.....	299,317	153,381	[2]	145,936	95.1	.....	.....
Partly drained, for partial crop.....acres.....	20,898	27,226	[2]	-6,328	-23.2	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	28,610	30,575	.....	-1,965	-6.4	30,575	.....
In occupied farms.....acres.....	302,870	146,576	[2]	156,294	106.6	.....	.....
In planted crops.....acres.....	241,090	116,987	[2]	124,103	106.1	.....	.....
Idle.....acres.....	52,360	52,563	[2]	-203	-0.4	.....	.....
Available for settlement.....acres.....	13,023	48,784	[2]	-35,761	-73.3	.....	.....
Open ditches, completed.....miles.....	780.1	495.1	.....	285.0	57.6	495.1	.....
Tile drains, completed.....miles.....	150.6	42.5	13.0	108.1	254.4	29.5	226.9
Drainage pumping plants, capacity.....horsepower....	4,218	2,173	.....	2,045	94.1	2,173	.....
gal. per min..	742,923	488,800	.....	254,123	52.0	488,800	.....
Capital invested in enterprises.....dollars.....	5,482,012	4,165,549	200,000	1,316,463	31.6	3,965,549	[1]
Average per acre.....dollars.....	15.72	19.72	50.00	-4.00	-20.3	-30.28	-60.6

[1]Percent not shown when more than 1,000. [2]Not available.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	Acres	Acres	Acres		Acres	Acres	Acres	Acres
All enterprises.....	353,915	211,182	4,000	348,825	1,000 to 1,999 acres.....	15,984	42,697	4,000	15,984
					2,000 to 4,999 acres.....	35,365			35,365
Less than 100 acres.....	177	150	.....	177	5,000 to 9,999 acres.....	55,341	51,451	.....	53,651
100 to 199 acres.....	477	411		477	10,000 to 19,999 acres.....	56,261	109,511	.....	56,261
200 to 499 acres.....	4,100	1,910	.....	3,700	20,000 to 49,999 acres.....	124,669			121,669
500 to 999 acres.....	5,941	5,052	.....	5,941	50,000 to 99,999 acres.....	55,600	.....	.....	55,600

[1]The sum of the areas in the individual enterprises, without deduction for overlapping.
[2]Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	348,825	100.0	5,482,012	100.0
Drainage districts.....	139,580	40.0	3,835,486	70.0
Irrigation enterprises:				
Federal[1].....	178,642	51.2	1,209,397	22.0
Other.....	30,603	8.8	437,129	8.0

[1]Includes projects or divisions of projects of United States Bureau of Reclamation operated by water users.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises.....	348,825	100.0	211,182	100.0	4,000	100.0	5,482,012	100.0	4,165,549	100.0	200,000	100.0
Gravity drainage only by—												
Open ditches.....	96,868	27.8	61,237	29.0			873,135	15.9	560,998	13.4		
Tile drains.....	.....	.....	500	0.2	4,000	100.0	.....	.....	20,000	0.5	200,000	100.0
Open ditches and tile drains..	106,193	30.4	58,724	27.8			414,773	7.6	706,957	17.0		
All drained by pumping by—												
Open ditches.....	33,849	9.7					1,677,291	30.6				
Tile drains.....	.....	.....	30,417	14.4	.....	.....	.....	.....	1,668,222	40.1	.....	.....
Open ditches and tile drains..	5,619	1.6					750,000	13.7				
Part only by pumping by—												
Open ditches.....	[2] 57,206	16.4					650,968	11.9				
Tile drains.....	.....	.....	60,304	28.6	.....	.....	.....	.....	1,209,372	29.0	.....	.....
Open ditches and tile drains..	49,090	14.1					1,115,845	20.3				
Total area served by pumps.....	[2] 51,795	14.8	59,386	28.1	.....	.....	.....	.....	.....	.....	.....	.....

[1]Each item includes those enterprises that have provided levees in addition to the kind of drains specified.
[2]One enterprise reported pumps but not area served by them.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	*Hp.*	*Percent*	*G. p. m.*	*Acres*
All pumping enterprises	1940	26	4,218	100.0	742,923	[1] 51,795
	1930	17	2,173	100.0	488,800	59,386
	1920	.....	.....	.....	.....	.....
Steam	1940	.....	.....	.....	.....	.....
	1930	1	300	13.8	60,000	5,704
	1920	.....	.....	.....	.....	.....
Electric	1940	21	3,413	80.9	577,423	[1] 39,226
	1930	12	1,693	77.9	402,100	50,973
	1920	.....	.....	.....	.....	.....
Internal combustion	1940	3	165	3.9	50,500	1,905
	1930	4	180	8.3	26,700	2,709
	1920	.....	.....	.....	.....	.....
Steam and electric	1940	1	575	13.6	100,000	5,664
	1930	.....	.....	.....	.....	.....
	1920	.....	.....	.....	.....	.....
Electric and internal combustion	1940	1	65	1.6	15,000	5,000
	1930	.....	.....	.....	.....	.....
	1920	.....	.....	.....	.....	.....

[1] One enterprise reported pumps but not area served by them.

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	*Percent*	*Hp.*	*Acres*
All pumping enterprises	1940	56	742,923	100.0	4,218	[1] 51,795
	1930	31	488,800	100.0	2,173	59,386
Centrifugal	1940	24	316,100	42.5	1,630	16,771
	1930	24	260,000	53.2	1,455	38,970
Rotary	1940	.....	.....	.....	.....	.....
	1930	1	1,800	0.4	16	4,000
Screw	1940	4	11,050	1.5	60	5,776
	1930	.....	.....	.....	.....	[2] 8,016
Turbine	1940	2	1,673	0.2	18	1,046
	1930	.....	.....	.....	.....	.....
Centrifugal and—Screw	1940	13	246,600	33.2	1,410	18,242
	1930	6	227,000	46.4	702	8,400
Turbine	1940	12	167,000	22.5	1,085	9,709
	1930	.....	.....	.....	.....	.....
Water wheel	1940	1	500	0.1	15	251
	1930	.....	.....	.....	.....	.....

[1] One enterprise reported pumps but not area served by them.

[2] Served by pumps located in Siskiyou County, California.

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises	348,825	100.0	211,182	100.0	5,482,012	100.0	4,165,549	100.0	53,329	64,747
Enterprises in arrears	81,165	23.3	72,063	34.1	2,039,312	37.2	880,194	21.1	50,019	57,117
With some delinquent land	79,417	22.8	60,943	28.8	1,864,312	34.0	738,644	17.7	50,019	57,117
With no delinquent land	416	0.1	8,153	3.9	35,000	0.6	83,510	2.0	.....	.....
With no report on delinquency	1,332	0.4	2,967	1.4	140,000	2.6	58,040	1.4	.....	.....
Enterprises not in arrears	256,289	73.5	139,119	65.9	3,152,865	57.5	3,285,355	78.9	1,310	7,630
With some delinquent land	8,708	2.5	54,114	25.6	218,478	4.0	1,268,992	30.5	1,310	7,630
With no delinquent land	232,856	66.8	71,573	33.9	2,056,179	37.5	1,252,138	30.1	.....	.....
With no report on delinquency	14,725	4.2	13,432	6.4	878,208	16.0	764,225	18.3	.....	.....
Enterprises not reporting on arrearage	11,371	3.2	.....	.....	289,835	5.3	.....	.....	2,000	.....
With some delinquent land	5,356	1.5	.....	.....	161,973	3.0	.....	.....	2,000	.....
With no delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no report on delinquency	6,015	1.7	.....	.....	127,862	2.3	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	348,825	5,482,012	1,781,706	138,749	862,477	53,329	225,663
Enterprises in debt	190,947	3,673,491	1,781,706	138,749	736,977	53,212	207,587
In arrears, amount of arrearage stated	81,165	2,039,312	1,070,853	138,749	468,500	50,019	122,417
Collecting drainage taxes in 1939	79,609	1,962,312	1,062,125	132,209	468,500	49,419	122,417
No collections reported	1,556	77,000	8,728	6,540	.....	600	.....
Not in arrears	103,629	1,436,206	638,353	.....	223,277	1,193	81,245
Collecting drainage taxes in 1939	53,689	1,299,379	529,797	.....	211,277	1,193	81,245
No collections reported	49,940	136,827	108,556	.....	12,000	.....	.....
Not reporting as to arrears	6,153	197,973	72,500	.....	45,200	2,000	3,925
Collecting drainage taxes in 1939	6,153	197,973	72,500	.....	45,200	2,000	3,925
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	151,066	1,693,780	.....	.....	105,000	117	16,419
Collecting drainage taxes in 1939	13,591	625,849	.....	.....	105,000	.....	16,419
No collections reported	137,475	1,067,931	.....	.....	.....	117	.....
Enterprises not reporting as to debt	6,812	114,741	.....	.....	20,500	.....	1,657
Collecting drainage taxes in 1939	1,690	28,879	.....	.....	.....	.....	1,657
No collections reported	5,122	85,862	.....	.....	20,500	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	348,825	100.0	5,482,012	100.0
Improvement of land already in farms	161,567	46.3	1,700,119	31.0
Reclamation of swamp land not previously in farms	62,259	17.9	882,365	16.1
Protection against overflow	33,281	9.5	2,114,796	38.6
Removal of alkali or seepage from irrigation	91,718	26.3	784,732	14.3

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	348,825	100.0	353,915	5,090	5,482,012	100.0
1905–1909	39,234	11.3	42,234	3,000	746,370	13.6
1910–1914	15,877	4.6	15,877	.....	118,738	2.2
1915–1919	87,993	25.2	89,683	1,690	2,021,560	36.9
1920–1924	75,387	21.6	75,787	400	1,817,906	33.2
1925–1929	53,791	15.4	53,791	.....	455,760	8.3
1930–1934	61,795	17.7	61,795	.....	192,778	3.5
1935–1939	14,748	4.2	14,748	.....	128,900	2.3

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT			USE OF LAND				
		Drained		Partly drained	Undrained	Improved land	Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*
All enterprises	348,825	299,317	85.8	20,898	28,610	269,233	77.2	4,862	74,730	302,870	86.8	241,090	52,360	13,023
1905–1909	39,234	32,975	84.0	4,360	1,899	37,846	96.5	.....	1,388	37,846	96.5	31,551	1,404	.....
1910–1914	15,877	14,716	92.7	761	400	13,419	84.5	786	1,672	15,877	100.0	13,004	2,458	.....
1915–1919	87,993	76,190	86.6	8,623	3,180	66,557	75.6	2,132	19,304	73,968	84.1	58,777	10,587	7,150
1920–1924	75,387	49,753	66.0	3,704	21,930	48,359	64.1	1,150	25,878	50,326	66.8	39,542	11,149	1,100
1925–1929	53,791	52,770	98.1	.....	1,021	45,735	85.0	535	7,521	53,770	99.9	43,235	10,556	.....
1930–1934	61,795	61,165	99.0	450	180	45,789	74.1	39	15,967	56,485	91.4	43,672	16,006	4,623
1935–1939	14,748	11,748	79.6	3,000	.....	11,528	78.2	220	3,000	14,598	99.0	11,309	200	150

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	348,825	348,825	213,863	134,962	98,126	0.28	0.46
Gravity drainage only	203,061	203,061	68,453	134,608	16,666	0.08	0.24
Open ditches only	95,636	95,636	34,285	61,351	10,359	0.11	0.30
Open ditches and levees	1,232	1,232	912	320	562	0.46	0.62
Open ditches and tile drains	106,193	106,193	33,256	72,937	5,745	0.05	0.17
Pumping for all or part of drainage	145,764	145,764	145,410	354	81,460	0.56	0.56
All drainage by pumping	39,468	39,468	39,114	354	42,696	1.08	1.09
Part pumping and part gravity	106,296	106,296	106,296	.....	38,764	0.36	0.36

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	348,825	100.0	5,482,012	100.0
Method:				
By district forces	206,925	59.3	3,537,576	64.5
By contract	12,786	3.7	401,774	7.3
Work apportioned to landowners	53,802	15.4	436,351	8.0
"None," or not reporting	75,312	21.6	1,106,311	20.2
Whether systematic:				
Reporting "yes"	257,809	73.9	3,210,668	58.6
Reporting "no"	91,016	26.1	2,271,344	41.4

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	348,825	178,652	51.2
Capital invested.....dollars..	5,482,012	2,448,893	44.7
Drainage works:			
Open ditches.....miles....	780.1	473.4	60.7
Tile drains.....miles....	150.6	14.0	9.3
Levees.....miles....	143.2	66.5	46.4

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS			AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees				Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*		*Acres*	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	167,856	3,524,224	444.6	119.5	78.2	Civilian Conservation Corps	121,684	1,075,048	243.5	17.5	.....
						Corps of Engineers, U.S.A.	17,654	1,482,317	86.0	100.0	54.1
						W.P.A. and Corps of Engineers	1,332	140,000	7.8	2.0	4.5
Work Projects Administration	26,157	701,859	102.3	.....	14.6	P.W.A. and Corps of Engineers	1,029	125,000	5.0	.....	5.0

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	348,825	[1] 2,127	0.6
Capital invested.....dollars..	5,482,012	28,692	0.5
Drainage works:			
Open ditches.....miles....	780.1	18.0	2.3
Tile drains.....miles....	150.6	.....	.....
Levees.....miles....	143.2	.....	.....

[1] All land in these enterprises is dependent for protection upon levees of outside agencies.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Columbia	Coos	Jackson[1]	Klamath	Lane[1]	Linn[1]
	LAND AREA							
1	Approximate land area.....acres....1940..	61,664,000	413,440	1,031,040	1,602,880	3,822,720	2,940,160	1,468,160
2	Drainage enterprises.....number...1940..	[2] 65	11	5	1	11	1	1
3	Land in enterprises.....acres....1940..	348,825	19,568	5,345	404	124,017	3,600	13,000
4	1930..	211,182	17,574	5,344	.....	123,912	5,600	.....
5	1920..	4,000	.....	.....	.....	.....	.....	.....
6	Area of all enterprises, overlapping included.....acres....1940..	353,915	19,568	5,345	404	127,017	3,600	13,000
7	Amount of overlapping.....acres....1940..	5,090	.....	.....	.....	3,000	.....	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	299,317	19,568	4,948	404	89,169	3,600	10,000
9	1930..	153,381	16,264	5,110	.....	82,379	3,800	.....
10	Increase or decrease (-), 1930-1940.....acres.....	145,936	3,304	-162	404	6,790	-200	10,000
11	percent.....	95.1	20.3	-3.2	.....	8.2	-5.3	.....
12	Land undrained, unfit for any crop.....acres....1940..	28,610	.....	.....	.....	24,220	.....	.....
13	1930..	30,575	285	40	.....	24,300	.....	.....
14	Increase or decrease (-), 1930-1940.....acres.....	-1,965	-285	-40	.....	-80	.....	.....
15	percent.....	-6.4	-100.0	-100.0	.....	-0.3	.....	.....
16	Land partly drained, for partial crop.....acres....1940..	20,898	.....	397	.....	10,628	.....	3,000
17	1930..	27,226	1,025	194	.....	17,233	1,800	.....
18	Increase or decrease (-), 1930-1940.....acres.....	-6,328	-1,025	203	.....	-6,605	-1,800	3,000
19	percent.....	-23.2	-100.0	104.6	.....	-38.3	-100.0	.....
20	Improved land.....acres....1940..	269,233	17,113	5,275	404	83,740	3,400	10,000
21	1930..	144,253	8,621	3,584	.....	78,426	3,800	.....
22	1920..	4,000	.....	.....	.....	.....	.....	.....
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	4,862	2,426	70	.....	.....	.....	.....
24	1930..	9,912	1,566	1,671	.....	.....	1,500	.....
25	1920..	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land.....acres....1940..	74,730	29	.....	.....	40,277	200	3,000
27	1930..	57,017	7,387	89	.....	45,486	300	.....
28	1920..	.....	.....	.....	.....	.....	.....	.....
29	Land in occupied farms.....acres....1940..	302,870	17,329	5,345	404	90,308	3,600	13,000
30	1930..	146,576	10,610	5,101	.....	79,019	3,900	.....
31	Increase or decrease (-), 1930-1940.....acres.....	156,294	6,719	244	404	11,289	-300	13,000
32	percent.....	106.6	63.3	4.8	.....	14.3	-7.7	.....
33	Land in planted crops.....acres....1940..	241,090	15,069	5,275	404	71,218	3,400	10,000
34	1930..	116,987	8,005	2,101	.....	65,701	2,000	.....
35	Increase or decrease (-), 1930-1940.....acres.....	124,103	7,064	3,174	404	5,517	1,400	10,000
36	percent.....	106.1	88.2	151.1	.....	8.4	70.0	.....
37	Land idle.....acres....1940..	52,360	3,926	50	.....	9,551	200	.....
38	1930..	52,563	8,815	788	.....	30,601	2,585	.....
39	Increase or decrease (-), 1930-1940.....acres.....	-203	-4,889	-738	.....	-21,050	-2,385	.....
40	percent.....	-0.4	-55.5	-93.6	.....	-68.8	-92.3	.....
41	Land available for settlement.....acres....1940..	13,023	1,400	.....	.....	7,000	.....	.....
42	1930..	48,784	6,479	2,200	.....	29,901	1,700	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-35,761	-5,079	-2,200	.....	-22,901	-1,700	.....
44	percent.....	-73.3	-78.4	-100.0	.....	-76.6	-100.0	.....
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	95,636	.....	4,774	.....	21,935	3,600	13,000
46	Length of these ditches.....miles.....	198.0	.....	18.5	.....	31.5	3.7	7.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	1,232	.....	320	.....	.....	.....	.....
49	Length of these ditches.....miles.....	8.8	.....	4.0	.....	.....	.....	.....
50	Length of these levees.....miles.....	4.2	.....	1.3	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	106,193	.....	.....	404	.....	.....	.....
60	Length of these open ditches.....miles.....	66.1	.....	.....	0.2	.....	.....	.....
61	Length of these tile.....miles.....	21.6	.....	.....	2.0	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[3].....acres.....	145,764	19,568	251	.....	102,082	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	507.2	98.5	3.0	.....	300.7	.....	.....
70	Length of tile owned by these enterprises.....miles.....	129.0	100.0	.....	.....	8.0	.....	.....
71	Length of levees owned by these enterprises.....miles.....	139.0	69.4	.....	.....	46.8	.....	.....
72	Part protected by levees of an outside agency.....acres.....	2,127	.....	.....	.....	2,127	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 63.
[3] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Malheur	Marion[1]	Multnomah	Tillamook	Umatilla	Washington[1]	Other counties[2]
	LAND AREA								
1	Approximate land area	acres 1940	6,316,800	750,720	271,360	713,600	2,067,840	458,240	.....
2	Drainage enterprises	number 1940	17	2	6	6	3	1	.....
3	Land in enterprises	acres 1940	140,523	410	12,490	2,297	24,010	3,161	.....
4		1930	22,102	200	12,506	1,491	9,453	1,500	11,500
5		1920	4,000	.....	.....	.....	.....	.....	.....
6	Area of all enterprises, overlapping included	acres 1940	142,613	410	12,490	2,297	24,010	3,161	.....
7	Amount of overlapping	acres 1940	2,090	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres 1940	135,243	410	11,158	2,114	20,703	2,000	.....
9		1930	14,060	200	12,256	1,472	8,550	1,300	7,990
10	Increase or decrease (-), 1930-1940	acres	121,183	210	-1,098	642	12,153	700	-7,990
11		percent	861.9	105.0	-9.0	43.6	142.1	53.8	-100.0
12	Land undrained, unfit for any crop	acres 1940	3,730	.....	260	.....	.....	400	.....
13		1930	4,555	.....	250	.....	745	100	200
14	Increase or decrease (-), 1930-1940	acres	-925	.....	10	.....	-745	300	-200
15		percent	-19.9	.....	4.0	.....	-100.0	300.0	-100.0
16	Land partly drained, for partial crop	acres 1940	1,550	.....	1,072	183	3,307	761	.....
17		1930	3,387	.....	.....	19	158	100	3,310
18	Increase or decrease (-), 1930-1940	acres	-1,837	.....	1,072	164	3,149	661	-3,310
19		percent	-54.2	.....	.....	863.2	(3)	661.0	-100.0
20	Improved land	acres 1940	113,258	326	11,032	1,986	20,699	2,000	.....
21		1930	20,435	150	11,481	776	9,340	1,300	6,340
22		1920	4,000	.....	.....	.....	.....	.....	.....
	Unimproved land:								
23	Woodland and cut-over land	acres 1940	.....	84	1,318	203	.....	761	.....
24		1930	.....	50	675	110	.....	200	4,140
25		1920	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres 1940	27,265	.....	140	108	3,311	400	.....
27		1930	1,667	.....	350	605	113	.....	1,020
28		1920	.....	.....	.....	.....	.....	.....	.....
29	Land in occupied farms	acres 1940	132,856	371	12,350	2,297	21,849	3,161	.....
30		1930	18,325	150	11,232	1,491	8,908	1,500	6,340
31	Increase or decrease (-), 1930-1940	acres	114,531	221	1,118	806	12,941	1,661	-6,340
32		percent	625.0	147.3	10.0	54.0	145.3	110.7	-100.0
33	Land in planted crops	acres 1940	107,407	228	8,276	1,954	15,859	2,000	.....
34		1930	17,385	150	9,586	50	7,499	1,300	3,210
35	Increase or decrease (-), 1930-1940	acres	90,022	78	-1,310	1,904	8,360	700	-3,210
36		percent	517.8	52.0	-13.7	(3)	111.5	53.8	-100.0
37	Land idle	acres 1940	30,607	45	1,914	205	4,701	1,161	.....
38		1930	3,700	50	1,904	.....	320	200	3,600
39	Increase or decrease (-), 1930-1940	acres	26,907	-5	10	205	4,381	961	-3,600
40		percent	727.2	-10.0	0.5	.....	(3)	480.5	-100.0
41	Land available for settlement	acres 1940	4,623	.....	.....	.....	.....	.....	.....
42		1930	2,130	.....	844	.....	370	.....	5,160
43	Increase or decrease (-), 1930-1940	acres	2,493	.....	-844	.....	-370	.....	-5,160
44		percent	117.0	.....	-100.0	.....	-100.0	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres	28,259	410	81	1,528	18,888	3,161	.....
46	Length of these ditches	miles	81.6	11.0	2.0	10.1	26.1	6.5	.....
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	143	769	.....	.....	.....
49	Length of these ditches	miles	.....	.....	0.4	4.4	.....	.....	.....
50	Length of these levees	miles	.....	.....	1.0	1.9	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	100,667	.....	.....	.....	5,122	.....	.....
60	Length of these open ditches	miles	56.9	.....	.....	.....	9.0	.....	.....
61	Length of these tile	miles	18.1	.....	.....	.....	1.5	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres	11,597	.....	12,266	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	20.2	.....	84.8	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	19.0	.....	2.0	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	22.8	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes Benton and Clatsop Counties in 1930.
[3] Percent not shown when more than 1,000.
[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM* (See definitions in Introduction)		THE STATE	Columbia	Coos	Jackson[1]	Klamath	Lane[1]	Linn[1]
	DRAINAGE WORKS								
1	Drainage enterprises	number 1940	[2] 65	11	5	1	11	1	1
	Open ditches:								
2	Completed	miles 1940	780.1	98.5	25.5	0.2	332.2	3.7	7.0
3		1930	495.1	69.5	23.0	.....	232.5	3.0	.....
4		1920	.....	.....	.....	.....	.....	.....	.....
5	Additional length authorized	miles 1940	35.0	.....	.....	.....	25.0	.....	.....
	Tile drains:								
6	Completed	miles 1940	150.6	100.0	.....	2.0	8.0	.....	.....
7		1930	42.5	1.7	.....	.....	8.0	.....	.....
8		1920	[3] 13.0	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles 1940	200.0	200.0	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed	miles 1940	143.2	69.4	1.3	.....	46.8	.....	.....
11		1930	121.4	51.8	0.8	.....	42.0	.....	.....
12		1920	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	25.0	.....	.....	.....	25.0	.....	.....
	Pumping plants:								
14	Engine capacity	horsepower 1940	4,218	2,310	15	.....	475	.....	.....
15		1930	2,173	975	.....	.....	230	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	742,923	433,500	500	.....	96,550	.....	.....
18		1930	488,800	193,200	.....	.....	42,600	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	51,795	19,528	251	.....	18,966	.....	.....
21		1930	59,386	16,396	.....	.....	26,604	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	14	3	.....	.....	1	.....	.....
24		1930	1	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1	dollars 1940	5,482,012	1,684,717	151,842	13,624	1,412,430	6,861	16,500
26		1930	4,165,549	1,051,269	144,098	.....	1,329,977	8,900	.....
27		1920	200,000	.....	.....	.....	.....	.....	.....
28	Estimated cost when completed	dollars 1940	5,951,454	1,884,717	151,842	13,624	1,658,372	6,861	16,500
29		1930	4,843,647	1,051,269	144,098	.....	1,926,075	9,900	.....
30		1920	200,000	.....	.....	.....	.....	.....	.....
31	Average cost per acre when completed	dollars 1940	17.06	96.32	28.41	33.72	13.37	1.90	1.27
32		1930	22.94	59.82	26.96	.....	15.54	1.77	.....
33		1920	50.00	.....	.....	.....	.....	.....	.....
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only	dollars	851,035	.....	131,842	.....	128,869	6,861	16,500
35	Average amount per acre	dollars	8.90	.....	27.62	.....	5.88	1.90	1.27
36	Enterprises having open ditches and levees	dollars	23,100	.....	10,000	.....	.....	.....	.....
37	Average amount per acre	dollars	18.75	.....	31.25	.....	.....	.....	.....
38	Enterprises having tile only	dollars	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	438,273	.....	.....	13,624	.....	.....	.....
43	Average amount per acre	dollars	4.13	.....	.....	33.72	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars	4,639,046	1,884,717	[4]	.....	1,539,503	.....	.....
47	Average amount per acre	dollars	31.83	96.32	[4]	.....	15.04	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants	dollars	81,460	23,219	[4]	.....	[4] 28,282	.....	.....
49	Enterprises reporting	number	25	10	1	.....	7	.....	.....
50	Land in these enterprises	acres	145,410	19,214	[4]	.....	[4] 102,333	.....	.....
51	Average cost per acre	dollars	0.56	1.21	[4]	.....	[4] 0.28	.....	.....
52	By enterprises not operating pumping plants	dollars	16,666	.....	4,516	.....	3,093	.....	.....
53	Enterprises reporting	number	22	.....	3	.....	3	.....	.....
54	Land in these enterprises	acres	68,453	.....	4,774	.....	7,585	.....	.....
55	Average cost per acre	dollars	0.24	.....	0.94	.....	0.41	.....	.....
	Federal aid in maintenance:								
56	Enterprises reporting	number	27	9	.....	.....	2	.....	1
57	Land in these enterprises	acres	167,856	17,783	.....	.....	[5]	.....	13,000
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939	dollars	225,663	39,250	5,723	.....	96,419	.....	.....
59	Enterprises reporting	number	37	9	4	.....	6	.....	.....
60	Land in these enterprises	acres	154,732	17,739	5,025	.....	99,881	.....	.....
61	Average amount collected per acre	dollars	1.46	2.21	1.14	.....	0.96	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	53,329	[6] 4,112	.....	.....	40,933	.....	.....
63	Enterprises reporting	number	13	3	.....	.....	4	.....	.....
64	Land in these enterprises	acres	93,481	[6] 9,529	.....	.....	69,319	.....	.....
65	Portion delinquent in these enterprises	percent	57.0	[6] 43.2	.....	.....	59.0	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars	1,781,706	366,000	50,000	.....	940,836	.....	.....
67	Enterprises reporting	number	30	3	4	.....	9	.....	.....
68	Land in these enterprises	acres	190,947	8,244	5,025	.....	119,821	.....	.....
69	Average indebtedness per acre	dollars	9.33	44.40	9.95	.....	7.85	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars	138,749	[5]	.....	.....	[5]	.....	.....
71	Enterprises reporting	number	8	1	.....	.....	2	.....	.....
72	Land in these enterprises	acres	81,165	[5]	.....	.....	[5]	.....	.....
73	Average arrearage per acre	dollars	1.71	[5]	.....	.....	[5]	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars	862,477	[5]	.....	.....	98,020	.....	.....
75	Enterprises reporting	number	10	2	.....	.....	3	.....	.....
76	Land in these enterprises	acres	63,045	[5]	.....	.....	34,025	.....	.....
77	Average reduction per acre	dollars	13.68	[5]	.....	.....	2.88	.....	.....

* Not distributed by counties. [1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 63. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Data for 1 enterprise in Coos County included in data for Klamath County. [5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [6] Data for 1 enterprise in Multnomah County included in data for Columbia County.

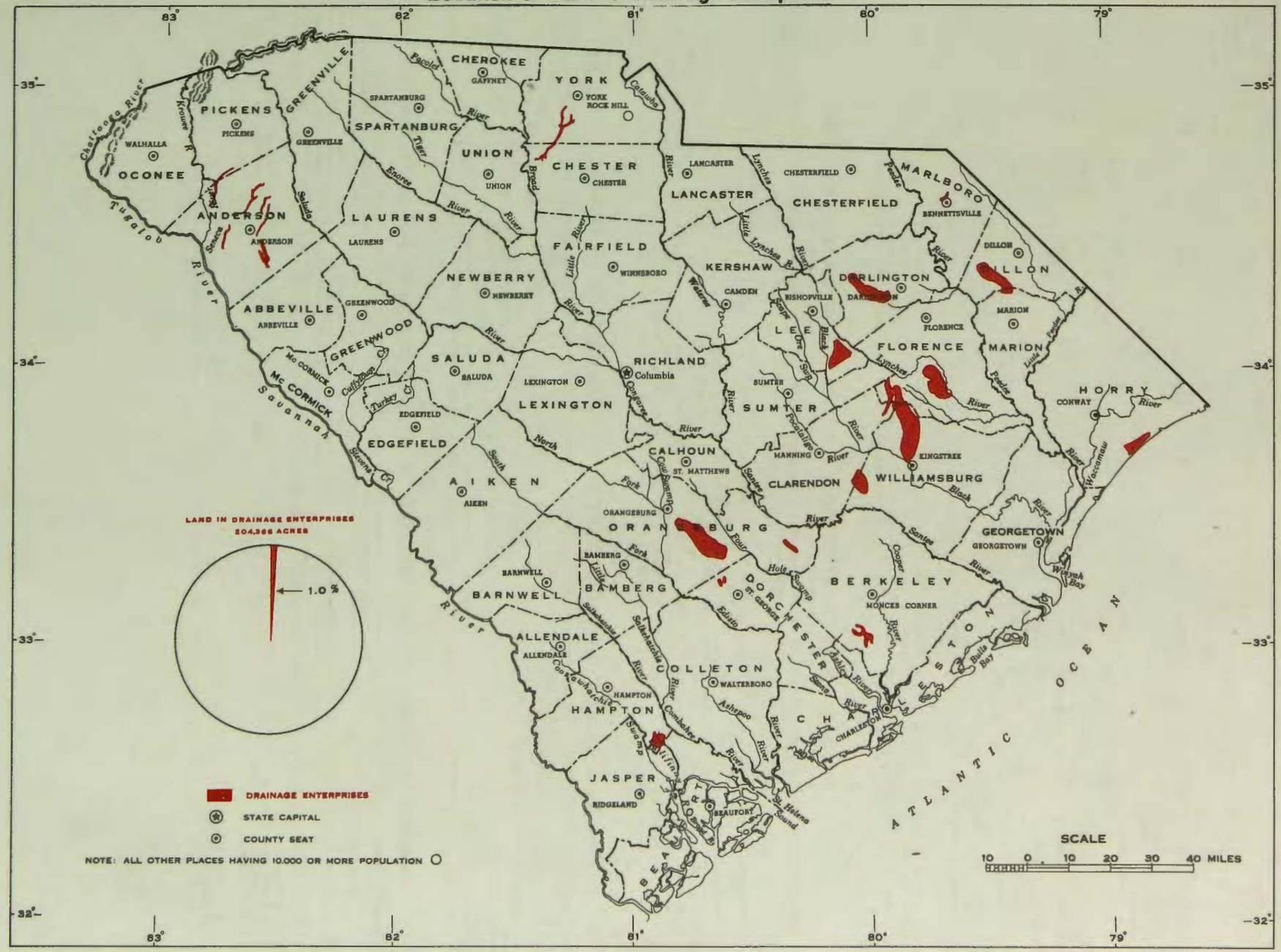
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Malheur	Marion[1]	Multnomah	Tillamook	Umatilla	Washington[1]	Other counties[2]
	DRAINAGE WORKS								
1	Drainage enterprises	number 1940	17	2	6	6	3	1	.....
	Open ditches:								
2	Completed	miles 1940	158.7	11.0	87.2	14.5	35.1	6.5	.....
3		1930	42.2	5.5	77.0	8.8	17.6	6.0	10.0
4		1920	.....	.....	.....	.....	.....	.....	.....
5	Additional length authorized	miles 1940	10.0	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed	miles 1940	37.1	.....	2.0	.....	1.5	.....	.....
7		1930	30.0	.....	2.0	.....	0.8	.....	.....
8		1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed	miles 1940	.....	.....	23.8	1.9	.....	.....	.....
11		1930	.....	.....	22.5	0.1	.....	.....	4.2
12		1920	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity	horsepower 1940	33	.....	1,385	.....	.....	.....	.....
15		1930	16	.....	952	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	3,473	.....	208,900	.....	.....	.....	.....
18		1930	1,800	.....	251,000	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	1,366	.....	11,684	.....	.....	.....	.....
21		1930	4,000	.....	12,386	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	3	.....	7	.....	.....	.....	.....
24		1930	1	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1	dollars 1940	978,163	6,616	946,559	33,800	203,900	27,000	.....
26		1930	529,789	2,216	887,425	24,975	110,800	24,000	52,100
27		1920	200,000	.....	.....	.....	.....	.....	.....
28	Estimated cost when completed	dollars 1940	1,001,663	6,616	946,559	33,800	203,900	27,000	.....
29		1930	549,789	2,216	947,425	24,975	110,800	24,000	53,100
30		1920	200,000	.....	.....	.....	.....	.....	.....
31	Average cost per acre when completed	dollars 1940	7.13	16.14	75.78	14.71	8.49	8.54	.....
32		1930	24.88	11.08	75.76	16.75	11.72	16.00	4.62
33		1920	50.00	.....	.....	.....	.....	.....	.....
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only	dollars	389,709	6,616	3,500	22,100	118,038	27,000	.....
35	Average amount per acre	dollars	13.79	16.14	43.21	14.46	6.25	8.54	.....
36	Enterprises having open ditches and levees	dollars	.....	.....	1,400	11,700	.....	.....	.....
37	Average amount per acre	dollars	.....	.....	9.79	15.21	.....	.....	.....
38	Enterprises having tile only	dollars	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	338,787	.....	.....	.....	85,862	.....	.....
43	Average amount per acre	dollars	3.36	.....	.....	.....	16.76	.....	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars	273,167	.....	941,659	.....	.....	.....	.....
47	Average amount per acre	dollars	23.55	.....	76.77	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants	dollars	5,271	.....	24,688	.....	.....	.....	.....
49	Enterprises reporting	number	3	.....	4	.....	.....	.....	.....
50	Land in these enterprises	acres	11,597	.....	12,266	.....	.....	.....	.....
51	Average cost per acre	dollars	0.45	.....	2.01	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	7,114	120	(4)	983	(4)	350	.....
53	Enterprises reporting	number	5	2	2	5	1	1	.....
54	Land in these enterprises	acres	39,396	410	(4)	1,992	(4)	3,161	.....
55	Average cost per acre	dollars	0.18	0.29	(4)	0.49	(4)	0.11	.....
	Federal aid in maintenance:								
56	Enterprises reporting	number	4	1	4	4	2	.....	.....
57	Land in these enterprises	acres	65,689	214	10,791	1,384	(4)	.....	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939	dollars	17,603	411	64,447	1,313	.....	497	.....
59	Enterprises reporting	number	6	2	4	5	.....	1	.....
60	Land in these enterprises	acres	16,543	410	10,034	1,939	.....	3,161	.....
61	Average amount collected per acre	dollars	1.06	1.00	6.42	0.68	.....	0.16	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	8,259	25	(5)	.....	.....	.....	.....
63	Enterprises reporting	number	4	1	1	.....	.....	.....	.....
64	Land in these enterprises	acres	14,437	196	(5)	.....	.....	.....	.....
65	Portion delinquent in these enterprises	percent	57.2	12.8	(5)	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars	133,915	100	289,912	943	.....	.....	.....
67	Enterprises reporting	number	6	1	4	3	.....	.....	.....
68	Land in these enterprises	acres	44,853	196	11,447	1,361	.....	.....	.....
69	Average indebtedness per acre	dollars	2.98	0.51	25.33	0.69	.....	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars	45,080	.....	(4)	.....	.....	.....	.....
71	Enterprises reporting	number	3	.....	2	.....	.....	.....	.....
72	Land in these enterprises	acres	8,551	.....	(4)	.....	.....	.....	.....
73	Average arrearage per acre	dollars	5.27	.....	(4)	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars	(4)	.....	(4)	.....	(4)	.....	.....
75	Enterprises reporting	number	2	.....	2	.....	1	.....	.....
76	Land in these enterprises	acres	(4)	.....	(4)	.....	(4)	.....	.....
77	Average reduction per acre	dollars	(4)	.....	(4)	.....	(4)	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Benton and Clatsop Counties in 1930. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [5] Data for 1 enterprise in Multnomah County included in data for Columbia County.

SOUTH CAROLINA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	19,580,160	19,516,800	19,516,800	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	204,366	208,249	140,031	-3,883	-1.9	68,218	48.7
Improved.....acres.....	111,815	75,592	59,075	36,223	47.9	16,517	28.0
Unimproved:							
Timber and cut-over.....acres.....	92,343	120,313	64,955	-27,970	-23.2	55,358	85.2
Other.....acres.....	208	12,344	16,001	-12,136	-98.3	-3,657	-22.8
Drainage sufficient for normal crop.....acres.....	200,866	139,587	(1)	61,279	43.9	.....	.....
Partly drained, for partial crop.....acres.....	2,000	35,660	(1)	-33,660	-94.4	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	1,500	33,002	[2]18,206	-31,502	-95.4	14,796	81.3
In occupied farms.....acres.....	202,002	94,744	(1)	107,258	113.2	.....	.....
In planted crops.....acres.....	91,351	61,606	(1)	29,745	48.3	.....	.....
Idle.....acres.....	110,851	126,396	(1)	-15,545	-12.3	.....	.....
Available for settlement.....acres.....	.....	71,834	(1)	-71,834	-100.0	.....	.....
Open ditches, completed.....miles.....	459.9	423.0	262.7	36.9	8.7	160.3	61.0
Tile drains, completed.....miles.....	.....	150.0	101.5	-150.0	-100.0	48.5	47.8
Drainage pumping plants, capacity.....horsepower....	.....	.....	155	.....	.....	-155	-100.0
gal. per min..	.....	.....	44,600	.....	.....	-44,600	-100.0
Capital invested in enterprises.....dollars.....	1,241,300	1,265,276	582,183	-23,976	-1.9	683,093	117.3
Average per acre.....dollars.....	6.07	6.08	4.16	-0.01	-0.2	1.92	46.2

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES			SIZE	AREA OF ENTERPRISES		
	1940	1930	1920		1940	1930	1920
	Acres	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*
All enterprises.....	204,366	208,249	140,031	1,000 to 1,999 acres.....	7,736	27,109	19,793
				2,000 to 4,999 acres.....	18,024		
Less than 100 acres.....	40	39	40	5,000 to 9,999 acres.....	56,398	44,628	20,400
100 to 199 acres.....	.....	.....		10,000 to 19,999 acres.....	40,253	132,322	40,000
200 to 499 acres.....	.....	496	.....	20,000 to 49,999 acres.....	76,457		
500 to 999 acres.....	5,458	3,655	2,198	50,000 to 99,999 acres.....	.....	.....	57,600

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	204,366	100.0	1,241,300	100.0
Drainage districts.....	182,426	89.3	1,108,000	89.3
Individually owned projects.....	21,940	10.7	133,300	10.7

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	204,366	100.0	208,249	100.0	[1]140,031	100.0	1,241,300	100.0	1,265,276	100.0	[1]582,183	100.0
Gravity drainage only by—												
Open ditches.....	204,366	100.0	207,049	99.4	130,831	93.4	1,241,300	100.0	1,130,276	89.3	319,183	54.8
Open ditches and tile drains...	.....	.....	1,200	0.6	9,200	6.6	.....	.....	135,000	10.7	263,000	45.2
All or part by pumping.....	.....	.....	.....	.....	[2]	.....	.....	.....	.....	.....	[2]	.....
Total area served by pumps.....	.....	.....	.....	.....	2,940	2.1	.....	.....	.....	.....	.....	.....

[1] Includes 2 enterprises operating drainage pumps.

[2] Undetermined amount included with gravity drainage.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	204,366	100.0	208,249	100.0	1,241,300	100.0	1,265,276	100.0	101,358	73,789
Enterprises in arrears	77,087	37.7	63,403	30.4	646,500	52.1	454,215	35.9	69,158	36,150
With some delinquent land	75,697	37.0	54,403	26.1	640,384	51.6	365,515	28.9	69,158	36,150
With no delinquent land	1,390	0.7	.....	.....	6,116	0.5	.....	.....	.....	.....
With no report on delinquency	.....	.....	9,000	4.3	.....	.....	88,700	7.0	.....	.....
Enterprises not in arrears	127,279	62.3	144,846	69.6	594,800	47.9	811,061	64.1	32,200	37,639
With some delinquent land	43,593	21.3	74,642	35.9	179,000	14.4	367,311	29.0	32,200	37,639
With no delinquent land	83,686	40.9	70,204	33.7	415,800	33.5	443,750	35.1	.....	.....

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	204,366	1,241,300	636,250	372,150	88,500	101,358	24,849
Enterprises in debt	182,426	1,108,000	636,250	372,150	88,500	101,358	24,849
In arrears, amount of arrearage stated	77,087	646,500	408,750	372,150	8,000	69,158	2,900
Collecting drainage taxes in 1939	9,500	52,582	40,000	26,000	8,000	9,500	2,900
No collections reported	67,587	593,918	368,750	346,150	.....	59,658	.....
Not in arrears	105,339	461,500	227,500	.....	80,500	32,200	21,949
Collecting drainage taxes in 1939	105,339	461,500	227,500	.....	80,500	32,200	21,949
Enterprises not in debt	21,940	133,300	.....	.....	.....	.....	.....
No collections reported	21,940	133,300	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	204,366	100.0	1,241,300	100.0
Improvement of land already in farms	[1] 197,366	96.6	1,191,300	96.0
Reclamation of swamp land not previously in farms	7,000	3.4	50,000	4.0

[1] It is probable that, when the enterprises were organized, a considerable portion of this acreage was swamp land not previously farmed although forming parts of large plantations.

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises[1]		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	204,366	100.0	1,241,300	100.0
1910-1914	7,775	3.8	69,500	5.6
1915-1919	66,520	32.5	537,418	43.3
1920-1924	64,964	31.8	317,800	25.6
1925-1929	65,107	31.9	316,582	25.5

[1] No overlapping of enterprises reported in South Carolina.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	204,366	200,866	98.3	2,000	1,500	111,815	54.7	92,343	208	202,002	98.8	91,351	110,851	.....
1910-1914	7,775	6,775	87.1	1,000	.....	3,600	46.3	4,175	.....	7,775	100.0	1,500	4,225	.....
1915-1919	66,520	66,520	100.0	.....	.....	34,475	51.8	31,837	208	66,520	100.0	20,320	46,200	.....
1920-1924	64,964	62,464	96.2	1,000	1,500	31,867	49.1	33,097	.....	62,850	96.7	30,231	34,619	.....
1925-1929	65,107	65,107	100.0	.....	.....	41,873	64.3	23,234	.....	64,857	99.6	39,300	25,807	.....

