TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION WORKS, 1940, 1930, AND 1920

[For the 17 western States and Arkansas and Louisiana]

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	TOTAL (19 States) [1]	Red River (of the North) and tributaries in North Dakota (I)	MISSOURI RIVER (II)					
				Total [2]	Direct (II)	Yellowstone River (II-A)			
						Total	Direct (II-A)	Clarks Fork	
								Total [3]	Direct (6)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises.....1940..number.....	91,815	13	12,126	593	2,255	468	271	105
2	Average size of enterprise based on area works were capable of supplying with water.....1940..acres.....	306	614	491	203	603	706	409	484
3	Diversion dams.....1940..total number.....	34,544	5	8,897	473	1,943	379	280	132
4	1930..total number.....	21,947	.....	5,006	15	1,000	23	49	49
5	1920..total number.....	23,894	.....	5,973	45	1,014	14	105	101
6	(a) Concrete and masonry.....1940..number.....	3,666	.....	673	26	153	21	27	3
7	(b) Timber.....1940..number.....	4,595	.....	1,046	55	240	54	72	36
8	(c) Earth and rock.....1940..number.....	18,032	5	5,351	233	955	158	86	34
9	(d) Other, mixed, and not reported..1940..number.....	8,251	.....	1,827	159	595	146	95	59
10	Main canals and laterals.....1940..total length, miles.....	127,533.7	23.9	31,131.1	1,189.2	8,162.6	1,812.7	823.3	230.9
11	1930..total length, miles.....	126,802	1	30,612	217	8,015	1,096	792	775
12	1920..total length, miles.....	159,864	.....	39,599	665	8,833	1,167	1,021	942
13	(a) Earth.....1940..length, miles.....	122,857	23	30,875	1,182	8,107	1,797	822	230
14	(b) Lined.....1940..length, miles.....	4,676.7	0.9	256.1	7.2	55.6	15.7	1.3	0.9
15	1940..capacity, c.f.s.[4].....	612,021	365	148,255	4,673	32,035	7,785	3,045	1,414
16	1930..capacity, c.f.s.[4].....	547,314	2	130,173	1,613	29,539	5,349	4,152	4,108
17	1920..capacity, c.f.s.[4].....	631,079	.....	167,891	1,617	32,064	5,508	3,353	3,177
18	Pipe lines[5].....1940..total length, miles.....	28,584.9	1.9	400.6	17.3	70.3	15.3	1.4	1.0
19	1930..total length, miles.....	17,363.1	1.2	101.1	0.7	4.9	1.0	0.7	0.7
20	1920..total length, miles.....	8,878.3	.....	89.5	4.3	13.1	2.0	.....	.....
21	(a) Concrete.....1940..length, miles.....	18,692.2	0.1	71.8	0.5	11.9	2.7	0.4	0.4
22	(b) Metal.....1940..length, miles.....	8,027.5	1.8	227.6	15.1	39.9	8.4	0.8	0.4
23	(c) Wood-stave.....1940..length, miles.....	1,236.5	.....	37.8	1.7	13.8	2.4	0.2	0.2
24	(d) Other.....1940..length, miles.....	628.7	.....	63.4	.....	4.7	1.8	.....	.....
25	Storage dams.....1940..total number.....	4,607	2	1,237	53	195	60	6	4
26	1930..total number.....	2,949	.....	734	10	86	2	1	.....
27	1920..total number.....	3,931	.....	1,246	22	160	11	5	5
28	(a) Concrete and masonry.....1940..number.....	409	.....	33	1	3	.....	.....	.....
29	(b) Earth and rock.....1940..number.....	3,795	2	1,119	49	185	57	4	4
30	(c) Other, mixed, and not reported..1940..number.....	403	.....	85	3	7	3	2	.....
31	Reservoirs.....1940..total number.....	[6]7,709	[7]2	1,332	59	205	61	6	4
32	(a) 1-99 acre-feet capacity.....1940..number.....	5,749	.....	747	44	117	37	3	3
33	(b) 100-999 acre-feet capacity....1940..number.....	1,107	2	336	13	49	18	.....	.....
34	(c) 1,000 and over acre-feet capacity.....1940..number.....	850	.....	249	2	39	6	3	1
35	1940..total capacity, ac.-ft.[8]..	33,787,382	720	6,715,271	13,595	945,935	42,364	32,568	1,568
36	1930..total number.....	5,122	.....	743	8	90	2	1	.....
37	1930..total capacity, ac.-ft....	24,508,590	.....	4,043,135	1,466	575,611	1,700	4,000	.....
38	Wells, flowing.....1940..number.....	4,641	.....	79	13	20	.....	.....	.....
39	1930..number.....	4,811	.....	21	.....	6	.....	1	1
40	1920..number.....	4,606	.....	41	.....	21	3	.....	.....
41	1940..yield, g.p.m.....	555,073	.....	9,915	3,585	2,494	.....	.....	.....
42	1930..yield, g.p.m.....	609,387	.....	7,218	.....	2,265	.....	100	100
43	1920..yield, g.p.m.....	935,057	.....	4,271	.....	194	69	.....	.....
44	Wells, pumped.....1940..number.....	68,279	.....	4,760	39	28	6	.....	.....
45	1930..number.....	56,729	.....	1,071	.....	4	.....	.....	.....
46	1920..number.....	32,094	.....	385	.....	6	.....	.....	.....
47	1940..yield, g.p.m.....	43,355,271	.....	3,633,499	10,565	6,613	2,238	.....	.....
48	1930..yield, g.p.m.....	32,467,120	.....	613,350	.....	555	.....	.....	.....
49	1920..yield, g.p.m.....	16,396,549	.....	171,464	.....	1,005	.....	.....	.....
50	Pumping plants.....1940..total number.....	78,293	16	5,738	190	229	114	4	4
51	1930..total number.....	59,344	8	1,198	16	55	27	2	2
52	Prime movers.....1940..capacity, hp.....	1,762,687	274	117,173	7,980	9,497	7,397	86	86
53	1930..capacity, hp.....	1,283,419	153	25,788	716	3,284	2,952	12	12
54	1920..capacity, hp.....	748,971	.....	18,329	6,602	3,965	2,501	10	10
55	(a) Electric.....1940..number.....	53,433	1	1,338	42	32	11	.....	.....
56	1940..capacity, hp.....	1,118,024	[9]	26,658	5,071	4,313	4,125	.....	.....
57	(b) Internal-combustion.....1940..number.....	23,215	15	4,285	143	181	94	4	4
58	1940..capacity, hp.....	588,123	266	88,287	2,792	4,224	2,323	86	86
59	(c) Other.....1940..number.....	1,645	.....	115	5	16	9	.....	.....
60	1940..capacity, hp.....	56,540	.....	2,228	117	960	949	.....	.....
61	Pumps.....1940..total number.....	78,528	16	5,994	206	244	122	4	4
62	1930..number.....	61,445	8	1,279	16	68	36	2	2
63	1920..number.....	33,804	.....	689	45	120	45	2	2
64	1940..capacity, g.p.m.....	75,802,998	26,045	5,733,010	411,389	532,157	415,724	3,995	3,995
65	1930..capacity, g.p.m.....	57,244,859	20,400	1,343,545	46,920	273,074	245,249	1,410	1,410
66	1920..capacity, g.p.m.....	36,275,005	.....	800,218	168,725	182,508	127,662	470	470
67	(a) Centrifugal.....1940..number.....	34,447	12	3,562	178	210	110	4	4
68	1940..capacity, g.p.m.....	42,036,392	19,975	3,537,513	360,698	462,759	353,531	3,995	3,995
69	1940..average capacity, g.p.m..	1,220	1,665	993	2,026	2,204	3,214	999	999
70	(b) Turbine.....1940..number.....	38,204	[7]1	2,202	17	11	6	.....	.....
71	1940..capacity, g.p.m.....	30,746,028	3,000	2,096,177	47,612	43,600	38,290	.....	.....
72	1940..average capacity, g.p.m..	805	3,000	.....	2,801	3,964	6,382	.....	.....
73	(c) Plunger.....1940..number.....	4,887	1	128	9	15	1	.....	.....
74	1940..capacity, g.p.m.....	299,420	[9]	7,701	429	548	[9]	.....	.....
75	1940..average capacity, g.p.m..	61	[9]	60	48	37	[9]	.....	.....
76	(d) Other.....1940..number.....	990	2	102	2	8	5	.....	.....
77	1940..capacity, g.p.m.....	2,721,158	[9]	91,619	[9]	25,250	23,900	.....	.....
78	Pumping lift, from all sources.....1940..average, feet.....	51	21	32	23	22	19	22	22
79	1930..average, feet.....	51	13	26	31	19	22	9	9
80	1920..average, feet.....	41	.....	22	32	25	24	8	8
81	from pumped wells.....1940..average, feet.....	55	.....	35	27	44	16	.....	.....
82	from surface sources...1940..average, feet.....	28	21	20	22	19	19	22	22