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	204,366	204,366	5,600	198,766	800	(1)	0.14
Gravity drainage only:							
Open ditches only	204,366	204,366	5,600	198,766	800	(1)	0.14

[1] Less than 1 cent per acre.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	204,366	100.0	1,241,300	100.0
Method, "none," or not reporting	204,366	100.0	1,241,300	100.0
Whether systematic:				
Reporting "yes"	5,600	2.7	25,000	2.0
Reporting "no"	198,766	97.3	1,216,300	98.0

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	67,481	334,000	129.0	.....	.....
Work Projects Administration	67,481	334,000	129.0	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Anderson	Berkeley[1]	Clarendon	Darlington[1]	Florence	Hampton[1]	Lee[1]	Other counties[2]
	LAND AREA									
1	Approximate land area.....acres....1940..	19,580,160	496,640	776,960	444,160	348,800	515,200	359,680	261,760	4,852,480
2	Drainage enterprises.....number...1940..	[3] 32	6	1	3	2	4	1	1	14
3	Land in enterprises.....acres....1940..	204,366	8,564	7,000	7,267	18,350	28,166	5,600	14,377	115,042
4	1930..	208,249	3,217	6,000	7,457	18,586	30,642	([4])	([4])	142,347
5	1920..	140,031	([4])	([4])	4,300	.....	.....	([4])	.....	135,731
6	Area of all enterprises, overlapping included.....acres....1940..	204,366	8,564	7,000	7,267	18,350	28,166	5,600	14,377	115,042
7	Amount of overlapping.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	200,866	8,564	6,000	7,267	18,350	28,166	5,600	14,377	112,542
9	1930..	139,587	.....	3,500	3,230	17,428	20,622	([4])	([4])	94,807
10	Increase or decrease (-), 1930-1940.....acres.....	61,279	8,564	2,500	4,037	922	7,544	.....	.....	17,735
11	percent.....	43.9	.....	71.4	125.0	5.3	36.6	.....	.....	18.7
12	Land undrained, unfit for any crop.....acres....1940..	1,500	.....	.....	.....	.....	.....	.....	.....	1,500
13	1930..	33,002	3,217	2,500	2,631	.....	5,756	([4])	([4])	18,898
14	Increase or decrease (-), 1930-1940.....acres.....	-31,502	-3,217	-2,500	-2,631	.....	-5,756	.....	.....	-17,398
15	percent.....	-95.4	-100.0	-100.0	-100.0	.....	-100.0	.....	.....	-92.1
16	Land partly drained, for partial crop.....acres....1940..	2,000	.....	1,000	.....	.....	.....	.....	.....	1,000
17	1930..	35,660	.....	.....	1,596	1,158	4,264	([4])	.....	28,642
18	Increase or decrease (-), 1930-1940.....acres.....	-33,660	.....	1,000	-1,596	-1,158	-4,264	.....	.....	-27,642
19	percent.....	-94.4	.....	.....	-100.0	-100.0	-100.0	.....	.....	-96.5
20	Improved land.....acres....1940..	111,815	5,440	3,000	4,350	10,221	20,123	2,600	8,500	57,581
21	1930..	75,592	.....	3,500	1,750	9,700	10,250	([4])	([4])	50,392
22	1920..	59,075	([4])	([4])	344	.....	.....	([4])	.....	58,731
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	92,343	3,124	4,000	2,917	8,129	8,043	3,000	5,877	57,253
24	1930..	120,313	3,217	2,500	4,716	8,596	14,561	.....	([4])	86,723
25	1920..	64,955	([4])	([4])	3,956	.....	.....	([4])	.....	60,999
26	Other unimproved land.....acres....1940..	208	.....	.....	.....	.....	.....	.....	.....	208
27	1930..	12,344	.....	.....	991	290	5,831	([4])	.....	5,232
28	1920..	16,001	([4])	([4])	.....	.....	.....	([4])	.....	16,001
29	Land in occupied farms.....acres....1940..	202,002	8,564	7,000	7,267	18,350	28,166	5,600	14,127	112,928
30	1930..	94,744	.....	250	2,962	17,878	19,700	([4])	([4])	53,954
31	Increase or decrease (-), 1930-1940.....acres.....	107,258	8,564	6,750	4,305	472	8,466	.....	.....	58,974
32	percent.....	113.2	.....	([5])	145.3	2.6	43.0	.....	.....	109.3
33	Land in planted crops.....acres....1940..	91,351	4,740	1,000	3,650	9,200	18,750	2,600	8,500	42,911
34	1930..	61,606	.....	250	1,300	7,000	8,875	([4])	([4])	44,181
35	Increase or decrease (-), 1930-1940.....acres.....	29,745	4,740	750	2,350	2,200	9,875	.....	.....	-1,270
36	percent.....	48.3	.....	300.0	180.8	31.4	111.3	.....	.....	-2.9
37	Land idle.....acres....1940..	110,851	3,774	4,000	3,617	9,150	9,416	3,000	5,877	72,017
38	1930..	126,396	3,217	5,750	4,608	11,528	16,095	.....	([4])	85,198
39	Increase or decrease (-), 1930-1940.....acres.....	-15,545	557	-1,750	-991	-2,378	-6,679	3,000	.....	-13,181
40	percent.....	-12.3	17.3	-30.4	-21.5	-20.6	-41.5	.....	.....	-15.5
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	1930..	71,834	.....	3,500	.....	.....	6,242	.....	([4])	62,092
43	Increase or decrease (-), 1930-1940.....acres.....	-71,834	.....	-3,500	.....	.....	-6,242	.....	.....	-62,092
44	percent.....	-100.0	.....	-100.0	.....	.....	-100.0	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	204,366	8,564	7,000	7,267	18,350	28,166	5,600	14,377	115,042
46	Length of these ditches.....miles.....	459.9	64.5	12.0	17.0	40.0	70.8	32.0	19.0	204.6
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Chester, Dillon, Dorchester, Horry, Marion, Marlboro, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1940; Bamberg, Chester, Dillon, Dorchester, Hampton, Horry, Lee, Marlboro, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1930; and Anderson, Beaufort, Berkeley, Charleston, Colleton, Dorchester, Hampton, Horry, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1920.
[3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 24.
[4] Included in "Other counties."
[5] Percent not shown when more than 1,000.

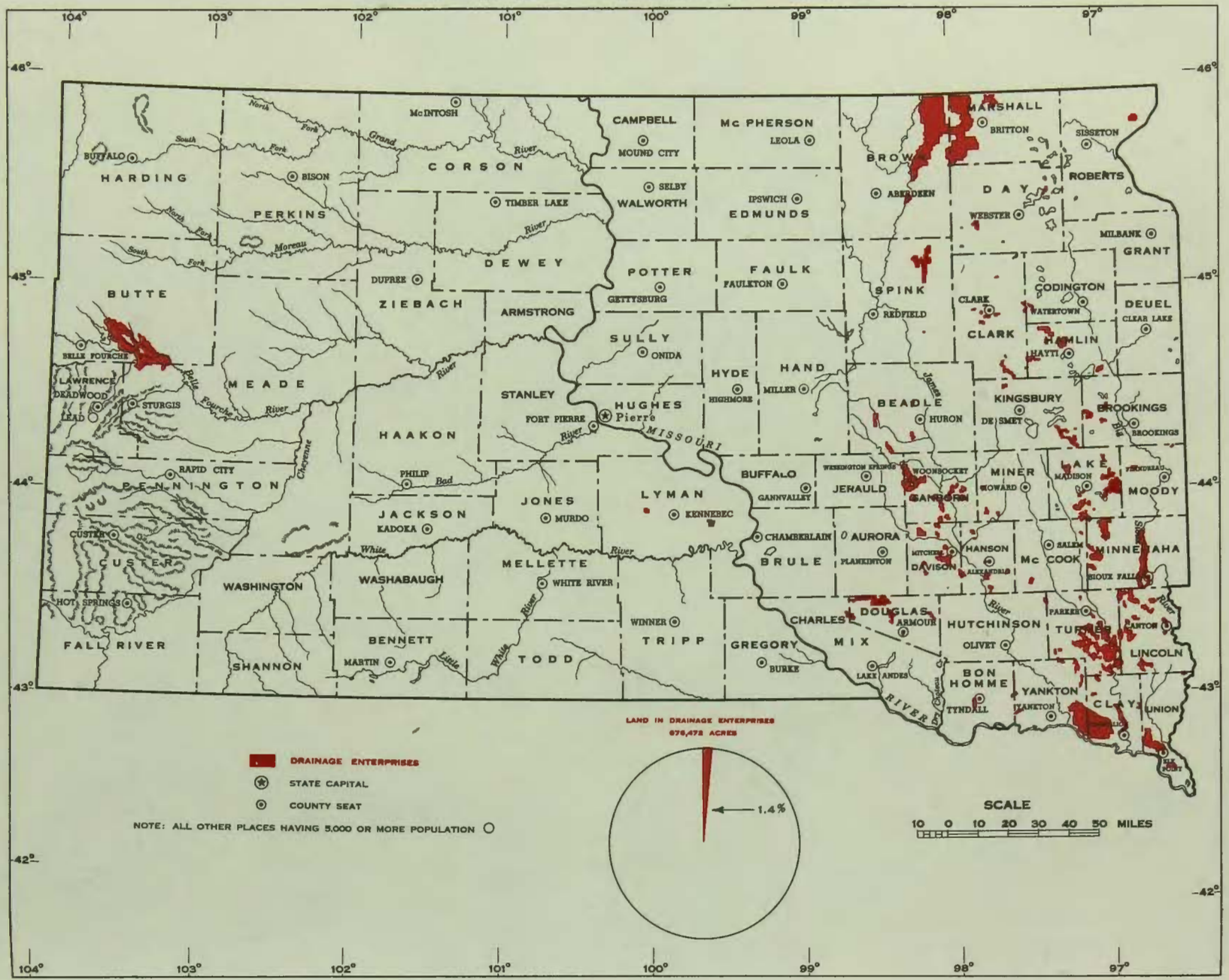
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Anderson	Berkeley[1]	Clarendon	Darlington[1]	Florence	Hampton[1]	Lee[1]	Other counties[2]
	DRAINAGE WORKS											
1	Drainage enterprises	number	1940	[3] 32	6	1	3	2	4	1	1	14
	Open ditches:											
2	Completed	miles	1940	459.9	64.5	12.0	17.0	40.0	70.8	32.0	19.0	204.6
3			1930	423.0	36.7	5.0	9.5	38.6	40.5	[4]	[4]	292.7
4			1920	262.7	[4]	[4]	2.4	.....	.....	[4]	.....	260.3
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:											
6	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
7			1930	150.0	.....	.....	.....	.....	.....	[4]	.....	150.0
8			1920	101.5	[4]	[4]	.....	.....	.....	[4]	.....	101.5
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:											
10	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
11			1930	11.0	.....	.....	.....	.....	.....	[4]	.....	11.0
12			1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:											
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
16			1920	155	[4]	[4]	.....	.....	.....	[4]	.....	155
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
19			1920	44,600	[4]	[4]	.....	.....	.....	[4]	.....	44,600
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
22			1920	2,940	[4]	[4]	.....	.....	.....	[4]	.....	2,940
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED											
25	Capital invested to January 1	dollars	1940	1,241,300	196,767	50,000	35,526	114,500	147,971	25,000	65,000	606,536
26			1930	1,265,276	96,853	84,750	31,750	114,000	95,000	[4]	[4]	842,923
27			1920	582,183	[4]	[4]	4,000	.....	.....	[4]	.....	578,183
28	Estimated cost when completed	dollars	1940	1,241,300	196,767	50,000	35,526	114,500	147,971	25,000	65,000	606,536
29			1930	1,333,276	96,853	84,750	31,750	114,000	161,000	[4]	[4]	844,923
30			1920	936,514	[4]	[4]	12,000	.....	.....	[4]	.....	924,514
31	Average cost per acre when completed	dollars	1940	6.07	22.97	7.14	4.88	6.23	5.25	4.46	4.52	5.27
32			1930	6.40	30.11	14.12	4.26	6.13	5.25	[4]	[4]	5.94
33			1920	6.69	[4]	[4]	2.79	.....	.....	[4]	.....	6.81
	Invested in and required for completion, 1940:											
34	Enterprises having open ditches only	dollars		1,241,300	196,767	50,000	35,526	114,500	147,971	25,000	65,000	606,536
35	Average amount per acre	dollars		6.07	22.97	7.14	4.88	6.23	5.25	4.46	4.52	5.27
36	Enterprises having open ditches and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION											
	Cost of maintenance and operation in 1939:											
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		800	.....	.....	.....	.....	.....	800	.....	.....
53	Enterprises reporting	number		1	.....	.....	.....	.....	.....	1	.....	.....
54	Land in these enterprises	acres		5,600	.....	.....	.....	.....	.....	5,600	.....	.....
55	Average cost per acre	dollars		0.14	.....	.....	.....	.....	.....	0.14	.....	.....
	Federal aid in maintenance:											
56	Enterprises reporting	number		4	.....	.....	.....	1	.....	.....	1	2
57	Land in these enterprises	acres		67,481	.....	.....	.....	[4]	.....	.....	[4]	[5] 67,481
	FINANCIAL CONDITION											
58	Drainage taxes collected in 1939	dollars		24,849	.....	.....	[4]	2,600	7,009	.....	3,600	[5] 11,640
59	Enterprises reporting	number		12	.....	.....	2	1	3	.....	1	5
60	Land in these enterprises	acres		114,839	.....	.....	[4]	7,221	22,623	.....	14,377	[5] 70,816
61	Average amount collected per acre	dollars		0.21	.....	.....	[4]	0.36	0.30	.....	0.25	[5] 0.16
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		101,358	7,724	.....	.....	11,129	[4]	.....	.....	[5] 82,505
63	Enterprises reporting	number		16	5	.....	.....	1	2	.....	.....	8
64	Land in these enterprises	acres		119,290	7,724	.....	.....	11,129	[4]	.....	.....	[5] 100,407
65	Portion delinquent in these enterprises	percent		85.0	100.0	.....	.....	100.0	[4]	.....	.....	[5] 82.1
66	Total indebtedness, Dec. 31, 1939	dollars		636,250	123,000	.....	18,600	56,000	80,000	.....	24,000	334,650
67	Enterprises reporting	number		26	5	.....	3	2	4	.....	1	11
68	Land in these enterprises	acres		182,426	7,724	.....	7,267	18,350	28,166	.....	14,377	106,542
69	Average indebtedness per acre	dollars		3.48	15.92	.....	2.55	3.05	2.84	.....	1.66	3.14
70	Indebtedness in arrears, Dec. 31, 1939	dollars		372,150	123,000	.....	[4]	22,000	[4]	.....	.....	[5] 227,150
71	Enterprises reporting	number		15	5	.....	1	1	2	.....	.....	6
72	Land in these enterprises	acres		77,087	7,724	.....	[4]	11,129	[4]	.....	.....	[5] 58,234
73	Average arrearage per acre	dollars		4.82	15.92	.....	[4]	1.97	[4]	.....	.....	[5] 3.90
74	Reduction of debt by refinancing, prior to 1940	dollars		88,500	.....	.....	.....	.....	[4]	.....	26,000	[5] 62,500
75	Enterprises reporting	number		5	.....	.....	.....	.....	1	.....	1	3
76	Land in these enterprises	acres		80,721	.....	.....	.....	.....	[4]	.....	14,377	[5] 66,344
77	Average reduction per acre	dollars		1.09	.....	.....	.....	.....	[4]	.....	1.80	[5] 0.94

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Chester, Dillon, Dorchester, Horry, Marion, Marlboro, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1940; Bamberg, Chester, Dillon, Dorchester, Hampton, Horry, Lee, Marlboro, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1930; and Anderson, Beaufort, Berkeley, Charleston, Colleton, Dorchester, Hampton, Horry, Oconee, Orangeburg, Pickens, Williamsburg, and York Counties in 1920. [3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 31. [4] Included in "Other counties." [5] Includes data for counties indicated by footnote 4 in addition to counties named in footnote 2.

SOUTH DAKOTA

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres....	48,983,040	49,195,520	49,195,520	.....	.....	.....	.....
Land in drainage enterprises.....acres....	676,472	697,758	222,062	-21,286	-3.0	475,696	214.2
Improved.....acres....	652,922	661,540	178,540	-8,618	-1.3	483,000	270.5
Unimproved:							
Timber and cut-over.....acres....	.....	588	4	-588	-100.0	584	[1]
Other.....acres....	23,550	35,630	43,518	-12,080	-33.9	-7,888	-18.0
Drainage sufficient for normal crop.....acres....	666,936	614,210	[2]	52,726	8.6	.....	.....
Partly drained, for partial crop.....acres....	6,376	56,947	[2]	-50,571	-88.8	.....	.....
Unfit to raise any crop for lack of drainage.....acres....	3,160	26,601	[3] 6,067	-23,441	-88.1	20,534	338.5
In occupied farms.....acres....	647,173	684,746	[2]	-37,573	-5.5	.....	.....
In planted crops.....acres....	526,407	567,285	[2]	-40,878	-7.2	.....	.....
Idle.....acres....	118,654	51,905	[2]	66,749	128.6	.....	.....
Available for settlement.....acres....	15,140	13,000	[2]	2,140	16.5	.....	.....
Open ditches, completed.....miles....	840.7	854.4	237.8	-13.7	-1.6	616.6	259.3
Tile drains, completed.....miles....	335.8	315.3	179.3	20.5	6.5	136.0	75.9
Capital invested in enterprises.....dollars..	5,078,771	4,534,768	1,461,063	544,003	12.0	3,073,705	210.4
Average per acre.....dollars..	7.51	6.50	6.58	1.01	15.5	-0.08	-1.2

[1] More than 1,000 percent. [2] Not available. [3] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	711,572	697,758	234,201	676,472	1,000 to 1,999 acres.....	91,140	191,305	68,146	85,580
					2,000 to 4,999 acres.....	149,157			143,012
Less than 100 acres.....	240	348	519	230	5,000 to 9,999 acres.....	65,929	97,962	17,788	62,969
100 to 199 acres.....	800	872		560	10,000 to 19,999 acres.....	49,698	196,697	124,226	47,603
200 to 499 acres.....	10,055	10,635	10,027	9,975	20,000 to 49,999 acres.....	142,815			133,565
500 to 999 acres.....	37,250	33,181	13,495	35,450	50,000 to 99,999 acres.....	164,488	166,758	.....	157,528

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	676,472	100.0	5,078,771	100.0
County drains.....	603,966	89.3	4,349,256	85.6
Irrigation enterprises:				
Federal.....	72,506	10.7	729,515	14.4
Other.....	.....	.....	.....	.....

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	676,472	100.0	697,758	100.0	222,062	100.0	5,078,771	100.0	4,534,768	100.0	1,461,063	100.0
Gravity drainage only by—												
Open ditches.....	485,392	71.8	604,139	86.6	222,062	100.0	2,808,786	55.3	3,284,019	72.4	1,461,063	100.0
Tile drains.....	77,465	11.4	68,877	9.9			1,060,952	20.9	794,016	17.5		
Open ditches and tile drains..	113,615	16.8	24,742	3.5			1,209,033	23.8	456,733	10.1		
All or part by pumping.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	676,472	100.0	697,758	100.0	5,078,771	100.0	4,534,768	100.0	25,225	32,970
Enterprises in arrears	150,438	22.2	63,800	9.1	532,633	10.5	283,731	6.3	21,215	9,660
With some delinquent land	150,438	22.2	61,200	8.8	532,633	10.5	276,131	6.1	21,215	9,660
With no delinquent land	.....	.....	2,600	0.3	.....	.....	7,600	0.2	.....	.....
Enterprises not in arrears	526,034	77.8	633,958	90.9	4,546,138	89.5	4,251,037	93.7	4,010	23,310
With some delinquent land	31,940	4.8	136,574	19.6	493,629	9.7	686,653	15.1	4,010	23,310
With no delinquent land	494,094	73.0	422,418	60.5	4,052,509	79.8	3,020,687	66.6	.....	.....
With no report on delinquency	.....	.....	74,966	10.8	.....	.....	543,697	12.0	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, these areas are too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	676,472	5,078,771	1,132,904	91,800	118,410	25,225	40,740
Enterprises in debt	311,342	2,842,121	1,132,904	91,800	117,319	25,225	39,807
In arrears, amount of arrearage stated	150,438	532,633	107,300	91,800	19,636	21,215	3,124
Collecting drainage taxes in 1939	138,918	428,250	45,060	29,560	19,636	19,615	3,124
No collections reported	11,520	104,383	62,240	62,240	.....	1,600	.....
Not in arrears	160,904	2,309,488	1,025,604	.....	97,683	4,010	36,683
Collecting drainage taxes in 1939	81,858	1,479,701	243,889	.....	80,623	3,010	36,683
No collections reported	79,046	829,787	781,715	.....	17,060	1,000	.....
Enterprises not in debt	365,130	2,236,650	.....	.....	1,091	.....	933
Collecting drainage taxes in 1939	10,800	74,781	.....	.....	.....	.....	933
No collections reported	354,330	2,161,869	.....	.....	1,091	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	676,472	100.0	5,078,771	100.0	Removal of alkali or seepage from irrigation	72,506	10.7	729,515	14.4
Improvement of land already in farms	580,326	85.8	3,789,480	74.6	Reclamation of swamp land not previously in farms	.....	.....	.....	.....
Protection against overflow	23,640	3.5	559,776	11.0					

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	676,472	100.0	711,572	35,100	5,078,771	100.0
1905-1909	210,229	31.1	230,359	20,130	1,284,038	25.3
1910-1914	74,057	10.9	78,337	4,280	812,591	16.0
1915-1919	141,514	20.9	145,154	3,640	1,273,208	25.1
1920-1924	249,202	36.9	256,242	7,040	1,697,384	33.4
1925-1929	1,470	0.2	1,480	10	11,550	0.2

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	676,472	666,936	98.6	6,376	3,160	652,922	96.5	.....	23,550	647,173	95.7	526,407	118,654	15,140
1905-1909	210,229	210,229	100.0	.....	.....	210,229	100.0	.....	.....	204,159	97.1	170,622	33,537	.....
1910-1914	74,057	74,057	100.0	.....	.....	74,057	100.0	.....	.....	73,917	99.8	63,224	10,693	.....
1915-1919	141,514	141,514	100.0	.....	.....	141,514	100.0	.....	.....	140,434	99.2	117,039	23,206	.....
1920-1924	249,202	239,666	96.2	6,376	3,160	225,652	90.5	.....	23,550	227,193	91.2	174,192	51,078	15,140
1925-1929	1,470	1,470	100.0	.....	.....	1,470	100.0	.....	.....	1,470	100.0	1,330	140	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	676,472	676,472	104,146	572,326	2,311	(1)	0.02
Gravity drainage only	676,472	676,472	104,146	572,326	2,311	(1)	0.02
Open ditches only	483,232	483,232	23,176	460,056	115	(1)	(1)
Open ditches and levees	2,160	2,160	.....	2,160	.....	.....	.....
Tile drains only	77,465	77,465	4,920	72,545	329	(1)	0.07
Open ditches and tile drains	113,615	113,615	76,050	37,565	1,867	0.02	0.02
Pumping for all or part of drainage	.....	.....	.....	.....	.....	.....	.....

(1) Less than ½ cent per acre.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	676,472	100.0	5,078,771	100.0
Method:				
By district forces	636,912	94.2	5,008,197	98.6
"None," or not reporting	39,560	5.8	70,574	1.4
Whether systematic:				
Reporting "yes"	636,912	94.2	5,008,197	98.6
Reporting "no"	39,560	5.8	70,574	1.4

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises—acres	676,472	74,186	11.0
Capital invested—dollars	5,078,771	821,315	16.2
Drainage works:			
Open ditches—miles	840.7	208.8	24.8
Tile drains—miles	335.8	18.2	5.4
Levees—miles	7.4	.....	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)			THE STATE	Beadle	Brookings	Brown	Butte*	Clark	Clay
	LAND AREA									
1	Approximate land area	acres	1940	48,983,040	807,040	512,640	1,073,280	1,440,640	624,640	257,920
2	Drainage enterprises	number	1940	[1] 215	5	4	3	1	10	9
3	Land in enterprises	acres	1940	676,472	8,160	4,440	98,798	69,730	6,560	54,065
4			1930	697,758	17,840	1,440	103,230	72,000	7,520	62,564
5			1920	222,062	.....	1,200	.....	.....	.....	39,829
6	Area of all enterprises, overlapping included	acres	1940	711,572	8,320	6,560	105,758	69,730	6,640	62,205
7	Amount of overlapping	acres	1940	35,100	160	2,120	6,960	.....	80	8,140
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	666,936	8,160	4,440	98,798	63,530	6,560	54,065
9			1930	614,210	17,840	1,440	72,230	63,000	7,520	61,976
10	Increase or decrease (-), 1930-1940	acres		52,726	-9,680	3,000	26,568	530	-960	-7,911
11		percent		8.6	-54.3	208.3	36.8	0.8	-12.8	-12.8
12	Land undrained, unfit for any crop	acres	1940	3,160	.....	.....	.....	3,000	.....	.....
13			1930	26,601	.....	.....	10,500	8,000	.....	.....
14	Increase or decrease (-), 1930-1940	acres		-23,441	.....	.....	-10,500	-5,000	.....	.....
15		percent		-88.1	.....	.....	-100.0	-62.5	.....	.....
16	Land partly drained, for partial crop	acres	1940	6,376	.....	.....	.....	3,200	.....	.....
17			1930	56,947	.....	.....	20,500	1,000	.....	588
18	Increase or decrease (-), 1930-1940	acres		-50,571	.....	.....	-20,500	2,200	.....	-588
19		percent		-88.8	.....	.....	-100.0	220.0	.....	-100.0
20	Improved land	acres	1940	652,922	8,160	4,440	98,798	46,730	6,560	54,065
21			1930	661,540	17,840	1,440	92,730	64,000	7,520	61,976
22			1920	178,540	.....	1,080	.....	.....	.....	38,829
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	588	.....	.....	.....	.....	.....	588
25			1920	4	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	23,550	.....	.....	.....	23,000	.....	.....
27			1930	35,630	.....	.....	10,500	8,000	.....	.....
28			1920	43,518	.....	120	.....	.....	.....	1,000
29	Land in occupied farms	acres	1940	647,173	8,160	4,440	98,798	48,400	6,400	54,065
30			1930	684,746	17,840	1,440	103,230	59,000	7,520	62,564
31	Increase or decrease (-), 1930-1940	acres		-37,573	-9,680	3,000	-4,432	-10,600	-1,120	-8,499
32		percent		-5.5	-54.3	208.3	-4.3	-18.0	-14.9	-13.6
33	Land in planted crops	acres	1940	526,407	7,231	3,905	72,528	37,100	5,180	45,646
34			1930	567,285	16,056	1,000	91,472	46,000	6,686	57,541
35	Increase or decrease (-), 1930-1940	acres		-40,878	-8,825	2,905	-18,944	-8,900	-1,506	-11,895
36		percent		-7.2	-55.0	290.5	-20.7	-19.3	-22.5	-20.7
37	Land idle	acres	1940	118,654	929	535	26,270	11,200	1,220	8,419
38			1930	51,905	.....	.....	10,500	13,000	.....	588
39	Increase or decrease (-), 1930-1940	acres		66,749	929	535	15,770	-1,800	1,220	7,831
40		percent		128.6	.....	.....	150.2	-13.8	.....	[3]
41	Land available for settlement	acres	1940	15,140	.....	.....	.....	15,000	.....	.....
42			1930	13,000	.....	.....	.....	13,000	.....	.....
43	Increase or decrease (-), 1930-1940	acres		2,140	.....	.....	.....	2,000	.....	.....
44		percent		16.5	.....	.....	.....	15.4	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		483,232	8,160	4,240	98,798	.....	2,200	51,561
46	Length of these ditches	miles		557.5	13.0	8.4	50.9	.....	4.5	60.6
47	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		2,160	.....	.....	.....	.....	.....	.....
49	Length of these ditches	miles		16.0	.....	.....	.....	.....	.....	.....
50	Length of these levees	miles		7.4	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		77,465	.....	.....	.....	.....	4,360	824
53	Length of these tile	miles		246.8	.....	.....	.....	.....	11.3	1.7
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		113,615	.....	200	.....	69,730	.....	1,680
60	Length of these open ditches	miles		267.2	.....	0.3	.....	198.4	.....	2.8
61	Length of these tile	miles		89.0	.....	0.1	.....	7.1	.....	0.6
62	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres		.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....

*For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [1] Eliminating duplication of intercounty

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

Codington	Davison	Douglas	Hamlin	Hanson	Kingsbury	Lake	Lincoln	McCook	Marshall	Meade[4]	Miner	
442,240	276,480	278,400	332,800	275,840	524,160	365,440	368,640	369,280	560,000	2,218,240	365,440	1
3	9	6	6	7	3	17	22	3	5	1	3	2
2,360	15,700	19,553	13,880	8,495	7,640	25,700	32,271	2,080	94,640	2,776	2,800	3
250	12,960	22,970	19,030	7,469	5,519	22,277	23,680	789	82,224	2,500	233	4
(2)	6,138	7,120	(2)	3,640	1,930	28,240	.....	.....	47,520	.....	(2)	5
2,360	16,020	19,553	13,880	8,495	7,640	25,860	33,391	2,080	95,760	2,776	2,800	6
.....	320	.....	.....	.....	.....	160	1,120	.....	1,120	.....	.....	7
2,360	15,700	19,553	13,880	8,495	7,640	25,700	32,271	2,080	91,640	2,440	2,800	8
250	12,960	21,810	19,030	7,469	3,539	22,277	23,680	789	65,300	2,500	233	9
2,110	2,740	-2,257	-5,150	1,026	4,101	3,423	8,591	1,291	26,340	-60	2,567	10
844.0	21.1	-10.3	-27.1	13.7	115.9	15.4	36.3	163.6	40.3	-2.4	(3)	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160	.....	12
.....	.....	.....	.....	.....	940	.....	.....	.....	2,102	.....	.....	13
.....	.....	.....	.....	.....	-940	.....	.....	.....	-2,102	160	.....	14
.....	.....	.....	.....	.....	-100.0	.....	.....	.....	-100.0	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	3,000	176	.....	16
.....	.....	1,160	.....	.....	1,040	.....	.....	.....	14,822	.....	.....	17
.....	.....	-1,160	.....	.....	-1,040	.....	.....	.....	-11,822	176	.....	18
.....	.....	-100.0	.....	.....	-100.0	.....	.....	.....	-79.8	.....	.....	19
2,360	15,700	19,553	13,880	8,495	7,640	25,700	32,271	2,080	94,640	2,226	2,800	20
250	12,960	21,810	19,030	7,469	4,682	22,277	23,520	789	78,925	2,000	233	21
(2)	5,463	4,984	(2)	3,071	1,778	22,451	.....	.....	23,760	.....	(2)	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
(2)	.....	.....	(2)	.....	.....	.....	.....	.....	.....	.....	(2)	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	550	.....	26
.....	.....	1,160	.....	.....	837	.....	160	.....	3,299	500	.....	27
(2)	675	2,136	(2)	569	152	5,789	.....	.....	23,760	.....	(2)	28
1,760	15,560	19,473	13,800	7,895	7,640	25,700	32,271	1,440	94,640	2,630	2,740	29
250	12,960	22,970	19,030	7,469	5,519	22,277	23,680	789	82,222	2,500	233	30
1,510	2,600	-3,497	-5,230	426	2,121	3,423	8,591	651	12,418	130	2,507	31
604.0	20.1	-15.2	-27.5	5.7	38.4	15.4	36.3	82.5	15.1	5.2	(3)	32
1,560	12,750	14,360	12,340	6,380	6,840	22,475	27,954	1,200	78,340	2,200	1,840	33
225	7,600	20,248	17,127	6,791	4,430	18,642	22,474	590	67,185	2,000	152	34
1,335	5,150	-5,888	-4,787	-411	2,410	3,833	5,480	610	11,155	200	1,688	35
593.3	67.8	-29.1	-28.0	-6.0	54.4	20.6	24.4	103.4	16.6	10.0	(3)	36
200	2,810	3,380	1,460	1,515	800	3,225	4,317	240	16,300	430	900	37
.....	.....	.....	.....	.....	842	.....	.....	.....	9,617	500	.....	38
200	2,810	3,380	1,460	1,515	-42	3,225	4,317	240	6,683	-70	900	39
.....	.....	.....	.....	.....	-5.0	.....	.....	.....	69.5	-14.0	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	8,640	16,913	11,880	2,960	1,320	.....	17,240	.....	94,640	2,776	1,120	45
.....	10.0	42.5	21.4	6.4	1.5	.....	35.2	.....	40.8	10.4	2.9	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
2,360	7,060	.....	240	4,415	.....	15,660	12,306	2,080	.....	.....	1,680	52
8.0	14.5	.....	0.8	11.5	.....	68.8	53.8	5.2	.....	.....	2.1	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	2,640	1,760	1,120	6,320	10,040	2,725	.....	.....	.....	.....	59
.....	.....	4.3	3.2	1.1	29.4	6.6	7.9	.....	.....	.....	.....	60
.....	.....	0.3	1.0	0.4	4.7	36.6	0.7	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

enterprises, the number for the State is 202. The number of schedules tabulated is 215. [2] Included in "Other counties." [3] Percent not shown when more than 1,000.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Minnehaha	Moody	Sanborn	Turner	Union	Yankton	Other counties[1]
	LAND AREA								
1	Approximate land area	acres 1940	521,600	334,720	365,440	391,040	290,560	335,360	4,526,720
2	Drainage enterprises	number 1940	12	3	13	43	6	11	10
3	Land in enterprises	acres 1940	43,600	4,400	32,280	51,720	16,898	27,770	30,156
4		1930	42,378	5,008	35,050	59,620	.....	43,265	47,942
5		1920	21,444	6,000	9,700	32,270	.....	12,085	4,946
6	Area of all enterprises, overlapping included	acres 1940	46,905	4,400	32,600	57,240	16,898	33,545	30,156
7	Amount of overlapping	acres 1940	3,305	.....	320	5,520	.....	5,775	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres 1940	43,600	4,400	32,280	51,720	16,898	27,770	30,156
9		1930	42,378	5,008	35,050	50,344	.....	43,265	34,322
10	Increase or decrease (-), 1930-1940	acres	1,222	-608	-2,770	1,376	16,898	-15,495	-4,166
11		percent	2.9	-12.1	-7.9	2.7	.....	-35.8	-12.1
12	Land undrained, unfit for any crop	acres 1940	.....	.....	.....	.....	.....	.....	.....
13		1930	.....	.....	.....	3,559	.....	.....	1,500
14	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	-3,559	.....	.....	-1,500
15		percent	.....	.....	.....	-100.0	.....	.....	.....
16	Land partly drained, for partial crop	acres 1940	.....	.....	.....	.....	.....	.....	.....
17		1930	.....	.....	.....	5,717	.....	.....	12,120
18	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	-5,717	.....	.....	-12,120
19		percent	.....	.....	.....	-100.0	.....	.....	.....
20	Improved land	acres 1940	43,600	4,400	32,280	51,720	16,898	27,770	30,156
21		1930	42,378	5,008	34,250	50,046	.....	43,265	47,142
22		1920	20,083	5,400	9,700	25,347	.....	12,085	4,509
	Unimproved land:								
23	Woodland and cut-over land	acres 1940	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....
25		1920	.....	.....	.....	.....	.....	.....	[2] 4
26	Other unimproved land	acres 1940	.....	.....	.....	.....	.....	.....	.....
27		1930	.....	.....	800	9,574	.....	.....	800
28		1920	1,361	600	.....	6,923	.....	.....	433
29	Land in occupied farms	acres 1940	38,800	4,400	31,990	51,560	16,898	27,717	29,996
30		1930	42,378	5,008	35,050	59,620	.....	43,265	47,932
31	Increase or decrease (-), 1930-1940	acres	-3,578	-608	-3,060	-8,060	16,898	-15,548	-17,936
32		percent	-8.4	-12.1	-8.7	-13.5	.....	-35.9	-37.4
33	Land in planted crops	acres 1940	31,352	3,700	26,200	41,977	14,780	24,139	24,430
34		1930	33,518	4,500	19,690	45,362	.....	40,933	37,063
35	Increase or decrease (-), 1930-1940	acres	-2,166	-800	6,510	-3,385	14,780	-16,794	-12,633
36		percent	-6.5	-17.8	33.1	-7.5	.....	-41.0	-34.1
37	Land idle	acres 1940	7,169	700	5,790	9,583	2,118	3,578	5,566
38		1930	.....	.....	3,740	4,718	.....	200	8,200
39	Increase or decrease (-), 1930-1940	acres	7,169	700	2,050	4,865	2,118	3,378	-2,634
40		percent	.....	.....	54.8	103.1	.....	[3]	-32.1
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....
42		1930	.....	.....	.....	.....	.....	.....	.....
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	.....	.....	.....	.....
44		percent	.....	.....	.....	.....	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres	26,080	1,280	23,840	38,600	16,658	25,410	28,916
46	Length of these ditches	miles	24.4	3.5	36.1	78.3	41.0	29.3	36.4
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	2,160	.....	.....	.....
49	Length of these ditches	miles	.....	.....	.....	16.0	.....	.....	.....
50	Length of these levees	miles	.....	.....	.....	7.4	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	9,520	.....	7,000	7,560	240	920	1,240
53	Length of these tile	miles	15.3	.....	25.3	22.8	1.0	4.4	0.3
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	8,000	3,120	1,440	3,400	.....	1,440	.....
60	Length of these open ditches	miles	0.3	5.3	0.2	4.6	.....	2.8	.....
61	Length of these tile	miles	12.1	16.2	4.7	4.0	.....	0.5	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....

[1] Includes Bon Homme, Charles Mix, Day, Lyman, Roberts, and Spink Counties in 1940; Bon Homme, Day, Lyman, Roberts, and Spink Counties in 1930; and Codington, Grant, Hamlin, Miner, and Spink Counties in 1920.

[2] Not distributable by counties.

[3] Percent not shown when more than 1,000.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Beadle	Brookings	Brown	Butte[1]	Clark	Clay
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	[2] 215	5	4	3	1	10	9
	Open ditches:									
2	Completed	miles	1940	840.7	13.0	8.7	50.9	198.4	4.5	63.4
3			1930	854.4	29.2	5.0	46.5	80.0	8.5	89.2
4			1920	237.8	.....	4.3	.....	.....	.....	37.0
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles	1940	335.8	.....	0.1	.....	7.1	11.3	2.3
7			1930	315.3	9.6	.....	.....	.....	7.4	4.5
8			1920	179.3	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	7.4	.....	.....	.....	.....	.....	.....
11			1930	.....	.....	.....	.....	.....	.....	.....
12			1920	2.4	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	.....
15			1930	.....	.....	.....	.....	.....	.....	.....
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	.....
18			1930	.....	.....	.....	.....	.....	.....	.....
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	.....
21			1930	.....	.....	.....	.....	.....	.....	.....
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	5,078,771	6,496	12,832	228,653	692,540	35,665	697,981
26			1930	4,534,768	117,053	2,600	222,876	400,000	32,635	738,508
27			1920	1,461,063	.....	1,776	.....	.....	.....	333,136
28	Estimated cost when completed	dollars	1940	5,078,771	6,496	12,832	228,653	692,540	35,665	697,981
29			1930	4,784,768	117,053	2,600	222,876	650,000	32,635	738,508
30			1920	1,732,729	.....	1,776	.....	.....	.....	333,136
31	Average cost per acre when completed	dollars	1940	7.51	0.80	2.89	2.31	9.93	5.44	12.91
32			1930	6.86	6.56	1.80	2.16	9.03	4.34	11.80
33			1920	7.80	.....	1.48	.....	.....	.....	8.36
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		2,790,503	6,496	10,027	228,653	.....	8,112	680,496
35	Average amount per acre	dollars		5.77	0.80	2.36	2.31	.....	3.69	13.20
36	Enterprises having open ditches and levees	dollars		18,283	.....	.....	.....	.....	.....	.....
37	Average amount per acre	dollars		8.46	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars		1,060,952	.....	.....	.....	.....	27,553	5,251
39	Average amount per acre	dollars		13.70	.....	.....	.....	.....	6.32	6.37
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		1,209,033	.....	2,805	.....	692,540	.....	12,234
43	Average amount per acre	dollars		10.64	.....	14.02	.....	9.93	.....	7.28
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		2,311	.....	.....	.....	1,270	.....	([3])
53	Enterprises reporting	number		7	.....	.....	.....	1	.....	1
54	Land in these enterprises	acres		104,146	.....	.....	.....	69,730	.....	([3])
55	Average cost per acre	dollars		0.02	.....	.....	.....	0.02	.....	([3])
	Federal aid in maintenance:									
56	Enterprises reporting	number		1	.....	.....	.....	.....	.....	.....
57	Land in these enterprises	acres		([4])	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		40,740	.....	.....	([3])	.....	.....	([3])
59	Enterprises reporting	number		15	.....	.....	1	.....	.....	1
60	Land in these enterprises	acres		231,576	.....	.....	([3])	.....	.....	([3])
61	Average amount collected per acre	dollars		0.18	.....	.....	([3])	.....	.....	([3])
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		25,225	.....	.....	([3])	.....	.....	([3])
63	Enterprises reporting	number		12	.....	.....	2	.....	.....	1
64	Land in these enterprises	acres		182,378	.....	.....	([3])	.....	.....	([3])
65	Portion delinquent in these enterprises	percent		13.8	.....	.....	([3])	.....	.....	([3])
66	Total indebtedness, Dec. 31, 1939	dollars		1,132,904	.....	.....	([3])	692,540	.....	([3])
67	Enterprises reporting	number		20	.....	.....	2	1	.....	1
68	Land in these enterprises	acres		311,342	.....	.....	([3])	69,730	.....	([3])
69	Average indebtedness per acre	dollars		3.64	.....	.....	([3])	9.93	.....	([3])
70	Indebtedness in arrears, Dec. 31, 1939	dollars		91,800	.....	.....	([3])	.....	.....	.....
71	Enterprises reporting	number		6	.....	.....	2	.....	.....	.....
72	Land in these enterprises	acres		150,438	.....	.....	([3])	.....	.....	.....
73	Average arrearage per acre	dollars		0.61	.....	.....	([3])	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars		118,410	.....	.....	.....	.....	.....	.....
75	Enterprises reporting	number		9	.....	.....	.....	.....	.....	.....
76	Land in these enterprises	acres		31,533	.....	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars		3.76	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, the data are published only by written permission of each enterprise affected.
[2] Eliminating duplication of intercounty enterprises, the number for the State is 202. The number of schedules tabulated is 215.
[3] Where there are less than 3 enterprises reporting, data are included only in the State totals.
[4] Where there are less than 3 enterprises reporting in the State, data are not shown.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND

	ITEM (See definitions in Introduction)	Codington	Davison	Douglas	Hamlin	Hanson	Kingsbury	Lake
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	3	9	6	6	7	3	17
	Open ditches:							
2	Completed.....miles.....1940..	.....	10.0	46.8	24.6	7.5	30.9	6.6
3	1930..	7.5	16.0	30.8	21.2	2.7	38.2	8.7
4	1920..	(3)	22.8	11.5	(3)	0.8	32.1	9.5
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	8.0	14.5	0.3	1.8	11.9	4.7	105.4
7	1930..	3.1	7.5	.....	2.0	20.7	3.0	116.3
8	1920..	(3)	19.0	0.2	(3)	7.6	3.0	82.8
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	23,624	101,391	206,771	53,450	45,064	60,687	384,943
26	1930..	23,621	34,947	175,070	35,248	39,938	112,928	385,447
27	1920..	(3)	66,420	24,000	(3)	27,000	67,058	246,072
28	Estimated cost when completed.....dollars.....1940..	23,624	101,391	206,771	53,450	45,064	60,687	384,943
29	1930..	23,621	34,947	175,070	35,248	39,938	112,928	385,447
30	1920..	(3)	66,420	24,000	(3)	27,000	67,058	363,832
31	Average cost per acre when completed.....dollars.....1940..	10.01	6.46	10.57	3.85	5.30	7.94	14.98
32	1930..	94.48	2.70	7.62	1.85	5.35	20.46	17.30
33	1920..	(3)	10.82	3.37	(3)	7.42	34.75	12.88
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	.....	18,482	198,018	42,650	11,512	906	.....
35	Average amount per acre.....dollars..	.....	2.14	11.71	3.59	3.89	0.69	.....
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	23,624	82,909	.....	1,500	31,052	.....	184,840
39	Average amount per acre.....dollars..	10.01	11.74	.....	6.25	7.03	.....	11.80
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	8,753	9,300	2,500	59,781	200,103
43	Average amount per acre.....dollars..	.....	.....	3.32	5.28	2.23	9.46	19.93
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	.....	.....	.....	.....	(4)	.....
53	Enterprises reporting.....number...	.....	.....	.....	.....	.....	1	.....
54	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	(4)	.....
55	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	(4)	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	.....	.....	(4)	(4)	.....	(4)	3,531
59	Enterprises reporting.....number...	.....	.....	2	1	.....	1	3
60	Land in these enterprises.....acres....	.....	.....	(4)	(4)	.....	(4)	11,960
61	Average amount collected per acre.....dollars..	.....	.....	(4)	(4)	.....	(4)	0.30
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	(4)	.....	.....	.....	2,200
63	Enterprises reporting.....number...	.....	.....	1	.....	.....	.....	3
64	Land in these enterprises.....acres....	.....	.....	(4)	.....	.....	.....	6,980
65	Portion delinquent in these enterprises.....percent..	.....	.....	(4)	.....	.....	.....	31.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	.....	(4)	.....	.....	.....	129,993
67	Enterprises reporting.....number...	.....	.....	2	.....	.....	.....	4
68	Land in these enterprises.....acres....	.....	.....	(4)	.....	.....	.....	14,940
69	Average indebtedness per acre.....dollars..	.....	.....	(4)	.....	.....	.....	8.70
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	(4)	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	1	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	(4)	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	(4)	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	(4)	.....	.....	.....	59,879
75	Enterprises reporting.....number...	.....	.....	2	.....	.....	.....	4
76	Land in these enterprises.....acres....	.....	.....	(4)	.....	.....	.....	14,940
77	Average reduction per acre.....dollars..	.....	.....	(4)	.....	.....	.....	4.01

[1] For counties having less than 3 enterprises, the data are published only by written permission of each enterprise affected..