[1] For the 17 western States and Arkansas and Louisiana. [2] Data for 2 enterprises in Osage River Drainage Basin, Kans., are included with Missouri River total. [3] Data for the intrastate tributaries of the Clarks Fork are not shown separately but are included in the Clarks Fork total. [4] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources. [5] Includes siphons and farm pipe lines reported. [6] Three reservoirs reported with no capacity. [7] Data for less than 3 enterprises shown with permission of the enterprises involved. [8] Total capacity of all reservoirs regardless of size. [9] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)		MISSOURI RIVER (II)—Continued							
			Yellowstone River (II-A)—Continued							
			Big Horn River				Tongue River		Powder River		Intrastate tributaries in Montana
			Total[5]	Direct (8)	Shoshone River (17)	Little Horn River (18)	Total[6]	Direct (20)	Total[7]	Direct (22)	
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1										
1	Enterprises	1940..number	737	108	80	32	245	174	234	44	300
2	Average size of enterprise based on area works were capable of supplying with water	1940..acres	897	1,702	1,783	1,025	379	314	338	212	286
3	Diversion dams	1940..total number	491	75	28	25	217	175	259	35	317
4		1930..total number	308	23	24	8	84	34	62	9	474
5		1920..total number	311	55	38	2	183	43	152	18	249
6	(a) Concrete and masonry	1940..number	49	6	8	.....	29	20	6	.....	21
7	(b) Timber	1940..number	34	6	5	1	15	10	11	.....	54
8	(c) Earth and rock	1940..number	243	30	6	17	129	107	223	35	116
9	(d) Other, mixed, and not reported	1940..number	165	33	9	7	44	38	19	.....	126
10	Main canals and laterals	1940..total length, miles	3,485.5	582.7	829.1	201.0	690.1	466.6	575.4	53.3	775.6
11		1930..total length, miles	3,605	544	877	44	500	163	385	26	1,637
12		1920..total length, miles	3,141	606	775	43	708	266	804	46	1,992
13	(a) Earth	1940..length, miles	3,463	579	820	201	687	464	572	53	766
14	(b) Lined	1940..length, miles	22.5	3.7	9.1	.....	3.1	2.6	3.4	0.3	9.6
15		1940..capacity, c.f.s.[9]	13,298	2,381	2,611	404	2,943	1,856	2,255	211	2,709
16		1930..capacity, c.f.s.[9]	12,194	1,703	3,529	30	1,482	629	1,025	118	5,337
17		1920..capacity, c.f.s.[9]	9,877	2,387	3,079	46	2,508	1,333	2,620	183	8,198
18	Pipe lines[10]	1940..total length, miles	45.1	10.1	15.3	3.1	1.7	0.7	5.8	2.5	1.0
19		1930..total length, miles	2.2	.....	1.0	.....	1.0	1.0	.....	.....	.....
20		1920..total length, miles	10.0	4.5	2.5	0.5	0.3	0.1	0.3	.....	0.5
21	(a) Concrete	1940..length, miles	8.6	.....	7.3	.....	0.2	0.1	.....	.....	.....
22	(b) Metal	1940..length, miles	23.5	8.4	3.6	3.1	1.5	0.6	5.6	2.5	0.1
23	(c) Wood-stave	1940..length, miles	10.2	1.5	2.4	.....	.....	.....	0.1	.....	0.9
24	(d) Other	1940..length, miles	2.8	0.2	2.0	.....	.....	.....	0.1	.....	.....
25	Storage dams	1940..total number	51	12	7	9	35	20	37	18	6
26		1930..total number	29	.....	4	2	11	5	12	3	31
27		1920..total number	31	2	9	.....	37	12	32	13	44
28	(a) Concrete and masonry	1940..number	1	.....	1	.....	1	1	1	.....	.....
29	(b) Earth and rock	1940..number	49	12	6	9	34	19	35	18	6
30	(c) Other, mixed, and not reported	1940..number	1	.....	.....	.....	.....	.....	1	.....	.....
31	Reservoirs	1940..total number	60	19	8	11	32	19	39	19	7
32	(a) 1-99 acre-feet capacity	1940..number	25	13	2	5	23	17	25	14	4
33	(b) 100-999 acre-feet capacity	1940..number	14	6	1	1	3	1	11	5	3
34	(c) 1,000 and over acre-feet capacity	1940..number	21	.....	5	5	6	1	3	.....	.....
35		1940..total capacity, ac.-ft.[11]	762,306	1,729	463,515	30,606	73,989	60,595	33,554	1,554	1,154
36		1930..total number	41	2	5	3	13	3	13	4	20
37		1930..total capacity, ac.-ft.	502,077	42	459,570	206	47,554	35	4,984	60	15,296
38	Wells, flowing	1940..number	14	10	.....	.....	1	1	5	5	.....
39		1930..number	4	2	.....	.....	.....	.....	1	1	.....
40		1920..number	1	.....	.....	.....	.....	.....	17	15	.....
41		1940..yield, g.p.m.	2,286	1,096	.....	.....	(12)	(12)	178	178	.....
42		1930..yield, g.p.m.	1,965	950	.....	.....	.....	.....	200	200	.....
43		1920..yield, g.p.m.	.....	.....	.....	.....	.....	.....	125	119	.....
44	Wells, pumped	1940..number	8	6	.....	.....	4	3	9	5	1
45		1930..number	.....	.....	.....	.....	.....	.....	.....	.....	4
46		1920..number	1	1	.....	.....	2	.....	2	1	1
47		1940..yield, g.p.m.	2,565	1,565	.....	.....	300	285	1,210	85	(12)
48		1930..yield, g.p.m.	.....	.....	.....	.....	.....	.....	.....	.....	555
49		1920..yield, g.p.m.	950	950	.....	.....	.....	.....	15	10	40
50	Pumping plants	1940..total number	42	20	3	2	42	33	22	10	5
51		1930..total number	5	5	.....	.....	7	6	3	.....	11
52	Prime movers	1940..capacity, hp	952	246	8	(12)	581	454	393	200	88
53		1930..capacity, hp	93	93	.....	.....	118	96	33	.....	76
54		1920..capacity, hp	406	357	.....	.....	361	286	570	245	117
55	(a) Electric	1940..number	14	11	2	.....	7	2	.....	.....	.....
56		1940..capacity, hp	131	105	(12)	.....	57	(12)	.....	.....	.....
57	(b) Internal-combustion	1940..number	27	9	.....	2	34	30	17	5	5
58		1940..capacity, hp	819	141	.....	(12)	523	414	385	192	88
59	(c) Other	1940..number	1	.....	1	.....	1	1	5	5	.....
60		1940..capacity, hp	(12)	.....	(12)	.....	(12)	(12)	8	8	.....
61	Pumps	1940..total number	42	20	2	2	42	33	29	11	5
62		1930..number	5	5	.....	.....	7	6	4	.....	14
63		1920..number	25	20	.....	.....	18	16	19	15	11
64		1940..capacity, g.p.m.	52,023	15,615	520	(12)	37,140	34,470	19,735	12,930	3,540
65		1930..capacity, g.p.m.	4,240	4,240	.....	.....	6,335	5,900	6,505	.....	9,335
66		1920..capacity, g.p.m.	11,800	8,840	.....	.....	19,275	14,575	14,670	14,265	8,631
67	(a) Centrifugal	1940..number	36	15	1	2	36	28	19	6	5
68		1940..capacity, g.p.m.	50,538	14,150	(12)	(12)	33,140	30,485	18,015	12,845	3,540
69		1940..average capacity, g.p.m.	1,404	943	(12)	(12)	921	1,089	948	2,141	708
70	(b) Turbine	1940..number	2	2	.....	.....	1	1	2	.....	.....
71		1940..capacity, g.p.m.	(12)	(12)	.....	.....	(12)	(12)	(12)	.....	.....
72		1940..average capacity, g.p.m.	(12)	(12)	.....	.....	(12)	(12)	(12)	.....	.....
73	(c) Plunger	1940..number	2	1	1	.....	4	3	8	5	.....
74		1940..capacity, g.p.m.	(12)	(12)	(12)	.....	300	285	190	85	.....
75		1940..average capacity, g.p.m.	(12)	(12)	(12)	.....	75	95	24	17	.....
76	(d) Other	1940..number	2	2	.....	.....	1	1	.....	.....	.....
77		1940..capacity, g.p.m.	(12)	(12)	.....	.....	(12)	(12)	.....	.....	.....
78	Pumping lift, from all sources	1940..average, feet	28	31	30	(12)	17	17	36	61	12
79		1930..average, feet	9	9	.....	.....	12	12	54	.....	15
80		1920..average, feet	38	40	.....	.....	18	15	30	16	12
81	from pumped wells	1940..average, feet	41	54	.....	.....	26	33	75	110	(12)
82	from surface sources	1940..average, feet	25	23	30	(12)	16	15	13	12	16

[1] Data for 1 enterprise in Keya Paha River Basin are included with Niobrara River. [2] Data for the intrastate tributaries of the Little Missouri River are not shown separately but are included in the White River total. [5] Data for the intrastate tributaries of the Big Horn River are not shown separately but are included in the Tongue River total. [6] Data for the intrastate tributaries of the Tongue River are not shown separately but are included in the Powder River total. [7] Data for the intrastate tributaries of the Powder River are not shown separately but are included in the Powder River total. [9] Capacities (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources. [10] Includes siphons and farm Census.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

MISSOURI RIVER (II)—Continued														
Little Missouri River		Cheyenne River								White River				
				Belle Fourche River			South Fork Cheyenne River		Intrastate tributary in South Dakota (Cherry Creek)			Niobrara River[1]	James River	
Total[2]	Direct	Total	Direct[3]	Total[3]	Direct	Redwater Creek	Total[8]	Direct		Total[4]	Direct			
	(31)		(40)		(41)	(42)		(43)	(47)		(49)	(51)	(54)	
31	21	288	5	83	49	34	185	85	15	52	43	89	10	1
87	88	445	161	1,042	1,640	181	219	207	9	326	369	149	35	2
17	15	300	10	67	42	25	205	71	18	46	34	78	.....	3
14	.....	116	.....	57	.....	.....	58	50	.....	22	.....	18	.....	4
21	.....	284	182	24	.....	.....	58	47	.....	63	.....	30	.....	5
.....	.....	14	.....	7	6	1	7	2	.....	2	2	14	.....	6
.....	.....	20	.....	8	.....	8	12	1	.....	3	3	3	.....	7
7	5	231	10	41	31	10	162	57	18	35	25	37	.....	8
10	10	35	.....	11	5	6	24	11	.....	6	4	24	.....	9
19.0	15.0	1,075.3	5.0	795.8	740.7	55.1	268.5	129.1	6.0	72.0	68.0	98.2	.....	10
5	.....	1,159	.....	973	.....	.....	185	149	.....	77	.....	48	.....	11
77	.....	1,457	1,148	94	.....	.....	215	170	.....	197	.....	128	.....	12
19	15	1,064	5	786	732	54	267	129	6	72	68	98	.....	13
.....	.....	11.3	.....	9.8	8.7	1.1	1.5	0.1	.....	.....	.....	0.2	.....	14
98	65	1,962	13	1,019	862	157	915	307	15	265	234	246	17	15
54	.....	2,060	.....	1,474	.....	.....	585	536	.....	100	.....	43	.....	16
160	.....	6,438	5,210	397	.....	.....	831	806	.....	237	.....	212	.....	17
0.3	0.2	9.7	.....	7.5	7.0	0.5	1.6	0.7	0.6	20.0	18.7	3.0	1.4	18
2.0	.....	8.4	.....	7.2	.....	.....	0.2	0.2	.....	5.5	.....	.....	.....	19
0.1	.....	7.0	6.8	.....	.....	.....	0.2	0.2	.....	0.4	.....	0.1	.....	20
.....	.....	5.7	.....	5.7	5.7	.....	.....	.....	.....	.....	.....	1.1	.....	21
0.3	0.2	2.7	.....	1.0	0.9	0.1	1.1	0.2	0.6	12.2	11.2	0.2	1.4	22
.....	.....	0.7	.....	0.2	0.2	.....	0.5	0.5	.....	7.3	7.0	1.2	.....	23
.....	.....	0.6	.....	0.6	0.2	0.4	.....	.....	.....	0.5	0.5	0.5	.....	24
16	8	84	.....	24	20	4	58	36	2	11	9	5	1	25
12	.....	25	.....	6	.....	.....	16	10	.....	3	.....	11	.....	26
24	.....	137	95	25	.....	.....	17	15	.....	23	.....	12	.....	27
.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	28
15	7	80	.....	21	18	3	57	36	2	9	7	5	1	29
1	1	3	.....	2	1	1	1	.....	.....	2	2	.....	.....	30
21	9	95	.....	28	22	6	64	37	3	12	10	5	1	31
16	6	78	.....	25	19	6	50	25	3	4	4	5	1	32
5	3	15	.....	2	2	.....	13	11	.....	5	3	.....	.....	33
.....	.....	2	.....	1	1	.....	1	1	.....	3	3	.....	.....	34
1,857	1,394	204,511	.....	197,747	197,697	50	6,759	5,337	5	15,571	14,591	132	(12)	35
4	.....	14	.....	2	.....	.....	12	6	.....	1	.....	3	.....	36
120	.....	205,433	.....	203,040	.....	.....	2,393	2,057	.....	12,000	.....	675	.....	37
.....	.....	9	.....	6	2	4	3	3	.....	.....	.....	.....	.....	38
.....	.....	9	.....	8	.....	.....	1	1	.....	.....	.....	.....	.....	39
.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	2,100	.....	1,810	(12)	1,750	290	290	.....	.....	.....	.....	.....	41
.....	.....	3,005	.....	2,975	.....	.....	30	30	.....	.....	.....	.....	.....	42
.....	.....	2,750	2,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
.....	.....	4	.....	1	1	.....	3	2	.....	5	4	13	7	44
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45
.....	.....	2	1	1	.....	.....	.....	.....	.....	2	.....	.....	.....	46
.....	.....	144	.....	(12)	(12)	.....	140	(12)	.....	1,290	1,235	13,840	509	47
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
.....	.....	2,800	800	2,000	.....	.....	.....	.....	.....	2,200	.....	.....	.....	49
7	7	47	6	12	12	.....	28	25	1	33	18	28	14	50
.....	.....	5	.....	2	.....	.....	3	3	.....	.....	.....	.....	.....	51
88	88	964	138	285	285	.....	539	491	(12)	494	353	616	213	52
.....	.....	80	.....	22	.....	.....	58	58	.....	.....	.....	.....	.....	53
175	.....	292	173	103	.....	.....	16	16	.....	53	.....	8	.....	54
.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	3	55
.....	.....	(12)	.....	(12)	(12)	.....	.....	.....	.....	.....	.....	.....	66	56
7	7	44	6	9	9	.....	28	25	1	32	17	28	11	57
88	88	830	138	151	151	.....	539	491	(12)	462	321	616	147	58
.....	.....	2	.....	2	2	.....	.....	.....	.....	1	1	.....	.....	59
.....	.....	(12)	.....	(12)	(12)	.....	.....	.....	.....	(12)	(12)	.....	.....	60
7	7	48	5	13	13	.....	29	26	1	33	18	29	15	61
.....	.....	5	.....	2	.....	.....	3	3	.....	.....	.....	.....	.....	62
4	.....	19	14	4	.....	.....	1	1	.....	3	.....	1	.....	63
7,600	7,600	52,824	7,200	15,104	15,104	.....	30,500	28,830	(12)	26,976	16,145	24,655	6,929	64
.....	.....	3,580	.....	1,360	.....	.....	2,220	2,220	.....	.....	.....	.....	.....	65
8,000	.....	14,041	9,550	3,391	.....	.....	1,100	1,100	.....	4,000	.....	480	.....	66
7	7	45	5	10	10	.....	29	26	1	32	18	24	10	67
7,600	7,600	52,220	7,200	14,500	14,500	.....	30,500	28,830	(12)	26,970	16,145	19,025	6,723	68
1,086	1,086	1,160	1,440	1,450	1,450	.....	1,052	1,109	(12)	843	897	793	672	69
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	70
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,630	200	71
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,158	50	72
.....	.....	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	1	73
.....	.....	(12)	.....	(12)	(12)	.....	.....	.....	.....	(12)	.....	.....	(12)	74
.....	.....	(12)	.....	(12)	(12)	.....	.....	.....	.....	(12)	.....	.....	(12)	75
.....	.....	2	.....	2	2	.....	.....	.....	.....	.....	.....	1	.....	76
.....	.....	(12)	.....	(12)	(12)	.....	.....	.....	.....	.....	.....	(12)	.....	77
15	15	16	16	18	18	.....	16	16	(12)	31	30	31	17	78
.....	.....	32	.....	35	.....	.....	31	31	.....	.....	.....	.....	.....	79
32	.....	17	16	20	.....	.....	10	10	.....	35	.....	8	.....	80
.....	.....	26	.....	(12)	(12)	.....	22	.....	.....	46	36	50	25	81
15	15	16	16	17	17	.....	15	16	(12)	27	29	18	15	82

separately but are included in the Little Missouri River total. [3]Data for Belle Fourche (North Fork) in South Dakota for 1920 are included with Cheyenne River Direct. Big Horn River are not shown separately but are included in the Big Horn River total. [6]Data for the intrastate tributaries of the Tongue River are not shown separately [8]Data for the intrastate tributaries of the South Fork Cheyenne River are not shown separately but are included in the South Fork Cheyenne River total. [9]Total capacity pipe lines reported. [11]Total capacity of all reservoirs regardless of size. [12]Data are included only in totals because less than 3 enterprises reported in the 1940

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	MISSOURI RIVER (II) — Continued							
		Platte River (II-B)							
				North Platte River (II-Ba)					
		Total	Direct (II-B)	Total	Direct (II-Ba)	Laramie River		Intrastate tributaries in Wyoming	Intrastate tributary in Nebraska (Blue Creek) (22)
						Total[2]	Direct (15)		
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises....1940..number....	6,075	1,434	1,569	855	299	123	387	28
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres....	504	263	829	919	964	1,574	555	420
3	Diversion dams....1940..total number....	3,371	13	2,157	777	562	223	812	6
4	1930..total number....	2,028	3	1,124	41	426	120	471	.....
5	1920..total number....	2,137	4	1,199	52	390	72	483	.....
6	(a) Concrete and masonry....1940..number....	327	4	165	48	12	3	101	4
7	(b) Timber....1940..number....	312	2	258	48	20	2	190	.....
8	(c) Earth and rock....1940..number....	2,227	5	1,452	584	461	188	405	2
9	(d) Other, mixed, and not reported..1940..number....	505	2	282	97	69	30	116	.....
10	Main canals and laterals....1940..total length, miles....	13,422.2	682.7	7,477.9	4,417.3	1,266.5	619.0	1,752.0	42.1
11	1930..total length, miles....	12,618	493	6,541	3,025	1,209	603	1,636	.....
12	1920..total length, miles....	14,961	344	7,023	2,342	1,317	589	2,280	.....
13	(a) Earth....1940..length, miles....	13,292	681	7,423	4,376	1,262	618	1,743	42
14	(b) Lined....1940..length, miles....	130.2	1.7	54.9	41.3	4.5	1.0	9.0	0.1
15	1940..capacity, c.f.s.[3]....	72,454	4,347	28,684	18,714	5,474	3,929	4,347	149
16	1930..capacity, c.f.s.[3]....	66,838	3,375	24,490	10,520	6,277	5,040	3,709	.....
17	1920..capacity, c.f.s.[3]....	67,344	1,776	27,254	10,496	6,411	2,196	4,811	.....
18	Pipe lines[4]....1940..total length, miles....	188.9	39.6	33.9	28.5	1.8	1.0	3.5	0.1
19	1930..total length, miles....	52.9	1.0	27.2	24.7	.....	.....	2.5	.....
20	1920..total length, miles....	50.8	.....	3.6	0.7	0.4	0.3	2.5	.....
21	(a) Concrete....1940..length, miles....	45.2	1.2	14.8	13.8	0.8	0.5	0.2	.....
22	(b) Metal....1940..length, miles....	109.7	37.8	8.7	6.9	1.0	0.5	0.7	0.1
23	(c) Wood-stave....1940..length, miles....	6.5	0.6	3.4	2.4	.....	.....	1.0	.....
24	(d) Other....1940..length, miles....	27.5	.....	7.0	5.4	.....	.....	1.6	.....
25	Storage dams....1940..total number....	607	48	146	58	50	20	36	2
26	1930..total number....	371	2	119	7	20	5	76	.....
27	1920..total number....	469	1	141	11	41	8	69	.....
28	(a) Concrete and masonry....1940..number....	17	.....	9	1	5	2	2	1
29	(b) Earth and rock....1940..number....	555	48	118	49	38	17	30	1
30	(c) Other, mixed, and not reported..1940..number....	35	.....	19	8	7	1	4	.....
31	Reservoirs....1940..total number....	636	47	166	79	44	21	40	3
32	(a) 1-99 acre-feet capacity....1940..number....	309	45	103	58	25	9	19	1
33	(b) 100-999 acre-feet capacity....1940..number....	166	2	28	10	8	7	10	.....
34	(c) 1,000 and over acre-feet capacity....1940..number....	161	.....	35	11	11	5	11	2
35	1940..total capacity, ac.-ft.[5]..	4,608,419	526	3,839,231	3,430,095	326,235	312,189	73,681	9,220
36	1930..total number....	419	4	121	8	23	5	72	.....
37	1930..total capacity, ac.-ft....	2,570,939	189	1,772,184	1,338,520	249,223	236,500	66,022	.....
38	Wells, flowing....1940..number....	14	.....	8	1	7	7	.....	.....
39	1930..number....	.....	.....	.....	.....	.....	.....	.....	.....
40	1920..number....	6	.....	2	.....	.....	.....	2	.....
41	1940..yield, g.p.m....	1,260	.....	751	(6)	750	750	.....	.....
42	1930..yield, g.p.m....	.....	.....	.....	.....	.....	.....	.....	.....
43	1920..yield, g.p.m....	270	.....	40	.....	.....	.....	40	.....
44	Wells, pumped....1940..number....	4,277	1,655	266	237	6	4	1	22
45	1930..number....	956	4	11	1	.....	.....	1	.....
46	1920..number....	313	14	9	2	2	.....	5	.....
47	1940..yield, g.p.m....	3,353,350	1,411,279	241,662	221,266	1,998	1,593	(6)	18,323
48	1930..yield, g.p.m....	560,450	990	1,320	365	.....	.....	5	.....
49	1920..yield, g.p.m....	143,904	10,551	4,330	3,180	1,150	.....	.....	.....
50	Pumping plants....1940..total number....	4,348	1,591	350	317	9	6	2	22
51	1930..total number....	904	6	41	21	.....	.....	15	.....
52	Prime movers....1940..capacity, hp....	80,575	30,596	7,107	6,071	54	43	(6)	970
53	1930..capacity, hp....	14,787	37	635	477	.....	.....	137	.....
54	1920..capacity, hp....	3,889	180	410	311	6	.....	83	.....
55	(a) Electric....1940..number....	1,129	113	34	31	1	1	1	1
56	1940..capacity, hp....	14,288	1,425	587	546	(6)	(6)	(6)	(6)
57	(b) Internal-combustion....1940..number....	3,163	1,463	301	276	5	4	.....	20
58	1940..capacity, hp....	65,679	29,002	6,354	5,375	40	32	.....	939
59	(c) Other....1940..number....	56	15	15	10	3	1	1	1
60	1940..capacity, hp....	608	169	166	150	13	(6)	(6)	(6)
61	Pumps....1940..total number....	4,533	1,734	365	332	9	6	2	22
62	1930..number....	944	6	44	22	.....	.....	17	.....
63	1920..number....	307	14	34	16	3	1	14	.....
64	1940..capacity, g.p.m....	3,813,132	1,506,089	359,336	335,957	2,881	2,468	(6)	18,423
65	1930..capacity, g.p.m....	723,029	3,290	63,991	51,752	.....	.....	11,239	.....
66	1920..capacity, g.p.m....	220,040	14,580	24,039	21,002	1,650	500	787	.....
67	(a) Centrifugal....1940..number....	2,418	935	248	240	6	5	2	.....
68	1940..capacity, g.p.m....	1,942,891	780,430	252,669	248,276	2,318	1,918	(6)	.....
69	1940..average capacity, g.p.m..	804	835	1,019	1,034	386	384	(6)	.....
70	(b) Turbine....1940..number....	1,987	759	91	71	1	1	.....	19
71	1940..capacity, g.p.m....	1,816,445	703,025	95,125	76,175	(6)	(6)	.....	18,400
72	1940..average capacity, g.p.m..	914	926	1,045	1,073	(6)	(6)	.....	968
73	(c) Plunger....1940..number....	52	14	9	5	1	.....	.....	3
74	1940..capacity, g.p.m....	3,308	934	1,564	1,536	(6)	.....	.....	23
75	1940..average capacity, g.p.m..	64	67	174	307	(6)	.....	.....	8
76	(d) Other....1940..number....	76	26	17	16	1	.....	.....	.....
77	1940..capacity, g.p.m....	50,488	21,700	9,978	9,970	(6)	.....	.....	.....
78	Pumping lift, from all sources....1940..average, feet....	33	31	27	24	19	19	(6)	74
79	1930..average, feet....	27	9	20	21	.....	.....	.....	.....
80	1920..average, feet....	22	31	21	22	13	10	.....	.....
81	from pumped wells....1940..average, feet....	35	31	31	28	20	20	(6)	74
82	from surface sources...1940..average, feet....	20	19	16	16	18	18	(6)	.....