[2] Includes Bon Homme, Charles Mix, Day, Lyman, Roberts, and Spink Counties in 1940; Bon Homme, Day, Lyman, Roberts, and Spink Counties in 1930; and Codington, Grant, Hamlin, Miner, and Spink Counties in 1920.

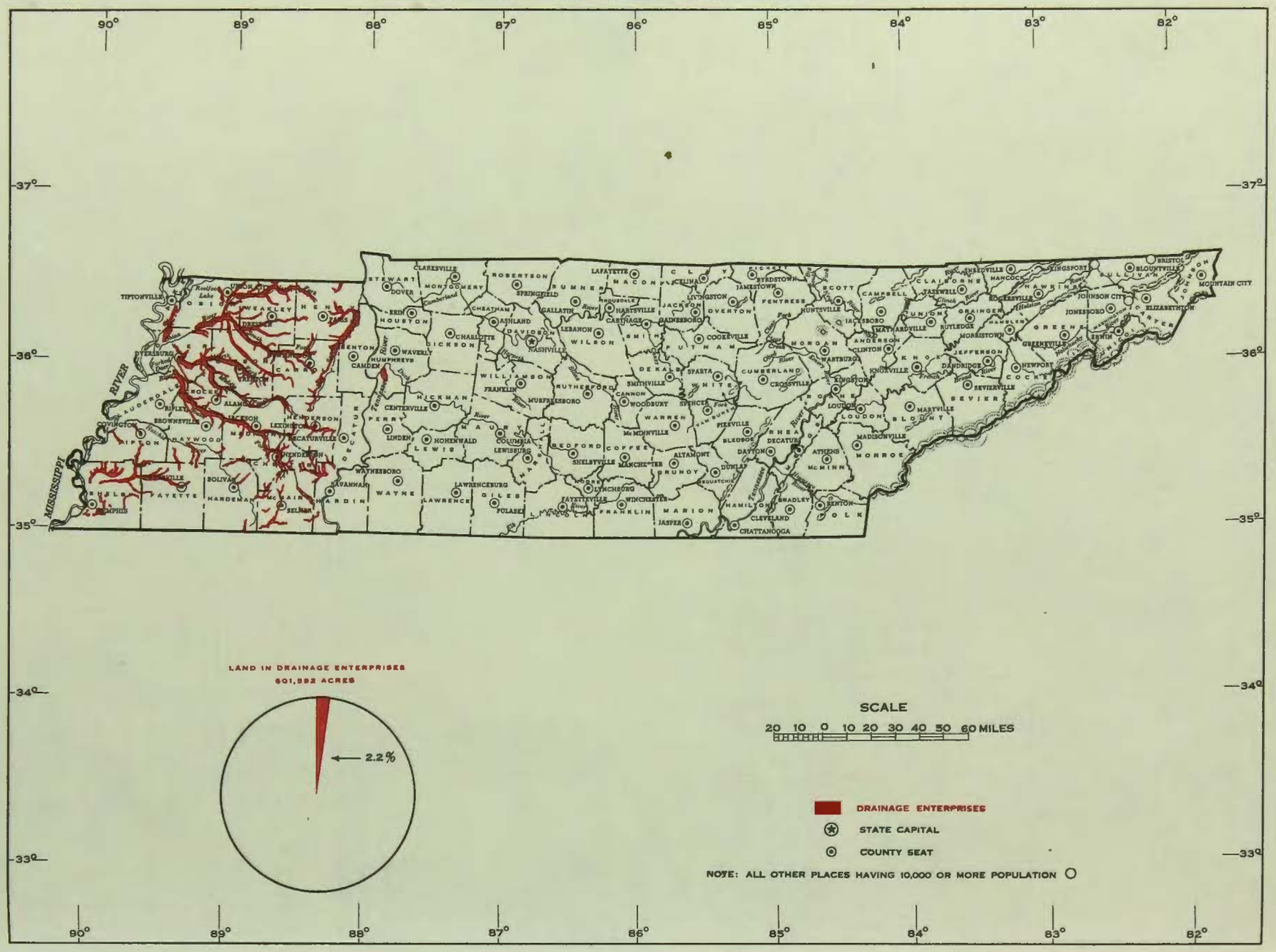
1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

Lincoln	McCook	Marshall	Meade[1]	Miner	Minnehaha	Moody	Sanborn	Turner	Union	Yankton	Other counties[2]	
22	3	5	1	3	12	3	13	43	6	11	10	1
43.1	.....	40.8	10.4	2.9	24.7	8.8	36.3	98.9	41.0	32.1	36.4	2
26.0	.....	48.5	7.0	3.0	23.0	7.3	61.0	211.3	.....	46.7	37.1	3
.....	.....	15.8	.....	(3)	14.6	4.0	.....	60.5	.....	6.7	18.2	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
54.5	5.2	.....	.....	2.1	27.4	16.2	30.0	26.8	1.0	4.9	0.3	6
48.8	8.5	.....	.....	1.0	12.3	15.0	27.0	11.1	.....	9.4	8.1	7
.....	.....	.....	.....	(3)	14.9	8.6	11.3	26.2	.....	.....	5.7	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	7.4	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	2.4	.....	.....	.....	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
356,132	23,777	334,320	36,975	7,175	774,615	76,829	208,493	220,838	77,536	335,105	76,879	25
327,796	25,348	296,501	20,000	7,052	615,347	58,334	144,403	252,859	.....	376,313	89,944	26
.....	.....	53,000	.....	(3)	301,436	36,581	50,000	162,774	.....	57,000	34,810	27
356,132	23,777	334,320	36,975	7,175	774,615	76,829	208,493	220,838	77,536	335,105	76,879	28
327,796	25,348	296,501	20,000	7,052	615,347	58,334	144,403	252,859	.....	376,313	89,944	29
.....	.....	96,906	.....	(3)	326,436	86,581	85,000	162,774	.....	57,000	34,810	30
11.04	11.43	3.53	13.32	2.56	17.77	17.46	6.46	4.27	4.59	12.07	2.55	31
13.84	32.13	3.61	8.00	30.27	14.52	11.65	4.12	4.24	.....	8.70	1.88	32
.....	.....	2.04	.....	(3)	15.22	14.43	8.76	5.04	.....	4.72	4.08	33
31,937	.....	334,320	36,975	1,637	575,101	2,472	40,098	111,737	76,419	300,977	73,478	34
1.85	.....	3.53	13.32	1.46	22.05	1.93	1.68	2.89	4.59	11.84	2.54	35
.....	.....	.....	.....	.....	.....	.....	.....	18,283	.....	.....	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	8.46	.....	.....	.....	37
314,496	23,777	.....	.....	5,538	103,492	.....	158,812	70,905	1,117	22,685	3,401	38
25.56	11.43	.....	.....	3.30	10.87	.....	22.69	9.38	4.65	24.66	2.74	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
9,699	.....	.....	.....	.....	96,022	74,357	9,583	19,913	.....	11,443	.....	42
3.56	.....	.....	.....	.....	12.00	23.83	6.65	5.86	.....	7.95	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
329	.....	.....	75	.....	.....	.....	.....	.....	.....	.....	.....	52
3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	53
4,920	.....	.....	2,776	.....	.....	.....	.....	.....	.....	.....	.....	54
0.07	.....	.....	0.03	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	(4)	.....	.....	.....	.....	.....	.....	57
.....	.....	(4)	.....	.....	(4)	(4)	(4)	.....	.....	(4)	.....	58
.....	.....	1	.....	.....	2	1	1	.....	.....	1	.....	59
.....	.....	(4)	.....	.....	(4)	(4)	(4)	.....	.....	(4)	.....	60
.....	.....	(4)	.....	.....	(4)	(4)	(4)	.....	.....	(4)	.....	61
.....	.....	(4)	.....	.....	(4)	.....	(4)	.....	.....	.....	.....	62
.....	.....	2	.....	.....	1	.....	2	.....	.....	.....	.....	63
.....	.....	(4)	.....	.....	(4)	.....	(4)	.....	.....	.....	.....	64
.....	.....	(4)	.....	.....	(4)	.....	(4)	.....	.....	.....	.....	65
.....	.....	(4)	36,975	.....	(4)	(4)	69,407	.....	.....	(4)	.....	66
.....	.....	2	1	.....	2	1	3	.....	.....	1	.....	67
.....	.....	(4)	2,776	.....	(4)	(4)	9,720	.....	.....	(4)	.....	68
.....	.....	(4)	13.32	.....	(4)	(4)	7.14	.....	.....	(4)	.....	69
.....	.....	(4)	.....	.....	.....	.....	(4)	.....	.....	.....	.....	70
.....	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	71
.....	.....	(4)	.....	.....	.....	.....	(4)	.....	.....	.....	.....	72
.....	.....	(4)	.....	.....	.....	.....	(4)	.....	.....	.....	.....	73
.....	(4)	.....	.....	.....	(4)	(4)	.....	.....	.....	.....	.....	74
.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	75
.....	(4)	.....	.....	.....	(4)	(4)	.....	.....	.....	.....	.....	76
.....	(4)	.....	.....	.....	(4)	(4)	.....	.....	.....	.....	.....	77

[3] Included in "Other counties."
[4] Where there are less than 3 enterprises reporting, data are included only in the State totals.

TENNESSEE

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres....	26,855,040	26,679,680	26,679,680	.....	.....	.....	.....
Land in drainage enterprises.....acres....	601,592	593,560	363,671	8,032	1.4	229,889	63.2
Improved.....acres....	328,153	286,008	163,218	42,145	14.7	122,790	75.2
Unimproved:							
Timber and cut-over.....acres....	166,804	219,510	189,945	-52,706	-24.0	29,565	15.6
Other.....acres....	106,635	88,042	10,508	18,593	21.1	77,534	737.8
Drainage sufficient for normal crop.....acres....	222,013	367,805	(1)	-145,792	-39.6	.....	.....
Partly drained, for partial crop.....acres....	114,623	92,525	(1)	22,098	23.9	.....	.....
Unfit to raise any crop for lack of drainage.....acres....	264,956	133,230	[2] 104,063	131,726	98.9	29,167	28.0
In occupied farms.....acres....	579,283	413,791	(1)	165,492	40.0	.....	.....
In planted crops.....acres....	232,923	212,690	(1)	20,233	9.5	.....	.....
Idle.....acres....	359,113	324,469	(1)	34,644	10.7	.....	.....
Available for settlement.....acres....	6,037	44,467	(1)	-38,430	-86.4	.....	.....
Open ditches, completed.....miles....	1,508.0	1,413.0	777.3	95.0	6.7	635.7	81.8
Tile drains, completed.....miles....	.....	.....	0.3	.....	.....	-0.3	-100.0
Capital invested in enterprises.....dollars..	6,501,750	6,366,747	2,925,944	135,003	2.1	3,440,803	117.6
Average per acre.....dollars..	10.81	10.73	8.05	0.08	0.7	2.68	33.3

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	618,172	599,392	363,671	601,592	1,000 to 1,999 acres.....	74,530	209,899	117,651	69,482
					2,000 to 4,999 acres.....	151,149			146,162
Less than 100 acres.....	75	97	121	75					
100 to 199 acres.....	800	271		800	5,000 to 9,999 acres.....	147,473	115,598	91,612	145,372
200 to 499 acres.....	11,020	8,423	2,156	10,894	10,000 to 19,999 acres.....	132,240	236,523	139,066	129,831
500 to 999 acres.....	31,339	28,581	12,465	30,001	20,000 to 49,999 acres.....	69,546			68,975

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	601,592	100.0	6,501,750	100.0
Drainage districts.....	586,136	97.4	6,471,846	99.5
County drains.....	14,256	2.4	27,604	0.4
Individually owned projects.....	1,200	0.2	2,300	0.1

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	601,592	100.0	593,560	100.0	363,671	100.0	6,501,750	100.0	6,366,747	100.0	2,925,944	100.0
Gravity drainage only by—												
Open ditches.....	601,592	100.0	593,560	100.0	363,171	99.9	6,501,750	100.0	6,366,747	100.0	2,920,944	99.8
Tile drains.....	.....	.....	.....	.....	500	0.1	.....	.....	.....	.....	5,000	0.2

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises.....	601,592	100.0	593,560	100.0	6,501,750	100.0	6,366,747	100.0	163,732	207,034
Enterprises in arrears.....	443,913	73.8	393,902	66.4	5,177,044	79.6	4,486,918	70.5	141,121	174,399
With some delinquent land.....	439,696	73.1	329,551	55.5	5,125,524	78.8	3,954,566	62.1	141,121	174,399
With no delinquent land.....	4,217	0.7	33,891	5.7	51,520	0.8	312,100	4.9	.....	.....
With no report on delinquency.....	.....	.....	30,460	5.2	.....	.....	220,252	3.5	.....	.....
Enterprises not in arrears.....	157,679	26.2	199,658	33.6	1,324,706	20.4	1,879,829	29.5	22,611	32,635
With some delinquent land.....	83,561	13.9	151,322	25.5	668,458	10.3	1,381,011	21.7	22,611	32,635
With no delinquent land.....	74,118	12.3	27,470	4.6	656,248	10.1	279,617	4.4	.....	.....
With no report on delinquency.....	.....	.....	20,866	3.5	.....	.....	219,201	3.4	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	601,592	6,501,750	1,898,137	1,741,945	304,450	163,732	160,551
Enterprises in debt	487,553	5,566,345	1,898,137	1,741,945	304,450	157,085	149,333
In arrears, amount of arrearage stated	443,913	5,177,044	1,820,597	1,741,945	89,130	141,121	146,385
Collecting drainage taxes in 1939	303,907	3,368,952	982,527	907,375	89,130	95,238	146,385
No collections reported	140,006	1,808,092	838,070	834,570	.....	45,883	.....
Not in arrears	43,640	389,301	77,540	.....	215,320	15,964	2,948
Collecting drainage taxes in 1939	40,486	368,500	70,300	.....	212,200	15,769	2,948
No collections reported	3,154	20,801	7,240	.....	3,120	195	.....
Enterprises not in debt	114,039	935,405	.....	.....	.....	6,647	11,218
Collecting drainage taxes in 1939	44,621	322,700	.....	.....	.....	5,175	11,218
No collections reported	69,418	612,705	.....	.....	.....	1,472	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*		*Acres*	*Percent*	*Dollars*	*Percent*
All enterprises	601,592	100.0	6,501,750	100.0	Reclamation of swamp land not previously in farms	56,442	9.4	649,104	10.0
Improvement of land already in farms	173,658	28.9	2,036,601	31.3	Protection against overflow	371,492	61.7	3,816,045	58.7

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	601,592	100.0	618,172	16,580	6,501,750	100.0
1910-1914	115,677	19.2	123,421	7,744	1,174,263	18.1
1915-1919	335,710	55.8	343,959	8,249	3,583,525	55.1
1920-1924	119,484	19.9	119,671	187	1,652,317	25.4
1925-1929	2,561	0.4	2,561	.....	28,700	0.4
1930-1934	1,963	0.3	1,963	.....	5,000	0.1
1935-1939	26,197	4.4	26,597	400	57,945	0.9

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	601,592	222,013	36.9	114,623	264,956	328,153	54.5	166,804	106,635	579,283	96.3	232,923	359,113	6,037
1910-1914	115,677	22,128	19.1	24,304	69,245	58,815	50.8	36,453	20,409	114,742	99.2	29,587	85,866	.....
1915-1919	335,710	106,530	31.7	68,452	160,728	177,103	52.8	93,002	65,605	328,981	98.0	130,489	199,229	.....
1920-1924	119,484	72,963	61.1	17,158	29,363	72,195	60.4	29,770	17,519	109,738	91.8	57,937	58,257	6,037
1925-1929	2,561	1,031	40.3	620	910	2,143	83.7	290	128	2,561	100.0	1,768	793	.....
1930-1934	1,963	1,178	60.0	491	294	1,669	85.0	196	98	1,963	100.0	1,669	294	.....
1935-1939	26,197	18,183	69.4	3,598	4,416	16,228	61.9	7,093	2,876	21,298	81.3	11,473	14,674	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	601,592	601,592	109,154	492,438	5,832	0.01	0.05
Gravity drainage only	601,592	601,592	109,154	492,438	5,832	0.01	0.05
Open ditches only	592,097	592,097	109,154	482,943	5,832	0.01	0.05
Open ditches and levees	9,495	9,495	.....	9,495	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	601,592	100.0	6,501,750	100.0
Method:				
By district forces	6,808	1.1	1,700	[1]
Work apportioned to landowners	28,125	4.7	160,497	2.5
"None," or not reporting	566,659	94.2	6,339,553	97.5
Whether systematic:				
Reporting "yes"	34,933	5.8	162,197	2.5
Reporting "no"	562,504	93.5	6,308,058	97.0
Not reporting	4,155	0.7	31,495	0.5

[1] Less than one-tenth of 1 percent.

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	21,064	29,304	31.2	.....	.....
Work Projects Administration	21,064	29,304	31.2	.....	.....

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	601,592	[1] 3,150	0.5
Capital invested.....dollars..	6,501,750	33,150	0.5
Drainage works:			
Open ditches.....miles....	1,508.0	5.0	0.3
Tile drains.....miles....	.....	.....	.....
Levees.....miles....	30.0	.....	.....

[1] The land actually dependent upon outside agencies for protection is 1,250 acres, which is 39.7 percent of all land in these protected enterprises.

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COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION

	ITEM (See definitions in Introduction)	THE STATE	Benton[1]	Carroll	Chester	Crockett	Dyer	Fayette
	LAND AREA							
1	Approximate land area.....acres....1940..	26,855,040	275,200	381,440	182,400	172,160	337,280	450,560
2	Drainage enterprises.....number...1940..	[3]207	1	16	16	11	11	9
3	Land in enterprises.....acres....1940..	601,592	12,631	42,229	16,759	24,147	42,647	22,495
4	1930..	593,560	(4)	50,442	16,397	32,907	51,902	24,103
5	1920..	363,671	(4)	33,724	13,125	17,282	43,106	1,928
6	Area of all enterprises, overlapping included.....acres....1940..	618,172	12,631	42,403	17,479	24,147	44,214	22,682
7	Amount of overlapping.....acres....1940..	16,580	.....	174	720	.....	1,567	187
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	222,013	6,316	8,446	7,197	9,965	28,658	18,822
9	1930..	367,805	(4)	44,305	12,054	20,283	37,700	5,048
10	Increase or decrease (-), 1930-1940.....acres.....	-145,792	.....	-35,859	-4,857	-10,318	-9,042	13,774
11	percent.....	-39.6	.....	-80.9	-40.3	-50.9	-24.0	272.9
12	Land undrained, unfit for any crop.....acres....1940..	264,956	5,052	21,110	5,800	12,505	12,322	2,080
13	1930..	133,230	(4)	2,589	2,138	8,623	7,500	15,362
14	Increase or decrease (-), 1930-1940.....acres.....	131,726	.....	18,521	3,662	3,882	4,822	-13,282
15	percent.....	98.9	.....	715.4	171.3	45.0	64.3	-86.5
16	Land partly drained, for partial crop.....acres....1940..	114,623	1,263	12,673	3,762	1,677	1,667	1,593
17	1930..	92,525	(4)	3,548	2,205	4,001	6,702	3,693
18	Increase or decrease (-), 1930-1940.....acres.....	22,098	.....	9,125	1,557	-2,324	-5,035	-2,100
19	percent.....	23.9	.....	257.2	70.6	-58.1	-75.1	-56.9
20	Improved land.....acres....1940..	328,153	6,316	32,141	8,564	12,620	26,668	12,288
21	1930..	286,008	(4)	19,208	7,877	20,773	30,568	4,748
22	1920..	163,218	(4)	8,043	8,422	8,669	18,853	1,169
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	166,804	3,789	7,974	4,582	6,847	8,326	6,040
24	1930..	219,510	(4)	9,381	8,340	9,110	14,400	3,800
25	1920..	189,945	(4)	24,971	4,703	8,613	24,253	759
26	Other unimproved land.....acres....1940..	106,635	2,526	2,114	3,613	4,680	7,653	4,167
27	1930..	88,042	.....	21,853	180	3,024	6,934	15,555
28	1920..	10,508	(4)	710	.....	.....	.....	.....
29	Land in occupied farms.....acres....1940..	579,283	10,105	42,229	16,759	24,147	42,647	20,943
30	1930..	413,791	(4)	48,895	8,407	26,442	36,000	6,798
31	Increase or decrease (-), 1930-1940.....acres.....	165,492	.....	-6,666	8,352	-2,295	6,647	14,145
32	percent.....	40.0	.....	-13.6	99.3	-8.7	18.5	208.1
33	Land in planted crops.....acres....1940..	232,923	3,158	29,632	4,070	6,519	24,820	12,026
34	1930..	212,690	(4)	17,325	7,805	16,871	23,700	4,011
35	Increase or decrease (-), 1930-1940.....acres.....	20,233	.....	12,307	-3,735	-10,352	1,120	8,015
36	percent.....	9.5	.....	71.0	-47.8	-61.4	4.7	199.8
37	Land idle.....acres....1940..	359,113	9,473	12,597	12,689	17,627	17,827	7,054
38	1930..	324,469	(4)	27,567	8,592	13,980	23,500	16,749
39	Increase or decrease (-), 1930-1940.....acres.....	34,644	.....	-14,970	4,097	3,647	-5,673	-9,695
40	percent.....	10.7	.....	-54.3	47.7	26.1	-24.1	-57.9
41	Land available for settlement.....acres....1940..	6,037	.....	.....	.....	.....	.....	6,037
42	1930..	44,467	.....	.....	.....	.....	.....	9,518
43	Increase or decrease (-), 1930-1940.....acres.....	-38,430	.....	.....	.....	.....	.....	-3,481
44	percent.....	-86.4	.....	.....	.....	.....	.....	-36.6
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	592,097	12,631	42,229	16,759	24,147	42,647	22,495
46	Length of these ditches.....miles.....	1,499.6	11.0	132.0	74.7	65.6	83.0	58.5
47	Part protected by levees of an outside agency.....acres.....	1,250	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	9,495	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	8.4	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	30.0	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Decatur, Lake, and Lauderdale Counties in 1940; Benton, Decatur, Lake, Lauderdale, and Montgomery Counties in 1930; and Benton, Lauderdale, Montgomery, and Sumner Counties in 1920.

AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

Gibson	Hardeman	Hardin	Haywood	Henderson	Henry	Humphreys[1]	McNairy	Madison	Obion	Shelby	Tipton	Weakley	Other counties[2]	
388,480	419,200	380,800	332,160	329,600	383,360	355,200	364,160	359,040	352,000	480,640	293,120	368,640	638,080	1
19	5	9	8	16	5	1	16	13	13	16	4	14	4	2
67,370	7,557	12,760	36,459	24,799	32,409	6,808	26,653	35,964	46,162	55,578	13,048	65,115	10,002	3
67,050	5,865	13,543	37,206	25,615	32,914	.....	25,333	52,092	49,738	17,547	12,980	56,158	21,768	4
46,484	5,542	19,345	35,334	20,684	31,589	.....	12,729	23,174	27,160	.....	.....	12,499	19,966	5
68,661	7,557	19,189	37,030	27,129	32,409	6,808	27,471	37,475	46,162	56,228	13,048	65,447	10,002	6
1,291	.....	6,429	571	2,330	.....	.....	818	1,511	.....	650	.....	332	.....	7
16,840	2,382	4,831	12,225	2,776	15,200	6,808	13,302	1,305	.....	40,087	10,719	12,883	3,251	8
54,255	5,115	8,548	18,440	16,365	10,919	.....	15,474	37,861	29,271	6,500	10,600	23,469	11,598	9
-37,415	-2,733	-3,717	-6,215	-13,589	4,281	6,808	-2,172	-36,556	-29,271	33,587	119	-10,586	-8,347	10
-69.0	-53.4	-43.5	-33.7	-83.0	39.2	.....	-14.0	-96.6	-100.0	516.7	1.1	-45.1	-72.0	11
33,684	4,222	6,141	17,467	12,702	9,723	.....	10,671	34,601	28,118	5,448	640	39,463	3,207	12
6,496	550	4,480	10,320	3,948	8,238	.....	5,222	9,006	11,608	4,863	950	26,944	4,393	13
27,188	3,672	1,661	7,147	8,754	1,485	.....	5,449	25,595	16,510	585	-310	12,519	-1,186	14
418.5	667.6	37.1	69.2	221.7	18.0	.....	104.3	284.2	142.2	12.0	-32.6	46.5	-27.0	15
16,846	953	1,788	6,767	9,321	7,486	.....	2,680	58	18,044	10,043	1,689	12,769	3,544	16
6,299	200	515	8,446	5,302	13,757	.....	4,637	5,225	8,859	6,184	1,430	5,745	5,777	17
10,547	753	1,273	-1,679	4,019	-6,271	.....	-1,957	-5,167	9,185	3,859	259	7,024	-2,233	18
167.4	376.5	247.2	-19.9	75.8	-45.6	.....	-42.2	-98.9	103.7	62.4	18.1	122.3	-38.6	19
33,686	4,456	6,012	20,601	13,033	9,723	5,106	21,264	12,016	25,118	35,269	9,305	28,721	5,246	20
37,034	2,931	9,341	16,307	11,527	23,039	.....	16,974	15,462	21,900	6,500	8,000	19,095	14,724	21
22,951	2,201	11,334	20,059	11,433	6,800	.....	7,041	11,727	13,676	.....	.....	2,791	8,049	22
12,992	2,517	5,305	13,912	7,621	12,963	1,362	1,753	20,761	16,107	13,056	2,612	15,144	3,141	23
28,626	1,003	1,426	16,413	5,061	9,775	.....	3,504	35,380	25,231	4,400	4,400	32,716	6,544	24
23,533	3,341	8,011	15,275	8,655	21,660	.....	5,688	11,447	13,484	.....	.....	[4]	[5]15,552	25
20,692	584	1,443	1,946	4,145	9,723	340	3,636	3,187	4,937	7,253	1,131	21,250	1,615	26
1,390	1,931	2,776	4,486	9,027	100	.....	4,855	1,250	2,607	6,647	580	4,347	500	27
.....	.....	.....	.....	596	3,129	.....	.....	.....	.....	.....	.....	[4]	[5]6,073	28
67,370	7,557	12,760	34,513	24,799	32,409	6,808	26,653	35,453	45,219	41,273	12,522	65,115	10,002	29
60,610	3,303	9,360	16,925	25,615	25,175	.....	15,799	25,168	37,521	8,500	11,700	32,177	15,396	30
6,760	4,254	3,400	17,588	-816	7,234	6,808	10,854	10,285	7,698	32,773	822	32,938	-5,394	31
11.2	128.8	36.3	103.9	-3.2	28.7	.....	68.7	40.9	20.5	385.6	7.0	102.4	-35.0	32
13,472	2,710	3,464	16,564	9,393	9,723	3,830	15,561	8,387	15,395	28,816	8,288	14,626	2,469	33
22,040	2,600	7,191	14,174	11,177	10,933	.....	12,874	14,350	13,900	6,250	7,800	10,942	8,747	34
-8,568	110	-3,727	2,390	-1,784	-1,210	3,830	2,687	-5,963	1,495	22,566	488	3,684	-6,278	35
-38.9	4.2	-51.8	16.9	-16.0	-11.1	.....	20.9	-41.6	10.8	361.0	6.2	33.7	-71.8	36
53,898	4,847	9,022	19,895	15,406	17,071	2,978	11,092	27,577	30,767	26,762	4,550	50,489	7,492	37
37,833	3,203	6,233	14,635	13,037	16,886	.....	12,162	36,719	29,154	9,750	4,400	41,562	8,507	38
16,065	1,644	2,789	5,260	2,369	185	2,978	-1,070	-9,142	1,613	17,012	150	8,927	-1,015	39
42.5	51.3	44.7	35.9	18.2	1.1	.....	-8.8	-24.9	5.5	174.5	3.4	21.5	-11.9	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	2,312	38	7,200	.....	.....	.....	1,812	9,610	4,547	6,660	.....	2,070	700	42
.....	-2,312	-38	-7,200	.....	.....	.....	-1,812	-9,610	-4,547	-6,660	.....	-2,070	-700	43
.....	-100.0	-100.0	-100.0	.....	.....	.....	-100.0	-100.0	-100.0	-100.0	.....	-100.0	-100.0	44
67,370	7,557	12,760	36,459	24,799	32,409	6,808	26,653	35,964	46,162	55,578	13,048	55,620	10,002	45
130.2	31.2	52.6	69.9	97.9	128.5	7.0	106.6	84.7	94.7	98.8	41.0	114.0	17.7	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,250	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,495	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.4	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.0	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72

[3]An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 155.
[4]Included in "Other counties."
[5]Includes data for Weakley County with other counties named in footnote 2.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930,

	ITEM (See definitions in Introduction)	THE STATE	Benton[1]	Carroll	Chester	Crockett	Dyer	Fayette
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[3] 207	1	16	16	11	11	9
	Open ditches:							
2	Completed.....miles.....1940..	1,508.0	11.0	132.0	74.7	65.6	83.0	58.5
3	1930..	1,413.0	([4])	122.1	75.6	69.0	89.5	79.0
4	1920..	777.3	([4])	114.9	61.8	39.5	71.2	5.0
5	Additional length authorized.....miles.....1940..	2.8	.....	.....	.....	.....	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	.....	.....	.....	.....	.....	.....
8	1920..	0.3	([4])	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	30.0	.....	.....	.....	.....	.....	.....
11	1930..	29.8	.....	.....	.....	.....	.....	.....
12	1920..	42.3	([4])	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	6,501,750	123,200	470,202	173,198	232,480	517,852	316,860
26	1930..	6,366,747	([4])	435,904	160,719	345,832	588,501	482,119
27	1920..	2,925,944	([4])	310,216	124,946	179,355	346,511	14,451
28	Estimated cost when completed.....dollars.....1940..	6,508,428	123,200	470,202	173,198	232,480	517,852	316,860
29	1930..	6,416,812	([4])	437,969	160,719	345,832	588,501	482,119
30	1920..	3,447,991	([4])	360,566	125,941	179,355	466,011	15,660
31	Average cost per acre when completed.....dollars.....1940..	10.82	9.75	11.13	10.33	9.63	12.14	14.08
32	1930..	10.81	([4])	8.68	9.80	10.51	11.34	20.00
33	1920..	9.48	([4])	10.69	9.60	10.38	10.81	8.12
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	6,343,747	123,200	470,202	173,198	232,480	517,852	316,860
35	Average amount per acre.....dollars..	10.71	9.75	11.13	10.33	9.63	12.14	14.08
36	Enterprises having open ditches and levees.....dollars..	164,681	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	17.34	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	5,832	.....	.....	.....	.....	3,638	.....
53	Enterprises reporting.....number...	19	.....	.....	.....	.....	4	.....
54	Land in these enterprises.....acres....	109,154	.....	.....	.....	.....	15,928	.....
55	Average cost per acre.....dollars..	0.05	.....	.....	.....	.....	0.23	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	12	.....	.....	.....	.....	.....	.....
57	Land in these enterprises.....acres....	21,064	.....	.....	.....	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	160,551	.....	4,356	3,810	7,058	10,944	9,233
59	Enterprises reporting.....number...	96	.....	7	3	9	7	4
60	Land in these enterprises.....acres....	389,014	.....	28,685	9,161	20,065	23,415	17,668
61	Average amount collected per acre.....dollars..	0.41	.....	0.15	0.41	0.35	0.47	0.52
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	163,732	4,541	16,374	596	4,354	9,706	8,161
63	Enterprises reporting.....number...	145	1	11	3	11	8	6
64	Land in these enterprises.....acres....	523,257	12,631	37,351	1,109	24,147	33,703	21,254
65	Portion delinquent in these enterprises.....percent..	31.3	36.0	43.8	53.7	18.0	28.8	38.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	1,898,137	100,800	163,610	11,600	29,625	114,165	115,110
67	Enterprises reporting.....number...	133	1	11	5	7	8	6
68	Land in these enterprises.....acres....	487,553	12,631	37,351	2,225	17,235	33,703	21,254
69	Average indebtedness per acre.....dollars..	3.89	7.98	4.38	5.21	1.72	3.39	5.42
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	1,741,945	100,800	157,110	8,860	29,625	110,965	87,610
71	Enterprises reporting.....number...	124	1	11	3	7	7	6
72	Land in these enterprises.....acres....	443,913	12,631	37,351	1,049	17,235	32,942	21,254
73	Average arrearage per acre.....dollars..	3.92	7.98	4.21	8.45	1.72	3.37	4.12
74	Reduction of debt by refinancing, prior to 1940.....dollars..	304,450	.....	.....	([6])	.....	([6])	.....
75	Enterprises reporting.....number...	8	.....	.....	1	.....	1	.....
76	Land in these enterprises.....acres....	55,322	.....	.....	([6])	.....	([6])	.....
77	Average reduction per acre.....dollars..	5.50	.....	.....	([6])	.....	([6])	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Decatur, Lake, and Lauderdale Counties in 1940; Benton, Decatur, Lake, Lauderdale, and Montgomery Counties in 1930; and Benton, Lauderdale, Montgomery, and Sumner Counties in 1920.
[3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 155.

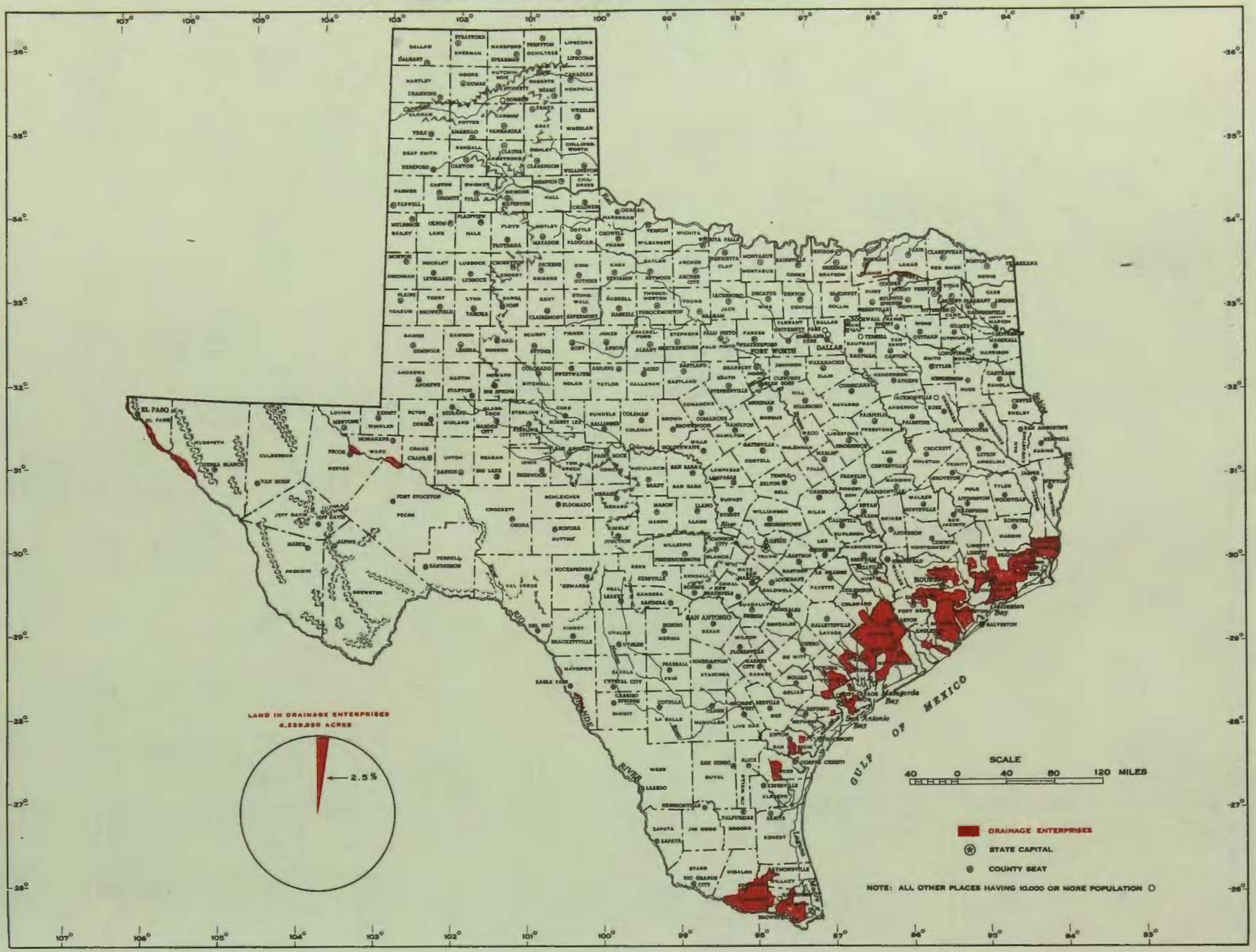
AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

Gibson	Hardeman	Hardin	Haywood	Henderson	Henry	Humphreys[1]	McNairy	Madison	Obion	Shelby	Tipton	Weakley	Other counties[2]	
19	5	9	8	16	5	1	16	13	13	16	4	14	4	1
130.2	31.2	52.6	69.9	97.9	128.5	7.0	106.6	84.7	94.7	98.8	41.0	122.4	17.7	2
122.1	16.0	40.5	71.0	105.0	97.0	.....	100.8	86.3	88.5	37.0	34.0	120.1	59.5	3
79.3	17.6	44.6	58.3	64.2	35.5	.....	52.2	48.8	58.0	.....	.....	(4)	[5] 26.4	4
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.8	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(4)	[5] 0.3	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.0	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	13.8	.....	.....	16.0	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	13.8	.....	.....	(4)	[5] 28.5	12
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24
612,942	66,000	125,815	257,610	267,416	381,850	1,700	321,352	359,319	653,679	569,734	213,000	710,881	126,660	25
591,030	44,102	115,656	287,358	212,485	346,350	.....	252,691	376,767	679,008	239,502	245,000	709,361	254,362	26
328,095	36,915	95,210	206,951	175,076	116,975	.....	112,737	185,585	392,750	.....	.....	193,543	106,628	27
612,942	66,000	125,815	257,610	267,416	381,850	1,700	321,352	359,319	653,679	576,412	213,000	710,881	126,660	28
591,030	44,102	115,656	287,358	212,485	386,350	.....	252,691	376,767	679,008	239,502	245,000	709,361	262,362	29
328,095	45,117	95,210	221,742	188,576	327,791	.....	114,387	185,585	400,450	.....	.....	193,543	199,962	30
9.10	8.73	9.86	7.06	10.78	11.78	0.25	12.06	9.99	14.16	10.37	16.32	10.92	12.66	31
8.81	7.52	8.54	7.72	8.30	11.74	.....	9.97	7.23	13.65	13.65	18.88	12.63	12.05	32
7.06	8.14	4.92	6.28	9.12	10.38	.....	8.99	8.01	14.74	.....	.....	15.48	10.02	33
612,942	66,000	125,815	257,610	267,416	381,850	1,700	321,352	359,319	653,679	576,412	213,000	546,200	126,660	34
9.10	8.73	9.86	7.06	10.78	11.78	0.25	12.06	9.99	14.16	10.37	16.32	9.82	12.66	35
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164,681	.....	36
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.34	.....	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51
734	.....	(6)	.....	.....	.....	.....	.....	.....	.....	.....	(6)	1,058	(6)	52
6	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	6	1	53
45,295	.....	(6)	.....	.....	.....	.....	.....	.....	.....	.....	(6)	40,883	(6)	54
0.02	.....	(6)	.....	.....	.....	.....	.....	.....	.....	.....	(6)	0.02	(6)	55
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	11	.....	.....	.....	56
.....	.....	.....	.....	.....	.....	6,808	.....	.....	.....	14,256	.....	.....	.....	57
8,745	3,196	(6)	2,701	3,036	(6)	451	1,778	4,209	2,697	67,005	(6)	27,741	2,676	58
14	3	1	5	6	2	1	4	4	6	5	2	10	3	59
64,779	6,191	(6)	32,089	5,458	(6)	6,808	11,236	23,123	16,294	41,322	(6)	59,510	9,491	60
0.13	0.52	(6)	0.08	0.56	(6)	0.07	0.16	0.18	0.16	1.62	(6)	0.47	0.28	61
10,245	3,591	3,919	9,065	5,575	9,600	3,373	6,336	7,589	18,592	9,276	2,336	27,591	2,892	62
16	5	6	7	16	4	1	8	7	10	5	4	12	4	63
65,257	7,557	7,850	36,075	24,552	31,974	6,808	15,582	32,480	38,455	41,322	13,048	62,100	10,002	64
15.7	47.5	49.9	25.1	22.7	30.0	49.5	40.7	23.4	48.3	22.4	17.9	44.4	28.9	65
85,174	13,285	19,888	61,440	60,799	243,250	.....	44,332	56,200	298,797	174,500	47,500	237,482	20,580	66
13	4	6	6	16	4	.....	8	4	11	5	4	10	4	67
49,292	6,970	8,659	32,645	23,776	31,974	.....	15,582	28,098	42,276	41,322	13,048	59,510	10,002	68
1.73	1.91	2.30	1.88	2.56	7.61	.....	2.84	2.00	7.07	4.22	3.64	3.99	2.06	69
81,764	13,285	15,928	61,440	59,197	243,250	.....	31,072	50,700	280,947	148,500	47,500	192,792	20,580	70
12	4	5	6	15	4	.....	8	3	10	5	4	9	4	71
48,795	6,970	6,807	32,645	23,650	31,974	.....	15,582	22,663	36,154	41,322	13,048	31,839	10,002	72
1.68	1.91	2.34	1.88	2.50	7.61	.....	1.99	2.24	7.77	3.59	3.64	6.06	2.06	73
(6)	.....	.....	.....	.....	.....	.....	(6)	(6)	(6)	.....	.....	(6)	.....	74
1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	2	.....	75
(6)	.....	.....	.....	.....	.....	.....	(6)	(6)	(6)	.....	.....	(6)	.....	76
(6)	.....	.....	.....	.....	.....	.....	(6)	(6)	(6)	.....	.....	(6)	.....	77

[4] Included in "Other counties."
[5] Includes data for Weakley County with other counties named in footnote 2.
[6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