[1]Data for the intrastate tributaries of the Smoky Hill River are not shown separately but are included in the Smoky Hill River total.
[2]Data for the intrastate tributaries of the Laramie River are not shown separately but are included in the Laramie River total.
[3]Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

MISSOURI RIVER (II) — Continued															
Platte River (II-B)—Continued							Kansas River (II-C)								
South Platte River (II-Bb)									Republican River				Smoky Hill River			
Total	Direct (II-Bb)	Cache la Poudre River (8)	Crow Creek (9)	Lodgepole Creek (13)	Intrastate tributaries in Colorado	Intrastate tributaries in Nebraska	Total	Direct (II-C)	Total	Direct (1)	Arikaree River (2)	Frenchman Creek (3)	Total[1]	Direct (4)	White Woman Creek (7)	
2,840	1,307	579	52	158	744	232	547	44	278	210	34	34	104	11	36	1
463	497	414	155	165	526	302	113	29	145	69	287	472	134	52	274	2
1,184	384	334	47	99	320	17	76	.....	62	20	27	15	4	4	.....	3
897	100	208	75	62	452	4	28	.....	21	.....	.....	.....	1	.....	.....	4
930	106	123	14	63	624	4	58	.....	53	.....	.....	.....	5	.....	.....	5
155	32	30	1	8	84	3	11	.....	8	2	4	2	.....	.....	.....	6
52	16	4	.....	1	31	.....	5	.....	4	1	2	1	.....	.....	.....	7
765	224	260	45	70	166	5	44	.....	36	15	10	11	4	4	.....	8
212	112	40	1	20	39	9	16	.....	14	2	11	1	.....	.....	.....	9
4,971.2	2,459.7	779.7	44.7	103.7	1,583.4	290.4	213.7	.....	198.5	36.2	70.3	92.0	6.1	3.0	.....	10
5,581	2,116	1,309	70	142	1,943	3	131	.....	114	.....	.....	.....	2	.....	.....	11
7,569	1,782	1,684	64	278	3,761	25	294	.....	285	.....	.....	.....	8	.....	.....	12
4,901	2,454	735	44	103	1,565	287	213	.....	198	36	70	92	6	3	.....	13
70.2	5.7	44.7	0.7	0.7	18.4	3.4	0.7	.....	0.5	0.2	0.3	.....	0.1	.....	.....	14
38,094	18,951	5,961	108	307	12,767	1,329	1,095	9	831	324	257	250	83	39	.....	15
38,965	16,741	5,918	191	236	15,879	8	445	.....	401	.....	.....	.....	8	.....	.....	16
38,215	13,272	8,444	220	607	15,672	99	1,333	.....	1,307	.....	.....	.....	20	.....	.....	17
89.4	20.5	36.0	1.9	4.4	26.6	26.0	24.9	5.1	9.7	6.9	0.5	2.3	3.3	0.5	.....	18
23.5	3.4	0.6	.....	.....	19.0	1.2	4.3	.....	0.6	.....	.....	.....	0.4	.....	.....	19
46.9	9.8	18.0	.....	.....	19.1	0.3	2.5	.....	2.0	.....	.....	.....	0.1	.....	.....	20
21.4	10.1	8.0	0.2	0.2	2.9	7.8	0.6	.....	0.6	0.6	.....	.....	.....	.....	.....	21
46.2	6.4	18.7	1.7	2.9	16.5	17.0	20.8	4.8	7.4	5.6	0.5	1.3	2.5	0.5	.....	22
2.3	0.4	0.8	.....	0.8	0.3	0.2	0.8	.....	0.1	0.1	.....	.....	.....	.....	.....	23
19.5	3.6	8.5	.....	0.5	6.9	1.0	2.7	0.3	1.6	0.6	.....	1.0	0.8	.....	.....	24
381	91	103	9	6	172	32	28	.....	17	8	8	1	5	.....	.....	25
246	20	95	7	10	113	4	4	.....	2	.....	.....	.....	1	.....	.....	26
321	14	97	13	16	180	6	18	.....	16	.....	.....	.....	2	.....	.....	27
8	2	1	.....	1	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	28
357	79	100	8	4	166	32	22	.....	17	8	8	1	1	.....	.....	29
16	10	2	1	1	2	.....	5	.....	.....	.....	.....	.....	4	.....	.....	30
391	101	104	8	8	170	32	33	.....	16	9	6	1	9	1	2	31
130	35	29	.....	6	60	31	29	.....	12	8	4	.....	9	1	2	32
135	16	25	8	1	85	1	4	.....	4	1	2	1	.....	.....	.....	33
126	50	50	.....	1	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
768,188	401,569	175,009	3,425	6,305	181,880	474	2,030	.....	1,640	380	560	(6)	185	(6)	(6)	35
285	23	96	8	8	148	9	9	.....	5	.....	.....	.....	1	.....	.....	36
798,317	386,654	186,868	2,947	6,716	215,129	249	53	.....	46	.....	.....	.....	5	.....	.....	37
6	4	1	1	.....	.....	.....	19	.....	.....	.....	.....	.....	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
509	165	(6)	(6)	.....	.....	.....	370	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
230	170	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
2,270	1,181	536	62	128	363	86	345	42	180	157	7	16	86	31	42	44
503	7	137	9	10	306	438	78	.....	46	.....	.....	.....	18	.....	.....	45
290	94	143	.....	3	43	.....	45	.....	14	.....	.....	.....	31	.....	.....	46
1,638,599	942,739	291,837	23,715	111,554	268,754	61,810	234,423	19,040	123,070	97,320	6,550	19,200	68,348	18,675	44,123	47
196,262	6,165	37,660	4,200	12,800	108,887	361,678	36,375	.....	26,035	.....	.....	.....	2,800	.....	.....	48
129,023	44,302	60,611	.....	2,835	6,025	.....	10,600	.....	8,500	.....	.....	.....	2,100	.....	.....	49
2,186	1,138	502	46	134	366	221	533	49	248	214	9	25	117	47	12	50
382	14	63	5	15	255	475	111	.....	67	.....	.....	.....	3	.....	.....	51
38,608	19,732	5,428	516	3,338	9,594	4,264	11,904	444	5,571	4,421	255	895	3,160	964	1,637	52
5,215	270	895	104	239	3,222	8,900	1,805	.....	1,120	.....	.....	.....	110	.....	.....	53
3,229	1,132	1,558	.....	90	449	70	844	.....	491	.....	.....	.....	303	.....	.....	54
972	443	392	35	10	92	10	67	15	14	10	.....	4	18	2	15	55
12,099	6,655	3,601	292	173	1,378	177	1,830	114	278	128	.....	150	586	(6)	566	56
1,196	689	110	10	115	272	203	449	34	224	195	9	20	95	43	26	57
26,354	13,018	1,827	221	3,084	8,204	3,969	9,925	330	5,250	4,265	255	730	2,481	886	1,070	58
18	6	.....	1	9	2	8	17	.....	10	9	.....	1	4	2	1	59
155	59	.....	(6)	81	(6)	118	149	.....	43	28	.....	(6)	93	(6)	(6)	60
2,197	1,151	500	47	132	367	237	558	50	267	232	9	26	119	47	42	61
398	15	63	5	15	268	496	116	.....	68	.....	.....	.....	3	.....	.....	62
248	80	127	.....	5	36	11	37	.....	13	.....	.....	.....	21	.....	.....	63
1,733,759	981,741	312,432	26,648	117,704	295,234	213,948	464,668	23,710	229,290	185,570	8,920	34,800	110,728	40,380	44,923	64
243,265	12,114	49,240	5,900	22,100	128,111	412,483	97,850	.....	62,370	.....	.....	.....	6,200	.....	.....	65
176,690	52,662	85,103	.....	8,567	30,348	4,741	39,903	.....	32,703	.....	.....	.....	5,350	.....	.....	66
1,044	660	217	15	20	132	191	355	37	166	151	4	11	56	33	.....	67
732,079	501,536	133,206	9,700	17,657	69,980	177,713	284,925	17,195	139,335	121,265	2,620	15,450	47,055	26,430	.....	68
701	760	614	647	883	530	930	803	465	839	803	655	1,405	840	801	.....	69
1,101	470	272	29	105	225	36	174	7	85	65	5	15	62	14	41	70
986,895	471,452	176,835	16,308	99,230	223,070	31,400	174,110	5,850	88,380	62,730	6,300	19,350	63,655	13,950	44,905	71
896	1,003	650	562	945	991	872	1,001	836	1,040	965	1,260	1,290	1,027	996	1,095	72
25	11	2	1	6	5	4	25	6	15	15	.....	.....	1	.....	1	73
540	323	(6)	(6)	17	124	270	2,343	665	575	575	.....	.....	(6)	.....	(6)	74
22	29	(6)	(6)	3	25	68	94	111	38	38	.....	.....	(6)	.....	(6)	75
27	10	9	2	1	5	6	4	.....	1	1	.....	.....	.....	.....	.....	76
14,245	8,430	2,335	(6)	(6)	2,060	4,565	3,290	.....	(6)	(6)	.....	.....	.....	.....	.....	77
37	33	33	37	57	46	28	39	27	37	34	62	54	50	34	77	78
24	21	21	25	31	25	30	30	.....	28	.....	.....	.....	20	.....	.....	79
21	22	21	.....	11	24	21	30	.....	33	.....	.....	.....	29	.....	.....	80
37	34	33	38	57	48	40	50	27	47	42	75	70	61	46	76	81
23	15	30	28	.....	23	21	25	24	23	21	14	35	31	21	110	82

[4] Includes siphons and farm pipe lines reported.
[5] Total capacity of all reservoirs regardless of size.
[6] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	MISSOURI RIVER (II)—Continued				MISSISSIPPI RIVER (III) (Exclusive of the Missouri River)			
		Kansas River (II-C)—Con.						Arkansas River (III-A)	
		Big Blue River (8)	Intrastate tributaries in Montana	Intrastate tributaries in North Dakota	Intrastate tributaries in South Dakota	Total	Direct (III)	Total	Direct (III-A)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises....1940..number	121	2,120	38	26	4,876	91	3,110	1,818
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres	53	554	21	71	277	156	300	352
3	Diversion dams....1940..total number	10	2,563	6	24	959	16	936	297
4	1930..total number	.....	1,759	.....	5	814	1	808	70
5	1920..total number	.....	2,325	.....	16	1,704	340	1,249	91
6	(a) Concrete and masonry....1940..number	3	124	.....	2	88	.....	88	26
7	(b) Timber....1940..number	1	407	1	.....	58	8	50	29
8	(c) Earth and rock....1940..number	4	1,555	5	22	472	8	458	139
9	(d) Other, mixed, and not reported..1940..number	2	477	.....	.....	341	.....	340	103
10	Main canals and laterals....1940..total length, miles	9.1	6,840.6	2.0	36.3	4,838.6	66.1	4,423.7	2,588.5
11	1930..total length, miles	.....	8,337	.....	4	5,518	16	5,275	2,530
12	1920..total length, miles	1	12,927	.....	60	8,266	356	7,691	3,185
13	(a) Earth....1940..length, miles	9	6,790	2	36	4,784	66	4,374	2,676
14	(b) Lined....1940..length, miles	0.1	50.6	.....	0.3	54.6	0.1	49.7	12.5
15	1940..capacity, c.f.s.[2]	172	35,247	54	106	49,858	455	48,217	27,817
16	1930..capacity, c.f.s.[2]	.....	29,423	.....	54	49,701	719	46,577	24,297
17	1920..capacity, c.f.s.[2]	5	58,362	.....	124	41,974	869	39,166	11,676
18	Pipe lines[3]....1940..total length, miles	6.8	60.2	1.1	3.5	174.5	11.7	142.1	98.8
19	1930..total length, miles	.....	21.6	.....	0.5	114.9	13.2	100.0	6.7
20	1920..total length, miles	0.4	10.9	.....	0.3	148.3	6.2	140.9	13.8
21	(a) Concrete....1940..length, miles	.....	6.7	0.1	.....	61.9	0.9	60.3	59.2
22	(b) Metal....1940..length, miles	6.1	20.9	0.9	3.5	78.8	10.8	58.7	26.2
23	(c) Wood-stave....1940..length, miles	0.7	5.8	.....	.....	14.5	.....	13.5	9.2
24	(d) Other....1940..length, miles	.....	26.8	0.1	.....	19.3	.....	9.6	4.2
25	Storage dams....1940..total number	6	211	10	16	360	20	312	139
26	1930..total number	.....	211	.....	1	180	6	164	14
27	1920..total number	.....	310	.....	71	259	.....	242	32
28	(a) Concrete and masonry....1940..number	1	9	.....	1	17	.....	16	5
29	(b) Earth and rock....1940..number	4	173	10	15	300	15	259	114
30	(c) Other, mixed, and not reported..1940..number	1	29	.....	.....	43	5	37	20
31	Reservoirs....1940..total number	8	239	10	16	425	24	357	177
32	(a) 1-99 acre-feet capacity....1940..number	8	126	9	9	291	16	243	127
33	(b) 100-999 acre-feet capacity....1940..number	.....	73	.....	6	68	2	61	18
34	(c) 1,000 and over acre-feet capacity....1940..number	.....	40	1	1	66	6	53	32
35	1940..total capacity, ac.-ft.[4]	205	916,709	2,822	3,645	1,608,164	18,968	890,544	692,631
36	1930..total number	.....	194	.....	1	209	9	187	21
37	1930..total capacity, ac.-ft.	.....	676,835	.....	3	1,523,856	104	922,611	561,067
38	Wells, flowing....1940..number	19	3	.....	1	47	.....	46	18
39	1930..number	.....	1	.....	5	7	.....	6	.....
40	1920..number	.....	10	.....	.....	27	.....	24	2
41	1940..yield, g.p.m.	370	104	.....	(5)	4,263	.....	3,729	2,175
42	1930..yield, g.p.m.	.....	8	.....	1,940	993	.....	945	.....
43	1920..yield, g.p.m.	.....	1,057	.....	.....	6,240	.....	3,640	315
44	Wells, pumped....1940..number	37	29	10	3	4,428	.....	2,529	2,168
45	1930..number	.....	28	.....	1	2,216	6	1,343	458
46	1920..number	.....	17	.....	.....	2,085	.....	1,354	572
47	1940..yield, g.p.m.	23,965	12,502	78	185	3,493,820	.....	1,497,906	1,281,270
48	1930..yield, g.p.m.	.....	12,195	.....	375	2,104,316	1,362	999,536	626,094
49	1920..yield, g.p.m.	.....	10,955	.....	.....	1,876,840	.....	934,452	641,744
50	Pumping plants....1940..total number	119	242	38	27	4,156	51	2,101	1,638
51	1930..total number	.....	99	.....	2	1,742	64	811	448
52	Prime movers....1940..capacity, hp.	2,729	4,174	239	401	145,750	1,570	55,196	45,074
53	1930..capacity, hp.	.....	4,973	.....	21	78,378	1,038	29,527	22,414
54	1920..capacity, hp.	30	2,391	.....	110	73,738	2,846	34,404	27,146
55	(a) Electric....1940..number	20	56	5	3	1,389	11	772	708
56	1940..capacity, hp.	852	935	22	8	41,202	341	18,035	17,164
57	(b) Internal-combustion....1940..number	96	177	24	24	2,516	39	1,174	836
58	1940..capacity, hp.	1,864	2,919	184	393	103,070	1,227	36,554	27,514
59	(c) Other....1940..number	3	9	9	.....	251	1	155	94
60	1940..capacity, hp.	13	320	33	.....	1,478	(6)	607	396
61	Pumps....1940..total number	122	254	38	27	4,190	54	2,125	1,651
62	1930..number	.....	121	.....	2	1,804	64	852	454
63	1920..number	2	147	.....	6	1,715	74	872	526
64	1940..capacity, g.p.m.	100,940	358,937	10,713	21,030	4,275,330	169,608	2,004,166	1,585,211
65	1930..capacity, g.p.m.	.....	193,885	.....	1,437	2,418,238	82,630	1,144,006	697,559
66	1920..capacity, g.p.m.	1,000	158,251	.....	4,270	2,237,441	102,500	1,119,743	798,295
67	(a) Centrifugal....1940..number	96	231	26	24	2,677	54	1,615	1,347
68	1940..capacity, g.p.m.	81,340	340,722	10,135	20,845	2,984,989	169,608	1,652,662	1,363,573
69	1940..average capacity, g.p.m.	847	1,476	390	869	1,115	3,141	1,023	1,012
70	(b) Turbine....1940..number	20	5	.....	.....	1,214	.....	325	194
71	1940..capacity, g.p.m.	16,225	9,580	.....	.....	1,237,531	.....	328,706	204,449
72	1940..average capacity, g.p.m.	811	1,916	.....	.....	1,019	.....	1,011	1,054
73	(c) Plunger....1940..number	3	10	11	3	249	.....	159	90
74	1940..capacity, g.p.m.	1,085	394	478	185	9,382	.....	3,815	2,506
75	1940..average capacity, g.p.m.	362	39	43	62	38	.....	24	28
76	(d) Other....1940..number	3	8	1	.....	50	.....	26	20
77	1940..capacity, g.p.m.	2,290	8,241	(5)	.....	43,428	.....	18,983	14,683
78	Pumping lift, from all sources....1940..average, feet	37	16	17	27	57	13	43	41
79	1930..average, feet	.....	20	.....	27	54	15	49	68
80	1920..average, feet	18	16	.....	24	45	12	42	47
81	from pumped wells....1940..average, feet	75	18	26	74	62	.....	45	43
82	from surface sources...1940..average, feet	24	16	15	19	25	13	27	28

[1] Data for the intrastate tributaries of the Canadian River are not shown separately but are included in the Canadian River total.
[2] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[3] Includes siphons and farm pipe lines reported.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

MISSISSIPPI RIVER (III)—Continued (Exclusive of the Missouri River)													
Arkansas River (III-A)—Continued									Red River (III-B)				
Two Butte and Bear Creeks (12)	Salt Fork Arkansas River (14)	Cimarron River (15)	Verdigris River (16)	Canadian River			Intrastate tributaries in Colorado	Intrastate tributaries in Kansas	Total	Direct (III-B)	Washita River (1)	Black River Ouachita River and Bartholomew Bayou (5)+(10)	Intrastate tributaries in Arkansas	
				Total[1]	Direct (18)	North Canadian River (27)								
18	9	86	6	218	71	49	763	192	799	780	16	3	876	1
251	105	139	4	357	77	36	235	96	267	273	32	106	217	2
4	3	49	.....	106	32	1	429	48	4	4	.....	.....	3	3
.....	.....	8	.....	86	3	.....	621	19	4	.....	.....	.....	.....	4
.....	.....	52	.....	264	1	.....	831	2	14	.....	.....	1	.....	5
.....	1	12	.....	13	2	.....	30	6	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	5	.....	.....	14	2	.....	.....	.....	.....	.....	7
4	2	16	.....	72	26	1	192	33	4	4	.....	.....	2	8
.....	.....	21	.....	16	4	.....	193	7	.....	.....	.....	.....	1	9
29.0	5.2	119.1	.....	412.6	65.3	6.0	1,255.3	14.0	308.0	303.0	5.0	.....	40.8	10
.....	.....	58	.....	561	13	.....	2,035	85	202	.....	.....	.....	.....	11
.....	.....	220	.....	982	15	.....	3,101	191	128	.....	.....	.....	.....	12
29	5	108	.....	389	65	6	1,253	14	307	302	5	.....	37	13
.....	0.2	11.1	.....	23.6	0.3	.....	2.3	.....	1.0	1.0	.....	.....	3.8	14
133	87	439	3	3,167	181	37	16,171	400	1,156	1,134	21	1	30	15
.....	.....	157	.....	5,518	40	.....	16,461	138	1,009	.....	.....	.....	.....	16
.....	.....	642	.....	8,123	59	.....	17,861	835	163	.....	.....	.....	.....	17
0.5	0.3	0.2	0.5	16.1	2.8	11.9	19.5	6.2	9.9	7.2	2.7	.....	10.8	18
.....	.....	0.2	.....	3.2	0.2	.....	77.0	12.9	0.9	.....	.....	.....	.....	19
.....	.....	0.2	0.3	19.0	4.2	.....	104.8	2.8	0.4	.....	.....	0.4	.....	20
.....	.....	0.1	.....	.....	.....	.....	0.7	0.3	0.7	0.4	0.3	.....	.....	21
.....	0.3	0.1	0.5	14.9	2.8	10.8	11.0	5.7	8.1	5.8	2.3	.....	1.2	22
0.5	.....	.....	.....	0.2	.....	0.1	3.6	.....	1.0	1.0	.....	.....	.....	23
.....	.....	.....	.....	1.0	.....	1.0	4.2	0.2	0.1	.....	0.1	.....	9.6	24
6	2	14	1	43	13	11	84	23	16	11	5	.....	12	25
.....	.....	5	.....	24	2	.....	111	7	4	.....	.....	.....	.....	26
.....	.....	9	.....	63	2	.....	125	11	3	.....	.....	.....	.....	27
.....	.....	2	.....	1	.....	.....	2	6	1	.....	1	.....	.....	28
6	2	11	1	31	13	3	78	16	15	11	4	.....	11	29
.....	.....	1	.....	11	.....	8	4	1	.....	.....	.....	.....	1	30
6	2	13	1	45	13	13	85	28	33	30	3	.....	11	31
5	2	11	1	25	12	10	53	19	30	27	3	.....	2	32
.....	.....	2	.....	13	.....	3	20	8	1	1	.....	.....	4	33
1	.....	.....	.....	7	1	.....	12	1	2	2	.....	.....	5	34
30,061	(5)	891	(5)	105,751	2,092	1,146	54,093	7,101	681,831	681,826	5	.....	16,821	35
.....	.....	8	1	25	2	.....	116	16	4	.....	.....	.....	.....	36
.....	.....	3,536	9	147,045	2	.....	174,662	36,292	600,013	.....	.....	.....	.....	37
3	.....	20	.....	.....	.....	.....	1	4	1	1	.....	.....	.....	38
.....	.....	.....	.....	.....	.....	.....	5	1	.....	.....	.....	.....	.....	39
.....	.....	6	.....	.....	.....	.....	16	.....	3	.....	.....	.....	.....	40
93	.....	423	.....	.....	.....	.....	(5)	1,030	(5)	(5)	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	870	75	.....	.....	.....	.....	.....	42
.....	.....	500	.....	.....	.....	.....	2,825	.....	2,600	.....	.....	.....	.....	43
10	3	18	.....	101	34	51	70	159	852	848	3	1	1,047	44
.....	.....	5	9	12	12	.....	127	732	63	.....	.....	.....	.....	45
.....	.....	12	2	20	15	.....	76	672	49	.....	.....	.....	.....	46
4,134	2,710	20,158	.....	32,992	8,123	11,569	30,469	126,173	715,848	715,047	601	(5)	1,280,066	47
.....	.....	1,330	1,450	1,705	1,705	.....	55,872	313,085	58,830	.....	.....	.....	.....	48
.....	.....	5,321	52	6,417	3,106	.....	19,521	261,397	48,950	.....	.....	.....	.....	49
10	7	30	3	109	37	55	79	225	907	890	14	3	1,097	50
.....	.....	5	6	15	15	.....	96	241	72	.....	.....	.....	.....	51
256	99	813	10	1,364	391	402	1,221	6,359	39,565	39,369	162	34	49,419	52
.....	.....	46	69	170	170	.....	1,221	5,607	2,397	.....	.....	.....	.....	53
.....	.....	221	9	259	193	.....	372	6,397	3,444	.....	.....	.....	.....	54
.....	2	.....	2	25	12	13	14	21	181	175	6	.....	425	55
.....	(5)	.....	(5)	288	146	142	110	430	6,950	6,885	65	.....	15,876	56
6	4	27	1	48	14	19	48	204	647	637	7	3	656	57
243	60	796	(5)	1,034	225	240	973	5,929	32,491	32,361	96	34	32,798	58
4	1	3	.....	36	11	23	17	.....	79	78	1	.....	16	59
13	(5)	17	.....	42	20	20	138	.....	124	123	(6)	.....	745	60
10	7	30	3	110	39	53	77	237	911	894	14	3	1,100	61
.....	.....	8	9	14	14	.....	98	269	75	.....	.....	.....	.....	62
.....	.....	11	2	26	19	.....	46	261	67	.....	.....	.....	.....	63
6,634	9,160	41,658	150	37,853	9,322	15,126	40,880	282,620	763,940	751,563	10,777	1,600	1,337,616	64
.....	.....	1,480	1,450	2,355	2,355	.....	75,507	365,655	64,324	.....	.....	.....	.....	65
.....	.....	4,817	42	6,663	5,141	.....	21,451	288,475	55,760	.....	.....	.....	.....	66
2	4	14	2	32	11	18	38	176	86	73	10	3	922	67
(5)	6,450	26,600	(5)	14,375	2,445	10,230	26,734	211,330	66,895	55,170	10,125	1,600	1,095,824	68
(5)	1,612	1,900	(5)	449	222	568	704	1,201	778	756	1,012	533	1,189	69
4	2	14	.....	33	11	10	21	57	732	731	6 1	.....	157	70
3,100	(5)	15,050	.....	22,425	6,475	4,400	13,312	67,670	691,435	691,135	300	.....	217,390	71
775	(5)	1,075	.....	680	589	440	634	1,187	945	945	300	.....	1,385	72
4	1	2	1	45	17	25	15	1	89	86	3	.....	1	73
34	(5)	(5)	(5)	1,053	402	496	134	(5)	5,565	5,213	352	.....	(5)	74
8	(5)	(5)	(5)	23	24	20	9	(5)	63	61	117	.....	(5)	75
.....	.....	.....	.....	.....	.....	.....	3	3	4	4	.....	.....	20	76
.....	.....	.....	.....	.....	.....	.....	700	3,600	45	45	.....	.....	24,400	77
88	27	40	11	79	63	90	32	38	91	92	40	25	59	78
.....	.....	35	32	71	71	.....	21	24	44	.....	.....	.....	.....	79
.....	.....	26	19	79	88	.....	27	30	76	.....	.....	.....	.....	80
93	43	55	.....	88	98	100	36	47	95	95	93	(5)	60	81
68	15	20	11	27	20	34	20	27	26	26	24	30	23	82