TEXAS

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	168,732,160	167,934,720	167,934,720	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	4,218,850	2,883,356	2,166,128	1,335,494	46.3	717,228	33.1
Improved.....acres.....	2,720,604	2,011,044	1,107,153	709,560	35.3	903,891	81.6
Unimproved:							
Timber and cut-over.....acres.....	524,488	176,511	111,922	347,977	197.1	64,589	57.7
Other.....acres.....	973,758	695,801	947,053	277,957	39.9	-251,252	-26.5
Drainage sufficient for normal crop.....acres.....	2,612,607	2,178,417	[1]	634,190	29.1	.....	.....
Partly drained, for partial crop.....acres.....	1,023,903	486,322	[1]	537,581	110.5	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	382,340	218,617	[2] 201,051	163,723	74.9	17,566	8.7
In occupied farms.....acres.....	2,819,775	1,895,486	[1]	924,289	48.8	.....	.....
In planted crops.....acres.....	1,083,769	1,278,207	[1]	-194,438	-15.2	.....	.....
Idle.....acres.....	1,421,438	816,461	[1]	604,977	74.1	.....	.....
Available for settlement.....acres.....	688,332	772,223	[1]	-83,891	-10.9	.....	.....
Open ditches, completed.....miles.....	4,906.3	3,661.8	2,728.5	1,244.5	34.0	933.3	34.2
Tile drains, completed.....miles.....	14.1	8.5	.....	5.6	65.9	8.5	.....
Drainage pumping plants, capacity.....horsepower....	186	510	.....	-324	-63.5	510	.....
gal. per min..	42,982	33,930	.....	9,052	26.7	33,930	.....
Capital invested in enterprises.....dollars.....	14,047,181	12,002,949	5,700,805	2,044,232	17.0	6,302,144	110.5
Average per acre.....dollars.....	3.33	4.16	2.63	-0.83	-20.0	1.53	58.2

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	4,531,170	2,883,356	2,166,128	4,218,850	10,000 to 19,999 acres.....	174,768	1,006,763	746,544	138,768
					20,000 to 49,999 acres.....	1,117,688			1,061,688
200 to 499 acres.....	260	.....	1,957	260	50,000 to 99,999 acres.....	1,156,660	994,527	918,105	1,004,160
500 to 999 acres.....	.....	800	.....	.....					
1,000 to 1,999 acres.....	4,056	53,733	9,619	4,056	100,000 to 199,999 acres.....	295,840	772,871	457,871	295,840
2,000 to 4,999 acres.....	32,675			32,675	200,000 to 499,999 acres.....	987,520			919,700
5,000 to 9,999 acres.....	71,143	54,662	32,032	71,143	500,000 acres and over.....	690,560	.....	.....	690,560

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,218,850	100.0	14,047,181	100.0
Drainage districts.....	3,844,378	91.1	9,764,083	69.5
Irrigation enterprises:				
Federal.....	74,708	1.8	1,622,872	11.6
Other.....	259,384	6.1	2,633,549	18.7
Individually owned projects.....	40,380	1.0	26,677	0.2

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	4,218,850	100.0	2,883,356	100.0	2,166,128	100.0	14,047,181	100.0	12,002,949	100.0	5,700,805	100.0
Gravity drainage only by—												
Open ditches.....	3,967,869	94.1	2,560,477	88.8			10,740,477	76.5	8,465,317	70.5		
Tile drains.....	.....	.....	.....	.....	2,166,128	100.0	.....	.....	.....	.....	5,700,805	100.0
Open ditches and tile drains...	117,720	2.8	235,600	8.2			1,027,641	7.3	1,530,000	12.8		
All drained by pumping by—												
Open ditches.....	.....	.....					.....	.....				
Tile drains.....	.....	.....	20,279	0.7	.....	.....	.....	.....	425,049	3.5	.....	.....
Open ditches and tile drains...	.....	.....					.....	.....				
Part only by pumping by—												
Open ditches.....	94,708	2.2					2,122,872	15.1				
Tile drains.....	.....	.....	67,000	2.3	.....	.....	.....	.....	1,582,583	13.2	.....	.....
Open ditches and tile drains...	38,553	0.9					156,191	1.1				
Total area served by pumps.....	17,990	0.4	21,079	0.7	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940, 1930, AND 1920

KIND OF POWER		Enterprises	CAPACITY			Land served
			Engine or motor		Pump	
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	4	186	100.0	42,982	17,990
	1930	2	510	100.0	33,930	21,079
	1920	.....	.....	.....	.....	.....
Electric	1940	4	186	100.0	42,982	17,990
	1930	2	510	100.0	33,930	21,079
	1920	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS			Engine or motor capacity	Land served
		Number	Capacity			
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	11	42,982	100.0	186	17,990
	1930	53	33,930	100.0	510	21,079
Centrifugal	1940	3	13,250	30.8	59	8,000
	1930	53	33,930	100.0	510	21,079
Turbine	1940	8	29,732	69.2	127	9,990
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	4,218,850	100.0	2,883,356	100.0	14,047,181	100.0	12,002,949	100.0	488,677	274,682
Enterprises in arrears	185,752	4.4	26,938	0.9	855,173	6.1	739,000	6.2	37,805	13,355
With some delinquent land	93,552	2.2	23,827	0.8	525,141	3.8	589,000	4.9	37,805	13,355
With no delinquent land	67,900	1.6	.....	.....	230,032	1.6	.....	.....	.....	.....
With no report on delinquency	24,300	0.6	3,111	0.1	100,000	0.7	150,000	1.3	.....	.....
Enterprises not in arrears	4,033,098	95.6	2,856,418	99.1	13,192,008	93.9	11,263,949	93.8	450,872	261,327
With some delinquent land	3,613,348	85.6	2,015,574	69.9	9,122,910	65.0	8,046,450	67.0	450,872	261,327
With no delinquent land	387,272	9.2	772,967	26.8	4,036,098	28.7	2,537,450	21.1	.....	.....
With no report on delinquency	32,478	0.8	67,877	2.4	33,000	0.2	680,049	5.7	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	4,218,850	14,047,181	4,574,165	46,110	781,199	488,677	1,017,878
Enterprises in debt	3,425,763	10,914,249	4,574,165	46,110	781,199	426,227	931,525
In arrears, amount of arrearage stated	185,752	855,173	66,510	46,110	6,550	37,805	20,888
Collecting drainage taxes in 1939	161,452	755,173	56,510	36,110	6,550	37,805	20,888
No collections reported	24,300	100,000	10,000	10,000	.....	.....	.....
Not in arrears	3,240,011	10,059,076	4,507,655	.....	774,649	388,422	910,637
Collecting drainage taxes in 1939	3,217,011	9,909,076	4,507,104	.....	774,649	388,422	910,637
No collections reported	23,000	150,000	551	.....	.....	.....	.....
Enterprises not in debt	793,087	3,132,932	.....	.....	.....	62,450	86,353
Collecting drainage taxes in 1939	529,236	1,222,706	.....	.....	.....	62,450	86,353
No collections reported	263,851	1,910,226	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	4,218,850	100.0	14,047,181	100.0
Improvement of land already in farms	3,295,074	78.1	7,115,278	50.7
Reclamation of swamp land not previously in farms	322,180	7.6	842,000	6.0
Protection against overflow	130,963	3.1	1,440,032	10.2
Removal of alkali or seepage from irrigation	470,633	11.2	4,649,871	33.1

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	4,218,850	100.0	4,531,170	312,320	14,047,181	100.0
1900-1904	.....	.....	36,000	36,000	248,181	1.8
1905-1909	1,013,610	24.0	1,175,830	162,220	3,031,442	21.6
1910-1914	1,041,836	24.7	1,124,936	83,100	3,813,694	27.1
1915-1919	521,655	12.4	532,655	11,000	3,127,153	22.2
1920-1924	320,127	7.6	320,127	.....	2,245,818	16.0
1925-1929	163,234	3.9	183,234	20,000	1,050,320	7.5
1930-1934	50,891	1.2	50,891	.....	334,000	2.4
1935-1939	1,107,497	26.2	1,107,497	.....	196,573	1.4

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*	*Per-cent*	*Acres*	*Acres*	*Acres*
All enterprises	4,218,850	2,812,607	66.7	1,023,903	382,340	2,720,604	64.5	524,488	973,758	2,819,775	66.8	1,083,769	1,421,438	688,332
1905-1909	[2]1,013,610	772,093	76.2	144,149	97,368	704,987	69.6	101,242	207,381	650,855	64.2	282,818	345,734	122,000
1910-1914	1,041,836	705,959	67.8	181,527	154,350	682,762	65.5	103,334	255,740	694,063	66.6	239,289	343,747	126,935
1915-1919	521,655	423,462	81.2	61,538	36,655	370,776	71.1	93,380	57,499	431,153	82.6	169,863	129,944	36,790
1920-1924	320,127	260,914	81.5	50,713	8,500	222,794	69.6	44,197	53,136	189,654	59.2	89,572	143,786	98,500
1925-1929	163,234	152,246	93.3	8,302	2,686	133,652	81.9	8,040	21,542	140,453	86.0	71,618	21,053	17,227
1930-1934	50,891	47,413	93.2	3,332	146	48,413	95.1	1,159	1,319	48,996	96.3	19,498	1,009	.....
1935-1939	1,107,497	450,520	40.7	574,342	82,635	557,220	50.3	173,136	377,141	664,601	60.0	211,111	436,165	286,880

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] Includes one enterprise organized in 1900-1904, entirely overlapped by a later organization.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	4,218,850	4,218,850	3,405,678	813,172	368,239	0.09	0.11
Gravity drainage only	4,085,589	4,085,589	3,278,417	807,172	326,938	0.08	0.10
Open ditches only	3,809,573	3,809,573	3,049,408	760,165	303,570	0.08	0.10
Open ditches and levees	158,296	158,296	134,789	23,507	1,323	0.01	0.01
Open ditches and tile drains	117,720	117,720	94,220	23,500	22,045	0.19	0.23
Pumping for all or part of drainage	133,261	133,261	127,261	6,000	41,301	0.31	0.32
Part pumping and part gravity	133,261	133,261	127,261	6,000	41,301	0.31	0.32

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	4,218,850	100.0	14,047,181	100.0
Method:				
By district forces	3,165,799	75.0	9,618,361	68.5
By contract	922,659	21.9	3,215,170	22.9
Work apportioned to landowners	4,380	0.1	650	[1]
"None," or not reporting	126,012	3.0	1,213,000	8.6
Whether systematic:				
Reporting "yes"	3,570,175	84.6	10,275,340	73.1
Reporting "no"	648,675	15.4	3,771,841	26.9

[1] Less than one-tenth of 1 percent.

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres....	4,218,850	2,582,151	61.2
Capital invested.....dollars..	14,047,181	7,735,373	55.1
Drainage works:			
Open ditches.....miles....	4,906.3	2,672.5	54.5
Tile drains.....miles....	14.1	13.1	92.9
Levees.....miles....	61.7	12.0	19.4

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received.....	1,156,080	1,983,291	1,055.5	1.1	.....
Work Projects Administration.....	1,156,080	1,983,291	1,055.5	1.1	.....
Other kind or combination.....	.....	.....	.....	.....	.....

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	4,218,850	[1]461,935	10.9
Capital invested.....dollars..	14,047,181	4,166,111	29.6
Drainage works:			
Open ditches.....miles....	4,906.3	902.2	18.4
Tile drains.....miles....	14.1	8.1	57.4
Levees.....miles....	61.7	1.0	1.6

[1] The land actually dependent upon outside agencies for protection is 389,539 acres, which is 84.3 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Brazoria	Calhoun	Cameron	Chambers	Delta	El Paso[1]
	LAND AREA									
1	Approximate land area	acres	1940	168,732,160	922,240	343,680	565,120	395,520	176,640	674,560
2	Drainage enterprises	number	1940	[2] 91	8	4	9	4	3	1
3	Land in enterprises	acres	1940	4,218,850	395,743	77,893	238,489	395,520	10,775	74,708
4			1930	2,883,356	352,725	79,570	213,556	([3])	24,168	67,000
5			1920	2,166,128	327,362	36,426	202,556	16,000	.....	56,000
6	Area of all enterprises, overlapping included	acres	1940	4,531,170	395,743	77,893	251,589	490,520	10,775	74,708
7	Amount of overlapping	acres	1940	312,320	.....	.....	13,100	95,000	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres	1940	2,812,607	257,190	68,900	160,184	222,480	8,595	68,429
9			1930	2,178,417	188,089	31,738	186,156	([3])	9,000	51,000
10	Increase or decrease (-), 1930-1940	acres		634,190	69,101	37,162	-25,972	.....	-405	17,429
11		percent		29.1	36.7	117.1	-14.0	.....	-4.5	34.2
12	Land undrained, unfit for any crop	acres	1940	382,340	61,683	3,420	73,205	62,729	555	5,410
13			1930	218,617	35,269	20,139	21,700	([3])	12,168	5,000
14	Increase or decrease (-), 1930-1940	acres		163,723	26,414	-16,719	51,505	.....	-11,613	410
15		percent		74.9	74.9	-83.0	237.4	.....	-95.4	8.2
16	Land partly drained, for partial crop	acres	1940	1,023,903	76,870	5,573	5,100	110,311	1,625	869
17			1930	486,322	129,367	27,693	5,700	([3])	3,000	11,000
18	Increase or decrease (-), 1930-1940	acres		537,581	-52,497	-22,120	-600	.....	-1,375	-10,131
19		percent		110.5	-40.6	-79.9	-10.5	.....	-45.8	-92.1
20	Improved land	acres	1940	2,720,604	220,506	53,087	120,439	197,760	8,750	69,298
21			1930	2,011,044	188,089	17,238	134,056	([3])	9,500	66,000
22			1920	1,107,153	[4] 145,000	27,320	[4] 78,000	12,500	.....	[4] 28,500
	Unimproved land:									
23	Woodland and cut-over land	acres	1940	524,488	18,293	12,000	33,300	98,880	1,438	.....
24			1930	176,511	2,295	.....	35,000	([3])	2,500	.....
25			1920	111,922	2,072	.....	.....	900	.....	.....
26	Other unimproved land	acres	1940	973,758	156,944	12,806	84,750	98,880	587	5,410
27			1930	695,801	162,341	62,332	44,500	([3])	12,168	1,000
28			1920	947,053	180,290	9,106	124,556	2,600	.....	27,500
29	Land in occupied farms	acres	1940	2,819,775	203,276	66,000	101,836	200,214	9,106	73,003
30			1930	1,895,486	334,725	17,238	125,056	([3])	12,000	66,000
31	Increase or decrease (-), 1930-1940	acres		924,289	-131,449	48,762	-23,220	.....	-2,894	7,003
32		percent		48.8	-39.3	282.9	-18.6	.....	-24.1	10.6
33	Land in planted crops	acres	1940	1,083,769	63,402	23,200	93,786	25,009	5,175	60,610
34			1930	1,278,207	186,650	17,083	101,500	([3])	9,500	62,000
35	Increase or decrease (-), 1930-1940	acres		-194,438	-123,248	6,117	-7,714	.....	-4,325	-1,390
36		percent		-15.2	-66.0	35.8	-7.6	.....	-45.5	-2.2
37	Land idle	acres	1940	1,421,438	204,131	10,500	101,982	250,000	.....	8,145
38			1930	816,461	.....	47,994	90,600	([3])	12,100	4,000
39	Increase or decrease (-), 1930-1940	acres		604,977	204,131	-37,494	11,382	.....	-12,100	4,145
40		percent		74.1	.....	-78.1	12.6	.....	-100.0	103.6
41	Land available for settlement	acres	1940	688,332	.....	.....	88,795	189,850	.....	.....
42			1930	772,223	.....	42,167	66,800	([3])	.....	.....
43	Increase or decrease (-), 1930-1940	acres		-83,891	.....	-42,167	21,995	.....	.....	.....
44		percent		-10.9	.....	-100.0	32.9	.....	.....	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres		3,809,573	395,743	77,893	70,760	395,520	6,440	.....
46	Length of these ditches	miles		4,007.3	391.0	111.0	79.0	95.0	8.5	.....
47	Part protected by levees of an outside agency	acres		145,758	.....	.....	70,500	.....	.....	.....
48	Land drained by open ditches and own levees	acres		158,296	.....	.....	11,456	.....	4,335	.....
49	Length of these ditches	miles		206.0	.....	.....	16.0	.....	7.0	.....
50	Length of these levees	miles		61.7	.....	.....	1.0	.....	9.0	.....
51	Part protected by levees of an outside agency	acres		2,000	.....	.....	2,000	.....	.....	.....
52	Land drained by tile only	acres		.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		117,720	.....	.....	117,720	.....	.....	.....
60	Length of these open ditches	miles		322.0	.....	.....	322.0	.....	.....	.....
61	Length of these tile	miles		7.1	.....	.....	7.1	.....	.....	.....
62	Part protected by levees of an outside agency	acres		114,520	.....	.....	114,520	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]	acres		133,261	.....	.....	38,553	.....	.....	74,708
69	Length of open ditches owned by these enterprises	miles		371.0	.....	.....	90.0	.....	.....	236.0
70	Length of tile owned by these enterprises	miles		7.0	.....	.....	7.0	.....	.....	.....
71	Length of levees owned by these enterprises	miles		.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		127,261	.....	.....	32,553	.....	.....	74,708

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 81.
[3] Included in "Other counties."
[4] Office estimate; the reported figures exceeded the improved acreage in all farms as determined by the Census of Agriculture.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Fannin	Fort Bend	Galveston	Harris	Hidalgo	Jackson	Lamar
	LAND AREA							
1	Approximate land area.....acres....1940..	579,840	554,880	275,200	1,118,080	986,240	546,560	579,840
2	Drainage enterprises.....number...1940..	3	3	3	11	4	6	3
3	Land in enterprises.....acres....1940..	17,744	44,513	113,500	344,920	414,438	170,500	14,631
4	1930..	16,605	41,758	110,000	328,720	(1)	161,029	17,816
5	1920..	.....	36,915	93,911	238,266	357,871	137,873	.....
6	Area of all enterprises, overlapping included.....acres....1940..	17,744	55,513	123,500	344,920	597,658	170,500	14,631
7	Amount of overlapping.....acres....1940..	.....	11,000	10,000	.....	183,220	.....	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	15,750	35,413	86,000	310,182	412,038	80,250	11,955
9	1930..	15,605	41,758	69,650	220,788	(1)	136,283	16,316
10	Increase or decrease (-), 1930-1940.....acres.....	145	-6,345	16,350	89,394	.....	-56,033	-4,361
11	percent.....	0.9	-15.2	23.5	40.5	.....	-41.1	-26.7
12	Land undrained, unfit for any crop.....acres....1940..	630	3,000	3,000	.....	2,400	29,750	715
13	1930..	1,000	.....	20,350	54,618	.....	12,000	1,500
14	Increase or decrease (-), 1930-1940.....acres.....	-370	3,000	-17,350	-54,618	2,400	17,750	-785
15	percent.....	-37.0	.....	-85.2	-100.0	.....	147.9	-52.3
16	Land partly drained, for partial crop.....acres....1940..	1,364	6,100	24,500	34,738	.....	60,500	1,961
17	1930..	.....	.....	20,000	53,314	(1)	12,746	.....
18	Increase or decrease (-), 1930-1940.....acres.....	1,364	6,100	4,500	-18,576	.....	47,754	1,961
19	percent.....	.....	.....	22.5	-34.8	.....	374.6	.....
20	Improved land.....acres....1940..	16,220	37,913	70,200	273,720	346,223	100,000	11,630
21	1930..	9,250	31,000	66,900	253,916	(1)	109,517	12,062
22	1920..	.....	27,686	[2] 25,899	142,148	[2] 98,723	96,265	.....
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	564	4,200	500	37,285	26,685	43,250	2,198
24	1930..	6,355	3,600	.....	63,809	.....	17,425	5,754
25	1920..	.....	.....	.....	79,770	.....	14,021	.....
26	Other unimproved land.....acres....1940..	960	2,400	42,800	33,915	41,530	27,250	803
27	1930..	1,000	7,158	43,100	10,995	(1)	34,087	.....
28	1920..	.....	9,229	68,012	16,348	259,148	27,587	.....
29	Land in occupied farms.....acres....1940..	16,348	40,600	90,000	249,410	355,973	127,000	12,546
30	1930..	9,250	31,000	23,150	158,254	(1)	109,017	12,062
31	Increase or decrease (-), 1930-1940.....acres.....	7,098	9,600	66,850	91,156	.....	17,983	484
32	percent.....	76.7	31.0	288.8	57.6	.....	16.5	4.0
33	Land in planted crops.....acres....1940..	11,890	30,000	8,500	50,000	150,000	34,000	6,535
34	1930..	9,250	31,000	2,400	97,102	(1)	70,000	10,562
35	Increase or decrease (-), 1930-1940.....acres.....	2,640	-1,000	6,100	-47,102	.....	-36,000	-4,027
36	percent.....	28.5	-3.2	254.2	-48.5	.....	-51.4	-38.1
37	Land idle.....acres....1940..	.....	6,100	14,200	133,952	3,520	40,000	.....
38	1930..	7,355	.....	21,000	231,618	.....	46,998	7,254
39	Increase or decrease (-), 1930-1940.....acres.....	-7,355	6,100	-6,800	-97,666	3,520	-6,998	-7,254
40	percent.....	-100.0	.....	-32.4	-42.2	.....	-14.9	-100.0
41	Land available for settlement.....acres....1940..	.....	5,000	.....	81,290	14,000	3,700	.....
42	1930..	6,355	.....	65,750	123,039	.....	35,099	5,254
43	Increase or decrease (-), 1930-1940.....acres.....	-6,355	5,000	-65,750	-41,749	14,000	-31,399	-5,254
44	percent.....	-100.0	.....	-100.0	-33.9	.....	-89.4	-100.0
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	.....	28,600	113,500	344,920	414,438	170,500	13,203
46	Length of these ditches.....miles.....	.....	70.0	120.0	746.0	542.9	399.0	14.1
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	64,258	.....	.....
48	Land drained by open ditches and own levees.....acres.....	17,744	15,913	.....	.....	.....	.....	1,428
49	Length of these ditches.....miles.....	60.1	60.0	.....	.....	.....	.....	4.9
50	Length of these levees.....miles.....	4.7	8.0	.....	.....	.....	.....	1.0
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] Included in "Other counties." [2] Office estimate; the reported figures exceeded the improved acreage in all farms as determined by the Census of Agriculture.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Matagorda	Orange[1]	San Patricio	Victoria	Wichita[1]	Willacy[1]	Other counties[2]
	LAND AREA								
1	Approximate land area	acres 1940	730,240	227,840	440,960	571,520	391,680	380,800	8,821,120
2	Drainage enterprises	number 1940	4	1	3	4	1	1	15
3	Land in enterprises	acres 1940	212,380	208,000	58,407	135,813	3,332	36,740	1,250,804
4		1930	215,198	.....	31,135	126,607	3,332	.....	1,094,137
5		1920	223,394	22,000	.....	133,000	.....	.....	284,554
6	Area of all enterprises, overlapping included	acres 1940	212,380	208,000	58,407	135,813	3,332	36,740	1,250,804
7	Amount of overlapping	acres 1940	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop	acres 1940	129,000	104,000	56,000	91,926	3,332	36,740	654,243
9		1930	202,335	.....	28,900	114,971	3,332	.....	862,496
10	Increase or decrease (-), 1930-1940	acres	-73,335	104,000	27,100	-23,045	.....	36,740	-208,253
11		percent	-36.2	.....	93.8	-20.0	.....	.....	-24.1
12	Land undrained, unfit for any crop	acres 1940	38,840	41,400	246	9,775	.....	.....	45,582
13		1930	2,863	.....	100	2,852	.....	.....	29,058
14	Increase or decrease (-), 1930-1940	acres	35,977	41,400	146	6,923	.....	.....	16,524
15		percent	[3]	.....	146.0	242.7	.....	.....	56.9
16	Land partly drained, for partial crop	acres 1940	44,540	62,600	2,161	34,112	.....	.....	550,979
17		1930	10,000	.....	2,135	8,784	.....	.....	202,583
18	Increase or decrease (-), 1930-1940	acres	34,540	62,600	26	25,328	.....	.....	348,396
19		percent	345.4	.....	1.2	288.3	.....	.....	172.0
20	Improved land	acres 1940	168,000	104,000	58,000	112,658	3,132	32,000	717,068
21		1930	181,335	.....	23,681	91,190	3,332	.....	813,978
22		1920	167,218	6,600	.....	102,750	.....	.....	148,544
	Unimproved land:								
23	Woodland and cut-over land	acres 1940	9,840	62,600	159	6,747	.....	.....	166,549
24		1930	2,000	.....	7,454	.....	.....	.....	30,319
25		1920	750	11,000	.....	.....	.....	.....	3,409
26	Other unimproved land	acres 1940	34,540	41,400	248	16,408	200	4,740	367,187
27		1930	31,863	.....	.....	35,417	.....	.....	249,840
28		1920	55,426	4,400	.....	30,250	.....	.....	132,601
29	Land in occupied farms	acres 1940	186,000	55,000	56,500	127,978	3,332	32,000	813,653
30		1930	170,914	.....	23,681	95,198	3,332	.....	704,609
31	Increase or decrease (-), 1930-1940	acres	15,086	55,000	32,819	32,780	.....	32,000	109,044
32		percent	8.8	.....	138.6	34.4	.....	.....	15.5
33	Land in planted crops	acres 1940	44,250	16,000	37,500	62,551	3,132	23,000	335,229
34		1930	45,000	.....	23,681	84,538	.....	.....	527,941
35	Increase or decrease (-), 1930-1940	acres	-750	16,000	13,819	-21,987	3,132	23,000	-192,712
36		percent	-1.7	.....	58.4	-26.0	.....	.....	-36.5
37	Land idle	acres 1940	30,000	178,000	1,000	13,412	200	.....	426,296
38		1930	12,863	.....	2,454	16,072	3,332	.....	312,821
39	Increase or decrease (-), 1930-1940	acres	17,137	178,000	-1,454	-2,660	-3,132	.....	113,475
40		percent	133.2	.....	-59.2	-16.6	-94.0	.....	36.3
41	Land available for settlement	acres 1940	.....	65,000	.....	.....	.....	4,440	236,257
42		1930	41,418	.....	7,454	16,180	.....	.....	362,707
43	Increase or decrease (-), 1930-1940	acres	-41,418	65,000	-7,454	-16,180	.....	4,440	-126,450
44		percent	-100.0	.....	-100.0	-100.0	.....	.....	-34.9
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only	acres	136,960	208,000	58,407	103,813	3,332	36,740	1,230,804
46	Length of these ditches	miles	211.0	85.0	108.0	193.0	7.0	28.3	798.5
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	11,000	.....
48	Land drained by open ditches and own levees	acres	75,420	.....	.....	32,000	.....	.....	.....
49	Length of these ditches	miles	38.0	.....	.....	20.0	.....	.....	.....
50	Length of these levees	miles	26.0	.....	.....	12.0	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	.....	.....	.....	.....	.....	.....
60	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
61	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[4]	acres	.....	.....	.....	.....	.....	.....	20,000
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	45.0
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	20,000

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.

[2] Includes Austin, Colorado, Hudspeth, Jefferson, Lampasas, Liberty, Maverick, Nueces, Refugio, Ward, and Wharton Counties in 1940; Bowie, Chambers, Colorado, De Witt, Henderson, Hidalgo, Hudspeth, Jefferson, Liberty, Nueces, Red River, Refugio, Ward, and Wharton Counties in 1930; and Colorado, De Witt, Henderson, Jefferson, Liberty, Nueces, Ward, and Wharton Counties in 1920.

[3] Percent not shown when more than 1,000.

[4] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Brazoria	Calhoun	Cameron	Chambers	Delta	El Paso[1]
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[2] 91	8	4	9	4	3	1
	Open ditches:							
2	Completed.....miles.....1940..	4,906.3	391.0	111.0	507.0	95.0	15.5	236.0
3	1930..	3,661.8	361.2	102.0	271.0	([3])	38.6	180.0
4	1920..	2,728.5	456.2	45.0	165.0	30.0	.....	70.0
5	Additional length authorized.....miles.....1940..	236.0	.....	.....	5.0	50.0	.....	3.0
	Tile drains:							
6	Completed.....miles.....1940..	14.1	.....	.....	14.1	.....	.....	.....
7	1930..	8.5	.....	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	61.7	.....	.....	1.0	.....	9.0	.....
11	1930..	215.9	.....	.....	1.5	.....	8.0	25.0
12	1920..	59.8	15.0	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	186	.....	.....	81	.....	.....	75
15	1930..	510	.....	.....	.....	.....	.....	60
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	42,982	.....	.....	16,250	.....	.....	20,000
18	1930..	33,930	.....	.....	.....	.....	.....	20,000
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	17,990	.....	.....	8,040	.....	.....	6,450
21	1930..	21,079	.....	.....	.....	.....	.....	800
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	2	.....	.....	.....	.....	.....	.....
24	1930..	44	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	14,047,181	1,167,434	204,000	1,476,220	74,000	244,090	1,622,872
26	1930..	12,002,949	1,131,533	163,564	1,098,820	([3])	418,759	1,582,583
27	1920..	5,700,805	1,064,000	60,000	757,120	23,000	.....	635,000
28	Estimated cost when completed.....dollars.....1940..	14,503,278	1,167,434	204,000	1,481,220	114,000	244,090	1,672,872
29	1930..	12,186,628	1,131,533	163,564	1,118,820	([3])	438,759	1,682,583
30	1920..	6,400,805	1,064,000	60,000	757,120	23,000	.....	1,235,000
31	Average cost per acre when completed.....dollars.....1940..	3.44	2.95	2.62	6.21	0.29	22.65	22.39
32	1930..	4.23	3.21	2.06	5.24	([3])	18.15	25.11
33	1920..	2.95	3.25	1.65	3.74	1.44	.....	22.05
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	10,162,665	1,167,434	204,000	236,579	114,000	95,680	.....
35	Average amount per acre.....dollars..	2.67	2.95	2.62	3.34	0.29	14.86	.....
36	Enterprises having open ditches and levees.....dollars..	978,909	.....	.....	55,809	.....	148,410	.....
37	Average amount per acre.....dollars..	6.18	.....	.....	4.87	.....	34.24	.....
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	1,027,641	.....	.....	1,027,641	.....	.....	.....
43	Average amount per acre.....dollars..	8.73	.....	.....	8.73	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	2,334,063	.....	.....	161,191	.....	.....	1,672,872
47	Average amount per acre.....dollars..	17.51	.....	.....	4.18	.....	.....	22.39
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	17,048	.....	.....	2,400	.....	.....	14,648
49	Enterprises reporting.....number...	2	.....	.....	[5] 1	.....	.....	1
50	Land in these enterprises.....acres....	107,261	.....	.....	32,553	.....	.....	74,708
51	Average cost per acre.....dollars..	0.16	.....	.....	0.07	.....	.....	0.20
52	By enterprises not operating pumping plants.....dollars..	[6] 351,191	45,325	.....	24,104	([7])	.....	.....
53	Enterprises reporting.....number...	[6] 60	6	.....	5	1	.....	.....
54	Land in these enterprises.....acres....	[6] 3,298,417	302,343	.....	176,176	([7])	.....	.....
55	Average cost per acre.....dollars..	[6] 0.11	0.15	.....	0.14	([7])	.....	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	15	.....	.....	1	.....	.....	.....
57	Land in these enterprises.....acres....	1,156,080	.....	.....	([8])	.....	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	1,017,878	123,643	20,635	24,400	19,488	5,178	57,422
59	Enterprises reporting.....number...	75	8	4	3	3	3	1
60	Land in these enterprises.....acres....	3,907,699	395,743	77,893	169,576	395,520	10,775	74,708
61	Average amount collected per acre.....dollars..	0.26	0.31	0.26	0.14	0.05	0.48	0.77
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	488,677	60,990	5,420	([8])	21,300	1,508	.....
63	Enterprises reporting.....number...	69	8	4	2	3	3	.....
64	Land in these enterprises.....acres....	3,706,900	395,743	77,893	([8])	395,520	10,775	.....
65	Portion delinquent in these enterprises.....percent..	13.2	15.4	7.0	([8])	5.4	14.0	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	4,574,165	136,500	95,564	77,450	16,000	83,760	1,048,685
67	Enterprises reporting.....number...	64	7	4	3	3	3	1
68	Land in these enterprises.....acres....	3,425,763	376,304	77,893	169,576	395,520	10,775	74,708
69	Average indebtedness per acre.....dollars..	1.34	0.36	1.23	0.46	0.04	7.77	14.04
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	46,110	.....	.....	([8])	.....	.....	.....
71	Enterprises reporting.....number...	4	.....	.....	2	.....	.....	.....
72	Land in these enterprises.....acres....	185,752	.....	.....	([8])	.....	.....	.....
73	Average arrearage per acre.....dollars..	0.25	.....	.....	([8])	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	781,199	.....	.....	([8])	.....	94,454	.....
75	Enterprises reporting.....number...	12	.....	.....	1	.....	3	.....
76	Land in these enterprises.....acres....	447,230	.....	.....	([8])	.....	10,775	.....
77	Average reduction per acre.....dollars..	1.73	.....	.....	([8])	.....	8.77	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 81. [3] Included in "Other counties." [4] Data in lines 46 and 47 are not included in lines 34 to 45. [5] Data shown by written permission of enterprise affected. [6] Includes 1 enterprise operating pumping plant reporting cost of operation and maintenance. [7] Included with "Other counties" to avoid disclosure of an individual enterprise. [8] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnotes 1, 5, 6, and 7.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Fannin	Fort Bend	Galveston	Harris	Hidalgo	Jackson	Lamar
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	3	3	3	11	4	6	3
	Open ditches:							
2	Completed.....miles.....1940..	60.1	130.0	120.0	746.0	542.9	399.0	19.0
3	1930..	10.0	65.0	195.0	484.5	(1)	630.0	57.0
4	1920..	.....	177.0	80.0	407.0	25.0	537.5	.....
5	Additional length authorized.....miles.....1940..	.....	4.0	.....	.....	64.0	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
7	1930..	.....	0.1	.....	.....	.....	.....	.....
8	1920..	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	4.7	8.0	.....	.....	.....	.....	1.0
11	1930..	31.8	8.0	.....	.....	(1)	.....	45.0
12	1920..	.....	.....	.....	.....	15.0	1.0	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	331,900	482,000	146,980	1,278,000	1,786,841	575,950	374,010
26	1930..	303,000	565,000	193,000	1,294,000	(1)	522,572	401,041
27	1920..	.....	180,000	165,000	615,000	176,000	453,452	.....
28	Estimated cost when completed.....dollars.....1940..	331,900	483,800	146,980	1,278,000	1,930,391	575,950	374,010
29	1930..	303,000	565,000	193,000	1,294,000	(1)	522,572	401,041
30	1920..	.....	180,000	165,000	615,000	176,000	453,452	.....
31	Average cost per acre when completed.....dollars.....1940..	18.70	10.87	1.29	3.70	4.66	3.38	25.56
32	1930..	18.25	13.53	1.75	3.94	(1)	3.25	22.51
33	1920..	.....	4.88	1.76	2.58	0.49	3.29	.....
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	.....	232,000	146,980	1,278,000	1,930,391	575,950	345,960
35	Average amount per acre.....dollars..	.....	8.11	1.29	3.70	4.66	3.38	26.20
36	Enterprises having open ditches and levees.....dollars..	331,900	251,800	.....	.....	.....	.....	28,050
37	Average amount per acre.....dollars..	18.70	15.82	.....	.....	.....	.....	19.64
38	Enterprises having tile only.....dollars..	.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[4].....dollars..	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	.....	(2)	13,680	77,258	11,670	9,331	.....
53	Enterprises reporting.....number...	.....	1	3	10	4	5	.....
54	Land in these enterprises.....acres....	.....	(2)	113,500	340,720	376,438	137,500	.....
55	Average cost per acre.....dollars..	.....	(2)	0.12	0.23	0.03	0.07	.....
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	.....	.....	.....	11	.....	1	.....
57	Land in these enterprises.....acres....	.....	.....	.....	344,920	.....	(3)	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars..	5,898	(3)	13,666	149,087	(3)	35,425	8,007
59	Enterprises reporting.....number...	3	2	3	11	1	6	3
60	Land in these enterprises.....acres....	17,744	(3)	113,500	344,920	(3)	170,500	14,631
61	Average amount collected per acre.....dollars..	0.33	(3)	0.12	0.43	(3)	0.21	0.55
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	4,120	.....	3,900	39,003	(3)	14,000	1,972
63	Enterprises reporting.....number...	3	.....	3	10	1	6	3
64	Land in these enterprises.....acres....	17,744	.....	113,500	340,720	(3)	170,500	14,631
65	Portion delinquent in these enterprises.....percent..	23.2	.....	3.4	11.4	(3)	8.2	13.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	97,700	222,551	.....	349,500	(2)	135,572	128,040
67	Enterprises reporting.....number...	3	3	.....	7	1	5	3
68	Land in these enterprises.....acres....	17,744	44,513	.....	127,420	(2)	137,500	14,631
69	Average indebtedness per acre.....dollars..	5.51	5.00	.....	2.74	(2)	0.98	8.75
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	208,485	.....	.....	.....	(3)	.....	161,710
75	Enterprises reporting.....number...	3	.....	.....	.....	1	.....	3
76	Land in these enterprises.....acres....	17,744	.....	.....	.....	(3)	.....	14,631
77	Average reduction per acre.....dollars..	11.75	.....	.....	.....	(3)	.....	11.05

[1] Included in "Other counties."
[2] Included with "Other counties" to avoid disclosure of an individual enterprise.
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 2.

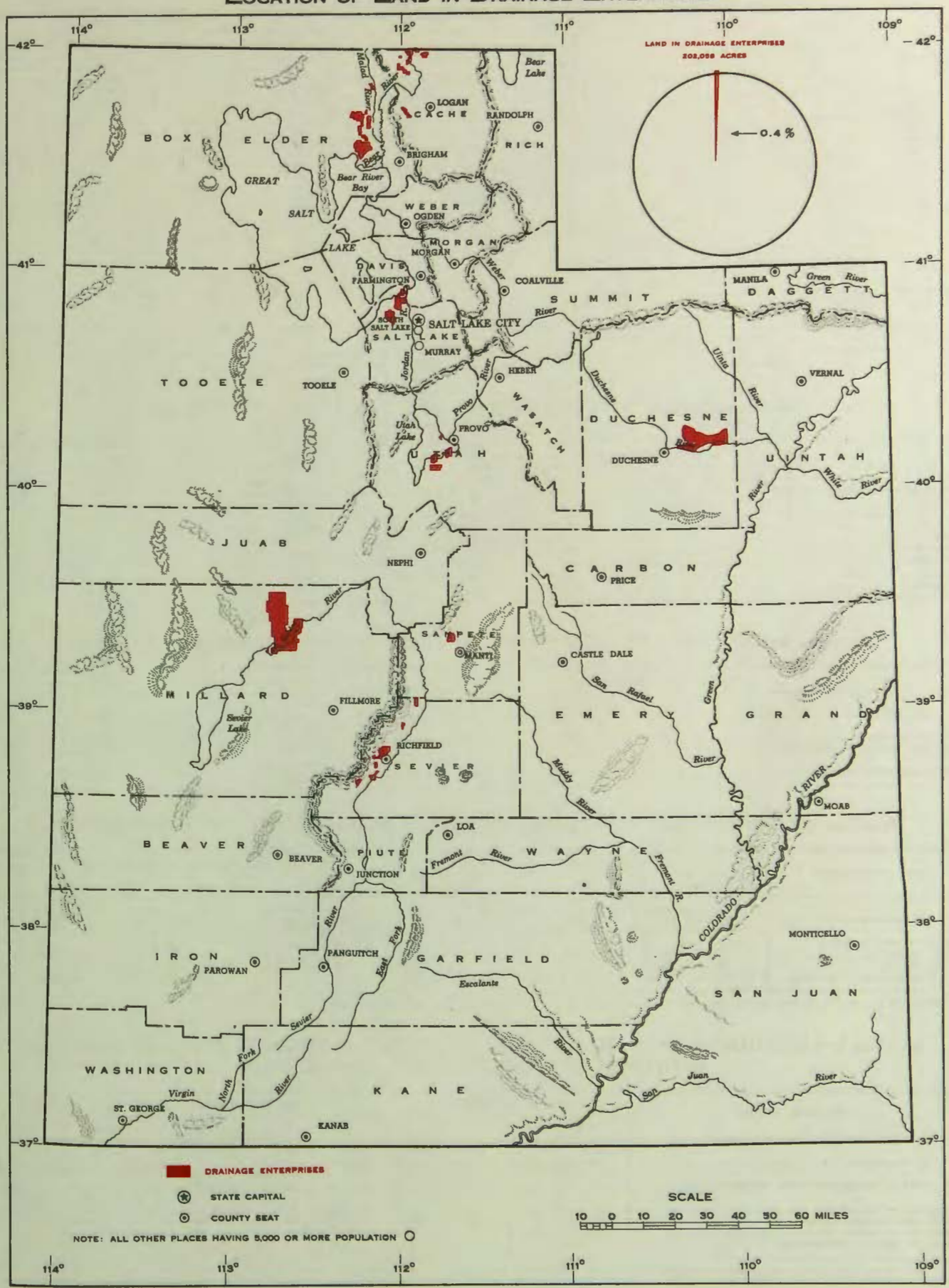
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)			Matagorda	Orange[1]	San Patricio	Victoria	Wichita[1]	Willacy[1]	Other counties[2]
	DRAINAGE WORKS									
1	Drainage enterprises	number	1940	4	1	3	4	1	1	15
	Open ditches:									
2	Completed	miles	1940	249.0	85.0	108.0	213.0	7.0	28.3	843.5
3			1930	241.0	.....	42.5	222.0	5.5	.....	756.5
4			1920	210.4	30.0	.....	195.0	.....	.....	300.4
5	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	60.0	50.0
	Tile drains:									
6	Completed	miles	1940	.....	.....	.....	.....	.....	.....	.....
7			1930	.....	.....	.....	.....	.....	.....	8.4
8			1920	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles	1940	26.0	.....	.....	12.0	.....	.....	.....
11			1930	26.0	.....	.....	.....	.....	.....	70.6
12			1920	26.0	1.0	.....	.....	.....	.....	1.8
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower	1940	.....	.....	.....	.....	.....	.....	30
15			1930	.....	.....	.....	.....	.....	.....	450
16			1920	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	.....	.....	.....	.....	.....	.....	6,732
18			1930	.....	.....	.....	.....	.....	.....	13,930
19			1920	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	.....	.....	.....	.....	.....	.....	3,500
21			1930	.....	.....	.....	.....	.....	.....	20,279
22			1920	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	.....	.....	.....	.....	.....	.....	2
24			1930	.....	.....	.....	.....	.....	.....	44
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars	1940	513,853	611,000	183,000	271,488	27,500	176,150	2,499,893
26			1930	946,609	.....	139,500	263,352	27,500	.....	2,952,116
27			1920	675,824	24,600	.....	215,880	.....	.....	655,929
28	Estimated cost when completed	dollars	1940	513,853	611,000	183,000	271,488	27,500	290,800	2,600,990
29			1930	946,609	.....	139,500	263,352	27,500	.....	2,995,795
30			1920	675,824	24,600	.....	215,880	.....	.....	755,929
31	Average cost per acre when completed	dollars	1940	2.42	2.94	3.13	2.00	8.25	7.92	2.08
32			1930	4.40	.....	4.48	2.08	8.25	.....	2.74
33			1920	3.03	1.12	.....	1.62	.....	.....	2.66
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars		366,940	611,000	183,000	255,461	27,500	290,800	2,100,990
35	Average amount per acre	dollars		2.68	2.94	3.13	2.46	8.25	7.92	1.71
36	Enterprises having open ditches and levees	dollars		146,913	.....	.....	16,027	.....	.....	.....
37	Average amount per acre	dollars		1.95	.....	.....	0.50	.....	.....	.....
38	Enterprises having tile only	dollars		.....	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		.....	.....	.....	.....	.....	.....	.....
43	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
44	Enterprises having ditches, tile, and levees	dollars		.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[3]	dollars		.....	.....	.....	.....	.....	.....	500,000
47	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	25.00
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars		.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars		.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars		10,938	1,150	8,450	30,625	316	.....	[4] 118,344
53	Enterprises reporting	number		4	1	3	3	1	.....	[4] 13
54	Land in these enterprises	acres		212,380	208,000	58,407	130,844	3,332	.....	[4] 1,238,777
55	Average cost per acre	dollars		0.05	0.01	0.14	0.23	0.09	.....	[4] 0.10
	Federal aid in maintenance:									
56	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	2
57	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	([5])
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars		15,483	83,322	26,590	48,033	3,147	.....	309,544
59	Enterprises reporting	number		4	1	3	3	1	.....	12
60	Land in these enterprises	acres		212,380	208,000	58,407	103,813	3,332	.....	1,198,564
61	Average amount collected per acre	dollars		0.07	0.40	0.46	0.46	0.94	.....	0.26
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		31,011	40,000	4,300	7,600	1,717	.....	56,620
63	Enterprises reporting	number		4	1	3	3	1	.....	11
64	Land in these enterprises	acres		212,380	208,000	58,407	103,813	3,332	.....	1,166,086
65	Portion delinquent in these enterprises	percent		14.6	19.2	7.4	7.3	51.5	.....	4.8
66	Total indebtedness, Dec. 31, 1939	dollars		([6])	300,225	152,000	104,781	20,560	.....	[7] 1,605,277
67	Enterprises reporting	number		1	1	3	3	1	.....	12
68	Land in these enterprises	acres		([6])	208,000	58,407	103,813	3,332	.....	[7] 1,605,277
69	Average indebtedness per acre	dollars		([6])	1.44	2.60	1.01	6.17	.....	[7] 1.00
70	Indebtedness in arrears, Dec. 31, 1939	dollars		.....	.....	.....	.....	2,560	.....	([5])
71	Enterprises reporting	number		.....	.....	.....	.....	1	.....	1
72	Land in these enterprises	acres		.....	.....	.....	.....	3,332	.....	([5])
73	Average arrearage per acre	dollars		.....	.....	.....	.....	0.77	.....	([5])
74	Reduction of debt by refinancing, prior to 1940	dollars		.....	.....	.....	.....	.....	.....	([5])
75	Enterprises reporting	number		.....	.....	.....	.....	.....	.....	1
76	Land in these enterprises	acres		.....	.....	.....	.....	.....	.....	([5])
77	Average reduction per acre	dollars		.....	.....	.....	.....	.....	.....	([5])

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Austin, Colorado, Hudspeth, Jefferson, Lampasas, Liberty, Maverick, Nueces, Refugio, Ward, and Wharton Counties in 1940; Bowie, Chambers, Colorado, De Witt, Henderson, Hidalgo, Hudspeth, Jefferson, Liberty, Nueces, Red River, Refugio, Ward, and Wharton Counties in 1930; and Colorado, De Witt, Henderson, Jefferson, Liberty, Nueces, Ward, and Wharton Counties in 1920. [3] Data in lines 46 and 47 are not included in lines 34 to 45. [4] Includes enterprises in Chambers and Fort Bend Counties to avoid disclosures with respect to individual enterprises; also includes 1 enterprise operating pumping plant reporting cost of operation and maintenance. [5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnotes 1, 4, and 6. [6] Included with "Other counties." [7] Includes data for enterprises in Hidalgo and Matagorda Counties to avoid disclosures of individual enterprises.