[4] Total capacity of all reservoirs regardless of size.
[5] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.
[6] Data for less than 3 enterprises shown with permission of the enterprise involved.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	GULF OF MEXICO (IV) (Exclusive of the Rio Grande and Mississippi River)								
			Colorado River		Brazos River		Sabine River		Intra-state tributaries in Texas	Intra-state tributaries in Louisiana
		Total (IV)	Total[1]	Direct (5)	Total[2]	Direct (7)	Total[3]	Direct (11)		
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1									
1	Enterprises....1940..number	5,396	514	433	1,358	1,352	46	14	1,011	2,467
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres	282	344	407	211	212	2,422	2,967	222	292
3	Diversion dams....1940..total number	196	41	39	15	15	2	.....	49	89
4	1930..total number	99	15	.....	2	.....	4	.....	43	35
5	1920..total number	148	46	.....	.....	.....	.....	.....	62	40
6	(a) Concrete and masonry....1940..number	42	27	27	2	2	.....	.....	10	3
7	(b) Timber....1940..number	11	4	4	.....	.....	.....	.....	.....	7
8	(c) Earth and rock....1940..number	85	7	5	13	13	2	.....	26	37
9	(d) Other, mixed, and not reported..1940..number	58	3	3	.....	.....	.....	.....	13	42
10	Main canals and laterals....1940..total length, miles	4,569.8	664.5	662.3	152.0	152.0	543.0	194.4	934.8	2,275.5
11	1930..total length, miles	3,792	731	.....	42	.....	318	.....	574	2,127
12	1920..total length, miles	4,886	963	.....	266	.....	257	.....	609	2,791
13	(a) Earth....1940..length, miles	4,512	644	643	151	151	542	194	923	2,252
14	(b) Lined....1940..length, miles	57.8	20.5	19.3	1.0	1.0	1.0	0.4	11.8	23.5
15	1940..capacity, c.f.s.[5]	18,860	3,100	3,054	1,100	1,097	2,751	613	2,393	9,516
16	1930..capacity, c.f.s.[5]	18,608	1,791	.....	393	.....	2,700	.....	4,579	9,145
17	1920..capacity, c.f.s.[5]	20,931	3,925	.....	287	.....	1,972	.....	4,545	10,202
18	Pipe lines[6]....1940..total length, miles	221.0	38.4	28.7	14.1	13.1	0.3	0.1	116.5	51.7
19	1930..total length, miles	46.5	7.9	.....	6.1	.....	0.4	.....	30.4	1.7
20	1920..total length, miles	158.9	8.5	.....	2.2	.....	.....	.....	105.1	43.1
21	(a) Concrete....1940..length, miles	30.5	2.9	2.9	0.9	0.7	.....	.....	12.3	14.4
22	(b) Metal....1940..length, miles	173.9	29.4	19.8	12.7	11.9	0.1	0.1	101.9	29.8
23	(c) Wood-stave....1940..length, miles	7.5	0.1	.....	.....	.....	.....	.....	1.5	5.9
24	(d) Other....1940..length, miles	9.1	6.0	6.0	0.5	0.5	0.2	.....	0.8	1.6
25	Storage dams....1940..total number	204	53	50	25	24	1	1	32	93
26	1930..total number	195	53	.....	20	.....	1	.....	50	71
27	1920..total number	162	53	.....	2	.....	2	.....	44	61
28	(a) Concrete and masonry....1940..number	43	27	27	6	6	.....	.....	9	1
29	(b) Earth and rock....1940..number	140	25	22	18	17	1	1	21	75
30	(c) Other, mixed, and not reported..1940..number	21	1	1	1	1	.....	.....	2	17
31	Reservoirs....1940..total number	436	68	61	44	43	1	1	273	50
32	(a) 1-99 acre-feet capacity....1940..number	388	58	52	41	40	1	1	254	34
33	(b) 100-999 acre-feet capacity....1940..number	31	8	8	2	2	.....	.....	8	13
34	(c) 1,000 and over acre-feet capacity....1940..number	17	2	1	1	1	.....	.....	11	3
35	1940..total capacity, ac.-ft.[7]	334,176	8,301	4,298	3,041	3,037	(8)	(8)	307,721	15,111
36	1930..total number	321	33	.....	20	.....	1	.....	194	73
37	1930..total capacity, ac.-ft.	296,264	8,828	.....	3,534	.....	20	.....	270,149	13,733
38	Wells, flowing....1940..number	576	9	2	1	1	.....	.....	64	502
39	1930..number	856	13	.....	1	.....	.....	.....	36	806
40	1920..number	127	3	.....	3	.....	.....	.....	112	9
41	1940..yield, g.p.m.	43,504	742	(8)	(8)	(8)	.....	.....	30,063	12,695
42	1930..yield, g.p.m.	52,933	1,255	.....	72	.....	.....	.....	19,693	31,913
43	1920..yield, g.p.m.	57,009	5,400	.....	3,500	.....	.....	.....	41,854	6,255
44	Wells, pumped....1940..number	4,158	317	275	1,467	1,464	4	2	868	1,502
45	1930..number	2,363	117	.....	171	.....	7	.....	694	1,374
46	1920..number	1,615	57	.....	150	.....	2	.....	596	810
47	1940..yield, g.p.m.	3,210,783	77,160	75,938	1,213,809	1,213,669	3,530	(8)	395,171	1,521,113
48	1930..yield, g.p.m.	2,493,111	26,143	.....	121,854	.....	16,800	.....	390,315	1,937,999
49	1920..yield, g.p.m.	2,072,580	30,667	.....	136,332	.....	27,500	.....	297,944	1,580,137
50	Pumping plants....1940..total number	5,572	554	482	1,529	1,523	71	18	1,162	2,256
51	1930..total number	3,197	374	.....	212	.....	20	.....	884	1,707
52	Prime movers....1940..capacity, hp	208,930	20,052	19,742	63,983	63,946	11,625	2,959	30,787	82,483
53	1930..capacity, hp	140,298	17,507	.....	8,829	.....	4,739	.....	25,886	83,337
54	1920..capacity, hp	136,953	13,500	.....	6,276	.....	8,755	.....	26,975	81,447
55	(a) Electric....1940..number	787	90	90	130	126	3	3	277	287
56	1940..capacity, hp	43,062	12,858	12,858	8,065	8,048	1,200	1,200	10,389	10,550
57	(b) Internal-combustion....1940..number	4,425	352	321	1,294	1,292	47	15	811	1,921
58	1940..capacity, hp	142,717	5,894	5,627	55,526	55,506	3,872	1,759	16,127	61,298
59	(c) Other....1940..number	360	112	71	105	105	21	.....	74	48
60	1940..capacity, hp	23,151	1,300	1,257	392	392	6,553	.....	4,271	10,635
61	Pumps....1940..total number	5,697	592	529	1,533	1,527	72	18	1,170	2,330
62	1930..number	3,525	414	.....	219	.....	30	.....	945	1,917
63	1920..number	3,208	359	.....	175	.....	45	.....	773	1,856
64	1940..capacity, g.p.m.	11,646,141	1,455,328	1,439,297	1,733,799	1,732,639	1,213,798	211,619	1,131,256	6,111,959
65	1930..capacity, g.p.m.	8,929,951	1,308,649	.....	268,075	.....	596,687	.....	1,111,111	5,645,429
66	1920..capacity, g.p.m.	9,202,748	912,048	.....	153,585	.....	2,171,000	.....	1,176,729	4,789,386
67	(a) Centrifugal....1940..number	2,767	285	265	305	301	52	12	503	1,622
68	1940..capacity, g.p.m.	7,884,996	1,227,560	1,211,750	676,673	675,623	763,269	201,119	833,103	4,384,391
69	1940..average capacity, g.p.m.	2,850	4,307	4,573	2,219	2,245	14,678	16,760	1,656	2,703
70	(b) Turbine....1940..number	2,107	59	59	1,083	1,082	18	6	408	539
71	1940..capacity, g.p.m.	3,063,294	207,995	207,995	1,040,190	1,040,100	450,500	10,500	275,253	1,089,356
72	1940..average capacity, g.p.m.	1,454	3,525	3,525	960	961	25,028	1,750	675	2,021
73	(c) Plunger....1940..number	643	241	199	125	124	2	.....	211	64
74	1940..capacity, g.p.m.	37,142	18,159	17,954	3,434	3,414	(8)	.....	14,439	1,080
75	1940..average capacity, g.p.m.	58	75	90	27	28	(8)	.....	68	17
76	(d) Other....1940..number	180	7	6	20	20	.....	.....	48	105
77	1940..capacity, g.p.m.	660,709	1,614	1,598	13,502	13,502	.....	.....	8,461	637,132
78	Pumping lift, from all sources....1940..average, feet	50	44	43	76	76	13	13	54	32
79	1930..average, feet	46	38	.....	54	.....	40	.....	66	38
80	1920..average, feet	37	30	.....	63	.....	21	.....	45	32
81	from pumped wells....1940..average, feet	62	61	61	78	78	21	(8)	60	45
82	from surface sources...1940..average, feet	20	26	26	23	24	12	11	35	13

[1] Data for the intrastate tributaries of the Colorado River are not shown separately but are included in the Colorado River total.
[2] Data for the intrastate tributaries of the Brazos River are not shown separately but are included in the Brazos River total.
[3] Data for the intrastate tributaries of the Sabine River are not shown separately but are included in the Sabine River total.
[4] Includes San Antonio River Drainage Basin in New Mexico.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