UTAH

Location of Land in Drainage Enterprises



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STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State....acres....	52,701,440	52,597,760	52,597,760	.....	.....	.....	.....
Land in drainage enterprises....acres....	202,058	156,052	113,823	46,006	29.5	42,229	37.1
Improved....acres....	135,666	137,962	97,314	-2,296	-1.7	40,648	41.8
Unimproved:							
Timber and cut-over....acres....	300	4,759	.....	-4,459	-93.7	.....	.....
Other....acres....	66,092	13,331	16,509	52,761	395.8	-3,178	-19.2
Drainage sufficient for normal crop....acres....	123,237	142,941	[1]	-19,704	-13.8	.....	.....
Partly drained, for partial crop....acres....	37,659	7,511	[1]	30,148	401.4	.....	.....
Unfit to raise any crop for lack of drainage....acres....	41,162	5,600	[2] 88,181	35,562	635.0	-82,581	-93.6
In occupied farms....acres....	140,148	109,518	[1]	30,630	28.0	.....	.....
In planted crops....acres....	95,451	90,368	[1]	5,083	5.6	.....	.....
Idle....acres....	35,768	60,946	[1]	-25,178	-41.3	.....	.....
Available for settlement....acres....	7,259	20,651	[1]	-13,392	-64.8	.....	.....
Open ditches, completed....miles....	267.8	304.3	120.3	-36.5	-12.0	184.0	153.0
Tile drains, completed....miles....	1,618.6	1,944.5	599.1	-325.9	-16.8	1,345.4	224.6
Capital invested in enterprises....dollars..	4,869,273	4,772,000	1,005,473	97,273	2.0	3,766,527	374.6
Average per acre....dollars..	24.10	30.58	8.83	-6.48	-21.2	21.75	246.3

[1] Not available.

[2] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	204,150	156,052	113,823	202,058	1,000 to 1,999 acres.....	12,884	53,081	29,104	12,884
					2,000 to 4,999 acres.....	46,831			46,831
100 to 199 acres.....	125	190	.....	125	5,000 to 9,999 acres.....	11,292	15,545	5,280	9,200
200 to 499 acres.....	378	.....	.....	378	10,000 to 19,999 acres.....	22,259	85,405	77,690	22,259
500 to 999 acres.....	3,020	1,831	1,749	3,020	20,000 to 49,999 acres.....	107,361			107,361

[1] The sum of the areas in the individual enterprises, without deducting for overlapping.

[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	202,058	100.0	4,869,273	100.0
Drainage districts.....	148,677	73.6	4,617,869	94.8
Irrigation enterprises—Federal.....	41,361	20.5	57,304	1.2
Individually owned projects.....	12,020	5.9	194.100	4.0

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	202,058	100.0	156,052	100.0	113,823	100.0	4,869,273	100.0	4,772,000	100.0	1,005,473	100.0
Gravity drainage only by—												
Open ditches.....	62,797	31.1	19,324	12.4	1,050	0.9	350,934	7.2	254,900	5.3	10,000	1.0
Tile drains.....	25,350	12.5	12,210	7.8	4,321	3.8	670,325	13.8	305,000	6.4	113,550	11.3
Open ditches and tile drains..	113,911	56.4	124,518	79.8	108,452	95.3	3,848,014	79.0	4,212,100	88.3	881,923	87.7

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Acres*	*Acres*
All enterprises.....	202,058	100.0	156,052	100.0	4,869,273	100.0	4,772,000	100.0	49,767	95,949
Enterprises in arrears—with some delinquent land.....	74,501	36.9	102,651	65.8	2,777,414	57.0	3,799,100	79.6	46,550	90,325
Enterprises not in arrears.....	127,557	63.1	53,401	34.2	2,091,859	43.0	972,900	20.4	3,217	5,224
With some delinquent land.....	26,856	13.3	30,991	19.8	554,155	11.4	615,000	12.9	3,217	5,224
With no delinquent land.....	98,101	48.5	18,110	11.6	1,472,704	30.3	327,900	6.9	.....	.....
With no report on delinquency.....	2,600	1.3	4,300	2.8	65,000	1.3	30,000	0.6	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Acres*	*Dollars*
All enterprises	202,058	4,869,273	2,769,190	2,317,670	33,500	49,767	34,540
Enterprises in debt	107,119	3,516,539	2,769,190	2,317,670	31,500	49,078	32,910
In arrears, amount of arrearage stated	74,501	2,777,414	2,547,690	2,317,670	.....	46,550	14,903
Collecting drainage taxes in 1939	61,668	2,342,314	2,210,690	2,190,690	.....	33,717	14,903
No collections reported	12,833	435,100	337,000	126,980	.....	12,833	.....
Not in arrears	32,618	739,125	221,500	.....	31,500	2,528	18,007
Collecting drainage taxes in 1939	25,050	503,000	164,500	.....	26,500	1,666	18,007
No collections reported	7,568	236,125	57,000	.....	5,000	862	.....
Enterprises not in debt	91,152	1,283,734	.....	.....	.....	689	1,280
Collecting drainage taxes in 1939	17,066	229,530	.....	.....	.....	689	1,280
No collections reported	74,086	1,054,204	.....	.....	.....	.....	.....
Enterprises not reporting as to debt	3,787	69,000	.....	.....	2,000	.....	350
Collecting drainage taxes in 1939	1,187	4,000	.....	.....	2,000	.....	350
No collections reported	2,600	65,000	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*		*Acres*	*Percent*	*Dollars*	*Percent*
All enterprises	202,058	100.0	4,869,273	100.0	Protection against overflow	6,281	3.1	76,775	1.6
Improvement of land already in farms	75,517	37.4	2,501,394	51.4	Removal of alkali or seepage from irrigation	118,210	58.5	2,231,104	45.8
Reclamation of swamp land not previously in farms	2,050	1.0	60,000	1.2					

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	202,058	100.0	204,150	2,092	4,869,273	100.0
1900–1904	3,500	1.7	3,500	.....	50,000	1.0
1905–1909	41,361	20.5	41,361	.....	57,304	1.2
1910–1914	9,200	4.6	11,292	2,092	405,000	8.3
1915–1919	95,166	47.1	95,166	.....	3,114,639	64.0
1920–1924	27,928	13.8	27,928	.....	486,630	10.0
1925–1929	22,600	11.2	22,600	.....	728,100	14.9
1930–1934	1,925	0.9	1,925	.....	22,600	0.5
1935–1939	378	0.2	378	.....	5,000	0.1

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	202,058	123,237	61.0	37,659	41,162	135,666	67.1	300	66,092	140,148	69.4	95,451	35,768	7,259
1900–1904	3,500	3,500	100.0	.....	.....	3,500	100.0	.....	.....	3,500	100.0	3,500	.....	.....
1905–1909	41,361	5,245	12.7	10,815	25,301	10,490	25.4	.....	30,871	10,490	25.4	10,490	.....	.....
1910–1914	9,200	6,267	68.1	2,231	702	9,200	100.0	.....	.....	8,800	95.6	7,837	884	.....
1915–1919	95,166	66,333	69.7	24,413	4,420	63,384	66.6	300	31,482	64,627	67.9	40,804	33,062	7,259
1920–1924	27,928	23,989	85.9	200	3,739	24,189	86.6	.....	3,739	27,828	99.6	21,917	1,822	.....
1925–1929	22,600	15,600	69.0	.....	7,000	22,600	100.0	.....	.....	22,600	100.0	8,600	.....	.....
1930–1934	1,925	1,925	100.0	.....	.....	1,925	100.0	.....	.....	1,925	100.0	1,925	.....	.....
1935–1939	378	378	100.0	.....	.....	378	100.0	.....	.....	378	100.0	378	.....	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	202,058	100.0	4,869,273	100.0
Method:				
By district forces	187,002	92.5	4,392,973	90.2
Work apportioned to landowners	9,075	4.5	232,525	4.8
"None," or not reporting	5,981	3.0	243,775	5.0
Whether systematic:				
Reporting "yes"	165,475	81.9	3,474,173	71.3
Reporting "no"	36,583	18.1	1,395,100	28.7

STATE TABLE 11.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	202,058	198,258	121,372	76,886	22,100	0.11	0.18
Gravity drainage only	202,058	198,258	121,372	76,886	22,100	0.11	0.18
Open ditches only	62,797	62,797	17,536	45,261	3,064	0.05	0.17
Tile drains only	25,350	21,550	16,650	4,900	1,400	0.06	0.08
Open ditches and tile drains	101,911	101,911	75,186	26,725	16,636	0.16	0.22
Open ditches, tile drains, and levees	12,000	12,000	12,000	.....	1,000	0.08	0.08

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	202,058	119,361	59.1
Capital invested.....dollars	4,869,273	2,534,618	52.1
Drainage works:			
Open ditches.....miles	267.8	127.5	47.6
Tile drains.....miles	1,618.6	1,022.0	63.1
Levees.....miles	5.0	5.0	100.0

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	21,890	474,000	22.2	294.9	5.0
Work Projects Administration	21,890	474,000	22.2	294.9	5.0

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Box Elder	Cache	Davis	Duchesne[1]	Millard	Sevier	Utah	Other counties[2]
	LAND AREA									
1	Approximate land area.....acres....1940..	52,701,440	3,580,160	752,000	171,520	2,086,400	4,254,720	1,236,480	1,278,720	1,511,040
2	Drainage enterprises.....number...1940..	[3] 37	6	7	3	1	5	7	5	3
3	Land in enterprises.....acres....1940..	202,058	26,220	12,324	4,156	41,361	80,059	13,337	11,590	13,011
4	1930..	156,052	16,900	9,420	[4]	.....	83,697	13,810	11,961	20,244
5	1920..	113,823	12,690	[4]	.....	.....	76,634	11,647	[4]	12,852
6	Area of all enterprises, overlapping included.....acres....1940..	204,150	26,220	12,324	4,156	41,361	82,151	13,337	11,590	13,011
7	Amount of overlapping.....acres....1940..	2,092	.....	.....	.....	.....	2,092	.....	.....	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop.....acres....1940..	123,237	21,220	11,244	4,156	5,245	52,126	10,677	9,697	8,872
9	1930..	142,941	14,900	8,820	[4]	.....	81,697	10,550	10,000	16,874
10	Increase or decrease (-), 1930-1940.....acres.....	-19,704	6,320	2,424	.....	5,245	-29,571	27	-303	-8,002
11	percent.....	-13.8	42.4	27.5	.....	.....	-36.2	0.2	-3.0	-47.4
12	Land undrained, unfit for any crop.....acres....1940..	41,162	1,400	.....	.....	25,301	9,302	1,420	100	3,639
13	1930..	5,600	.....	200	[4]	.....	2,000	760	420	2,220
14	Increase or decrease (-), 1930-1940.....acres.....	35,562	1,400	-200	.....	25,301	7,302	660	-320	1,419
15	percent.....	635.0	.....	-100.0	.....	.....	365.1	86.8	-76.2	63.9
16	Land partly drained, for partial crop.....acres....1940..	37,659	3,600	1,080	.....	10,815	18,631	1,240	1,793	500
17	1930..	7,511	2,000	400	[4]	.....	.....	2,400	1,561	1,150
18	Increase or decrease (-), 1930-1940.....acres.....	30,148	1,600	680	.....	10,815	18,631	-1,160	232	-650
19	percent.....	401.4	80.0	170.0	.....	.....	.....	-48.3	14.9	-56.5
20	Improved land.....acres....1940..	135,666	26,220	12,144	4,156	10,490	54,300	12,737	10,247	5,372
21	1930..	137,962	12,900	9,420	[4]	.....	77,438	12,910	10,550	14,744
22	1920..	97,314	7,245	[4]	.....	.....	76,634	6,485	[4]	6,950
	Unimproved land:									
23	Woodland and cut-over land.....acres....1940..	300	.....	.....	.....	.....	.....	300	.....	.....
24	1930..	4,759	.....	.....	.....	.....	4,259	.....	500	.....
25	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land.....acres....1940..	66,092	.....	180	.....	30,871	25,759	300	1,343	7,639
27	1930..	13,331	4,000	.....	.....	.....	2,000	900	931	5,500
28	1920..	16,509	5,445	[4]	.....	.....	.....	5,162	[4]	5,902
29	Land in occupied farms.....acres....1940..	140,148	21,820	12,324	4,156	10,490	54,300	12,557	11,490	13,011
30	1930..	109,518	12,900	9,220	[4]	.....	49,374	12,730	10,550	14,744
31	Increase or decrease (-), 1930-1940.....acres.....	30,630	8,920	3,104	.....	10,490	4,926	-173	940	-1,733
32	percent.....	28.0	69.1	33.7	.....	.....	9.8	-1.4	8.9	-11.8
33	Land in planted crops.....acres....1940..	95,451	21,770	12,044	3,336	10,490	21,837	11,407	9,997	4,570
34	1930..	90,368	11,800	8,298	[4]	.....	44,670	9,950	9,800	5,850
35	Increase or decrease (-), 1930-1940.....acres.....	5,083	9,970	3,746	.....	10,490	-22,833	1,457	197	-1,280
36	percent.....	5.6	84.5	45.1	.....	.....	-51.1	14.6	2.0	-21.9
37	Land idle.....acres....1940..	35,768	3,400	180	820	.....	24,243	880	1,443	4,802
38	1930..	60,946	5,000	200	[4]	.....	38,552	2,300	1,400	13,494
39	Increase or decrease (-), 1930-1940.....acres.....	-25,178	-1,600	-20	.....	.....	-14,309	-1,420	43	-8,692
40	percent.....	-41.3	-32.0	-10.0	.....	.....	-37.1	-61.7	3.1	-64.4
41	Land available for settlement.....acres....1940..	7,259	1,000	.....	.....	.....	3,759	.....	.....	2,500
42	1930..	20,651	3,000	.....	.....	.....	12,551	.....	1,000	4,100
43	Increase or decrease (-), 1930-1940.....acres.....	-13,392	-2,000	.....	.....	.....	-8,792	.....	-1,000	-1,600
44	percent.....	-64.8	-66.7	.....	.....	.....	-70.0	.....	-100.0	-39.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only.....acres.....	62,797	.....	9,844	1,981	41,361	.....	.....	600	9,011
46	Length of these ditches.....miles.....	78.0	.....	39.0	8.5	8.5	.....	.....	2.0	20.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	25,350	10,720	2,480	.....	.....	.....	12,150	.....	.....
53	Length of these tile.....miles.....	236.5	66.5	35.0	.....	.....	.....	135.0	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	101,911	3,500	.....	2,175	.....	80,059	1,187	10,990	4,000
60	Length of these open ditches.....miles.....	184.8	10.0	.....	1.6	.....	142.0	1.0	20.2	10.0
61	Length of these tile.....miles.....	1,170.1	13.0	.....	27.0	.....	989.0	15.2	75.9	50.0
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	12,000	12,000	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	5.0	5.0	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	212.0	212.0	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	5.0	5.0	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected.
[2] Includes Salt Lake and Sanpete Counties in 1940; Davis, Salt Lake, and Sanpete Counties in 1930; and Cache, Salt Lake, and Utah Counties in 1920.
[3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 36.
[4] Included in "Other counties."

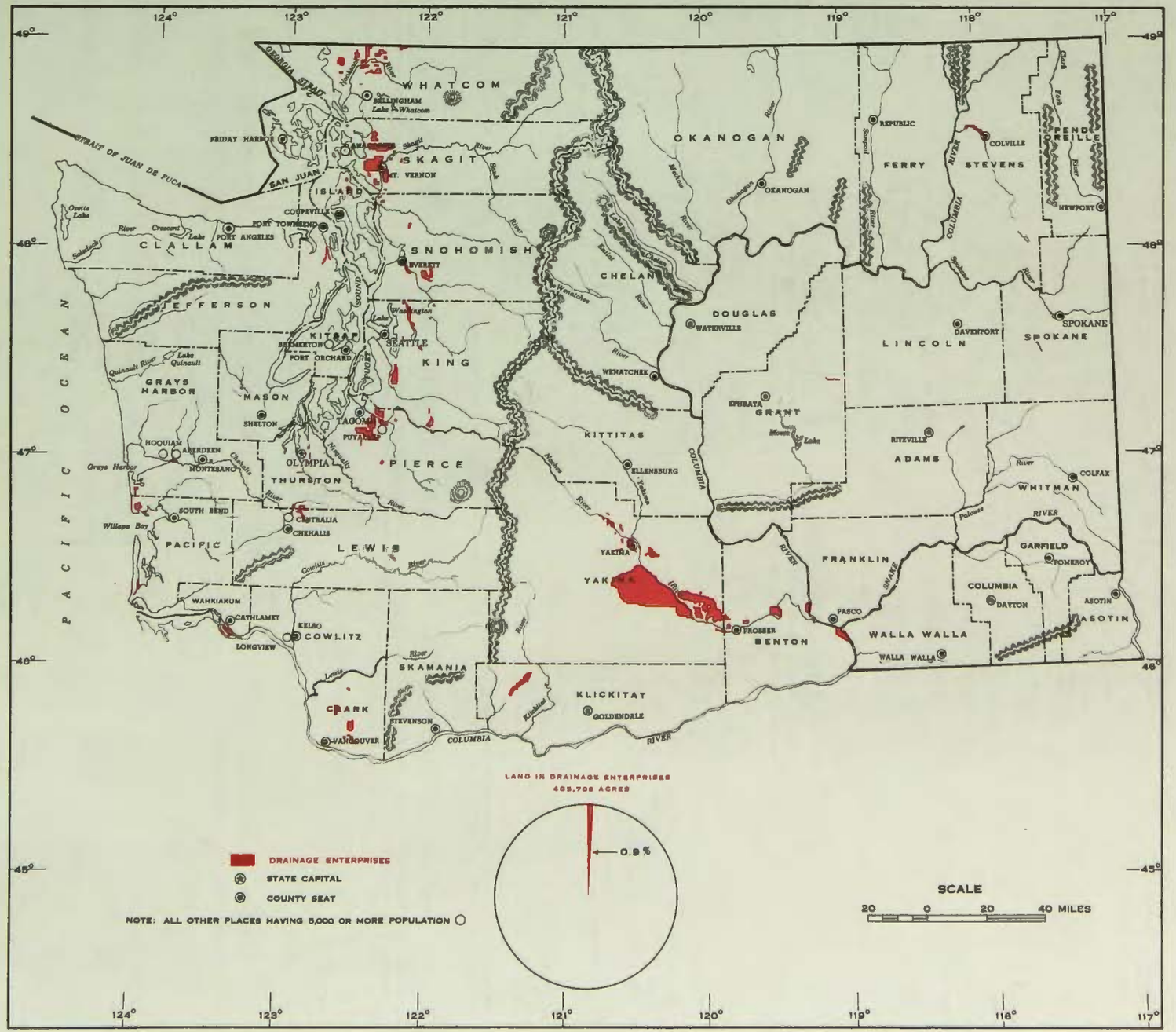
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Box Elder	Cache	Davis	Duchesne[1]	Millard	Sevier	Utah	Other counties[2]
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	[3] 37	6	7	3	1	5	7	5	3
	Open ditches:									
2	Completed.....miles.....1940..	267.8	15.0	39.0	10.1	8.5	142.0	1.0	22.2	30.0
3	1930..	304.3	10.0	16.2	[4]	.....	226.0	4.0	15.0	33.1
4	1920..	120.3	15.0	[4]	.....	.....	89.6	1.2	[4]	14.5
5	Additional length authorized.....miles.....1940..	24.0	.....	.....	.....	.....	24.0	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	1,618.6	291.5	35.0	27.0	.....	989.0	150.2	75.9	50.0
7	1930..	1,944.5	250.0	54.0	[4]	.....	1,225.0	89.5	233.0	93.0
8	1920..	599.1	206.6	[4]	.....	.....	237.0	81.5	[4]	74.0
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed.....miles.....1940..	5.0	5.0	.....	.....	.....	.....	.....	.....	.....
11	1930..	2.0	.....	.....	.....	.....	.....	.....	2.0	.....
12	1920..	2.0	.....	[4]	.....	.....	.....	.....	[4]	2.0
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	4,869,273	456,000	167,730	108,375	57,304	3,040,414	369,125	309,000	361,325
26	1930..	4,772,000	281,000	171,800	[4]	.....	3,163,000	322,500	310,000	523,700
27	1920..	1,005,473	188,500	[4]	.....	.....	428,157	213,816	[4]	175,000
28	Estimated cost when completed.....dollars.....1940..	4,941,273	456,000	167,730	108,375	57,304	3,110,414	371,125	309,000	361,325
29	1930..	4,804,000	281,000	180,800	[4]	.....	3,163,000	322,500	310,000	546,700
30	1920..	2,870,773	188,500	[4]	.....	.....	2,028,957	333,316	[4]	320,000
31	Average cost per acre when completed.....dollars.....1940..	24.45	17.39	13.61	26.08	1.39	38.85	27.83	26.66	27.77
32	1930..	30.78	16.63	19.19	[4]	.....	37.79	23.35	25.87	27.01
33	1920..	25.22	14.85	[4]	.....	.....	26.48	28.62	[4]	24.90
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	350,934	.....	68,530	43,775	57,304	.....	.....	20,000	161,325
35	Average amount per acre.....dollars..	5.59	.....	6.96	22.10	1.39	.....	.....	33.33	17.90
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	670,325	206,000	99,200	.....	.....	.....	365,125	.....	.....
39	Average amount per acre.....dollars..	26.44	19.22	40.00	.....	.....	.....	30.05	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	3,720,014	50,000	.....	64,600	.....	3,110,414	6,000	289,000	200,000
43	Average amount per acre.....dollars..	36.50	14.28	.....	29.70	.....	38.85	5.05	26.30	50.00
44	Enterprises having ditches, tile, and levees.....dollars..	200,000	200,000	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	16.67	16.67	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	22,100	1,500	867	[5]	.....	10,992	1,250	5,278	[5]
53	Enterprises reporting.....number...	25	5	5	2	.....	3	4	4	2
54	Land in these enterprises.....acres....	121,372	25,700	6,544	[5]	.....	57,459	7,637	10,990	[5]
55	Average cost per acre.....dollars..	0.18	0.06	0.13	[5]	.....	0.19	0.16	0.48	[5]
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	5	1	.....	.....	.....	.....	1	3	.....
57	Land in these enterprises.....acres....	21,890	[5]	.....	.....	.....	.....	[5]	7,990	.....
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	34,540	6,307	980	.....	.....	12,001	[5]	[5]	[5]
59	Enterprises reporting.....number...	17	5	4	.....	.....	3	2	2	1
60	Land in these enterprises.....acres....	104,971	25,700	6,166	.....	.....	57,459	[5]	[5]	[5]
61	Average amount collected per acre.....dollars..	0.33	0.24	0.16	.....	.....	0.21	[5]	[5]	[5]
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	49,767	[5]	689	[5]	.....	30,492	[5]	[5]	12,027
63	Enterprises reporting.....number...	16	2	3	2	.....	3	1	2	3
64	Land in these enterprises.....acres....	101,357	[5]	3,666	[5]	.....	57,459	[5]	[5]	13,011
65	Portion delinquent in these enterprises.....percent..	49.1	[5]	18.8	[5]	.....	53.1	[5]	[5]	92.4
66	Total indebtedness, Dec. 31, 1939.....dollars..	2,769,190	[5]	[5]	[5]	.....	2,188,500	45,500	101,500	259,227
67	Enterprises reporting.....number...	18	2	1	2	.....	3	3	4	3
68	Land in these enterprises.....acres....	107,119	[5]	[5]	[5]	.....	57,459	6,450	10,990	13,011
69	Average indebtedness per acre.....dollars..	25.85	[5]	[5]	[5]	.....	38.09	7.05	9.24	19.92
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	2,317,670	.....	.....	[4]	.....	2,178,500	.....	.....	[6] 139,170
71	Enterprises reporting.....number...	8	.....	.....	2	.....	3	.....	.....	3
72	Land in these enterprises.....acres....	74,501	.....	.....	[4]	.....	57,459	.....	.....	[6] 17,042
73	Average arrearage per acre.....dollars..	31.11	.....	.....	[4]	.....	37.91	.....	.....	[6] 8.17
74	Reduction of debt by refinancing, prior to 1940.....dollars..	33,500	[5]	.....	.....	.....	.....	[5]	[5]	.....
75	Enterprises reporting.....number...	4	1	.....	.....	.....	.....	2	1	.....
76	Land in these enterprises.....acres....	12,337	[5]	.....	.....	.....	.....	[5]	[5]	.....
77	Average reduction per acre.....dollars..	2.71	[5]	.....	.....	.....	.....	[5]	[5]	.....

[1] For counties having less than 3 enterprises reporting, statistics are shown only by written permission of each enterprise affected. [2] Includes Salt Lake and Sanpete Counties in 1940; Davis, Salt Lake, and Sanpete Counties in 1930; and Cache, Salt Lake, and Utah Counties in 1920. [3] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 36. [4] Included in "Other counties." [5] Where there are less than 3 enterprises reporting, data are included only in the State totals. [6] Includes data for Davis County in addition to the counties given in footnote 2.

WASHINGTON

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	42,865,280	42,775,040	42,775,040	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	405,709	367,242	94,924	38,467	10.5	272,318	286.9
Improved.....acres.....	349,576	332,265	81,886	17,311	5.2	250,379	305.8
Unimproved:							
Timber and cut-over.....acres.....	39,715	18,531	850	21,184	114.3	17,681	[1]
Other.....acres.....	16,418	16,446	12,188	-28	-0.2	4,258	34.9
Drainage sufficient for normal.....acres.....	368,293	329,166	[2]	39,127	11.9	.....	.....
Partly drained, for partial crop.....acres.....	31,513	28,197	[2]	3,316	11.8	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	5,903	9,879	[3] 10,873	-3,976	-40.2	-994	-9.1
In occupied farms.....acres.....	380,964	351,898	[2]	29,066	8.2	.....	.....
In planted crops.....acres.....	332,672	309,818	[2]	22,854	7.4	.....	.....
Idle.....acres.....	13,197	33,764	[2]	-20,567	-60.9	.....	.....
Available for settlement.....acres.....	1,790	4,653	[2]	-2,863	-61.5	.....	.....
Open ditches, completed.....miles.....	885.0	746.7	162.4	138.3	18.5	584.3	359.8
Tile drains, completed.....miles.....	179.0	199.2	83.0	-20.2	-10.1	116.2	140.0
Drainage pumping plants, capacity.....horsepower....	1,305	982	.....	323	32.9	982	.....
gal. per min..	240,750	184,500	.....	56,250	30.5	184,500	.....
Capital invested in enterprises.....dollars.....	5,332,842	4,637,576	1,397,419	695,266	15.0	3,240,157	231.9
Average per acre.....dollars.....	13.14	12.63	14.72	0.51	4.0	-2.09	-14.2

[1] Percent not shown when more than 1,000. [2] Not available. [3] Reported as "Swampy, subject to overflow, seeped, or alkali."

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940
	Acres	Acres	Acres	Acres
All enterprises	433,340	394,851	105,477	405,709
Less than 100 acres	285	156	322	285
100 to 199 acres	1,765	1,756		1,266
200 to 499 acres	11,062	9,314	1,625	10,739
500 to 999 acres	36,322	32,331	9,161	34,571
1,000 to 1,999 acres	63,978	139,169	52,820	55,545
2,000 to 4,999 acres	66,828			62,531
5,000 to 9,999 acres	85,877	74,317	19,649	73,549
10,000 to 19,999 acres	10,392	47,808	21,900	10,392
20,000 to 49,999 acres	24,831			24,831
50,000 to 99,999 acres	.....	90,000	.....	.....
100,000 to 199,999 acres	132,000	.....	.....	132,000

[1] The sum of the areas in the individual enterprises, without deduction for overlapping.
[2] Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested		CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	405,709	100.0	5,332,842	100.0	Irrigation enterprises:				
					Federal	132,000	32.5	794,480	14.9
Drainage districts	256,410	63.2	4,416,541	82.8	Other	8,390	2.1	32,600	0.6
Township drains	7,629	1.9	69,221	1.3	Individually owned projects	1,280	0.3	20,000	0.4

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	Percent	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Dollars	Percent
All enterprises	405,709	100.0	367,242	100.0	94,924	100.0	5,332,842	100.0	4,637,576	100.0	1,397,419	100.0
Gravity drainage only by—												
Open ditches	296,405	73.0	252,338	68.7			2,569,717	48.2	2,223,066	47.9		
Tile drains	14,868	3.7	26,414	7.2			433,676	8.1	595,223	12.8		
Open ditches and tile drains	59,926	14.8	61,178	16.7			1,227,759	23.0	1,341,953	29.0		
All drained by pumping by—												
Open ditches	8,945	2.2					364,894	6.8				
Tile drains	2,020	0.5	9,420	2.5	.....	.....	144,203	2.7	192,479	4.2	.....	.....
Open ditches and tile drains	7,955	2.0					127,779	2.4				
Part only by pumping by—												
Open ditches	6,018	1.5					142,314	2.7				
Tile drains	.....	.....	17,892	4.9	.....	.....	.....	.....	284,855	6.1	.....	.....
Open ditches and tile drains	9,572	2.3					322,500	6.1				
Total area served by pumps	26,745	6.6	19,857	5.4	.....	.....	.....	.....	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.

STATE TABLE 5.—PUMPING PLANTS AND LAND SERVED, BY KIND OF POWER: JAN. 1, 1940 AND 1930

KIND OF POWER		Enterprises	CAPACITY: Engine or motor		CAPACITY: Pump	Land served
		Number	Hp.	Percent	G.p.m.	Acres
All pumping enterprises	1940	16	1,305	100.0	240,750	26,745
	1930	11	982	100.0	184,500	19,857
Electric	1940	11	655	50.2	113,250	19,180
	1930	9	925	94.2	174,500	18,236
Internal combustion	1940	4	220	16.8	47,500	4,965
	1930	2	57	5.8	10,000	1,621
Steam and internal combustion	1940	1	430	33.0	80,000	2,600
	1930	.....	.....	.....	.....	.....

STATE TABLE 6.—PUMPING PLANTS AND LAND SERVED, BY KIND OF PUMP: JAN. 1, 1940 AND 1930

KIND OF PUMP		PUMPS: Number	PUMPS: Capacity		Engine or motor capacity	Land served
			G.p.m.	Percent	Hp.	Acres
All pumping enterprises	1940	24	240,750	100.0	1,305	26,745
	1930	18	184,500	100.0	982	19,857
Centrifugal	1940	12	75,750	31.5	465	15,858
	1930	18	184,500	100.0	982	19,857
Rotary	1940	3	16,000	6.7	75	2,590
	1930	.....	.....	.....	.....	.....
Turbine	1940	1	28,000	11.6	100	2,000
	1930	.....	.....	.....	.....	.....
Centrifugal and—Rotary	1940	3	80,000	33.2	430	2,600
	1930	.....	.....	.....	.....	.....
Turbine	1940	5	41,000	17.0	235	3,697
	1930	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES: 1940 Acres	1940 Percent	1930 Acres	1930 Percent	CAPITAL INVESTED: 1940 Dollars	1940 Percent	1930 Dollars	1930 Percent	AREA DELINQUENT[1]: 1940 Acres	1930 Acres
All enterprises	405,709	100.0	367,242	100.0	5,332,842	100.0	4,637,576	100.0	16,763	16,280
Enterprises in arrears	32,214	7.9	59,616	16.2	1,173,048	22.0	1,358,221	29.3	3,890	7,673
With some delinquent land	16,099	3.9	46,426	12.6	700,949	13.1	1,185,448	25.6	3,890	7,673
With no delinquent land	16,115	4.0	9,390	2.6	472,099	8.9	153,617	3.3	.....	.....
With no report on delinquency	.....	.....	3,800	1.0	.....	.....	19,156	0.4	.....	.....
Enterprises not in arrears	373,025	91.9	307,626	83.8	4,154,294	77.9	3,279,355	70.7	12,873	8,607
With some delinquent land	51,039	12.6	55,845	15.2	1,199,254	22.5	1,138,264	24.6	12,873	8,607
With no delinquent land	317,333	78.2	222,448	60.6	2,888,040	54.2	1,652,197	35.6	.....	.....
With no report on delinquency	4,653	1.1	29,333	8.0	67,000	1.2	488,894	10.5	.....	.....
Enterprises not reporting on arrearage	470	0.2	.....	.....	5,500	0.1	.....	.....	.....	.....
With some delinquent land	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
With no delinquent land	210	0.1	.....	.....	1,500	[2]	.....	.....	.....	.....
With no report on delinquency	260	0.1	.....	.....	4,000	0.1	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Less than one-tenth of 1 percent.

STATE TABLE 8.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	405,709	5,332,842	490,034	30,852	261,263	16,763	119,361
Enterprises in debt	[2] 89,169	2,480,265	490,034	30,852	248,190	10,322	87,133
In arrears, amount of arrearage stated	21,992	823,866	121,109	30,852	20,187	3,750	9,883
Collecting drainage taxes in 1939	19,995	748,262	77,336	24,398	20,187	3,250	9,883
No collections reported	1,997	75,604	43,773	6,454	.....	500	.....
In arrears, amount not stated	[2] 10,222	349,182	52,500	.....	.....	140	7,500
Collecting drainage taxes in 1939	9,572	322,500	52,500	.....	.....	.....	7,500
No collections reported	[2] 650	26,682	.....	.....	.....	140	.....
Not in arrears	56,485	1,301,717	312,225	.....	228,003	6,432	68,900
Collecting drainage taxes in 1939	56,421	1,299,795	311,112	.....	228,003	6,432	68,900
No collections reported	64	1,922	1,113	.....	.....	.....	.....
Not reporting as to arrears	470	5,500	4,200	.....	.....	.....	850
Collecting drainage taxes in 1939	470	5,500	4,200	.....	.....	.....	850
No collections reported	.....	.....	.....	.....	.....	.....	.....
Enterprises not in debt	305,468	2,692,693	.....	.....	2,293	3,746	27,485
Collecting drainage taxes in 1939	89,940	678,671	.....	.....	2,293	1,558	27,485
No collections reported	215,528	2,014,022	.....	.....	.....	2,188	.....
Enterprises not reporting as to debt	11,072	159,884	.....	.....	10,780	2,695	4,743
Collecting drainage taxes in 1939	9,772	153,884	.....	.....	10,780	2,695	4,743
No collections reported	1,300	6,000	.....	.....	.....	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 650 acres for which amount of indebtedness was not reported.

STATE TABLE 9.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	405,709	100.0	5,332,842	100.0
Improvement of land already in farms	245,405	60.5	3,796,150	71.2
Reclamation of swamp land not previously in farms	15,469	3.8	484,674	9.1
Protection against overflow	7,995	2.0	248,707	4.6
Removal of alkali or seepage from irrigation	136,840	33.7	803,311	15.1

STATE TABLE 10.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	*Percent*	*Total acres*[2]	*Overlapped acres*	*Dollars*	*Percent*
All enterprises	405,709	100.0	433,340	27,631	5,332,842	100.0
1890-1899	16,833	4.1	16,833	.....	142,824	2.7
1900-1904	30,272	7.5	30,272	.....	82,407	1.5
1905-1909	24,781	6.1	33,657	8,876	635,144	11.9
1910-1914	207,225	51.1	220,427	13,202	2,120,077	39.8
1915-1919	35,414	8.7	37,644	2,230	884,421	16.6
1920-1924	59,687	14.7	63,010	3,323	1,239,874	23.2
1925-1929	16,671	4.1	16,671	.....	190,279	3.6
1930-1934	311	0.1	311	.....	4,556	0.1
1935-1939	14,515	3.6	14,515	.....	33,260	0.6

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

[2] The sum of the areas of the individual enterprises.

STATE TABLE 11.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	405,709	368,293	90.8	31,513	5,903	349,576	86.2	39,715	16,418	380,964	93.9	332,672	13,197	1,790
1890-1899	16,833	16,533	98.2	200	100	14,311	85.0	2,222	300	14,537	86.4	13,263	1,226	1,100
1900-1904	30,272	29,641	97.9	.....	631	28,975	95.7	292	1,005	29,053	96.0	28,451	832	.....
1905-1909	24,781	24,541	99.0	50	190	24,188	97.6	289	304	23,898	96.4	23,238	344	.....
1910-1914	207,225	178,490	86.1	25,830	2,905	170,069	82.1	30,229	6,927	196,524	94.8	165,148	1,608	600
1915-1919	35,414	32,013	90.4	2,263	1,138	30,471	86.0	871	4,072	31,857	90.0	29,377	1,301	.....
1920-1924	59,687	57,858	96.9	1,267	562	52,606	88.1	4,172	2,909	55,800	93.5	47,934	6,374	90
1925-1929	16,671	14,845	89.0	1,676	150	14,428	86.5	1,362	881	14,689	88.1	13,692	1,299	.....
1930-1934	311	261	83.9	30	20	281	90.4	20	10	280	90.0	279	.....	.....
1935-1939	14,515	14,111	97.2	197	207	14,247	98.2	258	10	14,326	98.7	11,290	213	.....

[1] Land included in more than 1 enterprise is tabulated only in the last organized.

STATE TABLE 12.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	405,709	405,492	215,242	190,250	68,904	0.17	0.32
Gravity drainage only	371,199	370,982	181,889	189,093	43,966	0.12	0.24
Open ditches only	282,095	282,095	106,202	175,893	18,223	0.06	0.17
Open ditches and levees	14,310	14,310	12,550	1,760	7,231	0.50	0.58
Tile drains only	14,868	14,651	12,134	2,517	2,321	0.16	0.19
Open ditches and tile drains	50,475	50,475	41,552	8,923	11,991	0.24	0.29
Open ditches, tile drains, and levees	9,451	9,451	9,451	.....	4,200	0.44	0.44
Pumping for all or part of drainage	34,510	34,510	33,353	1,157	24,938	0.72	0.75
All drainage by pumping	18,920	18,920	17,763	1,157	14,991	0.79	0.84
Part pumping and part gravity	15,590	15,590	15,590	.....	9,947	0.64	0.64

STATE TABLE 13.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	405,709	100.0	5,332,842	100.0
Method:				
By district forces	336,428	82.9	4,452,359	83.5
By contract	10,279	2.5	105,208	2.0
Work apportioned to landowners	46,421	11.5	617,337	11.6
"None," or not reporting	12,581	3.1	157,938	2.9
Whether systematic:				
Reporting "yes"	238,774	58.9	4,172,178	78.2
Reporting "no"	166,935	41.1	1,160,664	21.8

STATE TABLE 14.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	405,709	9,244	2.3
Capital invested.....dollars	5,332,842	163,684	3.1
Drainage works:			
Open ditches.....miles	885.0	26.1	2.9
Tile drains.....miles	179.0	2.6	1.4
Levees.....miles	72.4	11.1	15.3

STATE TABLE 15.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	119,678	1,971,101	312.2	57.7	67.4
Work Projects Administration	113,541	1,662,148	277.0	57.7	22.7
Corps of Engineers, U. S. A.	3,337	283,953	29.7	.....	44.7
Other	2,800	25,000	5.5	.....	.....

STATE TABLE 16.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres	405,709	[1] 38,327	9.4
Capital invested.....dollars	5,332,842	737,099	13.8
Drainage works:			
Open ditches.....miles	885.0	159.0	18.0
Tile drains.....miles	179.0	18.2	10.2
Levees.....miles	72.4	10.6	14.6

[1] The land actually dependent upon outside agencies for protection is 29,240 acres, which is 76.3 percent of all land in these protected enterprises.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATE	Benton	Clark	Grant[1]	Grays Harbor	Island	Jefferson[1]	King
	LAND AREA										
1	Approximate land area	acres	1940	42,865,280	1,112,320	405,120	1,777,280	1,219,200	131,840	1,159,680	1,367,040
2	Drainage enterprises	number	1940	[2] 169	12	7	1	3	4	1	11
3	Land in enterprises	acres	1940	405,709	22,849	11,662	1,280	3,123	3,342	2,330	35,249
4			1930	367,242	17,892	10,559	([3])	([3])	([3])	([3])	34,494
5			1920	94,924	10,340	.....	.....	.....	.....	.....	.....
6	Area of all enterprises, overlapping included	acres	1940	433,340	23,256	11,662	1,280	3,123	3,342	2,330	35,543
7	Amount of overlapping	acres	1940	27,631	407	.....	.....	.....	.....	.....	294
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres	1940	368,293	15,141	10,757	1,280	3,123	3,292	2,180	34,055
9			1930	329,166	17,736	10,359	([3])	([3])	([3])	([3])	32,201
10	Increase or decrease (-), 1930-1940	acres		39,127	-2,595	398	.....	.....	.....	.....	1,854
11		percent		11.9	-14.6	3.8	.....	.....	.....	.....	5.8
12	Land undrained, unfit for any crop	acres	1940	5,903	2,643	158	.....	.....	20	150	725
13			1930	9,879	156	200	.....	.....	([3])	.....	395
14	Increase or decrease (-), 1930-1940	acres		-3,976	2,487	-42	.....	.....	.....	.....	330
15		percent		-40.2	([4])	-21.0	.....	.....	.....	.....	83.5
16	Land partly drained, for partial crop	acres	1940	31,513	5,065	747	.....	.....	30	.....	469
17			1930	28,197	.....	.....	.....	.....	([3])	.....	1,898
18	Increase or decrease (-), 1930-1940	acres		3,316	5,065	747	.....	.....	.....	.....	-1,429
19		percent		11.8	.....	.....	.....	.....	.....	.....	-75.3
20	Improved land	acres	1940	349,576	16,825	9,440	1,280	2,170	2,292	2,180	33,627
21			1930	332,265	17,736	8,129	([3])	([3])	([3])	([3])	31,133
22			1920	81,886	9,715	.....	.....	.....	.....	.....	.....
	Unimproved land:										
23	Woodland and cut-over land	acres	1940	39,715	5	2,026	.....	.....	1,040	150	282
24			1930	18,531	.....	2,430	.....	.....	([3])	([3])	1,118
25			1920	850	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land	acres	1940	16,418	6,019	196	.....	953	10	.....	1,340
27			1930	16,446	156	.....	.....	([3])	([3])	.....	2,243
28			1920	12,188	625	.....	.....	.....	.....	.....	.....
29	Land in occupied farms	acres	1940	380,964	19,411	11,465	1,200	2,610	2,272	2,180	34,207
30			1930	351,898	17,777	10,559	([3])	([3])	([3])	([3])	32,396
31	Increase or decrease (-), 1930-1940	acres		29,066	1,634	906	.....	.....	.....	.....	1,811
32		percent		8.2	9.2	8.6	.....	.....	.....	.....	5.6
33	Land in planted crops	acres	1940	332,672	16,327	8,869	1,160	1,930	2,160	2,070	33,192
34			1930	309,818	17,014	7,774	([3])	([3])	([3])	([3])	30,215
35	Increase or decrease (-), 1930-1940	acres		22,854	-687	1,095	.....	.....	.....	.....	2,977
36		percent		7.4	-4.0	14.1	.....	.....	.....	.....	9.8
37	Land idle	acres	1940	13,197	300	2,497	.....	1,080	.....	.....	1,771
38			1930	33,764	177	920	.....	([3])	([3])	([3])	2,647
39	Increase or decrease (-), 1930-1940	acres		-20,567	123	1,577	.....	.....	.....	.....	-876
40		percent		-60.9	69.5	171.4	.....	.....	.....	.....	-33.1
41	Land available for settlement	acres	1940	1,790	.....	.....	.....	90	.....	.....	.....
42			1930	4,653	.....	.....	.....	([3])	.....	.....	1,759
43	Increase or decrease (-), 1930-1940	acres		-2,863	.....	.....	.....	.....	.....	.....	-1,759
44		percent		-61.5	.....	.....	.....	.....	.....	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres		282,095	18,836	10,542	1,280	2,483	3,132	2,330	32,645
46	Length of these ditches	miles		501.4	21.9	20.0	10.0	6.5	10.0	16.0	42.5
47	Part protected by levees of an outside agency	acres		1,600	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres		14,310	.....	1,120	.....	640	.....	.....	.....
49	Length of these ditches	miles		70.9	.....	2.0	.....	19.8	.....	.....	.....
50	Length of these levees	miles		20.5	.....	0.2	.....	2.9	.....	.....	.....
51	Part protected by levees of an outside agency	acres		7,543	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres		14,868	1,327	.....	.....	.....	.....	.....	.....
53	Length of these tile	miles		61.1	2.9	.....	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres		.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles		.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles		.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres		.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres		50,475	2,530	.....	.....	.....	.....	.....	1,601
60	Length of these open ditches	miles		126.6	12.8	.....	.....	.....	.....	.....	8.3
61	Length of these tile	miles		94.5	1.9	.....	.....	.....	.....	.....	0.8
62	Part protected by levees of an outside agency	acres		1,800	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres		9,451	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles		46.0	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles		10.0	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles		1.0	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres		1,560	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]	acres		34,510	156	.....	.....	.....	210	.....	1,003
69	Length of open ditches owned by these enterprises	miles		140.1	.....	.....	.....	.....	2.0	.....	4.6
70	Length of tile owned by these enterprises	miles		13.4	0.5	.....	.....	.....	0.2	.....	.....
71	Length of levees owned by these enterprises	miles		50.9	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres		16,737	.....	.....	.....	.....	210	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 165.
[3] Included in "Other counties."
[4] Percent not shown when more than 1,000.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Lewis	Pierce	Skagit	Snohomish	Stevens[1]	Thurston	Whatcom	Yakima	Other counties[2]
	LAND AREA										
1	Approximate land area	acres 1940	1,566,080	1,075,200	1,110,400	1,344,000	1,613,440	460,160	1,376,640	2,734,720	3,226,240
2	Drainage enterprises	number 1940	3	9	12	8	1	8	23	59	7
3	Land in enterprises	acres 1940	4,692	25,081	39,705	13,032	4,000	3,874	22,496	196,310	16,684
4		1930	4,075	4,282	38,191	37,501	(3)	5,925	25,228	155,695	33,400
5		1920	.....	.....	.....	.....	15,000	.....	.....	55,919	13,665
6	Area of all enterprises, overlapping included	acres 1940	4,692	25,081	39,705	13,822	4,000	3,874	23,541	221,405	16,684
7	Amount of overlapping	acres 1940	.....	.....	.....	790	.....	.....	1,045	25,095	.....
	CONDITION AND USE OF LAND										
8	Land with drainage sufficient for normal crop	acres 1940	4,692	24,493	39,500	11,985	4,000	3,874	22,428	172,609	14,884
9		1930	4,075	4,006	37,875	34,261	(3)	5,925	19,345	131,383	32,000
10	Increase or decrease (-), 1930-1940	acres	617	20,487	1,625	-22,276	.....	-2,051	3,083	41,226	-17,116
11		percent	15.1	511.4	4.3	-65.0	.....	-34.6	15.9	31.4	-53.5
12	Land undrained, unfit for any crop	acres 1940	.....	404	40	150	.....	.....	.....	788	825
13		1930	.....	65	6	2,225	.....	.....	.....	6,763	69
14	Increase or decrease (-), 1930-1940	acres	.....	339	34	-2,075	.....	.....	.....	-5,975	756
15		percent	.....	521.5	566.7	-93.2	.....	.....	.....	-88.3	(4)
16	Land partly drained, for partial crop	acres 1940	.....	184	165	897	.....	.....	68	22,913	975
17		1930	.....	211	310	1,015	(3)	.....	5,883	17,549	1,331
18	Increase or decrease (-), 1930-1940	acres	.....	-27	-145	-118	.....	.....	-5,815	5,364	-356
19		percent	.....	-12.8	-46.8	-11.6	.....	.....	-98.8	30.6	-26.7
20	Improved land	acres 1940	3,486	24,107	38,874	11,226	4,000	3,640	18,156	165,233	13,040
21		1930	2,975	3,863	37,241	31,470	(3)	5,597	17,016	145,895	31,210
22		1920	.....	.....	.....	.....	13,750	.....	.....	47,593	10,828
	Unimproved land:										
23	Woodland and cut-over land	acres 1940	650	500	641	1,656	.....	117	4,141	26,010	2,497
24		1930	580	9	850	3,370	.....	177	8,010	756	1,231
25		1920	.....	.....	.....	.....	250	.....	.....	.....	600
26	Other unimproved land	acres 1940	556	474	190	150	.....	117	199	5,067	1,147
27		1930	520	410	100	2,661	.....	151	202	9,044	959
28		1920	.....	.....	.....	.....	1,000	.....	.....	8,326	2,237
29	Land in occupied farms	acres 1940	4,692	24,781	38,700	9,955	3,900	3,770	18,577	190,294	12,950
30		1930	4,075	4,232	37,025	35,766	(3)	5,748	25,228	147,642	31,450
31	Increase or decrease (-), 1930-1940	acres	617	20,549	1,675	-25,811	.....	-1,978	-6,651	42,652	-18,500
32		percent	15.1	485.6	4.5	-72.2	.....	-34.4	-26.4	28.9	-58.8
33	Land in planted crops	acres 1940	2,060	21,244	36,700	8,385	3,700	3,580	16,391	163,049	11,855
34		1930	1,540	3,721	31,672	28,040	(3)	3,233	16,659	143,308	26,642
35	Increase or decrease (-), 1930-1940	acres	520	17,523	5,028	-19,655	.....	347	-268	19,741	-14,787
36		percent	33.8	470.9	15.9	-70.1	.....	10.7	-1.6	13.8	-55.5
37	Land idle	acres 1940	2,632	540	476	400	.....	234	1,133	1,040	1,094
38		1930	2,535	261	820	5,373	.....	968	8,212	8,930	2,921
39	Increase or decrease (-), 1930-1940	acres	97	279	-344	-4,973	.....	-734	-7,079	-7,890	-1,827
40		percent	3.8	106.9	-42.0	-92.6	.....	-75.8	-86.2	-88.4	-62.5
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....	1,700
42		1930	.....	.....	.....	682	.....	.....	.....	302	1,910
43	Increase or decrease (-), 1930-1940	acres	.....	.....	.....	-682	.....	.....	.....	-302	-210
44		percent	.....	.....	.....	-100.0	.....	.....	.....	-100.0	-11.0
	LAND CLASSIFIED BY WORKS, 1940										
45	Land drained by open ditches only	acres	4,692	17,843	1,600	1,260	4,000	3,810	15,117	150,386	12,139
46	Length of these ditches	miles	16.7	20.0	8.0	4.5	10.0	13.5	53.3	221.3	27.2
47	Part protected by levees of an outside agency	acres	.....	.....	1,600	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	2,500	7,043	3,007	.....	.....	.....	.....	.....
49	Length of these ditches	miles	.....	2.1	31.0	16.0	.....	.....	.....	.....	.....
50	Length of these levees	miles	.....	2.1	3.8	11.5	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	7,043	500	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	.....	280	.....	.....	.....	.....	.....	13,261	.....
53	Length of these tile	miles	.....	1.2	.....	.....	.....	.....	.....	57.0	.....
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	.....	4,458	3,644	.....	.....	64	7,379	30,799	.....
60	Length of these open ditches	miles	.....	11.8	15.7	.....	.....	0.8	21.7	55.5	.....
61	Length of these tile	miles	.....	1.7	1.6	.....	.....	0.1	3.6	84.8	.....
62	Part protected by levees of an outside agency	acres	.....	.....	1,800	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	9,451	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	46.0	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	10.0	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	1.0	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	1,560	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants[5]	acres	.....	.....	17,967	8,765	.....	.....	.....	1,864	4,545
69	Length of open ditches owned by these enterprises	miles	.....	.....	64.0	27.0	.....	.....	.....	.....	42.5
70	Length of tile owned by these enterprises	miles	.....	.....	7.5	0.2	.....	.....	.....	5.0	.....
71	Length of levees owned by these enterprises	miles	.....	.....	6.0	.....	.....	.....	.....	.....	44.9
72	Part protected by levees of an outside agency	acres	.....	.....	16,527	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Includes Klickitat, Pacific, San Juan, Spokane, and Wahkiakum Counties in 1940; Cowlitz, Grant, Grays Harbor, Island, Jefferson, Klickitat, Pacific, San Juan, Spokane, and Stevens Counties in 1930; and Adams, Klickitat, Pacific, and Spokane Counties in 1920.
[3] Included in "Other counties."
[4] Percent not shown when more than 1,000.
[5] Data in lines 68 to 72 are not included in lines 45 to 67.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATE	Benton	Clark	Grant[1]	Grays Harbor	Island	Jefferson[1]	King
	DRAINAGE WORKS										
1	Drainage enterprises	number	1940	[2] 169	12	7	1	3	4	1	11
	Open ditches:										
2	Completed	miles	1940	885.0	34.7	22.0	10.0	26.3	12.0	16.0	55.4
3			1930	746.7	13.7	21.3	([3])	([3])	([3])	([3])	58.3
4			1920	162.4	7.9	.....	.....	.....	.....	.....	.....
5	Additional length authorized	miles	1940	8.6	.....	.....	.....	.....	0.5	.....	.....
	Tile drains:										
6	Completed	miles	1940	179.0	5.3	.....	.....	.....	0.2	.....	0.8
7			1930	199.2	7.0	.....	.....	.....	.....	.....	1.7
8			1920	83.0	.....	.....	.....	.....	.....	.....	.....
9	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles	1940	72.4	.....	0.2	.....	2.9	.....	.....	.....
11			1930	78.8	.....	.....	.....	.....	.....	.....	42.0
12			1920	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles	1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower	1940	1,305	([4])	.....	.....	.....	5	.....	45
15			1930	982	15	.....	.....	.....	.....	.....	97
16			1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min.	1940	240,750	([4])	.....	.....	.....	1,500	.....	6,750
18			1930	184,500	1,000	.....	.....	.....	.....	.....	25,000
19			1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres	1940	26,745	156	.....	.....	.....	210	.....	575
21			1930	19,857	198	.....	.....	.....	.....	.....	1,036
22			1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number	1940	3	.....	.....	.....	.....	.....	.....	.....
24			1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars	1940	5,332,842	167,970	63,493	20,000	166,311	53,500	85,000	305,076
26			1930	4,637,576	236,914	42,703	([3])	([3])	([3])	([3])	287,398
27			1920	1,397,419	50,200	.....	.....	.....	.....	.....	.....
28	Estimated cost when completed	dollars	1940	5,367,442	167,970	63,493	20,000	166,311	53,600	85,000	305,576
29			1930	4,655,076	236,914	49,703	([3])	([3])	([3])	([3])	287,398
30			1920	1,436,419	79,200	.....	.....	.....	.....	.....	.....
31	Average cost per acre when completed	dollars	1940	13.23	7.35	5.44	15.62	53.25	16.04	36.48	8.67
32			1930	12.68	13.24	4.71	([3])	([3])	([3])	([3])	8.33
33			1920	15.13	7.66	.....	.....	.....	.....	.....	.....
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars		2,272,258	83,348	58,703	20,000	41,361	52,000	85,000	209,804
35	Average amount per acre	dollars		8.05	4.42	5.57	15.62	16.66	16.60	36.48	6.43
36	Enterprises having open ditches and levees	dollars		313,359	.....	4,790	.....	124,950	.....	.....	.....
37	Average amount per acre	dollars		21.94	.....	4.28	.....	195.23	.....	.....	.....
38	Enterprises having tile only	dollars		433,676	31,009	.....	.....	.....	.....	.....	.....
39	Average amount per acre	dollars		29.17	23.37	.....	.....	.....	.....	.....	.....
40	Enterprises having tile and levees	dollars		.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars		.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars		1,127,759	50,729	.....	.....	.....	.....	.....	31,500
43	Average amount per acre	dollars		22.34	20.05	.....	.....	.....	.....	.....	19.68
44	Enterprises having ditches, tile, and levees	dollars		100,000	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars		10.58	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[5]	dollars		1,119,790	2,884	.....	.....	.....	1,600	.....	64,272
47	Average amount per acre	dollars		32.45	18.49	.....	.....	.....	7.62	.....	64.08
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars		24,938	([6])	.....	.....	.....	([6])	.....	([6])
49	Enterprises reporting	number		14	1	.....	.....	.....	1	.....	2
50	Land in these enterprises	acres		33,353	([6])	.....	.....	.....	([6])	.....	([6])
51	Average cost per acre	dollars		0.75	([6])	.....	.....	.....	([6])	.....	([6])
52	By enterprises not operating pumping plants	dollars		43,966	1,355	627	100	([6])	([6])	6	6,439
53	Enterprises reporting	number		103	10	4	1	1	2	1	4
54	Land in these enterprises	acres		181,889	18,063	5,998	1,280	([6])	([6])	2,330	27,749
55	Average cost per acre	dollars		0.24	0.08	0.10	0.08	([6])	([6])	([7])	0.23
	Federal aid in maintenance:										
56	Enterprises reporting	number		45	5	4	.....	2	.....	.....	3
57	Land in these enterprises	acres		119,678	5,442	8,143	.....	([6])	.....	.....	26,430
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars		119,361	2,095	592	.....	([3])	3,094	2,380	9,799
59	Enterprises reporting	number		91	9	4	.....	1	4	1	8
60	Land in these enterprises	acres		186,170	12,938	5,998	.....	([3])	3,342	2,330	33,218
61	Average amount collected per acre	dollars		0.64	0.16	0.10	.....	([3])	0.92	1.02	0.29
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres		16,763	2,333	.....	.....	([6])	([6])	1,066	([6])
63	Enterprises reporting	number		40	4	.....	.....	2	2	1	2
64	Land in these enterprises	acres		67,138	5,026	.....	.....	([6])	([6])	2,330	([6])
65	Portion delinquent in these enterprises	percent		25.0	46.4	.....	.....	([6])	([6])	45.8	([6])
66	Total indebtedness, Dec. 31, 1939	dollars		490,034	22,101	([6])	.....	([6])	3,100	7,600	43,726
67	Enterprises reporting	number		54	5	1	.....	1	3	1	3
68	Land in these enterprises	acres		88,519	3,596	([6])	.....	([6])	2,982	2,330	1,089
69	Average indebtedness per acre	dollars		5.54	6.14	([6])	.....	([6])	1.04	3.26	40.15
70	Indebtedness in arrears, Dec. 31, 1939	dollars		30,852	([6])	.....	.....	([6])	([6])	.....	([6])
71	Enterprises reporting	number		14	2	.....	.....	1	1	.....	1
72	Land in these enterprises	acres		32,214	([6])	.....	.....	([6])	([6])	.....	([6])
73	Average arrearage per acre	dollars		0.96	([6])	.....	.....	([6])	([6])	.....	([6])
74	Reduction of debt by refinancing, prior to 1940	dollars		261,263	25,580	.....	.....	([6])	.....	66,693	.....
75	Enterprises reporting	number		21	4	.....	.....	1	.....	1	.....
76	Land in these enterprises	acres		28,927	4,365	.....	.....	([6])	.....	2,330	.....
77	Average reduction per acre	dollars		9.03	5.86	.....	.....	([6])	.....	28.62	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 165. [3] Included in "Other counties." [4] Pumps in Yakima County serve land in Benton County. [5] Data in lines 46 and 47 are not included in lines 34 to 45. [6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [7] Less than one-half of 1 cent per acre.

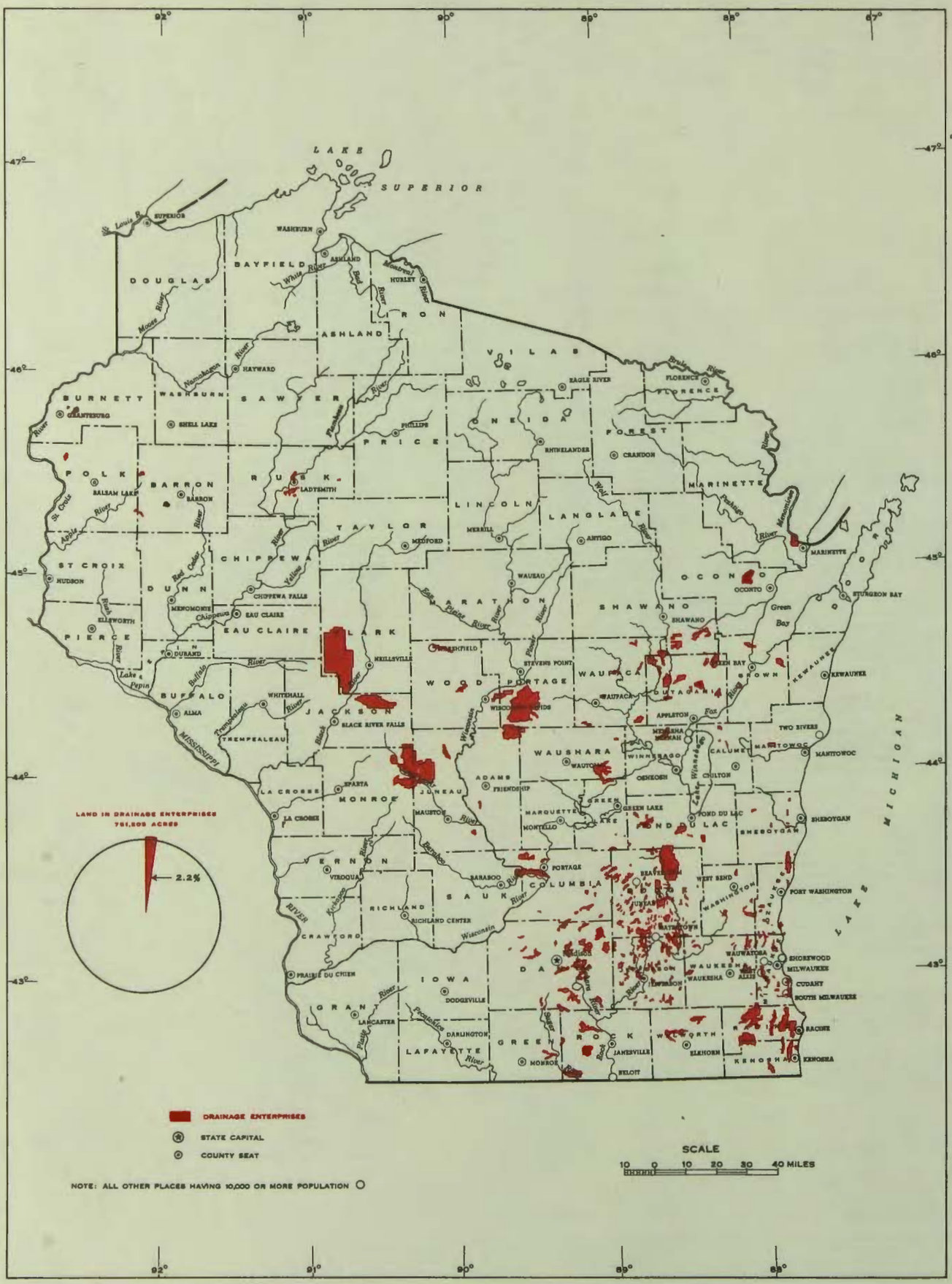
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Lewis	Pierce	Skagit	Snohomish	Stevens[1]	Thurston	Whatcom	Yakima	Other counties[2]
	DRAINAGE WORKS										
1	Drainage enterprises	number 1940	3	9	12	8	1	8	23	59	7
	Open ditches:										
2	Completed	miles 1940	16.7	33.9	164.7	47.5	10.0	14.3	75.0	276.8	69.7
3		1930	13.3	16.0	103.0	48.8	(3)	27.3	76.5	223.3	145.2
4		1920	.....	.....	.....	.....	26.0	.....	.....	86.5	42.0
5	Additional length authorized	miles 1940	.....	2.6	.....	0.5	.....	.....	.....	5.0	.....
	Tile drains:										
6	Completed	miles 1940	.....	2.9	19.1	0.2	.....	0.1	3.6	146.8	.....
7		1930	.....	4.1	37.1	3.2	.....	2.6	.....	143.5	.....
8		1920	.....	.....	.....	.....	.....	.....	.....	82.0	1.0
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:										
10	Completed	miles 1940	.....	2.1	10.8	11.5	.....	.....	.....	.....	44.9
11		1930	.....	.....	14.8	21.0	(3)	.....	.....	.....	1.0
12		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:										
14	Engine capacity	horsepower 1940	.....	.....	435	275	.....	.....	.....	[4]15	530
15		1930	.....	.....	395	400	.....	.....	.....	.....	75
16		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	67,000	69,500	.....	.....	.....	[4]1,500	94,500
18		1930	.....	.....	92,000	55,000	.....	.....	.....	.....	11,500
19		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	13,645	5,750	.....	.....	.....	1,864	4,545
21		1930	.....	.....	13,167	5,187	.....	.....	.....	.....	269
22		1920	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	3	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED										
25	Capital invested to January 1	dollars 1940	88,581	169,933	765,976	188,524	50,000	71,584	164,862	2,484,779	487,253
26		1930	72,892	149,491	386,932	268,581	(3)	158,176	217,810	2,198,268	618,411
27		1920	.....	.....	.....	.....	118,500	.....	.....	1,013,675	215,044
28	Estimated cost when completed	dollars 1940	88,581	175,933	765,976	206,524	50,000	71,584	164,862	2,494,779	487,253
29		1930	72,892	149,491	387,432	268,581	(3)	158,176	217,810	2,208,268	618,411
30		1920	.....	.....	.....	.....	118,500	.....	.....	1,013,675	225,044
31	Average cost per acre when completed	dollars 1940	18.88	7.01	19.29	15.85	12.50	18.48	7.33	12.71	29.20
32		1930	17.89	34.91	10.14	7.16	(3)	26.70	8.63	14.18	18.52
33		1920	.....	.....	.....	.....	7.90	.....	.....	18.13	16.47
	Invested in and required for completion, 1940:										
34	Enterprises having open ditches only	dollars	88,581	70,545	8,043	14,000	50,000	69,662	128,470	1,119,441	173,300
35	Average amount per acre	dollars	18.88	3.95	5.03	11.11	12.50	18.28	8.50	7.44	14.28
36	Enterprises having open ditches and levees	dollars	.....	1,460	124,577	58,182	.....	.....	.....	.....	.....
37	Average amount per acre	dollars	.....	0.58	17.69	19.35	.....	.....	.....	.....	.....
38	Enterprises having tile only	dollars	.....	18,772	.....	.....	.....	.....	.....	383,895	.....
39	Average amount per acre	dollars	.....	67.04	.....	.....	.....	.....	.....	28.95	.....
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	.....	85,156	71,936	.....	.....	1,922	36,392	850,124	.....
43	Average amount per acre	dollars	.....	19.10	19.74	.....	.....	30.03	4.93	27.60	.....
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	100,000	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	10.58	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants[5]	dollars	.....	.....	461,420	134,342	.....	.....	.....	141,319	313,953
47	Average amount per acre	dollars	.....	.....	25.68	15.33	.....	.....	.....	75.81	69.08
	MAINTENANCE AND OPERATION										
	Cost of maintenance and operation in 1939:										
48	By enterprises operating pumping plants	dollars	.....	.....	10,940	2,560	.....	.....	.....	(6)	(6)
49	Enterprises reporting	number	.....	.....	4	3	.....	.....	.....	1	2
50	Land in these enterprises	acres	.....	.....	17,547	8,765	.....	.....	.....	(6)	(6)
51	Average cost per acre	dollars	.....	.....	0.62	0.29	.....	.....	.....	(6)	(6)
52	By enterprises not operating pumping plants	dollars	(6)	2,778	9,088	3,879	.....	381	4,195	13,391	(6)
53	Enterprises reporting	number	1	5	7	5	.....	5	12	43	2
54	Land in these enterprises	acres	(6)	21,454	21,738	4,267	.....	2,605	14,223	50,493	(6)
55	Average cost per acre	dollars	(6)	0.13	0.42	0.91	.....	0.15	0.29	0.26	(6)
	Federal aid in maintenance:										
56	Enterprises reporting	number	.....	2	6	6	.....	1	.....	12	4
57	Land in these enterprises	acres	.....	(6)	27,737	10,982	.....	(6)	.....	18,170	7,345
	FINANCIAL CONDITION										
58	Drainage taxes collected in 1939	dollars	(3)	8,159	34,873	15,869	.....	630	4,405	31,242	6,223
59	Enterprises reporting	number	1	7	10	7	.....	3	9	24	3
60	Land in these enterprises	acres	(3)	24,127	38,984	11,772	.....	2,103	10,886	30,148	10,324
61	Average amount collected per acre	dollars	(3)	0.34	0.89	1.35	.....	0.30	0.40	1.04	0.60
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	.....	(6)	4,952	580	.....	.....	.....	5,530	(6)
63	Enterprises reporting	number	.....	1	3	3	.....	.....	.....	21	1
64	Land in these enterprises	acres	.....	(6)	18,882	2,434	.....	.....	.....	28,166	(6)
65	Portion delinquent in these enterprises	percent	.....	(6)	26.2	23.8	.....	.....	.....	19.6	(6)
66	Total indebtedness, Dec. 31, 1939	dollars	(6)	(6)	120,389	27,621	.....	6,147	.....	194,502	(6)
67	Enterprises reporting	number	2	1	3	6	.....	3	.....	23	2
68	Land in these enterprises	acres	(6)	(6)	17,650	11,325	.....	1,256	.....	29,028	(6)
69	Average indebtedness per acre	dollars	(6)	(6)	6.82	2.44	.....	4.89	.....	6.70	(6)
70	Indebtedness in arrears, Dec. 31, 1939	dollars	(6)	.....	(6)	.....	.....	(6)	.....	2,429	(6)
71	Enterprises reporting	number	2	.....	1	.....	.....	1	.....	4	1
72	Land in these enterprises	acres	(6)	.....	(6)	.....	.....	(6)	.....	7,979	(6)
73	Average arrearage per acre	dollars	(6)	.....	(6)	.....	.....	(6)	.....	0.30	(6)
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	(6)	(6)	.....	.....	.....	.....	146,510	.....
75	Enterprises reporting	number	.....	1	2	.....	.....	.....	.....	12	.....
76	Land in these enterprises	acres	.....	(6)	(6)	.....	.....	.....	.....	16,009	.....
77	Average reduction per acre	dollars	.....	(6)	(6)	.....	.....	.....	.....	9.15	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Klickitat, Pacific, San Juan, Spokane, and Wahkiakum Counties in 1940; Cowlitz, Grant, Grays Harbor, Island, Jefferson, Klickitat, Pacific, San Juan, Spokane, and Stevens Counties in 1930; and Adams, Klickitat, Pacific, and Spokane Counties in 1920. [3] Included in "Other counties." [4] Pumps in Yakima County serve land in Benton County. [5] Data in lines 46 and 47 are not included in lines 34 to 45. [6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

WISCONSIN

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
				1930-1940		1920-1930	
	1940	1930	1920	Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	35,017,600	35,363,840	35,363,840	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	761,203	892,713	794,569	-131,510	-14.7	98,144	12.4
Improved.....acres.....	460,122	531,969	254,504	-71,847	-13.5	277,465	109.0
Unimproved:							
Timber and cut-over.....acres.....	220,537	114,273	177,744	106,264	93.0	-63,471	-35.7
Other.....acres.....	80,544	246,471	362,321	-165,927	-67.3	-115,850	-32.0
Drainage sufficient for normal crop.....acres.....	595,291	548,545	(1)	46,746	8.5	.....	.....
Partly drained, for partial crop.....acres.....	61,507	187,075	(1)	-125,568	-67.1	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	104,405	157,093	[2] 130,111	-52,688	-33.5	26,982	20.7
In occupied farms.....acres.....	561,723	574,892	(1)	-13,169	-2.3	.....	.....
In planted crops.....acres.....	384,336	350,522	(1)	33,814	9.6	.....	.....
Idle.....acres.....	333,214	378,406	(1)	-45,192	-11.9	.....	.....
Available for settlement.....acres.....	2,800	187,791	(1)	-184,991	-98.5	.....	.....
Open ditches, completed.....miles.....	1,580.7	1,989.4	1,691.3	-408.7	-20.5	298.1	17.6
Tile drains, completed.....miles.....	282.5	303.4	211.3	-20.9	-6.9	92.1	43.6
Drainage pumping plants, capacity.....horsepower....	(3)	40	150	(3)	(3)	-110	-73.3
gal. per min..	(3)	5,000	.....	(3)	(3)	5,000	.....
Capital invested in enterprises.....dollars.....	4,254,586	6,207,278	4,163,055	-1,952,692	-31.4	2,044,223	49.1
Average per acre.....dollars.....	5.59	6.95	5.24	-1.36	-19.6	1.71	32.6

[1]Not available. [2]Reported as "Swampy, subject to overflow, seeped, or alkali." [3]Where there are less than 3 enterprises reporting, data are not shown.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

[For intercounty enterprises the portion in each county is tabulated as a separate enterprise]

SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]	SIZE	AREA OF ENTERPRISES[1]			Land in enterprises[2]
	1940	1930	1920	1940		1940	1930	1920	1940
	Acres	*Acres*	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*	*Acres*
All enterprises.....	772,993	895,698	794,569	761,203	1,000 to 1,999 acres.....	95,697	225,528	168,051	93,857
					2,000 to 4,999 acres.....	151,449			148,849
Less than 100 acres.....	1,517	1,231	5,800	1,387	5,000 to 9,999 acres.....	84,102	124,722	75,427	83,422
100 to 199 acres.....	6,126	4,116		5,916	10,000 to 19,999 acres.....	60,630	306,177	228,426	60,630
200 to 499 acres.....	46,404	27,591	26,010	44,294	20,000 to 49,999 acres.....	114,445			114,445
500 to 999 acres.....	73,423	53,853	27,975	69,203	50,000 to 99,999 acres.....	139,200	152,480	262,880	139,200

[1]The sum of the areas in the individual enterprises, without deduction for overlapping.
[2]Overlapping eliminated by tabulating each enterprise according to its acreage not included in later enterprises.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	761,203	100.0	4,254,586	100.0
Drainage districts.....	467,904	61.4	2,641,974	62.1
County drains.....	106,356	14.0	1,088,770	25.6
Township drains.....	147,343	19.4	399,742	9.4
Individually owned projects.....	3,600	0.5	21,500	0.5
Other, or not reported.....	36,000	4.7	102,600	2.4

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	761,203	100.0	892,713	100.0	794,569	100.0	4,254,586	100.0	6,207,278	100.0	4,163,055	100.0
Gravity drainage only by—												
Open ditches.....	553,135	72.7	578,982	64.9	787,972	99.2	2,514,090	59.1	3,377,161	54.4	[2]	.....
Tile drains.....	19,155	2.5	17,608	2.0			284,327	6.7	295,999	4.7		
Open ditches and tile drains..	[3] 188,913	24.8	294,123	32.9			[3] 1,456,169	34.2	2,530,618	40.8		
Part only by pumping.....	(3)	(3)	2,000	0.2	6,597	0.8	(3)	(3)	3,500	0.1	[2]	.....
Total area served by pumps.....	(3)	(3)	50	.....	6,597	0.8	.....	.....	.....	.....	.....	.....

[1]Each item includes those enterprises that have provided levees in addition to the kind of drains specified.
[2]Break-down in cost not available.
[3]Data for the only pumping enterprise in the State are included with those for gravity enterprises.

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STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT[1]	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	761,203	100.0	892,713	100.0	4,254,586	100.0	6,207,278	100.0	128,428	225,893
Enterprises in arrears	162,093	21.3	327,416	36.7	708,947	16.7	2,143,452	34.5	125,953	217,395
With some delinquent land	151,660	19.9	284,997	31.9	583,605	13.7	1,362,546	22.0	125,953	217,395
With no delinquent land	4,633	0.6	12,969	1.5	66,784	1.6	145,555	2.3	.....	.....
With no report on delinquency	5,800	0.8	29,450	3.3	58,558	1.4	635,351	10.2	.....	.....
Enterprises not in arrears	599,110	78.7	565,297	63.3	3,545,639	83.3	4,063,826	65.5	2,475	8,498
With some delinquent land	36,770	4.8	54,411	6.1	290,211	6.8	593,216	9.6	2,475	8,498
With no delinquent land	535,490	70.4	481,925	54.0	2,938,266	69.1	3,289,994	53.0	.....	.....
With no report on delinquency	26,850	3.5	28,961	3.2	317,162	7.4	180,616	2.9	.....	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes[1]	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	761,203	4,254,586	392,143	327,556	102,275	128,428	20,960
Enterprises in debt	[2]200,464	1,035,996	392,143	327,556	31,025	126,413	11,618
In arrears, amount of arrearage stated	161,013	701,436	328,556	327,556	31,025	125,873	3,750
Collecting drainage taxes in 1939	14,660	130,090	23,800	22,800	20,900	3,320	3,750
No collections reported	146,353	571,346	304,756	304,756	10,125	122,553	.....
In arrears, amount not stated	[2]1,080	7,511	.....	.....	.....	80	.....
No collections reported	[2]1,080	7,511	.....	.....	.....	80	.....
Not in arrears	38,371	327,049	63,587	.....	.....	460	7,868
Collecting drainage taxes in 1939	28,835	215,661	40,818	.....	.....	460	7,868
No collections reported	9,536	111,388	22,769	.....	.....	.....	.....
Enterprises not in debt	560,739	3,218,590	.....	.....	71,250	2,015	9,342
Collecting drainage taxes in 1939	47,574	295,153	.....	.....	.....	1,450	9,342
No collections reported	513,165	2,923,437	.....	.....	71,250	565	.....

[1] If any land is delinquent in 2 or more overlapping enterprises, the acreage delinquent is too large by the amount of such duplication.
[2] Includes 1,080 acres for which amount of indebtedness was not reported.

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested		PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent		Acres	Percent	Dollars	Percent
All enterprises	761,203	100.0	4,254,586	100.0	Reclamation of swamp land not previously in farms	406,042	53.3	2,096,266	49.3
Improvement of land already in farms	340,881	44.8	2,086,631	49.0	Protection against overflow	14,280	1.9	71,689	1.7

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land[1]		Area of enterprises		Capital invested	
	Acres	Percent	Total acres[2]	Overlapped acres	Dollars	Percent
All enterprises	761,203	100.0	772,993	11,790	4,254,586	100.0
1870-1879	5,920	0.8	7,100	1,180	6,855	0.2
1880-1889	29,611	3.9	31,841	2,230	37,426	0.9
1890-1899	13,729	1.8	14,779	1,050	21,391	0.5
1900-1904	128,728	16.9	128,768	40	583,785	13.7
1905-1909	120,701	15.9	122,391	1,690	453,709	10.7
1910-1914	125,804	16.5	127,364	1,560	782,540	18.4
1915-1919	229,166	30.1	231,806	2,640	1,227,563	28.8
1920-1924	86,726	11.4	87,646	920	874,374	20.6
1925-1929	14,008	1.8	14,008	.....	217,371	5.1
1930-1934	510	0.1	510	.....	1,172	(3)
1935-1939	6,300	0.8	6,780	480	48,400	1.1

[1] Land included in more than 1 enterprise is tabulated only in the last organized.
[2] The sum of the areas of the individual enterprises.
[3] Less than one-tenth of 1 percent.

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises[1]	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises..	761,203	595,291	78.2	61,507	104,405	460,122	60.4	220,537	80,544	561,723	73.8	384,336	333,214	2,800
1870-1879.....	5,920	3,725	62.9	1,015	1,180	4,035	68.2	45	1,840	5,920	100.0	3,768	2,145	.....
1880-1889.....	29,611	19,110	64.5	5,906	4,595	20,082	67.8	530	8,999	27,836	94.0	18,385	10,306	30
1890-1899.....	13,729	10,434	76.0	1,295	2,000	9,839	71.7	1,125	2,765	12,694	92.5	9,559	3,360	.....
1900-1904.....	128,728	92,518	71.9	5,420	30,790	75,888	59.0	48,050	4,790	107,598	83.6	67,223	58,785	240
1905-1909.....	120,701	86,866	72.0	15,185	18,650	70,326	58.3	14,593	35,782	92,131	76.3	53,928	45,380	680
1910-1914.....	125,804	102,552	81.5	2,036	21,216	86,521	68.8	31,782	7,501	104,359	83.0	79,570	40,486	550
1915-1919.....	229,166	187,752	81.9	28,618	12,796	102,511	44.7	116,618	10,037	107,926	47.1	82,890	143,311	1,300
1920-1924.....	86,726	74,191	85.5	1,722	10,813	73,737	85.0	6,297	6,692	84,425	97.3	55,335	23,641	.....
1925-1929.....	14,008	12,863	91.8	.....	1,145	13,142	93.8	796	70	12,475	89.0	11,113	2,785	.....
1930-1934.....	510	470	92.2	.....	40	470	92.2	.....	40	510	100.0	.....	.....	.....
1935-1939.....	6,300	4,810	76.3	310	1,180	3,571	56.7	701	2,028	5,849	92.8	2,565	3,015	.....

[1]Land included in more than 1 enterprise, is tabulated only in the last organized.

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars
All enterprises.....	761,203	755,163	296,359	458,804	19,440	0.02	0.06
Gravity drainage only.....	757,403	751,363	296,359	455,004	19,440	0.02	0.06
Open ditches only.....	548,195	542,155	189,576	352,579	7,996	0.01	0.04
Open ditches and levees.....	4,940	4,940	4,940	.....	300	0.06	0.06
Tile drains only.....	19,155	19,155	8,387	10,768	1,327	0.07	0.16
Open ditches and tile drains.....	185,113	185,113	93,456	91,657	9,817	0.05	0.10
Pumping for all or part of drainage.....	3,800	3,800	.....	3,800	.....	.....	.....
Part pumping and part gravity.....	3,800	3,800	.....	3,800	.....	.....	.....

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises.....	761,203	100.0	4,254,586	100.0
Method:				
By district forces.....	294,298	38.7	2,100,631	49.4
By contract.....	43,432	5.7	558,076	13.1
Work apportioned to landowners.....	138,368	18.2	405,568	9.5
"None," or not reporting.....	285,105	37.4	1,190,311	28.0
Whether systematic:				
Reporting "yes".....	319,262	41.9	2,295,267	53.9
Reporting "no".....	438,851	57.7	1,939,978	45.6
Not reporting.....	3,090	0.4	19,341	0.5

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	Dollars	Miles	Miles	Miles
All enterprises reporting Federal aid received.....	284,977	1,747,025	434.1	74.5	3.5
Work Projects Administration.....	284,837	1,746,975	433.5	74.5	3.5
Other kind or combination.....	140	50	0.6	.....	.....

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FLOOD PROTECTION FROM LEVEES OF AN OUTSIDE AGENCY, 1940

ITEM	All enterprises	ENTERPRISES PROTECTED BY OUTSIDE AGENCY	
		Amount	Percent
Land in enterprises.....acres....	761,203	[1] 4,740	0.6
Capital invested.....dollars..	4,254,586	44,156	1.0
Drainage works:			
Open ditches.....miles....	1,580.7	13.5	0.8
Tile drains.....miles....	282.5	5.0	1.8
Levees.....miles....	8.0	.....	.....