RIO GRANDE (V)															
		Upper Rio Grande (V-A)											Lower Rio Grande (V-B)		
				Conejos River					Independent basins in the Upper Rio Grande						
Total (V)	Direct (V-A) + (V-B)	Total	Direct (V-A)	Total[4]	Direct (3)	Costilla Creek (4)	Intrastate tributaries in Colorado	Intrastate tributaries in New Mexico	Total	Sacramento River and Salt Lakes (25)	Intrastate basins in Colorado	Intrastate basins in New Mexico	Total	Direct (V-B)	
3,393	1,308	1,774	788	94	84	48	89	328	427	4	175	248	1,619	520	1
642	1,066	665	902	1,198	1,331	1,058	940	347	255	10	475	103	616	1,313	2
1,450	345	1,047	275	86	83	53	77	295	261	2	195	64	403	70	3
922	71	723	55	70	.....	4	223	238	133	.....	86	47	199	16	4
1,639	106	1,227	95	103	.....	48	224	481	276	.....	192	84	412	11	5
198	63	125	54	12	12	10	27	12	10	.....	.....	10	73	9	6
158	16	95	16	4	4	14	3	19	39	.....	33	6	63	.....	7
670	212	486	159	56	54	21	29	123	98	2	71	25	184	53	8
424	54	341	46	14	13	8	18	141	114	.....	91	23	83	8	9
8,702.9	5,346.9	4,783.1	2,425.2	295.0	287.0	280.1	316.2	1,120.5	346.1	2.0	188.5	155.6	3,919.8	2,921.7	10
9,381	4,641	5,523	2,145	414	.....	39	974	1,410	541	.....	427	114	3,858	2,496	11
9,732	3,483	5,908	1,843	389	.....	43	1,085	1,604	948	.....	668	280	3,824	1,040	12
7,685	4,428	4,737	2,407	295	287	280	311	1,104	340	2	185	153	2,948	2,021	13
1,017.9	918.9	46.1	18.2	.....	.....	0.1	5.2	16.5	6.1	.....	3.5	2.6	971.8	900.7	14
43,851	23,017	26,035	12,365	4,986	4,960	1,694	3,242	2,016	1,732	6	1,416	310	17,816	10,652	15
38,609	20,393	23,923	10,175	4,312	.....	270	3,747	3,160	2,239	.....	2,005	234	14,686	10,218	16
40,424	17,925	25,000	8,606	3,188	.....	139	3,545	3,487	6,035	.....	2,422	3,613	15,424	9,319	17
774.3	720.3	24.1	15.7	0.1	.....	.....	.....	2.3	6.0	.....	0.2	5.8	750.2	704.6	18
287.9	265.4	12.0	0.5	.....	.....	.....	2.0	8.8	0.7	.....	0.4	0.3	275.9	264.9	19
90.3	42.8	31.0	2.3	0.1	.....	.....	5.6	14.0	9.0	.....	0.2	8.8	59.3	40.5	20
648.4	644.0	5.8	5.7	.....	.....	.....	.....	.....	0.1	.....	.....	0.1	642.6	638.3	21
68.5	52.9	14.2	9.2	0.1	.....	.....	.....	1.5	3.4	.....	0.2	3.2	54.3	43.7	22
21.4	20.1	1.1	0.5	.....	.....	.....	.....	0.6	.....	.....	.....	.....	20.3	19.6	23
36.0	3.3	3.0	0.3	.....	.....	.....	.....	0.2	2.5	.....	.....	25	33.0	3.0	24
162	97	88	44	2	2	4	5	17	16	1	2	13	74	53	25
99	36	52	2	1	.....	1	15	11	14	.....	9	5	47	34	26
125	32	76	13	2	.....	.....	11	40	10	.....	2	8	49	19	27
14	4	9	2	.....	.....	.....	2	4	1	.....	1	.....	5	2	28
137	89	72	40	.....	.....	4	2	12	14	.....	1	13	65	49	29
11	4	7	2	2	2	.....	1	1	1	1	.....	.....	4	2	30
567	143	243	58	3	2	6	4	20	152	1	4	147	324	85	31
478	89	206	44	1	.....	.....	.....	11	150	1	3	146	272	45	32
35	26	15	7	.....	.....	.....	.....	6	2	.....	1	1	20	19	33
54	28	22	7	2	2	6	4	3	.....	.....	.....	.....	32	21	34
3,864,857	2,877,121	3,238,046	2,783,958	16,269	(8)	129,864	45,500	261,418	1,037	(8)	300	736	626,811	93,163	35
306	68	110	4	1	.....	1	14	10	73	.....	9	64	196	64	36
3,120,623	2,711,259	3,013,096	2,689,979	6,500	.....	15,739	223,944	63,731	1,466	.....	437	1,029	107,527	21,280	37
1,136	529	860	526	4	4	.....	10	.....	320	.....	320	.....	276	3	38
965	300	615	300	.....	.....	.....	242	.....	73	.....	72	1	350	.....	39
1,016	329	452	329	1	.....	.....	14	2	106	.....	105	1	564	.....	40
240,308	39,875	51,898	39,720	560	560	.....	450	.....	11,168	.....	11,168	.....	188,410	155	41
276,671	15,000	39,414	15,000	.....	.....	.....	21,042	.....	3,372	.....	2,372	1,000	237,257	.....	42
401,156	13,595	16,771	13,595	20	.....	.....	207	27	2,922	.....	2,847	75	384,385	.....	43
1,712	608	717	471	3	2	.....	10	4	229	.....	4	225	995	137	44
731	3	362	.....	.....	.....	.....	1	.....	350	.....	.....	350	369	3	45
503	31	209	26	.....	.....	.....	.....	95	88	.....	1	87	294	5	46
1,291,071	448,607	474,357	368,046	1,703	(8)	.....	3,000	2,450	99,158	.....	1,300	97,858	816,714	80,561	47
498,631	2,320	230,077	.....	.....	.....	.....	450	.....	229,178	.....	.....	229,178	268,554	2,320	48
286,143	13,381	108,842	11,356	.....	.....	.....	.....	50,542	46,944	.....	.....	46,944	177,301	2,025	49
2,323	1,171	691	449	3	2	.....	5	5	229	.....	4	225	1,632	722	50
984	219	367	3	.....	.....	.....	2	.....	348	.....	.....	348	617	216	51
76,569	47,182	11,270	7,405	38	(8)	.....	78	63	3,686	.....	26	3,660	65,299	39,777	52
52,910	37,194	7,119	52	.....	.....	.....	35	.....	7,008	.....	.....	7,008	45,791	37,142	53
30,941	22,115	3,926	336	.....	.....	.....	.....	1,516	2,074	.....	.....	2,074	27,015	21,779	54
682	225	192	61	.....	.....	.....	1	2	128	.....	.....	128	490	164	55
17,008	9,551	2,900	1,057	.....	.....	.....	(8)	(8)	1,814	.....	.....	1,814	14,108	8,494	56
1,489	860	459	364	2	2	.....	4	3	86	.....	4	82	1,030	496	57
48,407	26,704	8,286	6,286	(8)	(8)	.....	74	38	1,851	.....	26	1,825	40,121	20,418	58
152	86	40	24	1	.....	.....	.....	.....	15	.....	.....	15	112	62	59
11,154	10,927	84	62	(8)	.....	.....	.....	.....	21	.....	.....	21	11,070	10,865	60
2,353	1,201	688	447	3	2	.....	5	5	228	.....	4	224	1,665	754	61
1,099	285	372	3	.....	.....	.....	2	.....	356	.....	.....	356	727	282	62
709	202	221	30	.....	.....	.....	.....	98	93	.....	1	92	488	172	63
5,486,952	4,509,639	531,799	420,892	1,710	(8)	.....	3,930	3,000	102,267	.....	1,500	100,767	4,955,153	4,088,747	64
3,881,586	3,079,305	233,729	2,180	.....	.....	.....	800	.....	230,300	.....	.....	230,300	3,647,857	3,077,125	65
2,716,936	2,398,079	109,024	14,828	.....	.....	.....	.....	47,417	46,779	.....	.....	46,779	2,607,912	2,383,251	66
1,238	822	344	288	2	2	.....	4	3	47	.....	4	43	894	534	67
4,163,897	3,778,617	293,012	261,767	(8)	(8)	.....	2,930	2,200	24,415	.....	1,500	22,915	3,870,885	3,516,850	68
3,363	4,597	852	909	(8)	(8)	.....	732	733	519	.....	375	533	4,330	6,586	69
883	219	294	127	.....	.....	.....	1	2	164	.....	.....	164	589	92	70
876,215	288,112	237,980	158,612	.....	.....	.....	(8)	(8)	77,568	.....	.....	77,568	638,235	129,500	71
992	1,316	809	1,249	.....	.....	.....	(8)	(8)	473	.....	.....	473	1,084	1,408	72
150	84	49	31	1	.....	.....	.....	.....	17	.....	.....	17	101	53	73
2,253	1,550	797	503	(8)	.....	.....	.....	.....	284	.....	.....	284	1,456	1,047	74
15	18	16	16	(8)	.....	.....	.....	.....	17	.....	.....	17	14	20	75
82	76	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	81	75	76
444,587	441,360	(8)	(8)	.....	.....	.....	.....	.....	.....	.....	.....	.....	444,577	441,350	77
42	32	35	22	21	(8)	.....	25	48	64	.....	18	65	45	41	78
41	49	51	20	.....	.....	.....	14	86	50	.....	.....	50	37	50	79
42	46	52	33	.....	.....	.....	.....	53	57	.....	.....	68	36	50	80
48	39	36	22	(8)	(8)	.....	30	62	64	.....	19	64	55	89	81
22	21	18	11	.....	.....	.....	6	20	66	.....	15	83	23	22	82