[1] All land in these enterprises, 4,740 acres, is dependent for protection on the levees of the outside agencies.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Brown	Burnett[1]	Calumet	Columbia	Dane	Dodge	Fond du Lac
	LAND AREA								
1	Approximate land area.....acres....1940..	35,017,600	336,000	537,600	201,600	497,920	766,080	570,880	463,360
2	Drainage enterprises.....number...1940..	[2] 430	3	2	3	21	29	120	12
3	Land in enterprises.....acres....1940..	761,203	5,360	2,160	1,610	23,650	54,653	85,762	12,389
4	1930..	892,713	(3)	(3)	(3)	20,779	61,247	28,116	8,957
5	1920..	794,569	(3)	(3)	(3)	4,668	39,239	21,597	5,935
6	Area of all enterprises, overlapping included.....acres....1940..	772,993	5,360	2,160	1,610	24,250	56,093	86,682	12,389
7	Amount of overlapping.....acres....1940..	11,790	.....	.....	.....	600	1,440	920	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	595,291	5,360	1,960	1,540	20,981	39,941	43,514	11,049
9	1930..	548,545	(3)	(3)	(3)	15,772	46,313	15,954	5,755
10	Increase or decrease (-), 1930-1940.....acres.....	46,746	.....	.....	.....	5,209	-6,372	27,560	5,294
11	percent.....	8.5	.....	.....	.....	33.0	-13.8	172.7	92.0
12	Land undrained, unfit for any crop.....acres....1940..	104,405	.....	200	70	420	12,842	16,987	1,280
13	1930..	157,093	.....	(3)	(3)	2,027	2,360	9,615	1,852
14	Increase or decrease (-), 1930-1940.....acres.....	-52,688	.....	.....	.....	-1,607	10,482	7,372	-572
15	percent.....	-33.5	.....	.....	.....	-79.3	444.2	76.7	-30.9
16	Land partly drained, for partial crop.....acres,...1940..	61,507	.....	.....	.....	2,249	1,870	25,261	60
17	1930..	187,075	(3)	(3)	(3)	2,980	12,574	2,547	1,350
18	Increase or decrease (-), 1930-1940.....acres.....	-125,568	.....	.....	.....	-731	-10,704	22,714	-1,290
19	percent.....	-67.1	.....	.....	.....	-24.5	-85.1	891.8	-95.6
20	Improved land.....acres....1940..	460,122	4,360	960	1,570	18,610	50,575	42,986	10,512
21	1930..	531,969	(3)	(3)	(3)	16,929	56,303	17,854	7,045
22	1920..	254,504	(3)	(3)	(3)	2,204	6,535	4,482	1,778
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	220,537	1,000	1,000	40	1,540	420	440	35
24	1930..	114,273	(3)	(3)	(3)	900	.....	200	415
25	1920..	177,744	(3)	(3)	(3)	.....	.....	108	389
26	Other unimproved land.....acres....1940..	80,544	.....	200	.....	3,500	3,658	42,336	1,842
27	1930..	246,471	(3)	(3)	(3)	2,950	4,944	10,062	1,497
28	1920..	362,321	(3)	(3)	(3)	2,464	32,704	17,007	3,768
29	Land in occupied farms.....acres....1940..	561,723	5,360	2,160	1,610	23,530	54,653	57,742	12,389
30	1930..	574,892	(3)	(3)	(3)	20,579	59,197	28,116	8,357
31	Increase or decrease (-), 1930-1940.....acres.....	-13,169	.....	.....	.....	2,951	-4,544	29,626	4,032
32	percent.....	-2.3	.....	.....	.....	14.3	-7.7	105.4	48.2
33	Land in planted crops.....acres....1940..	384,336	3,620	600	1,500	11,810	39,479	37,057	10,512
34	1930..	350,522	(3)	(3)	(3)	12,794	47,151	12,585	6,725
35	Increase or decrease (-), 1930-1940.....acres.....	33,814	.....	.....	.....	-984	-7,672	24,472	3,787
36	percent.....	9.6	.....	.....	.....	-7.7	-16.3	194.5	56.3
37	Land idle.....acres....1940..	333,214	1,740	900	40	1,800	14,446	33,763	1,877
38	1930..	378,406	(3)	(3)	(3)	4,560	4,092	10,782	2,002
39	Increase or decrease (-), 1930-1940.....acres.....	-45,192	.....	.....	.....	-2,760	10,354	22,981	-125
40	percent.....	-11.9	.....	.....	.....	-60.5	253.0	213.1	-6.2
41	Land available for settlement.....acres....1940..	2,800	.....	.....	.....	.....	.....	150	.....
42	1930..	187,791	.....	.....	.....	80	30	.....	.....
43	Increase or decrease (-), 1930-1940.....acres.....	-184,991	.....	.....	.....	-80	-30	150	.....
44	percent.....	-98.5	.....	.....	.....	-100.0	-100.0	.....	.....
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	548,195	1,900	2,160	1,290	15,550	30,463	83,733	9,269
46	Length of these ditches.....miles.....	1,200.7	3.5	3.7	5.5	39.7	98.0	271.8	24.2
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	4,940	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches.....miles.....	6.9	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees.....miles.....	4.5	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	19,155	.....	.....	320	2,000	4,590	380	.....
53	Length of these tile.....miles.....	72.1	.....	.....	0.5	6.3	17.5	1.8	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	185,113	3,460	.....	.....	6,100	19,600	1,649	3,120
60	Length of these open ditches.....miles.....	353.1	6.8	.....	.....	17.9	52.5	0.4	4.0
61	Length of these tile.....miles.....	208.4	6.0	.....	.....	7.6	25.9	5.8	13.4
62	Part protected by levees of an outside agency.....acres.....	4,740	.....	.....	.....	4,740	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	(4)	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	(4)	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	(4)	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	(4)	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 396.
[3] Included in "Other counties."
[4] Where there are less than 3 enterprises reporting in the State, data are not shown, except as stated in footnote 1.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Green	Green Lake	Jefferson	Juneau	Kenosha	Manitowoc[1]	Marinette[1]	Milwaukee	Outagamie
	LAND AREA									
1	Approximate land area....acres....1940..	375,040	227,200	360,960	508,800	174,720	376,960	888,320	152,960	405,760
2	Drainage enterprises....number...1940..	6	4	68	5	8	1	1	22	14
3	Land in enterprises....acres....1940..	6,300	4,400	39,673	29,325	15,050	1,910	4,680	11,380	36,217
4	1930..	5,094	(2)	38,652	139,539	14,996	(2)	6,000	6,644	24,880
5	1920..	(2)	(2)	17,461	133,297	11,803	(2)	(2)	8,392	18,305
6	Area of all enterprises, overlapping included....acres....1940..	6,420	4,400	44,683	29,325	15,050	1,910	4,680	11,380	36,297
7	Amount of overlapping....acres....1940..	120	.....	5,010	.....	.....	.....	.....	.....	80
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop....acres....1940..	6,300	2,440	26,023	16,120	14,890	1,910	4,680	11,302	31,350
9	1930..	3,612	(2)	25,023	76,381	14,196	(2)	6,000	6,248	22,710
10	Increase or decrease (-), 1930-1940....acres.....	2,688	.....	1,000	-60,261	694	.....	-1,320	5,054	8,640
11	percent.....	74.4	.....	4.0	-78.9	4.9	.....	-22.0	80.9	38.0
12	Land undrained, unfit for any crop....acres....1940..	.....	1,960	9,300	12,935	160	.....	.....	22	2,163
13	1930..	300	(2)	7,109	13,811	.....	.....	.....	295	550
14	Increase or decrease (-), 1930-1940....acres.....	-300	.....	2,191	-876	160	.....	.....	-273	1,613
15	percent.....	-100.0	.....	30.8	-6.3	.....	.....	.....	-92.5	293.3
16	Land partly drained, for partial crop....acres....1940..	.....	.....	4,350	270	.....	.....	.....	56	2,704
17	1930..	1,182	(2)	6,520	49,347	800	(2)	.....	101	1,620
18	Increase or decrease (-), 1930-1940....acres.....	-1,182	.....	-2,170	-49,077	-800	.....	.....	-45	1,084
19	percent.....	-100.0	.....	-33.3	-99.5	-100.0	.....	.....	-44.6	66.9
20	Improved land....acres....1940..	6,300	2,220	26,735	7,060	13,330	1,710	4,000	11,190	27,027
21	1930..	3,894	(2)	31,793	48,776	14,496	(2)	6,000	6,360	20,870
22	1920..	(2)	(2)	5,630	27,904	10,277	(2)	(2)	7,355	5,468
	Unimproved land:									
23	Woodland and cut-over land....acres....1940..	.....	220	1,490	22,265	1,560	200	.....	180	9,140
24	1930..	.....	(2)	.....	20,209	200	(2)	.....	151	2,490
25	1920..	(2)	(2)	18	38,069	.....	(2)	(2)	.....	649
26	Other unimproved land....acres....1940..	.....	1,960	11,448	.....	160	.....	680	10	50
27	1930..	1,200	(2)	6,859	70,554	300	(2)	.....	133	1,520
28	1920..	(2)	(2)	11,813	67,324	1,526	(2)	(2)	1,037	12,188
29	Land in occupied farms....acres....1940..	6,300	4,400	38,883	8,680	15,050	1,910	4,000	7,065	32,677
30	1930..	4,194	(2)	38,522	48,056	14,990	(2)	6,000	6,539	23,560
31	Increase or decrease (-), 1930-1940....acres.....	2,106	.....	361	-39,376	60	.....	-2,000	526	9,117
32	percent.....	50.2	.....	0.9	-81.9	0.4	.....	-33.3	8.0	38.7
33	Land in planted crops....acres....1940..	5,560	2,025	19,045	5,450	13,330	1,710	4,000	6,067	25,807
34	1930..	2,487	(2)	25,050	24,600	13,986	(2)	3,000	5,955	20,370
35	Increase or decrease (-), 1930-1940....acres.....	3,073	.....	-6,005	-19,150	-656	.....	1,000	112	5,437
36	percent.....	123.6	.....	-24.0	-77.8	-4.7	.....	33.3	1.9	26.7
37	Land idle....acres....1940..	.....	2,375	20,108	23,715	1,720	200	680	3,263	9,550
38	1930..	1,200	(2)	7,369	96,916	506	(2)	3,000	607	1,050
39	Increase or decrease (-), 1930-1940....acres.....	-1,200	.....	12,739	-73,201	1,214	.....	-2,320	2,656	8,500
40	percent.....	-100.0	.....	172.9	-75.5	239.9	.....	-77.3	437.6	809.5
41	Land available for settlement....acres....1940..	.....	.....	30	.....	.....	.....	680	.....	.....
42	1930..	900	.....	120	79,563	.....	.....	.....	105	250
43	Increase or decrease (-), 1930-1940....acres.....	-900	.....	-90	-79,563	.....	.....	680	-105	-250
44	percent.....	-100.0	.....	-75.0	-100.0	.....	.....	.....	-100.0	-100.0
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only....acres.....	6,040	4,400	23,313	25,045	2,430	1,910	4,680	6,262	28,297
46	Length of these ditches....miles.....	16.0	8.7	99.4	57.5	8.7	4.3	13.5	30.5	56.4
47	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Length of these ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only....acres.....	260	.....	1,240	960	640	.....	.....	.....	.....
53	Length of these tile....miles.....	1.0	.....	5.7	4.5	1.0	.....	.....	.....	.....
54	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile....acres.....	.....	.....	15,120	3,320	11,980	.....	.....	5,118	4,120
60	Length of these open ditches....miles.....	.....	.....	46.1	5.5	21.2	.....	.....	18.1	9.0
61	Length of these tile....miles.....	.....	.....	46.7	2.1	11.0	.....	.....	8.6	0.1
62	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)
70	Length of tile owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)
71	Length of levees owned by these enterprises....miles.....	.....	.....	.....	.....	.....	.....	.....	.....	(3)
72	Part protected by levees of an outside agency....acres.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting in the State, data are not shown, except as stated in footnote 1.

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)		Ozaukee	Polk	Racine	Rock	Rusk	Sauk[1]	Shawano	Sheboygan
	LAND AREA									
1	Approximate land area	acres 1940	150,400	597,760	215,680	461,440	582,400	537,600	752,640	323,840
2	Drainage enterprises	number 1940	12	3	8	6	5	1	7	9
3	Land in enterprises	acres 1940	8,239	2,700	49,020	18,422	5,370	4,400	13,640	5,366
4		1930	6,633	(2)	54,710	11,757	6,385	2,000	23,200	10,588
5		1920	5,960	(2)	61,847	15,792	5,174	.....	4,600	7,106
6	Area of all enterprises, overlapping included	acres 1940	8,239	2,700	49,020	18,422	6,530	4,400	14,340	5,366
7	Amount of overlapping	acres 1940	.....	.....	.....	.....	1,160	.....	700	.....
	CONDITION AND USE OF LAND									
8	Land with drainage sufficient for normal crop	acres 1940	8,239	2,600	42,700	18,422	2,810	4,400	9,620	5,038
9		1930	6,388	(2)	51,380	5,660	3,233	2,000	12,350	3,966
10	Increase or decrease (-), 1930-1940	acres	1,851	.....	-8,680	12,762	-423	2,400	-2,730	1,072
11		percent	29.0	.....	-16.9	225.5	-13.1	120.0	-22.1	27.0
12	Land undrained, unfit for any crop	acres 1940	.....	100	6,320	.....	2,560	.....	3,330	328
13		1930	.....	.....	.....	800	1,212	.....	5,600	.....
14	Increase or decrease (-), 1930-1940	acres	.....	.....	6,320	-800	1,348	.....	-2,270	328
15		percent	.....	.....	.....	-100.0	111.2	.....	-40.5	.....
16	Land partly drained, for partial crop	acres 1940	.....	.....	.....	.....	.....	.....	690	.....
17		1930	245	(2)	3,330	5,297	1,940	.....	5,250	6,622
18	Increase or decrease (-), 1930-1940	acres	-245	.....	-3,330	-5,297	-1,940	.....	-4,560	-6,622
19		percent	-100.0	.....	-100.0	-100.0	-100.0	.....	-86.9	-100.0
20	Improved land	acres 1940	7,719	2,100	40,740	18,392	2,610	4,400	6,540	4,723
21		1930	6,088	(2)	52,380	10,407	3,233	2,000	12,650	3,721
22		1920	4,462	(2)	47,265	5,372	1,104	.....	2,970	561
	Unimproved land:									
23	Woodland and cut-over land	acres 1940	520	600	2,480	.....	.....	.....	5,990	623
24		1930	485	(2)	100	.....	1,259	.....	.....	6,767
25		1920	928	(2)	2,920	.....	174	.....	.....	3,206
26	Other unimproved land	acres 1940	.....	.....	5,800	30	2,760	.....	1,110	20
27		1930	60	(2)	2,230	1,350	1,893	.....	10,550	100
28		1920	570	(2)	11,662	10,420	3,896	.....	1,630	3,339
29	Land in occupied farms	acres 1940	8,239	2,700	48,780	18,422	2,810	4,400	11,840	5,366
30		1930	6,593	(2)	51,380	11,757	6,385	2,000	12,600	4,376
31	Increase or decrease (-), 1930-1940	acres	1,646	.....	-2,600	6,665	-3,575	2,400	-760	990
32		percent	25.0	.....	-5.1	56.7	-56.0	120.0	-6.0	22.6
33	Land in planted crops	acres 1940	7,719	2,100	39,828	9,957	1,560	4,400	6,530	4,528
34		1930	5,638	(2)	36,280	6,707	2,451	2,000	9,550	2,651
35	Increase or decrease (-), 1930-1940	acres	2,081	.....	3,548	3,250	-891	2,400	-3,020	1,877
36		percent	36.9	.....	9.8	48.5	-36.4	120.0	-31.6	70.8
37	Land idle	acres 1940	520	480	8,744	.....	3,810	.....	4,440	838
38		1930	545	(2)	2,530	1,350	1,802	.....	11,000	6,767
39	Increase or decrease (-), 1930-1940	acres	-25	.....	6,214	-1,350	2,008	.....	-6,560	-5,929
40		percent	-4.6	.....	245.6	-100.0	111.4	.....	-59.6	-87.6
41	Land available for settlement	acres 1940	.....	.....	.....	.....	.....	.....	240	.....
42		1930	.....	.....	3,280	.....	.....	.....	5,650	.....
43	Increase or decrease (-), 1930-1940	acres	.....	.....	-3,280	.....	.....	.....	-5,410	.....
44		percent	.....	.....	-100.0	.....	.....	.....	-95.8	.....
	LAND CLASSIFIED BY WORKS, 1940									
45	Land drained by open ditches only	acres	1,971	2,700	.....	18,422	440	.....	13,640	1,380
46	Length of these ditches	miles	5.3	9.5	.....	32.7	1.5	.....	32.3	3.2
47	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees	acres	.....	.....	.....	.....	.....	4,400	.....	.....
49	Length of these ditches	miles	.....	.....	.....	.....	.....	4.4	.....	.....
50	Length of these levees	miles	.....	.....	.....	.....	.....	4.0	.....	.....
51	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only	acres	2,058	.....	1,700	.....	3,680	.....	.....	980
53	Length of these tile	miles	6.9	.....	10.0	.....	10.5	.....	.....	5.0
54	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile	acres	4,210	.....	47,320	.....	1,250	.....	.....	3,006
60	Length of these open ditches	miles	7.7	.....	81.7	.....	3.5	.....	.....	4.4
61	Length of these tile	miles	6.9	.....	29.1	.....	0.5	.....	.....	8.5
62	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees	acres	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches	miles	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile	miles	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees	miles	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants	acres	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises	miles	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency	acres	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Included in "Other counties."

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940—Continued

	ITEM (See definitions in Introduction)	Walworth	Washington	Waukesha	Waupaca	Waushara	Winnebago[1]	Wood	Other counties[2]
	LAND AREA								
1	Approximate land area.....acres....1940..	358,400	273,920	355,840	480,640	401,920	290,560	519,680	4,521,600
2	Drainage enterprises.....number...1940..	4	4	17	8	9	2	3	13
3	Land in enterprises.....acres....1940..	10,280	7,060	11,687	9,550	12,540	4,660	10,560	253,190
4	1930..	7,340	(3)	6,139	7,190	13,939	6,180	64,973	316,775
5	1920..	8,910	4,500	7,848	(3)	7,240	6,246	64,343	334,306
6	Area of all enterprises, overlapping included.....acres....1940..	10,280	7,060	11,887	9,550	14,100	4,660	10,560	253,190
7	Amount of overlapping.....acres....1940..	.....	.....	200	.....	1,560	.....	.....	.....
	CONDITION AND USE OF LAND								
8	Land with drainage sufficient for normal crop.....acres....1940..	10,080	6,480	10,842	6,870	9,980	4,660	10,560	202,630
9	1930..	6,790	(3)	4,014	5,960	7,077	4,450	36,381	160,932
10	Increase or decrease (-), 1930-1940.....acres.....	3,290	.....	6,828	910	2,903	210	-25,821	41,698
11	percent.....	48.5	.....	170.1	15.3	41.0	4.7	-71.0	25.9
12	Land undrained, unfit for any crop.....acres....1940..	200	580	768	2,420	2,300	.....	.....	27,160
13	1930..	310	(3)	1,218	350	4,005	500	21,750	83,429
14	Increase or decrease (-), 1930-1940.....acres.....	-110	.....	-450	2,070	-1,705	-500	-21,750	-56,269
15	percent.....	-35.5	.....	-36.9	591.4	-42.6	-100.0	-100.0	-67.4
16	Land partly drained, for partial crop.....acres....1940..	.....	.....	77	260	260	.....	.....	23,400
17	1930..	240	(3)	907	880	2,857	1,230	6,842	72,414
18	Increase or decrease (-), 1930-1940.....acres.....	-240	.....	-830	-620	-2,597	-1,230	-6,842	-49,014
19	percent.....	-100.0	.....	-91.5	-70.4	-90.9	-100.0	-100.0	-67.7
20	Improved land.....acres....1940..	9,580	3,360	9,793	4,980	8,950	4,560	7,260	95,270
21	1930..	6,900	(3)	4,042	6,650	5,370	4,700	22,443	161,065
22	1920..	4,048	330	4,757	(3)	456	3,710	18,911	88,925
	Unimproved land:								
23	Woodland and cut-over land.....acres....1940..	.....	3,360	314	3,430	2,370	100	3,300	157,920
24	1930..	.....	(3)	439	190	3,645	.....	16,000	60,823
25	1920..	.....	2,825	419	(3)	190	.....	4,536	123,313
26	Other unimproved land.....acres....1940..	700	340	1,580	1,140	1,220	.....	.....	.....
27	1930..	440	(3)	1,658	350	4,924	1,480	26,530	94,887
28	1920..	4,862	1,345	2,672	(3)	6,594	2,536	40,896	122,068
29	Land in occupied farms.....acres....1940..	10,070	7,060	11,687	8,890	11,940	4,660	10,560	117,890
30	1930..	7,340	(3)	6,119	7,070	11,869	4,950	27,108	157,235
31	Increase or decrease (-), 1930-1940.....acres.....	2,730	.....	5,568	1,820	71	-290	-16,548	-39,345
32	percent.....	37.2	.....	91.0	25.7	0.6	-5.8	-61.0	-25.0
33	Land in planted crops.....acres....1940..	6,280	3,360	9,582	4,800	8,020	4,460	5,000	78,640
34	1930..	6,340	(3)	3,458	4,300	3,590	2,950	14,094	75,810
35	Increase or decrease (-), 1930-1940.....acres.....	-60	.....	6,124	500	4,430	1,510	-9,094	2,830
36	percent.....	-0.9	.....	177.1	11.6	123.4	51.2	-64.5	3.7
37	Land idle.....acres....1940..	3,380	3,700	2,075	4,520	4,520	200	5,560	174,250
38	1930..	460	(3)	2,481	1,320	9,359	1,480	40,585	166,643
39	Increase or decrease (-), 1930-1940.....acres.....	2,920	.....	-406	3,200	-4,839	-1,280	-35,025	7,607
40	percent.....	634.8	.....	-16.4	242.4	-51.7	-86.5	-86.3	4.6
41	Land available for settlement.....acres....1940..	.....	.....	.....	.....	.....	.....	.....	1,700
42	1930..	.....	.....	.....	110	.....	.....	17,575	80,128
43	Increase or decrease (-), 1930-1940.....acres.....	.....	.....	.....	-110	.....	.....	-17,575	-78,428
44	percent.....	.....	.....	.....	-100.0	.....	.....	-100.0	-97.9
	LAND CLASSIFIED BY WORKS, 1940								
45	Land drained by open ditches only.....acres.....	3,600	2,360	7,760	5,610	12,540	4,660	7,720	218,650
46	Length of these ditches.....miles.....	9.0	7.0	33.5	13.0	32.3	7.5	12.5	260.0
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	540
49	Length of these ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	2.5
50	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	0.5
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	100	.....	247	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	1.2	.....	0.2	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	6,580	4,700	3,680	3,940	.....	.....	2,840	34,000
60	Length of these open ditches.....miles.....	19.2	7.4	5.0	4.7	.....	.....	5.5	32.5
61	Length of these tile.....miles.....	16.7	1.7	1.0	4.8	.....	.....	2.0	10.0
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	.....	.....	.....	.....	.....	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.

[2] Includes Adams, Barron, Clark, Jackson, La Crosse, Monroe, Oconto, and Portage Counties in 1940; Adams, Barron, Brown, Buffalo, Burnett, Calumet, Clark, Green Lake, Jackson, Manitowoc, Marathon, Monroe, Oconto, Polk, Portage, Price, Trempealeau, and Washington Counties in 1930; and Adams, Barron, Brown, Buffalo, Burnett, Calumet, Clark, Door, Green, Green Lake, Jackson, Manitowoc, Marathon, Marinette, Monroe, Oconto, Polk, Portage, Trempealeau, and Waupaca Counties in 1920.

[3] Included in "Other counties."

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Brown	Burnett[1]	Calumet	Columbia	Dane	Dodge	Fond du Lac
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	[2]430	3	2	3	21	29	120	12
	Open ditches:								
2	Completed.....miles.....1940..	1,580.7	10.3	3.7	5.5	57.6	150.5	272.2	28.2
3	1930..	1,989.4	([3])	([3])	([3])	53.7	223.8	116.9	30.9
4	1920..	1,691.3	([3])	([3])	([3])	24.2	114.0	103.0	28.6
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	282.5	6.0	.....	0.5	13.9	43.4	7.6	13.4
7	1930..	303.4	([3])	.....	([3])	46.1	39.6	4.6	21.5
8	1920..	211.3	.....	.....	.....	.....	97.0	3.7	0.3
9	Additional length authorized.....miles.....1940..	20.0	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	8.0	.....	.....	.....	.....	.....	.....	.....
11	1930..	9.0	.....	.....	.....	.....	.....	.....	.....
12	1920..	7.7	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	([4])	.....	.....	.....	.....	.....	.....	.....
15	1930..	40	.....	.....	.....	.....	.....	.....	.....
16	1920..	150	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	([4])	.....	.....	.....	.....	.....	.....	.....
18	1930..	5,000	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	([4])	.....	.....	.....	.....	.....	.....	.....
21	1930..	50	.....	.....	.....	.....	.....	.....	.....
22	1920..	6,597	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	4,254,586	35,000	1,845	9,049	164,048	664,324	249,967	72,544
26	1930..	6,207,278	([3])	([3])	([3])	220,730	793,598	80,183	68,126
27	1920..	4,163,055	([3])	([3])	([3])	41,352	326,313	95,545	72,066
28	Estimated cost when completed.....dollars.....1940..	4,279,586	35,000	1,845	9,049	164,048	664,324	249,967	72,544
29	1930..	6,220,398	([3])	([3])	([3])	220,730	793,598	80,183	68,846
30	1920..	4,564,625	([3])	([3])	([3])	41,352	346,313	95,545	72,066
31	Average cost per acre when completed.....dollars.....1940..	5.62	6.53	0.85	5.62	6.94	12.16	2.91	5.86
32	1930..	6.97	([3])	([3])	([3])	10.62	12.96	2.85	7.69
33	1920..	5.74	([3])	([3])	([3])	8.86	8.83	4.42	12.14
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	2,475,135	500	1,845	7,496	83,221	402,475	214,495	61,544
35	Average amount per acre.....dollars..	4.52	0.26	0.85	5.81	5.35	13.21	2.56	6.64
36	Enterprises having open ditches and levees.....dollars..	38,955	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	7.88	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	284,327	.....	.....	1,553	19,769	65,934	7,072	.....
39	Average amount per acre.....dollars..	14.84	.....	.....	4.85	9.88	14.36	18.61	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	[5]1,481,169	34,500	.....	.....	61,058	195,915	28,400	11,000
43	Average amount per acre.....dollars..	7.84	9.97	.....	.....	10.01	10.00	17.22	3.52
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	([4])	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	([4])	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	19,440	.....	.....	([6])	829	2,688	2,769	.....
53	Enterprises reporting.....number...	88	.....	.....	1	6	17	10	.....
54	Land in these enterprises.....acres....	296,359	.....	.....	([6])	13,340	35,433	3,263	.....
55	Average cost per acre.....dollars..	0.06	.....	.....	([6])	0.06	0.08	0.85	.....
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	74	3	.....	.....	10	6	1	.....
57	Land in these enterprises.....acres....	284,977	5,360	.....	.....	15,490	8,230	([6])	.....
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	20,960	.....	.....	.....	3,618	1,195	([6])	.....
59	Enterprises reporting.....number...	33	.....	.....	.....	5	4	1	.....
60	Land in these enterprises.....acres....	91,069	.....	.....	.....	11,780	6,080	([6])	.....
61	Average amount collected per acre.....dollars..	0.23	.....	.....	.....	0.31	0.20	([6])	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	128,428	.....	.....	.....	640	940	.....	.....
63	Enterprises reporting.....number...	30	.....	.....	.....	4	6	.....	.....
64	Land in these enterprises.....acres....	188,430	.....	.....	.....	9,000	20,800	.....	.....
65	Portion delinquent in these enterprises.....percent..	68.2	.....	.....	.....	7.1	4.5	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	392,143	.....	.....	.....	4,520	16,005	([6])	.....
67	Enterprises reporting.....number...	39	.....	.....	.....	4	9	1	.....
68	Land in these enterprises.....acres....	199,384	.....	.....	.....	11,340	16,613	([6])	.....
69	Average indebtedness per acre.....dollars..	1.97	.....	.....	.....	0.40	0.96	([6])	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	327,556	.....	.....	.....	([6])	9,300	.....	.....
71	Enterprises reporting.....number...	20	.....	.....	.....	1	3	.....	.....
72	Land in these enterprises.....acres....	162,093	.....	.....	.....	([6])	5,573	.....	.....
73	Average arrearage per acre.....dollars..	2.02	.....	.....	.....	([6])	1.67	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	102,275	.....	.....	.....	.....	([6])	.....	.....
75	Enterprises reporting.....number...	4	.....	.....	.....	.....	1	.....	.....
76	Land in these enterprises.....acres....	13,940	.....	.....	.....	.....	([6])	.....	.....
77	Average reduction per acre.....dollars..	7.34	.....	.....	.....	.....	([6])	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 396.
[3] Included in "Other counties."
[4] Where there are less than 3 enterprises reporting in the State, data are not shown, except as stated in footnote 1.
[5] Investment in 1 pumping enterprise included with gravity enterprises having open ditches and tiles.
[6] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Green	Green Lake	Jefferson	Juneau	Kenosha	Manitowoc[1]	Marinette[1]	Milwaukee	Outagamie
	DRAINAGE WORKS									
1	Drainage enterprises.....number.....1940..	6	4	68	5	8	1	1	22	14
	Open ditches:									
2	Completed.....miles.....1940..	16.0	8.7	145.5	63.0	29.9	4.3	13.5	48.6	85.4
3	1930..	15.7	(2)	117.3	251.0	32.0	(2)	14.0	31.8	73.3
4	1920..	(2)	(2)	93.4	289.3	14.5	(2)	(2)	49.2	68.4
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed.....miles.....1940..	1.0	.....	52.4	6.6	12.0	.....	.....	8.6	2.1
7	1930..	16.6	.....	8.7	19.7	5.6	.....	.....	6.6	0.1
8	1920..	.....	.....	8.2	.....	10.0	.....	.....	4.8	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	20.0
	Levees and dikes:									
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	3.5
11	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....	.....	1.0
13	Additional length authorized.....miles.....1940..	.....	.....	.....	0.8	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....	(3)
15	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....	(3)
18	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	(3)
21	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1.....dollars.....1940..	44,407	27,261	119,768	152,881	116,583	12,920	18,000	208,043	180,007
26	1930..	55,710	(2)	86,658	787,660	108,959	(2)	25,000	93,887	108,865
27	1920..	(2)	(2)	47,187	739,100	100,100	(2)	(2)	110,120	117,540
28	Estimated cost when completed.....dollars.....1940..	44,407	27,261	119,768	152,881	116,583	12,920	18,000	208,043	205,007
29	1930..	55,710	(2)	86,658	788,160	108,959	(2)	25,000	93,887	108,865
30	1920..	(2)	(2)	47,187	761,004	100,100	(2)	(2)	110,120	167,540
31	Average cost per acre when completed.....dollars.....1940..	7.05	6.20	3.02	5.21	7.75	6.76	3.85	18.28	5.66
32	1930..	10.94	(2)	2.24	5.65	7.26	(2)	4.17	14.13	4.38
33	1920..	(2)	(2)	2.70	5.71	8.48	(2)	(2)	13.12	9.15
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only.....dollars..	41,854	27,261	60,974	117,897	14,469	12,920	18,000	75,103	76,359
35	Average amount per acre.....dollars..	6.93	6.20	2.62	4.71	5.95	6.76	3.85	11.99	2.70
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	2,553	.....	12,898	11,810	338	.....	.....	.....	.....
39	Average amount per acre.....dollars..	9.82	.....	10.40	12.30	0.53	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	.....	.....	45,896	23,174	101,776	.....	.....	132,940	[4] 128,648
43	Average amount per acre.....dollars..	.....	.....	3.04	6.98	8.50	.....	.....	25.97	16.24
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	(3)
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	(3)
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	147	.....	530	250	181	.....	.....	3,030	697
53	Enterprises reporting.....number...	3	.....	3	3	6	.....	.....	5	5
54	Land in these enterprises.....acres....	2,420	.....	2,280	25,025	14,020	.....	.....	2,801	17,844
55	Average cost per acre.....dollars..	0.06	.....	0.23	0.01	0.01	.....	.....	1.08	0.04
	Federal aid in maintenance:									
56	Enterprises reporting.....number...	2	.....	.....	.....	4	1	1	10	1
57	Land in these enterprises.....acres....	(5)	.....	.....	.....	3,730	1,910	4,680	7,580	(5)
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939.....dollars..	(5)	(5)	.....	(5)	(5)	.....	.....	.....	(5)
59	Enterprises reporting.....number...	2	2	.....	1	1	.....	.....	.....	2
60	Land in these enterprises.....acres....	(5)	(5)	.....	(5)	(5)	.....	.....	.....	(5)
61	Average amount collected per acre.....dollars..	(5)	(5)	.....	(5)	(5)	.....	.....	.....	(5)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	(5)	(5)	.....	.....	.....	.....	.....	.....
63	Enterprises reporting.....number...	.....	1	1	.....	.....	.....	.....	.....	.....
64	Land in these enterprises.....acres....	.....	(5)	(5)	.....	.....	.....	.....	.....	.....
65	Portion delinquent in these enterprises.....percent..	.....	(5)	(5)	.....	.....	.....	.....	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	.....	(5)	(5)	(5)	.....	.....	.....	16,464	.....
67	Enterprises reporting.....number...	.....	2	2	1	.....	.....	.....	3	.....
68	Land in these enterprises.....acres....	.....	(5)	(5)	(5)	.....	.....	.....	1,736	.....
69	Average indebtedness per acre.....dollars..	.....	(5)	(5)	(5)	.....	.....	.....	9.48	.....
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	.....	.....	(5)	(5)	.....	.....	.....	.....	.....
71	Enterprises reporting.....number...	.....	.....	1	1	.....	.....	.....	.....	.....
72	Land in these enterprises.....acres....	.....	.....	(5)	(5)	.....	.....	.....	.....	.....
73	Average arrearage per acre.....dollars..	.....	.....	(5)	(5)	.....	.....	.....	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	(5)
75	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....	1
76	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....	(5)
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....	(5)

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting in the State, data are not shown, except as stated in footnote 1.
[4] Investment in 1 pumping enterprise included with gravity enterprises having open ditches and tile.
[5] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)		Ozaukee	Polk	Racine	Rock	Rusk	Sauk[1]	Shawano	Sheboygan
	DRAINAGE WORKS									
1	Drainage enterprises	number 1940	12	3	8	6	5	1	7	9
	Open ditches:									
2	Completed	miles 1940	13.0	9.5	81.7	32.7	5.0	4.4	32.3	7.6
3		1930	8.6	(2)	90.4	37.0	24.8	(2)	22.8	43.4
4		1920	23.7	(2)	95.3	30.5	17.6	.....	16.0	23.4
5	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:									
6	Completed	miles 1940	13.8	.....	39.1	.....	11.0	.....	.....	13.5
7		1930	22.8	(2)	45.6	.....	15.3	.....	.....	5.9
8		1920	2.1	.....	31.7	.....	36.1	.....	.....	4.4
9	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:									
10	Completed	miles 1940	.....	.....	.....	.....	.....	4.0	.....	.....
11		1930	.....	.....	.....	.....	.....	.....	.....	.....
12		1920	.....	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized	miles 1940	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:									
14	Engine capacity	horsepower 1940	.....	.....	.....	.....	.....	.....	.....	.....
15		1930	.....	.....	.....	.....	.....	.....	.....	.....
16		1920	.....	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity	gal. per min. 1940	.....	.....	.....	.....	.....	.....	.....	.....
18		1930	.....	.....	.....	.....	.....	.....	.....	.....
19		1920	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps	acres 1940	.....	.....	.....	.....	.....	.....	.....	.....
21		1930	.....	.....	.....	.....	.....	.....	.....	.....
22		1920	.....	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage	number 1940	.....	.....	.....	.....	.....	.....	.....	.....
24		1930	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED									
25	Capital invested to January 1	dollars 1940	97,277	29,249	311,694	89,554	68,858	25,955	32,400	57,051
26		1930	91,767	(2)	447,535	81,885	71,765	(2)	30,100	317,602
27		1920	60,160	(2)	406,000	88,375	69,516	.....	9,740	135,033
28	Estimated cost when completed	dollars 1940	97,277	29,249	311,694	89,554	68,858	25,955	32,400	57,051
29		1930	91,767	(2)	447,535	81,885	71,765	(2)	31,000	317,602
30		1920	63,160	(2)	406,000	88,375	82,516	.....	10,490	260,033
31	Average cost per acre when completed	dollars 1940	11.81	11.83	6.36	4.86	12.82	5.90	2.38	10.63
32		1930	13.83	(2)	8.18	6.96	11.24	(2)	1.34	30.00
33		1920	10.60	(2)	6.56	5.60	15.95	.....	2.28	36.59
	Invested in and required for completion, 1940:									
34	Enterprises having open ditches only	dollars	13,021	29,249	.....	89,554	1,905	.....	32,400	20,800
35	Average amount per acre	dollars	6.61	11.83	.....	4.86	4.33	.....	2.38	15.07
36	Enterprises having open ditches and levees	dollars	.....	.....	.....	.....	.....	25,955	.....	.....
37	Average amount per acre	dollars	.....	.....	.....	.....	.....	5.90	.....	.....
38	Enterprises having tile only	dollars	12,274	.....	67,633	.....	58,953	.....	.....	10,420
39	Average amount per acre	dollars	5.96	.....	39.78	.....	16.02	.....	.....	10.63
40	Enterprises having tile and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile	dollars	71,982	.....	244,061	.....	8,000	.....	.....	25,831
43	Average amount per acre	dollars	17.10	.....	5.16	.....	6.40	.....	.....	8.59
44	Enterprises having ditches, tile, and levees	dollars	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION									
	Cost of maintenance and operation in 1939:									
48	By enterprises operating pumping plants	dollars	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting	number	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises	acres	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre	dollars	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants	dollars	(3)	.....	4,216	(3)	.....	100	(3)	(3)
53	Enterprises reporting	number	1	.....	7	1	.....	1	1	1
54	Land in these enterprises	acres	(3)	.....	44,200	(3)	.....	4,400	(3)	(3)
55	Average cost per acre	dollars	(3)	.....	0.10	(3)	.....	0.02	(3)	(3)
	Federal aid in maintenance:									
56	Enterprises reporting	number	2	.....	4	4	.....	.....	.....	4
57	Land in these enterprises	acres	(3)	.....	14,060	11,502	.....	.....	.....	2,866
	FINANCIAL CONDITION									
58	Drainage taxes collected in 1939	dollars	(3)	.....	8,357	(3)	.....	1,000	.....	.....
59	Enterprises reporting	number	2	.....	4	1	.....	1	.....	.....
60	Land in these enterprises	acres	(3)	.....	32,260	(3)	.....	4,400	.....	.....
61	Average amount collected per acre	dollars	(3)	.....	0.26	(3)	.....	0.23	.....	.....
62	Area delinquent in drainage taxes, Dec. 31, 1939	acres	.....	.....	920	(3)	3,700	500	.....	.....
63	Enterprises reporting	number	.....	.....	3	1	4	1	.....	.....
64	Land in these enterprises	acres	.....	.....	13,860	(3)	4,930	4,400	.....	.....
65	Portion delinquent in these enterprises	percent	.....	.....	6.6	(3)	75.0	11.4	.....	.....
66	Total indebtedness, Dec. 31, 1939	dollars	.....	.....	(3)	.....	23,114	400	.....	.....
67	Enterprises reporting	number	.....	.....	2	.....	3	1	.....	.....
68	Land in these enterprises	acres	.....	.....	(3)	.....	3,680	4,400	.....	.....
69	Average indebtedness per acre	dollars	.....	.....	(3)	.....	6.28	0.09	.....	.....
70	Indebtedness in arrears, Dec. 31, 1939	dollars	.....	.....	(3)	.....	23,114	400	.....	.....
71	Enterprises reporting	number	.....	.....	1	.....	3	1	.....	.....
72	Land in these enterprises	acres	.....	.....	(3)	.....	3,680	4,400	.....	.....
73	Average arrearage per acre	dollars	.....	.....	(3)	.....	6.28	0.09	.....	.....
74	Reduction of debt by refinancing, prior to 1940	dollars	.....	.....	(3)	.....	.....	.....	.....	.....
75	Enterprises reporting	number	.....	.....	1	.....	.....	.....	.....	.....
76	Land in these enterprises	acres	.....	.....	(3)	.....	.....	.....	.....	.....
77	Average reduction per acre	dollars	.....	.....	(3)	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] Included in "Other counties."
[3] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1.

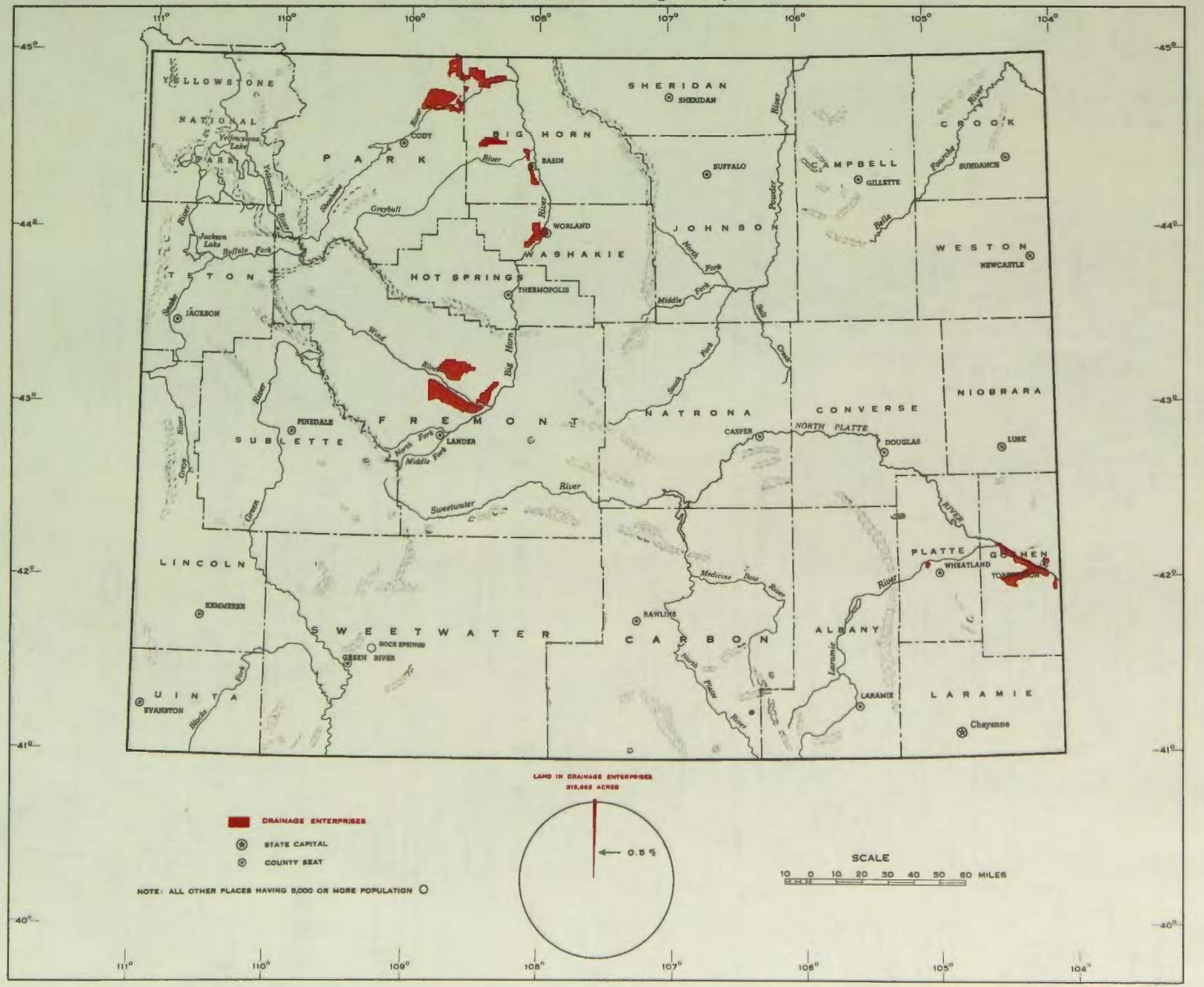
COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939—Continued

	ITEM (See definitions in Introduction)	Walworth	Washington	Waukesha	Waupaca	Waushara	Winnebago[1]	Wood	Other counties[2]
	DRAINAGE WORKS								
1	Drainage enterprises.....number.....1940..	4	4	17	8	9	2	3	13
	Open ditches:								
2	Completed.....miles.....1940..	28.2	14.4	38.5	17.7	32.3	7.5	18.0	295.0
3	1930..	25.3	(3)	46.7	5.5	28.4	10.5	250.0	435.6
4	1920..	23.3	20.5	35.1	(3)	16.9	10.0	137.0	457.4
5	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Tile drains:								
6	Completed.....miles.....1940..	17.9	1.7	1.2	4.8	.....	.....	2.0	10.0
7	1930..	8.3	(3)	0.8	2.5	.....	2.0	2.3	28.8
8	1920..	7.5	0.5	5.0	.....	.....	.....	.....	.....
9	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Levees and dikes:								
10	Completed.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	0.5
11	1930..	.....	.....	.....	.....	.....	.....	2.0	7.0
12	1920..	.....	.....	.....	.....	.....	.....	0.8	5.1
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:								
14	Engine capacity.....horsepower....1940..	.....	.....	.....	.....	.....	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....	40
16	1920..	.....	.....	.....	.....	.....	.....	.....	150
17	Pump capacity.....gal. per min..1940..	.....	.....	.....	.....	.....	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....	5,000
19	1920..	.....	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....	50
22	1920..	.....	.....	.....	.....	.....	.....	.....	6,597
23	Wells pumped for drainage.....number.....1940..	.....	.....	.....	.....	.....	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED								
25	Capital invested to January 1.....dollars.....1940..	123,264	47,706	75,742	75,401	60,122	19,560	48,810	1,015,296
26	1930..	152,555	(3)	80,941	61,124	75,734	45,400	602,915	1,718,579
27	1920..	63,465	64,500	44,835	(3)	27,000	20,400	394,200	1,130,508
28	Estimated cost when completed.....dollars.....1940..	123,264	47,706	75,742	75,401	60,122	19,560	48,810	1,015,296
29	1930..	152,555	(3)	80,941	71,124	75,734	45,400	602,915	1,719,579
30	1920..	63,465	64,500	44,835	(3)	27,000	20,400	394,200	1,298,424
31	Average cost per acre when completed.....dollars.....1940..	11.99	6.76	6.48	7.90	4.79	4.20	4.62	4.01
32	1930..	20.78	(3)	13.18	9.89	5.43	7.35	9.28	5.43
33	1920..	7.12	14.33	5.71	(3)	3.73	3.27	6.13	3.88
	Invested in and required for completion, 1940:								
34	Enterprises having open ditches only.....dollars..	22,760	15,000	34,594	33,961	60,122	19,560	15,500	870,296
35	Average amount per acre.....dollars..	6.32	6.36	4.46	6.05	4.79	4.20	2.01	3.98
36	Enterprises having open ditches and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	13,000
37	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	24.07
38	Enterprises having tile only.....dollars..	4,120	.....	9,000	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	41.20	.....	36.44	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	96,384	32,706	32,148	41,440	.....	.....	33,310	132,000
43	Average amount per acre.....dollars..	14.65	6.96	8.74	10.52	.....	.....	11.73	3.88
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
47	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
	MAINTENANCE AND OPERATION								
	Cost of maintenance and operation in 1939:								
48	By enterprises operating pumping plants.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
49	Enterprises reporting.....number...	.....	.....	.....	.....	.....	.....	.....	.....
50	Land in these enterprises.....acres....	.....	.....	.....	.....	.....	.....	.....	.....
51	Average cost per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	(4)	.....	1,348	426	90	15	.....	1,403
53	Enterprises reporting.....number...	1	.....	3	5	3	1	.....	4
54	Land in these enterprises.....acres....	(4)	.....	1,387	5,770	1,900	4,340	.....	104,670
55	Average cost per acre.....dollars..	(4)	.....	0.97	0.07	0.05	(5)	.....	0.01
	Federal aid in maintenance:								
56	Enterprises reporting.....number...	2	1	4	1	7	1	1	4
57	Land in these enterprises.....acres....	(4)	(4)	3,989	(4)	10,860	4,340	(4)	168,430
	FINANCIAL CONDITION								
58	Drainage taxes collected in 1939.....dollars..	.....	.....	(4)	(4)	(4)	.....	(4)	(4)
59	Enterprises reporting.....number...	.....	.....	1	2	1	.....	1	2
60	Land in these enterprises.....acres....	.....	.....	(4)	(4)	(4)	.....	(4)	(4)
61	Average amount collected per acre.....dollars..	.....	.....	(4)	(4)	(4)	.....	(4)	(4)
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	.....	.....	.....	(4)	(4)	.....	(4)	116,120
63	Enterprises reporting.....number...	.....	.....	.....	2	2	.....	1	4
64	Land in these enterprises.....acres....	.....	.....	.....	(4)	(4)	.....	(4)	122,840
65	Portion delinquent in these enterprises.....percent..	.....	.....	.....	(4)	(4)	.....	(4)	94.5
66	Total indebtedness, Dec. 31, 1939.....dollars..	(4)	.....	.....	(4)	(4)	.....	(4)	249,300
67	Enterprises reporting.....number...	2	.....	.....	2	2	.....	1	4
68	Land in these enterprises.....acres....	(4)	.....	.....	(4)	(4)	.....	(4)	122,540
69	Average indebtedness per acre.....dollars..	(4)	.....	.....	(4)	(4)	.....	(4)	2.03
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	(4)	.....	.....	(4)	(4)	.....	(4)	248,000
71	Enterprises reporting.....number...	2	.....	.....	2	1	.....	1	3
72	Land in these enterprises.....acres....	(4)	.....	.....	(4)	(4)	.....	(4)	122,000
73	Average arrearage per acre.....dollars..	(4)	.....	.....	(4)	(4)	.....	(4)	2.03
74	Reduction of debt by refinancing, prior to 1940.....dollars..	(6)	.....	.....	.....	.....	.....	(4)	.....
75	Enterprises reporting.....number...	1	.....	.....	.....	.....	.....	1	1
76	Land in these enterprises.....acres....	(4)	.....	.....	.....	.....	.....	(4)	.....
77	Average reduction per acre.....dollars..	.....	.....	.....	.....	.....	.....	(4)	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] Includes Adams, Barron, Clark, Jackson, La Crosse, Monroe, Oconto, and Portage Counties in 1940; Adams, Barron, Brown, Buffalo, Burnett, Calumet, Clark, Green Lake, Jackson, Manitowoc, Marathon, Monroe, Oconto, Polk, Portage, Price, Trempealeau, and Washington Counties in 1930; and Adams, Barron, Brown, Buffalo, Burnett, Calumet, Clark, Door, Green, Green Lake, Jackson, Manitowoc, Marathon, Marinette, Monroe, Oconto, Polk, Portage, Trempealeau, and Waupaca Counties in 1920. [3] Included in "Other counties." [4] Where there are less than 3 enterprises reporting, data are included only in State totals, except as stated in footnote 1. [5] Less than 1 cent per acre. [6] Not reported.

WYOMING

Location of Land in Drainage Enterprises



STATE TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATE: JAN. 1, 1940, 1930, AND 1920

ITEM (See definitions in Introduction)	CENSUS OF—			INCREASE OR DECREASE (-)			
	1940	1930	1920	1930-1940		1920-1930	
				Amount	Percent	Amount	Percent
Approximate land area of State.....acres.....	62,403,840	62,430,720	62,430,720	.....	.....	.....	.....
Land in drainage enterprises.....acres.....	312,662	245,703	95,474	66,959	27.2	150,229	157.4
Improved.....acres.....	277,725	181,828	84,846	95,897	52.7	96,982	114.3
Unimproved:							
Timber and cut-over.....acres.....	1,002	1,100	.....	-98	-8.9	.....	.....
Other.....acres.....	33,935	62,775	10,628	-28,840	-45.9	52,147	490.6
Drainage sufficient for normal crop.....acres.....	287,833	219,762	(1)	68,071	31.0	.....	.....
Partly drained, for partial crop.....acres.....	11,555	16,920	(1)	-5,365	-31.7	.....	.....
Unfit to raise any crop for lack of drainage.....acres.....	13,274	9,021	[2] 20,785	4,253	47.1	-11,764	-56.6
In occupied farms.....acres.....	287,420	188,327	(1)	99,093	52.6	.....	.....
In planted crops.....acres.....	226,149	163,015	(1)	63,134	38.7	.....	.....
Idle.....acres.....	69,629	64,478	(1)	5,151	8.0	.....	.....
Available for settlement.....acres.....	10,535	39,505	(1)	-28,970	-73.3	.....	.....
Open ditches, completed.....miles.....	643.3	521.0	25.1	122.3	23.5	495.9	(3)
Tile drains, completed.....miles.....	262.1	237.6	114.2	24.5	10.3	123.4	108.0
Drainage pumping plants, capacity.....horsepower....	(4)	.....	.....	(4)	.....	.....	.....
gal. per min..	(4)	.....	.....	(4)	.....	.....	.....
Capital invested in enterprises.....dollars.....	5,594,856	5,250,573	1,175,962	344,283	6.6	4,074,611	346.5
Average per acre.....dollars.....	17.89	22.79	12.32	-4.90	-21.5	10.47	85.0

[1] Not available.
[2] Reported as "Swampy, subject to overflow, seeped, or alkali."
[3] Percent not shown when more than 1,000.
[4] Where there are less than 3 enterprises reporting, data are not shown.

STATE TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940, 1930, AND 1920

SIZE	AREA OF ENTERPRISES[1]			SIZE	AREA OF ENTERPRISES[1]		
	1940	1930	1920		1940	1930	1920
	Acres	*Acres*	*Acres*		*Acres*	*Acres*	*Acres*
All enterprises.....	312,662	248,316	95,474	1,000 to 1,999 acres.....	6,587	33,438	21,514
				2,000 to 4,999 acres.....	18,795		
Less than 100 acres.....	.....	.....	140	5,000 to 9,999 acres.....	60,181	63,067	27,400
100 to 199 acres.....	.....	.....		10,000 to 19,999 acres.....	37,545	100,375	45,920
200 to 499 acres.....	225	.....	.....	20,000 to 49,999 acres.....	83,902		
500 to 999 acres.....	.....	.....	500	50,000 to 99,999 acres.....	105,427	51,436	.....

[1] No overlapping of enterprises reported in Wyoming in 1940.

STATE TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	312,662	100.0	5,594,856	100.0
Drainage districts.....	88,803	28.4	2,315,973	41.4
Irrigation enterprises—Federal[1].....	223,859	71.6	3,278,883	58.6

[1] Includes projects or divisions of projects of Bureau of Reclamation operated by water users.

STATE TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940, 1930, AND 1920

TYPE OF DRAINAGE[1]	LAND IN ENTERPRISES						CAPITAL INVESTED IN ENTERPRISES					
	1940		1930		1920		1940		1930		1920	
	Acres	*Percent*	*Acres*	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	312,662	100.0	245,703	100.0	95,474	100.0	5,594,856	100.0	5,250,573	100.0	1,175,962	100.0
Gravity drainage only by—												
Open ditches.....	[2] 179,131	57.3	125,043	50.9	3,404	3.6	[2] 1,401,517	25.0	1,407,828	26.8	25,127	2.1
Tile drains.....	2,165	0.7	14,740	6.0	54,650	57.2	125,673	2.2	320,000	6.1	590,039	50.2
Open ditches and tile drains..	131,366	42.0	105,920	43.1	37,420	39.2	4,067,666	72.7	3,522,745	67.1	560,796	47.7
Part only by pumping by—												
Open ditches.....	(2)	(2)	.....	.....	.....	.....	(2)	(2)	.....	.....	.....	.....

[1] Each item includes those enterprises that have provided levees in addition to the kind of drains specified.
[2] Data for 1 enterprise operating a pumping plant are included in those for enterprises not operating pumping plants, having open ditches only.

STATE TABLE 5.—LAND, CAPITAL INVESTED, AND AREA DELINQUENT IN DRAINAGE TAXES, BY ARREARAGE IN PAYMENT OF OBLIGATIONS: JAN. 1, 1940 AND 1930

FINANCIAL STATUS	LAND IN ENTERPRISES				CAPITAL INVESTED				AREA DELINQUENT	
	1940		1930		1940		1930		1940	1930
	Acres	Percent	Acres	Percent	Dollars	Percent	Dollars	Percent	Acres	Acres
All enterprises	312,662	100.0	245,703	100.0	5,594,856	100.0	5,250,573	100.0	21,680	18,686
Enterprises in arrears	19,225	6.1	32,021	13.0	457,473	8.2	797,824	15.2	10,275	10,250
With some delinquent land	13,465	4.3	24,021	9.8	199,800	3.6	617,824	11.8	10,275	10,250
With no report on delinquency	5,760	1.8	8,000	3.2	257,673	4.6	180,000	3.4	.....	.....
Enterprises not in arrears	288,437	92.3	213,682	87.0	4,987,383	89.1	4,452,749	84.8	11,405	8,436
With some delinquent land	26,755	8.6	101,407	41.3	755,000	13.5	3,296,828	62.8	11,405	8,436
With no delinquent land	242,824	77.7	92,115	37.5	3,788,883	67.7	831,121	15.8	.....	.....
With no report on delinquency	18,858	6.0	20,160	8.2	443,500	7.9	324,800	6.2	.....	.....
Enterprises not reporting on arrearage—with no report on delinquency	5,000	1.6	.....	.....	150,000	2.7	.....	.....	.....	.....

STATE TABLE 6.—LAND, CAPITAL INVESTED, INDEBTEDNESS, ARREARAGE IN PAYMENT OF BONDS, REDUCTION OF DEBT BY REFINANCING, AND ACREAGE DELINQUENT, 1940; DRAINAGE TAXES COLLECTED IN 1939; BY INDEBTEDNESS AND ARREARAGE, JAN. 1, 1940

FINANCIAL STATUS	Land in enterprises	Capital invested	Indebtedness	Arrearage in payment of bonds	Reduction of debt by refinancing	Delinquent in drainage taxes	Drainage taxes collected in 1939
	Acres	Dollars	Dollars	Dollars	Dollars	Acres	Dollars
All enterprises	312,662	5,594,856	4,455,107	141,631	408,147	21,680	48,981
Enterprises in debt	307,856	5,542,963	4,455,107	141,631	408,147	21,680	47,882
In arrears, amount of arrearage stated	19,225	457,473	357,325	141,631	42,500	10,275	3,474
Collecting drainage taxes in 1939	5,060	151,800	158,325	11,631	12,500	275	3,474
No collections reported	14,165	305,673	199,000	130,000	30,000	10,000	.....
Not in arrears	283,631	4,935,490	3,978,282	.....	365,647	11,405	44,408
Collecting drainage taxes in 1939	271,858	4,761,106	3,803,898	.....	365,647	11,405	44,408
No collections reported	11,773	174,384	174,384	.....	.....	.....	.....
Not reporting as to arrears	5,000	150,000	119,500	.....	.....	.....	.....
No collections reported	5,000	150,000	119,500	.....	.....	.....	.....
Enterprises not in debt	4,806	51,893	.....	.....	.....	.....	1,099
Collecting drainage taxes in 1939	2,000	35,000	.....	.....	.....	.....	1,099
No collections reported	2,806	16,893	.....	.....	.....	.....	.....

STATE TABLE 7.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	312,662	100.0	5,594,856	100.0
Improvement of land already in farms	104,358	33.4	3,322,778	59.4
Removal of alkali or seepage from irrigation	208,304	66.6	2,272,078	40.6

STATE TABLE 8.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises		Capital invested	
	Acres	Percent	Dollars	Percent
All enterprises	312,662	100.0	5,594,856	100.0
1910-1914	15,595	5.0	312,000	5.6
1915-1919	97,958	31.3	1,781,200	31.8
1920-1924	152,721	48.9	1,604,657	28.7
1925-1929	46,388	14.8	1,896,999	33.9

STATE TABLE 9.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT			USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres	Percent	Acres	Acres	Acres
All enterprises	312,662	287,833	92.0	11,555	13,274	277,725	88.8	1,002	33,935	287,420	91.9	226,149	69,629	10,535
1910-1914	15,595	10,300	66.0	2,295	3,000	12,300	78.9	.....	3,295	15,595	100.0	11,300	295	.....
1915-1919	97,958	92,692	94.6	450	4,816	81,547	83.2	602	15,809	86,735	88.5	69,949	15,524	9,800
1920-1924	152,721	144,653	94.7	3,110	4,958	145,905	95.5	400	6,416	144,886	94.9	108,941	43,381	545
1925-1929	46,388	40,188	86.6	5,700	500	37,973	81.8	.....	8,415	40,204	86.7	35,959	10,429	190

STATE TABLE 10.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	312,662	312,662	299,694	12,968	36,137	0.12	0.12
Gravity drainage only[1]	312,662	312,662	299,694	12,968	36,137	0.12	0.12
Open ditches only[1]	173,018	173,018	173,018	.....	10,264	0.06	0.06
Open ditches and levees	6,113	6,113	6,113	.....	1,209	0.20	0.20
Tile drains only	2,165	2,165	2,165	.....	500	0.23	0.23
Open ditches and tile drains	131,366	131,366	118,398	12,968	24,164	0.18	0.20

[1] Data for 1 enterprise operating a pumping plant are included in those for enterprises having gravity drainage only.

STATE TABLE 11.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	312,662	100.0	5,594,856	100.0
Method:				
By district forces	282,938	90.5	5,163,779	92.3
By contract	1,465	0.5	19,800	0.4
Work apportioned to landowners	1,680	0.5	40,000	0.7
"None," or not reporting	26,579	8.5	371,277	6.6
Whether systematic:				
Reporting "yes"	221,085	70.7	2,700,185	48.3
Reporting "no"	91,577	29.3	2,894,671	51.7

STATE TABLE 12.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY OWNERSHIP OF POWER EQUIPMENT FOR MAINTENANCE, 1940

ITEM	All enterprises	ENTERPRISES OWNING POWER EQUIPMENT	
		Amount	Percent
Land in enterprises.....acres	312,662	268,097	85.7
Capital invested.....dollars	5,594,856	4,674,999	83.6
Drainage works:			
Open ditches.....miles	643.3	551.2	85.7
Tile drains.....miles	262.1	196.9	75.1
Levees.....miles	7.2	7.2	100.0

STATE TABLE 13.—LAND, CAPITAL INVESTED, AND DRAINAGE WORKS, BY FEDERAL AGENCY GIVING AID IN MAINTENANCE, 1940

AGENCY	Land in enterprises	Capital invested	DRAINAGE WORKS		
			Ditches	Tile	Levees
	Acres	*Dollars*	*Miles*	*Miles*	*Miles*
All enterprises reporting Federal aid received	61,853	2,463,594	291.6	134.2	.....
Civilian Conservation Corps	61,853	2,463,594	291.6	134.2	.....

COUNTY TABLE I.—LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)	THE STATE	Big Horn	Fremont	Goshen	Park	Platte[1]	Washakie
	LAND AREA							
1	Approximate land area.....acres....1940..	62,403,840	2,032,640	5,916,160	1,427,200	3,338,880	1,352,960	1,447,680
2	Drainage enterprises.....number...1940..	[2] 28	12	3	3	4	1	3
3	Land in enterprises.....acres....1940..	312,632	65,358	109,046	57,292	59,001	1,680	20,285
4	1930..	245,703	75,034	33,600	55,186	61,061	1,840	18,982
5	1920..	95,474	41,750	140	2,764	29,920	500	20,400
6	Area of all enterprises, overlapping included.....acres....1940..	312,662	65,358	109,046	57,292	59,001	1,680	20,285
7	Amount of overlapping.....acres....1940..	.....	.....	.....	.....	.....	.....	.....
	CONDITION AND USE OF LAND							
8	Land with drainage sufficient for normal crop.....acres....1940..	287,833	52,900	107,346	55,252	50,370	1,680	20,285
9	1930..	219,762	57,114	32,980	53,337	55,399	1,800	18,532
10	Increase or decrease (-), 1930-1940.....acres.....	68,071	-4,214	74,366	1,915	-5,029	-120	1,753
11	percent.....	31.0	-7.4	225.5	3.6	-10.1	-6.7	9.5
12	Land undrained, unfit for any crop.....acres....1940..	13,274	8,686	1,400	2,040	1,148	.....	.....
13	1930..	9,021	4,840	620	1,649	1,687	.....	225
14	Increase or decrease (-), 1930-1940.....acres.....	4,253	3,846	780	391	-539	.....	-225
15	percent.....	47.1	79.5	125.8	23.7	-32.0	.....	-100.0
16	Land partly drained, for partial crop.....acres....1940..	11,555	3,772	300	.....	7,483	.....	.....
17	1930..	16,920	13,080	.....	200	3,375	40	225
18	Increase or decrease (-), 1930-1940.....acres.....	-5,365	-9,308	300	-200	4,108	-40	-225
19	percent.....	-31.7	-71.2	.....	-100.0	121.7	-100.0	-100.0
20	Improved land.....acres....1940..	277,725	55,935	96,727	53,201	49,897	1,680	20,285
21	1930..	181,828	54,555	13,400	51,897	44,636	1,840	15,500
22	1920..	84,846	33,922	140	2,764	29,920	500	17,600
	Unimproved land:							
23	Woodland and cut-over land.....acres....1940..	1,002	602	400	.....	.....	.....	.....
24	1930..	1,100	1,100	.....	.....	.....	.....	.....
25	1920..	.....	.....	.....	.....	.....	.....	.....
26	Other unimproved land.....acres....1940..	33,935	8,821	11,919	4,091	9,104	.....	.....
27	1930..	62,775	19,379	20,200	3,289	16,425	.....	3,482
28	1920..	10,628	7,828	.....	.....	.....	.....	2,800
29	Land in occupied farms.....acres....1940..	287,420	62,025	99,246	52,520	52,447	1,680	19,502
30	1930..	188,327	59,757	11,350	53,446	44,434	1,840	17,500
31	Increase or decrease (-), 1930-1940.....acres.....	99,093	2,268	87,896	-926	8,013	-160	2,002
32	percent.....	52.6	3.8	774.4	-1.7	18.0	-8.7	11.4
33	Land in planted crops.....acres....1940..	226,149	44,317	65,781	48,289	47,279	1,680	18,803
34	1930..	163,015	51,835	9,673	43,480	40,727	1,800	15,500
35	Increase or decrease (-), 1930-1940.....acres.....	63,134	-7,518	56,108	4,809	6,552	-120	3,303
36	percent.....	38.7	-14.5	580.0	11.1	16.1	-6.7	21.3
37	Land idle.....acres....1940..	69,629	16,079	32,565	8,963	11,323	.....	699
38	1930..	64,478	19,685	23,927	9,066	8,400	.....	3,400
39	Increase or decrease (-), 1930-1940.....acres.....	5,151	-3,606	8,638	-103	2,923	.....	-2,701
40	percent.....	8.0	-18.3	36.1	-1.1	34.8	.....	-79.4
41	Land available for settlement.....acres....1940..	10,535	386	9,800	.....	349	.....	.....
42	1930..	39,505	9,331	22,050	.....	6,724	.....	1,400
43	Increase or decrease (-), 1930-1940.....acres.....	-28,970	-8,945	-12,250	.....	-6,375	.....	-1,400
44	percent.....	-73.3	-95.9	-55.6	.....	-94.8	.....	-100.0
	LAND CLASSIFIED BY WORKS, 1940							
45	Land drained by open ditches only.....acres.....	[3] 173,018	16,090	94,941	[3] 54,486	7,501	.....	.....
46	Length of these ditches.....miles.....	[3] 318.2	84.8	47.0	[3] 151.0	35.4	.....	.....
47	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
48	Land drained by open ditches and own levees.....acres.....	6,113	.....	6,113	.....	.....	.....	.....
49	Length of these ditches.....miles.....	7.2	.....	7.2	.....	.....	.....	.....
50	Length of these levees.....miles.....	7.2	.....	7.2	.....	.....	.....	.....
51	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
52	Land drained by tile only.....acres.....	2,165	2,165	.....	.....	.....	.....	.....
53	Length of these tile.....miles.....	8.0	8.0	.....	.....	.....	.....	.....
54	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
55	Land drained by tile and own levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
56	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
57	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
58	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
59	Land drained by open ditches and tile.....acres.....	131,366	47,103	7,992	2,806	51,500	1,680	20,285
60	Length of these open ditches.....miles.....	317.9	62.5	11.8	0.1	223.0	3.0	17.5
61	Length of these tile.....miles.....	254.1	72.9	7.7	0.1	142.7	8.0	22.7
62	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
63	Land drained by open ditches, tile, and levees.....acres.....	.....	.....	.....	.....	.....	.....	.....
64	Length of these open ditches.....miles.....	.....	.....	.....	.....	.....	.....	.....
65	Length of these tile.....miles.....	.....	.....	.....	.....	.....	.....	.....
66	Length of these levees.....miles.....	.....	.....	.....	.....	.....	.....	.....
67	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....
68	Land in enterprises operating pumping plants.....acres.....	([3])	.....	.....	([3])	.....	.....	.....
69	Length of open ditches owned by these enterprises..miles.....	([3])	.....	.....	([3])	.....	.....	.....
70	Length of tile owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
71	Length of levees owned by these enterprises.....miles.....	.....	.....	.....	.....	.....	.....	.....
72	Part protected by levees of an outside agency.....acres.....	.....	.....	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 25.
[3] Data for 1 enterprise operating pumping plant are included in those for enterprises drained by open ditches only.

COUNTY TABLE II.—DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)	THE STATE	Big Horn	Fremont	Goshen	Park	Platte[1]	Washakie
	DRAINAGE WORKS							
1	Drainage enterprises.....number.....1940..	[2] 28	12	5	3	4	1	3
	Open ditches:							
2	Completed.....miles.....1940..	643.3	147.3	66.0	151.1	258.4	3.0	17.5
3	1930..	521.0	198.3	22.7	108.0	178.0	.....	14.0
4	1920..	25.1	2.5	[3]	[3]	17.6	[3]	.....
5	Additional length authorized.....miles.....1940..	47.5	19.5	6.0	7.0	15.0	.....	.....
	Tile drains:							
6	Completed.....miles.....1940..	262.1	80.9	7.7	0.1	142.7	8.0	22.7
7	1930..	237.6	68.2	13.0	.....	135.7	3.7	17.0
8	1920..	114.2	43.9	[3]	[3]	47.1	[3]	23.2
9	Additional length authorized.....miles.....1940..	1.0	.....	.....	.....	1.0	.....	.....
	Levees and dikes:							
10	Completed.....miles.....1940..	7.2	.....	7.2	.....	.....	.....	.....
11	1930..	.....	.....	.....	.....	.....	.....	.....
12	1920..	.....	.....	.....	.....	.....	.....	.....
13	Additional length authorized.....miles.....1940..	.....	.....	.....	.....	.....	.....	.....
	Pumping plants:							
14	Engine capacity.....horsepower....1940..	[4]	.....	.....	[4]	.....	.....	.....
15	1930..	.....	.....	.....	.....	.....	.....	.....
16	1920..	.....	.....	.....	.....	.....	.....	.....
17	Pump capacity.....gal. per min..1940..	[4]	.....	.....	[4]	.....	.....	.....
18	1930..	.....	.....	.....	.....	.....	.....	.....
19	1920..	.....	.....	.....	.....	.....	.....	.....
20	Land served by pumps.....acres.....1940..	[4]	.....	.....	[4]	.....	.....	.....
21	1930..	.....	.....	.....	.....	.....	.....	.....
22	1920..	.....	.....	.....	.....	.....	.....	.....
23	Wells pumped for drainage.....number.....1940..	[4]	.....	.....	[4]	.....	.....	.....
24	1930..	.....	.....	.....	.....	.....	.....	.....
	CAPITAL INVESTED							
25	Capital invested to January 1.....dollars.....1940..	5,594,856	1,819,256	457,027	498,878	2,194,695	40,000	585,000
26	1930..	5,250,573	1,818,624	309,419	473,369	2,075,161	20,000	554,000
27	1920..	1,175,962	550,027	6,231	16,896	442,808	2,000	158,000
28	Estimated cost when completed.....dollars.....1940..	5,728,123	1,875,183	477,027	504,878	2,246,035	40,000	585,000
29	1930..	5,599,032	1,849,624	309,419	498,369	2,349,120	37,000	555,500
30	1920..	1,667,367	727,433	6,231	21,120	632,583	2,000	278,000
31	Average cost per acre when completed.....dollars.....1940..	18.32	28.69	4.37	8.81	38.07	23.81	28.84
32	1930..	22.79	24.65	9.21	9.03	38.47	20.11	29.26
33	1920..	17.46	17.42	44.51	7.64	21.14	4.00	13.63
	Invested in and required for completion, 1940:							
34	Enterprises having open ditches only.....dollars..	[5] 1,417,344	510,610	197,027	[5] 487,985	221,722	.....	.....
35	Average amount per acre.....dollars..	[5] 8.19	31.73	2.08	[5] 8.96	29.56	.....	.....
36	Enterprises having open ditches and levees.....dollars..	67,000	.....	67,000	.....	.....	.....	.....
37	Average amount per acre.....dollars..	10.96	.....	10.96	.....	.....	.....	.....
38	Enterprises having tile only.....dollars..	125,673	125,673	.....	.....	.....	.....	.....
39	Average amount per acre.....dollars..	58.05	58.05	.....	.....	.....	.....	.....
40	Enterprises having tile and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
41	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
42	Enterprises having open ditches and tile.....dollars..	4,118,106	1,238,900	213,000	16,893	2,024,313	40,000	585,000
43	Average amount per acre.....dollars..	31.35	26.30	26.65	6.02	39.31	23.81	28.84
44	Enterprises having ditches, tile, and levees.....dollars..	.....	.....	.....	.....	.....	.....	.....
45	Average amount per acre.....dollars..	.....	.....	.....	.....	.....	.....	.....
46	Enterprises operating pumping plants.....dollars..	[6]	.....	.....	[6]	.....	.....	.....
47	Average amount per acre.....dollars..	[6]	.....	.....	[6]	.....	.....	.....
	MAINTENANCE AND OPERATION							
	Cost of maintenance and operation in 1939:							
48	By enterprises operating pumping plants.....dollars..	[6]	.....	.....	[6]	.....	.....	.....
49	Enterprises reporting.....number...	1	.....	.....	1	.....	.....	.....
50	Land in these enterprises.....acres....	[6]	.....	.....	[6]	.....	.....	.....
51	Average cost per acre.....dollars..	[6]	.....	.....	[6]	.....	.....	.....
52	By enterprises not operating pumping plants.....dollars..	[5] 36,137	6,336	5,255	[6]	8,979	.....	[6]
53	Enterprises reporting.....number...	24	12	5	1	4	.....	2
54	Land in these enterprises.....acres....	[5] 299,694	65,358	109,046	[6]	59,001	.....	[6]
55	Average cost per acre.....dollars..	[5] 0.12	0.10	0.04	[6]	0.15	.....	[6]
	Federal aid in maintenance:							
56	Enterprises reporting.....number...	3	1	.....	.....	2	.....	.....
57	Land in these enterprises.....acres....	61,853	[6]	.....	.....	[6]	.....	.....
	FINANCIAL CONDITION							
58	Drainage taxes collected in 1939.....dollars...	48,981	10,225	7,926	[6]	8,619	1,400	[6]
59	Enterprises reporting.....number...	22	9	5	2	3	1	2
60	Land in these enterprises.....acres....	278,918	49,018	109,046	[6]	49,403	1,680	[6]
61	Average amount collected per acre.....dollars..	0.18	0.21	0.07	[6]	0.17	0.83	[6]
62	Area delinquent in drainage taxes, Dec. 31, 1939.....acres....	21,680	[7] 19,680	2,000	.....	[7]	.....	.....
63	Enterprises reporting.....number...	9	5	3	.....	1	.....	.....
64	Land in these enterprises.....acres....	40,220	[7] 26,115	14,105	.....	[7]	.....	.....
65	Portion delinquent in these enterprises.....percent..	53.9	[7] 75.4	14.2	.....	[7]	.....	.....
66	Total indebtedness, Dec. 31, 1939.....dollars..	4,455,107	1,604,296	406,327	[8]	1,674,773	24,850	[8] 744,861
67	Enterprises reporting.....number...	26	12	5	1	4	1	3
68	Land in these enterprises.....acres....	307,856	65,358	109,046	[8]	59,001	1,680	[8] 72,771
69	Average indebtedness per acre.....dollars..	14.47	24.55	3.73	[8]	28.38	14.79	[8] 10.24
70	Indebtedness in arrears, Dec. 31, 1939.....dollars..	141,631	[7] 141,631	.....	.....	[7]	.....	.....
71	Enterprises reporting.....number...	5	4	.....	.....	1	.....	.....
72	Land in these enterprises.....acres....	19,225	[7] 19,225	.....	.....	[7]	.....	.....
73	Average arrearage per acre.....dollars..	7.37	[7] 7.37	.....	.....	[7]	.....	.....
74	Reduction of debt by refinancing, prior to 1940.....dollars..	408,147	408,147	.....	.....	.....	.....	.....
75	Enterprises reporting.....number...	8	8	.....	.....	.....	.....	.....
76	Land in these enterprises.....acres....	37,268	37,268	.....	.....	.....	.....	.....
77	Average reduction per acre.....dollars..	10.95	10.95	.....	.....	.....	.....	.....

[1] For counties having less than 3 enterprises, statistics are shown only by written permission of each enterprise affected. [2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in the State is 25. [3] Not available. [4] Where there are less than 3 enterprises reporting in the State, data are not shown. [5] Data for 1 enterprise operating pumping plant are included in those for enterprises not operating pumping plants, having open ditches only. [6] Where there are less than 3 enterprises reporting, data are shown only in the State totals, except as noted in footnotes 1 and 4. [7] Data for 1 enterprise in Park County included in those for Big Horn County. [8] Data for 1 enterprise in Goshen County included in those for Washakie County.

TABLE 1.—SUMMARY OF DRAINAGE FOR THE STATES: JAN. 1, 1940 AND 1930[1]

ITEM (See definitions in Introduction)	CENSUS OF—		INCREASE OR DECREASE (-)	
	1940	1930	Amount	Percent
Approximate land area of State.....acres.....	58,225,280	25,767,680	.....	.....
Land in drainage enterprises.....acres.....	43,759	15,042	28,717	190.9
Improved.....acres.....	21,299	6,042	15,257	252.5
Unimproved:				
Timber and cut-over.....acres.....	11,579	8,500	3,079	36.2
Other.....acres.....	10,881	500	10,381	(2)
Drainage sufficient for normal crop.....acres.....	15,714	13,138	2,576	19.6
Partly drained, for partial crop.....acres.....	17,534	1,904	15,630	820.9
Unfit to raise any crop for lack of drainage.....acres.....	10,511	.....	10,511	.....
In occupied farms.....acres.....	43,759	5,704	38,055	667.2
In planted crops.....acres.....	18,681	4,748	13,933	293.4
Idle.....acres.....	25,078	9,500	15,578	164.0
Available for settlement.....acres.....	.....	9,000	-9,000	-100.0
Open ditches, completed.....miles.....	89.0	40.0	49.0	122.5
Tile drains, completed.....miles.....	.....	.....	.....	.....
Drainage pumping plants, capacity.....horsepower....	.....	.....	.....	.....
gal. per min..	.....	.....	.....	.....
Capital invested in enterprises.....dollars.....	611,300	241,608	369,692	153.0
Average per acre.....dollars.....	13.97	16.06	-2.09	-13.0

[1] No drainage enterprises reported in Alabama in 1930.

[2] Percent not shown when more than 1,000.

TABLE 2.—AREA OF ENTERPRISES, BY SIZE: JAN. 1, 1940 AND 1930

SIZE	AREA OF ENTERPRISES[1]	
	1940	1930
	Acres	*Acres*
All enterprises.....	43,759	15,042
1,000 to 1,999 acres.....	.....	5,504
2,000 to 4,999 acres.....	2,146	
5,000 to 9,999 acres.....	.....	9,538
10,000 to 19,999 acres.....	41,613	.....

[1] No overlapping of enterprises indicated in Alabama and Virginia in 1940.

TABLE 3.—LAND AND CAPITAL INVESTED, BY CHARACTER OF ENTERPRISE, JAN. 1, 1940

CHARACTER OF ENTERPRISE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	43,759	100.0	611,300	100.0
Drainage districts.....	43,759	100.0	611,300	100.0
Other, or not reported.....	.....	.....	.....	.....

TABLE 4.—LAND AND CAPITAL INVESTED, BY TYPE OF DRAINAGE: JAN. 1, 1940 AND 1930

TYPE OF DRAINAGE	LAND IN ENTERPRISES				CAPITAL INVESTED IN ENTERPRISES			
	1940		1930		1940		1930	
	Acres	*Percent*	*Acres*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
All enterprises.....	43,759	100.0	15,042	100.0	611,300	100.0	241,608	100.0
Gravity drainage only by—								
Open ditches.....	43,759	100.0	15,042	100.0	611,300	100.0	241,608	100.0
All or part by pumping.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 5.—LAND AND CAPITAL INVESTED, BY PRINCIPAL PURPOSE OF DRAINAGE, JAN. 1, 1940

PURPOSE OF DRAINAGE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises.....	43,759	100.0	611,300	100.0
Improvement of land already in farms.....	28,045	64.1	410,000	67.1
Reclamation of swamp land not previously in farms.....	15,714	35.9	201,300	32.9

TABLE 6.—LAND AND CAPITAL INVESTED, BY DATE OF ORGANIZATION, JAN. 1, 1940

DATE OF ORGANIZATION	Land in enterprises[1]		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	43,759	100.0	611,300	100.0
Before 1915	.....	.....	.....	.....
1915-1919	28,045	64.1	410,000	67.1
1920-1924	.....	.....	.....	.....
1925-1929	15,714	35.9	201,300	32.9
1930-1939	.....	.....	.....	.....

[1] No overlapping of enterprises indicated in Alabama and Virginia in 1940.

TABLE 7.—DRAINAGE CONDITION, DEVELOPMENT, AND USE OF LAND IN ENTERPRISES, BY DATE OF ORGANIZATION, 1939

DATE OF ORGANIZATION	Land in all enterprises	DRAINAGE CONDITION				DEVELOPMENT				USE OF LAND				
		Drained		Partly drained	Undrained	Improved land		Timber and cut-over land	Other unimproved land	In occupied farms		In planted crops	Idle	Land available for settlement
	Acres	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*	*Percent*	*Acres*	*Acres*	*Acres*
All enterprises	43,759	15,714	35.9	17,534	10,511	21,299	48.7	11,579	10,881	43,759	100.0	18,681	25,078	.....
Before 1915	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1915-1919	28,045	.....	.....	17,534	10,511	10,523	37.5	7,011	10,511	28,045	100.0	9,822	18,223	.....
1920-1924	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1925-1929	15,714	15,714	100.0	.....	.....	10,776	68.5	4,568	370	15,714	100.0	8,859	6,855	.....
1930-1939	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 8.—COST OF OPERATION AND MAINTENANCE, BY TYPE OF DRAINAGE, 1939

TYPE OF DRAINAGE	Land in all enterprises	LAND REPORTING ON COST OF MAINTENANCE AND OPERATION			COST REPORTED		
		Total	Some cost	No cost	Total amount	Per acre on—	
						Total reporting	Area incurring
	Acres	*Acres*	*Acres*	*Acres*	*Dollars*	*Dollars*	*Dollars*
All enterprises	43,759	43,759	15,714	28,045	(1)	(1)	(1)
Gravity drainage only:							
Open ditches only	43,759	43,759	15,714	28,045	(1)	(1)	(1)
Pumping for all or part of drainage	.....	.....	.....	.....	.....	.....	.....

[1] Data not shown, to avoid disclosure of individual enterprises.

TABLE 9.—LAND AND CAPITAL INVESTED, BY METHOD OF MAINTENANCE AND BY WHETHER MAINTENANCE IS SYSTEMATIC, JAN. 1, 1940

MAINTENANCE	Land		Capital invested	
	Acres	*Percent*	*Dollars*	*Percent*
All enterprises	43,759	100.0	611,300	100.0
Method:				
By district forces	15,714	35.9	201,300	32.9
"None," or not reporting	28,045	64.1	410,000	67.1
Whether systematic:				
Reporting "yes"	15,714	35.9	201,300	32.9
Reporting "no"	28,045	64.1	410,000	67.1

TABLE 10.— LAND IN DRAINAGE ENTERPRISES CLASSIFIED BY CONDITION AND BY USE, 1940, 1930, AND 1920; AND BY KIND OF WORKS, 1940

	ITEM (See definitions in Introduction)			THE STATES[1]
	LAND AREA			
1	Approximate land area	acres	1940	58,225,280
2	Drainage enterprises	number	1940	[2] 4
3	Land in enterprises	acres	1940	43,759
4			1930	15,042
5			1920	.....
6	Area of all enterprises, overlapping included	acres	1940	43,759
7	Amount of overlapping	acres	1940	.....
	CONDITION AND USE OF LAND			
8	Land with drainage sufficient for normal crop	acres	1940	15,714
9			1930	13,138
10	Increase or decrease (-), 1930-1940	acres		2,576
11		percent		19.6
12	Land undrained, unfit for any crop	acres	1940	10,511
13			1930	.....
14	Increase or decrease (-), 1930-1940	acres		10,511
15		percent		.....
16	Land partly drained, for partial crop	acres	1940	17,534
17			1930	1,904
18	Increase or decrease (-), 1930-1940	acres		15,630
19		percent		820.9
20	Improved land	acres	1940	21,299
21			1930	6,042
22			1920	.....
	Unimproved land:			
23	Woodland and cut-over land	acres	1940	11,579
24			1930	8,500
25			1920	.....
	CONDITION AND USE OF LAND—Continued			
	Unimproved land—Continued			
26	Other unimproved land	acres	1940	10,881
27			1930	500
28			1920	.....
29	Land in occupied farms	acres	1940	43,759
30			1930	5,704
31	Increase or decrease (-), 1930-1940	acres		38,055
32		percent		667.2
33	Land in planted crops	acres	1940	18,681
34			1930	4,748
35	Increase or decrease (-), 1930-1940	acres		13,933
36		percent		293.4
37	Land idle	acres	1940	25,078
38			1930	9,500
39	Increase or decrease (-), 1930-1940	acres		15,578
40		percent		164.0
41	Land available for settlement	acres	1940	.....
42			1930	9,000
43	Increase or decrease (-), 1930-1940	acres		-9,000
44		percent		-100.0
	LAND CLASSIFIED BY WORKS, 1940			
45	Land drained by open ditches only	acres		43,759
46	Length of these ditches	miles		89.0
47	Part protected by levees of an outside agency	acres		.....

[1] No drainage enterprises reported in Alabama in 1930 or 1920, and none in Virginia in 1920.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in these States is 3.

TABLE 11.— DRAINAGE ENTERPRISES—WORKS AND CAPITAL INVESTED, 1940, 1930, AND 1920; AND MAINTENANCE AND OPERATION, AND FINANCIAL CONDITION, 1939

	ITEM (See definitions in Introduction)			THE STATES[1]
	DRAINAGE WORKS			
1	Drainage enterprises	number	1940	[2] 4
	Open ditches:			
2	Completed	miles	1940	89.0
3			1930	40.0
4			1920	.....
5	Additional length authorized	miles	1940	.....
	CAPITAL INVESTED			
6	Capital invested to January 1	dollars	1940	611,300
7			1930	241,608
8			1920	.....
9	Estimated cost when completed	dollars	1940	611,300
10			1930	241,608
11			1920	.....
12	Average cost per acre when completed	dollars	1940	13.97
13			1930	16.06
14			1920	.....
	Invested in and required for completion, 1940:			
15	Enterprises having open ditches only	dollars		611,300
16	Average amount per acre	dollars		13.97
	MAINTENANCE AND OPERATION			
	Cost of maintenance and operation in 1939:			
17	By enterprises operating pumping plants	dollars		.....
18	Enterprises reporting	number		.....
19	Land in these enterprises	acres		.....
20	Average cost per acre	dollars		.....
	MAINTENANCE AND OPERATION—Continued			
	Cost of maintenance and operation in 1939—Continued			
21	By enterprises not operating pumping plants	dollars		[3]
22	Enterprises reporting	number		2
23	Land in these enterprises	acres		[3]
24	Average cost per acre	dollars		[3]
	FINANCIAL CONDITION			
25	Drainage taxes collected in 1939	dollars		[3]
26	Enterprises reporting	number		2
27	Land in these enterprises	acres		[3]
28	Average amount collected per acre	dollars		[3]
29	Area delinquent in drainage taxes, Dec. 31, 1939	dollars		41,664
30	Enterprises reporting	number		4
31	Land in these enterprises	acres		43,759
32	Portion delinquent in these enterprises	percent		95.2
33	Total indebtedness, Dec. 31, 1939	dollars		169,500
34	Enterprises reporting	number		4
35	Land in these enterprises	acres		43,759
36	Average indebtedness per acre	dollars		3.87
37	Indebtedness in arrears, Dec. 31, 1939	dollars		41,500
38	Enterprises reporting	number		3
39	Land in these enterprises	acres		30,191
40	Average arrearage per acre	dollars		1.37
41	Reduction of debt by refinancing, prior to 1940	dollars		[3]
42	Enterprises reporting	number		2
43	Land in these enterprises	acres		[3]
44	Average reduction per acre	dollars		[3]

[1] No drainage enterprises reported in Alabama in 1930 and 1920, and none in Virginia in 1920.
[2] An intercounty enterprise is counted in each county in which a part is located. The number of separate enterprises in these States is 3.
[3] Data not shown, to avoid disclosures of individual enterprises.