[5] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[6] Includes siphons and farm pipe lines reported.
[7] Total capacity of all reservoirs regardless of size.
[8] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)			RIO GRANDE (V)—Continued			COLORADO RIVER (VI)				
				Lower Rio Grande (V-B)—Continued					Upper Colorado River (VI-A)		
				Pecos River							Dolores River
				Total	Direct (1)	Intrastate tributaries in New Mexico	Total (VI)	Direct (VI-A) + (VI-B)	Total	Direct (VI-A)	Total[1]	Direct (20)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1											
1	Enterprises	1940	number	1,099	633	466	7,350	530	4,655	478	188	128
2	Average size of enterprise based on area works were capable of supplying with water	1940	acres	286	414	112	458	643	368	380	367	153
3	Diversion dams	1940	total number	333	133	200	4,391	241	3,623	238	237	196
4		1930	total number	178	39	139	3,155	18	.....	17	107	.....
5		1920	total number	394	195	199	2,468	50	.....	45	87	.....
6	(a) Concrete and masonry	1940	number	64	36	28	318	12	215	12	7	4
7	(b) Timber	1940	number	63	4	59	489	19	479	19	10	7
8	(c) Earth and rock	1940	number	131	68	63	2,614	182	2,135	192	84	67
9	(d) Other, mixed, and not reported	1940	number	75	25	50	970	18	794	15	136	118
10	Main canals and laterals	1940	total length, miles	998.1	749.7	248.4	20,894.1	1,792.6	13,964.3	1,206.6	476.2	240.4
11		1930	total length, miles	1,175	733	442	20,185	3,049	.....	457	753	.....
12		1920	total length, miles	2,082	1,094	988	22,586	3,511	.....	750	1,039	.....
13	(a) Earth	1940	length, miles	927	680	247	20,581	1,757	13,886	1,191	475	240
14	(b) Lined	1940	length, miles	71.1	69.7	1.4	313.1	35.6	68.3	15.6	1.2	0.4
15		1940	capacity, c.f.s.[4]	7,164	6,227	937	81,033	9,975	57,900	6,682	2,759	1,675
16		1930	capacity, c.f.s.[4]	3,920	2,974	946	68,322	15,207	.....	2,576	1,990	.....
17		1920	capacity, c.f.s.[4]	5,619	4,143	1,476	66,306	10,117	.....	2,827	2,622	.....
18	Pipe lines[5]	1940	total length, miles	45.6	40.8	4.8	919.0	40.4	71.5	25.1	2.4	0.4
19		1930	total length, miles	2.4	0.5	1.9	216.6	16.6	.....	4.0	1.3	.....
20		1920	total length, miles	18.8	6.1	12.7	246.0	12.9	.....	12.5	1.2	.....
21	(a) Concrete	1940	length, miles	4.3	1.5	2.8	684.8	11.4	5.8	1.1	0.1	.....
22	(b) Metal	1940	length, miles	10.6	8.6	2.0	181.2	13.2	38.6	12.3	1.5	0.4
23	(c) Wood-stave	1940	length, miles	0.7	0.7	.....	16.3	4.2	13.0	4.1	0.8	.....
24	(d) Other	1940	length, miles	30.0	30.0	.....	36.7	11.6	14.1	7.6	.....	.....
25	Storage dams	1940	total number	21	18	3	840	35	568	35	18	10
26		1930	total number	10	6	4	494	.....	.....	.....	15	.....
27		1920	total number	25	11	14	565	11	.....	10	19	.....
28	(a) Concrete and masonry	1940	number	3	3	.....	25	.....	7	.....	.....	.....
29	(b) Earth and rock	1940	number	16	14	2	772	34	527	34	18	10
30	(c) Other, mixed, and not reported	1940	number	2	1	1	43	1	34	1	.....	.....
31	Reservoirs	1940	total number	239	225	14	[6] 1,030	40	595	40	20	12
32	(a) 1-99 acre-feet capacity	1940	number	227	215	12	618	24	250	24	5	3
33	(b) 100-999 acre-feet capacity	1940	number	1	1	.....	278	15	244	15	5	4
34	(c) 1,000 and over acre-feet capacity	1940	number	11	9	2	131	1	98	1	10	5
35		1940	total capacity, ac.-ft.[8]	533,648	509,627	24,021	5,717,080	7,706	841,798	7,706	41,975	32,561
36		1930	total number	127	8	119	734	2	.....	.....	13	.....
37		1930	total capacity, ac.-ft.	85,643	81,088	4,555	3,748,284	4	.....	.....	26,146	.....
38	Wells, flowing	1940	number	273	200	73	463	1	18	.....	.....	.....
39		1930	number	350	13	337	224	6	.....	.....	.....	.....
40		1920	number	563	300	263	612	.....	.....	.....	.....	.....
41		1940	yield, g.p.m.	188,255	130,270	57,985	48,584	[9]	1,094	.....	.....	.....
42		1930	yield, g.p.m.	237,257	16,800	220,457	16,803	661	.....	.....	.....	.....
43		1920	yield, g.p.m.	384,325	207,465	176,860	70,917	.....	.....	.....	.....	.....
44	Wells, pumped	1940	number	858	523	335	2,395	31	13	.....	.....	.....
45		1930	number	342	25	317	1,196	2	.....	.....	1	.....
46		1920	number	287	138	149	1,128	4	.....	.....	.....	.....
47		1940	yield, g.p.m.	736,153	453,921	282,232	2,758,983	8,104	1,830	.....	.....	.....
48		1930	yield, g.p.m.	262,546	15,175	247,371	1,772,812	1,700	.....	.....	265	.....
49		1920	yield, g.p.m.	174,938	92,107	82,831	1,095,724	1,650	.....	.....	.....	.....
50	Pumping plants	1940	total number	910	575	335	2,698	100	138	42	6	5
51		1930	total number	364	52	312	1,227	28	.....	9	4	.....
52	Prime movers	1940	capacity, hp.	25,522	17,773	7,749	117,403	6,814	6,406	4,129	128	108
53		1930	capacity, hp.	7,774	1,138	6,636	62,050	6,357	.....	3,362	37	.....
54		1920	capacity, hp.	5,174	3,098	2,076	27,406	3,359	.....	2,872	1	.....
55	(a) Electric	1940	number	326	155	171	1,635	24	19	9	.....	.....
56		1940	capacity, hp.	5,614	3,239	2,375	86,505	2,789	1,296	1,220	.....	.....
57	(b) Internal-combustion	1940	number	534	373	161	914	57	95	25	5	5
58		1940	capacity, hp.	19,703	14,334	5,369	26,365	1,615	1,559	509	108	108
59	(c) Other	1940	number	50	47	3	149	19	24	8	1	.....
60		1940	capacity, hp.	205	200	5	4,533	2,410	3,551	2,400	[9]	.....
61	Pumps	1940	total number	911	576	335	2,640	98	130	41	5	4
62		1930	number	404	61	343	1,220	39	.....	12	4	.....
63		1920	number	309	159	150	1,128	36	.....	24	1	.....
64		1940	capacity, g.p.m.	866,406	570,054	296,352	3,616,220	488,683	230,121	132,039	5,900	4,550
65		1930	capacity, g.p.m.	336,334	64,788	271,546	2,367,101	465,200	.....	86,850	1,845	.....
66		1920	capacity, g.p.m.	221,289	124,701	96,588	1,195,680	115,082	.....	32,882	.....	.....
67	(a) Centrifugal	1940	number	360	142	218	782	70	109	35	5	4
68		1940	capacity, g.p.m.	354,035	169,155	184,880	906,009	254,006	136,080	56,298	5,900	4,550
69		1940	average capacity, g.p.m.	983	1,191	848	1,144	3,629	1,248	1,609	1,180	1,138
70	(b) Turbine	1940	number	497	386	111	1,622	10	8	5	.....	.....
71		1940	capacity, g.p.m.	508,735	398,350	110,385	2,600,149	153,066	86,566	75,566	.....	.....
72		1940	average capacity, g.p.m.	1,024	1,032	994	1,603	15,307	10,821	15,113	.....	.....
73	(c) Plunger	1940	number	48	45	3	186	16	9	1	.....	.....
74		1940	capacity, g.p.m.	409	379	30	8,582	611	285	[9]	.....	.....
75		1940	average capacity, g.p.m.	9	8	10	46	38	32	[9]	.....	.....
76	(d) Other	1940	number	6	3	3	40	2	4	.....	.....	.....
77		1940	capacity, g.p.m.	3,227	2,170	1,057	101,480	[9]	7,190	.....	.....	.....
78	Pumping lift, from all sources	1940	average, feet	47	57	29	54	24	24	27	17	13
79		1930	average, feet	28	31	27	44	32	.....	38	24	.....
80		1920	average, feet	31	34	28	42	27	.....	29	15	.....
81	from pumped wells	1940	average, feet	49	62	29	58	31	20	.....	.....	.....
82	from surface sources	1940	average, feet	26	26	.....	28	22	24	27	17	13

[1] Data for the intrastate tributaries of the Dolores River are not shown separately but are included in the Dolores River total.
[2] Data for other intrastate tributaries of the San Juan River are not shown separately but are included in the San Juan River total.
[3] Data for the intrastate tributaries of the Yampa River are not shown separately but are included in the Yampa River total.
[4] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[5] Includes siphons and farm pipe lines reported.

WORKS, 1940, 1930, AND 1920—Continued
and Arkansas and Louisiana]

COLORADO RIVER (VI) — Continued																
Upper Colorado River (VI-A)—Continued																
Green River (VI-Aa)								San Juan River (VI-Ab)								
Total	Direct (VI-Aa)	Henrys Fork (12)	Yampa River			White River (20)	Intrastate tributaries in Wyoming	Intrastate tributaries in Utah	Total[2]	Direct (VI-Ab)	Los Pinos River (2)	Animas River (3)	La Plata River (4)	Chinle Creek (10)	Intrastate tributaries in Colorado	Intrastate tributaries in Utah	
			Total[3]	Direct (13)	Little Snake River (16)											
1,606	189	70	473	285	96	151	466	257	571	167	72	110	64	3	141	13	1
487	388	397	204	189	271	273	521	1,171	388	244	634	404	360	1,779	382	589	2
1,368	129	129	166	53	61	121	546	277	437	115	51	57	52	21	117	20	3
1,359	76	7	295	25	30	183	629	165	364	33	32	139	42	.....	112	.....	4
919	25	45	109	16	10	43	285	412	133	27	9	45	30	.....	18	.....	5
83	4	2	10	9	.....	6	18	43	77	12	11	5	9	20	11	5	6
266	25	17	6	3	.....	47	124	47	34	28	.....	2	1	.....	3	.....	7
758	89	61	137	36	57	28	309	134	190	26	37	15	28	1	76	7	8
261	11	49	13	5	4	40	95	53	136	49	3	35	14	.....	27	8	9
5,743.9	423.1	201.0	887.9	528.4	209.0	412.0	1,407.8	2,412.1	1,905.5	619.2	265.7	319.5	169.0	129.3	348.7	43.0	10
5,794	363	158	1,041	160	202	359	1,722	2,137	1,627	221	278	473	252	.....	380	.....	11
6,703	209	185	1,516	154	272	451	1,918	2,422	1,524	265	269	436	233	.....	304	.....	12
5,733	420	201	886	527	209	410	1,407	2,409	1,892	614	263	315	169	129	348	43	13
10.9	3.1	.....	1.9	1.4	.....	2.0	0.8	3.1	13.5	5.2	2.7	4.5	.....	0.3	0.7	.....	14
21,496	1,899	373	2,765	1,745	593	1,368	5,756	9,335	6,346	1,232	1,251	1,391	667	132	1,520	138	15
17,145	1,563	345	2,637	639	697	930	5,438	6,193	4,573	603	875	1,289	691	.....	1,052	.....	16
16,875	1,474	301	2,736	498	873	2,883	5,502	3,976	4,510	669	853	1,694	612	.....	660	.....	17
9.2	1.4	.....	2.0	1.1	0.4	1.9	1.4	2.5	6.6	3.5	0.7	1.5	0.2	0.1	0.6	.....	18
1.6	.....	.....	0.4	.....	.....	0.5	.....	0.7	2.8	0.1	0.2	0.5	.....	.....	2.0	.....	19
1.5	0.4	.....	0.3	.....	0.1	0.2	.....	0.6	7.2	7.1	0.1	.....	.....	.....	.....	.....	20
0.1	.....	.....	0.1	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
6.6	0.7	.....	1.9	1.0	0.4	1.9	1.4	0.7	4.0	2.7	0.7	0.3	0.1	0.1	0.1	.....	22
2.3	0.7	.....	.....	.....	.....	.....	.....	1.6	2.6	0.8	.....	1.2	0.1	.....	0.5	.....	23
0.2	.....	.....	.....	.....	.....	.....	.....	0.2	.....	.....	.....	.....	.....	.....	.....	.....	24
162	22	6	30	23	3	13	45	46	43	20	1	3	3	5	5	.....	25
102	1	1	40	2	1	14	16	28	17	.....	3	.....	4	.....	8	.....	26
124	1	22	57	4	6	16	17	11	21	6	.....	.....	3	.....	3	.....	27
1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	28
143	21	6	28	22	2	12	33	43	37	19	1	3	3	.....	5	.....	29
18	1	.....	2	1	1	1	11	3	6	1	.....	.....	.....	5	.....	.....	30
170	19	5	48	34	4	13	40	45	45	20	[7] 1	3	3	5	7	.....	31
63	14	1	21	11	1	6	17	4	8	3	.....	1	2	.....	2	.....	32
59	3	1	23	19	3	7	10	15	35	17	.....	2	1	5	4	.....	33
48	2	3	4	4	.....	.....	13	26	1	.....	.....	.....	.....	.....	1	.....	34
560,672	3,826	7,043	15,748	14,441	659	1,297	141,083	391,675	28,755	9,442	.....	1,170	581	4,334	11,158	.....	35
104	.....	1	33	5	1	9	20	39	13	.....	.....	.....	2	.....	9	.....	36
185,530	.....	80	10,226	2,180	400	5,741	56,874	112,587	4,681	.....	.....	.....	180	.....	2,555	.....	37
11	.....	.....	1	1	.....	6	4	.....	7	.....	.....	.....	.....	.....	.....	.....	38
4	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	39
2	.....	.....	.....	.....	.....	.....	2	.....	10	2	.....	4	.....	.....	.....	.....	40
734	.....	.....	(9)	(9)	.....	648	61	.....	360	.....	.....	.....	.....	.....	.....	.....	41
510	.....	.....	.....	.....	.....	360	120	30	.....	.....	.....	.....	.....	.....	.....	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	1,035	90	.....	100	.....	.....	.....	.....	43
11	.....	.....	6	4	2	.....	5	.....	1	.....	.....	.....	1	.....	.....	.....	44
3	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	.....	1	.....	.....	.....	45
1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	46
920	.....	.....	838	818	(9)	.....	82	.....	(9)	.....	.....	.....	(9)	.....	.....	.....	47
410	.....	.....	.....	.....	.....	.....	410	.....	50	.....	.....	.....	50	.....	.....	.....	48
1,350	1,350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
70	34	.....	20	15	5	8	5	3	3	1	.....	.....	2	.....	.....	.....	50
21	13	.....	3	1	2	1	3	1	2	1	.....	.....	1	.....	.....	.....	51
1,883	1,470	.....	200	153	47	78	30	105	38	(9)	.....	.....	(9)	.....	.....	.....	52
1,071	980	.....	42	2	40	4	5	40	14	12	.....	.....	2	.....	.....	.....	53
647	559	.....	48	48	.....	10	22	8	27	22	.....	.....	.....	.....	.....	.....	54
4	2	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55
26	(9)	.....	(9)	(9)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56
54	23	.....	16	13	3	8	4	3	3	1	.....	.....	2	.....	.....	.....	57
732	342	.....	192	147	45	78	15	105	38	(9)	.....	.....	(9)	.....	.....	.....	58
12	9	.....	2	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
1,125	1,108	.....	(9)	.....	(9)	.....	(9)	.....	.....	.....	.....	.....	.....	.....	.....	.....	60
67	29	.....	20	14	6	9	6	3	3	1	.....	.....	2	.....	.....	.....	61
22	14	.....	3	1	2	1	3	1	2	1	.....	.....	1	.....	.....	.....	62
23	14	.....	4	4	.....	1	1	3	4	2	.....	.....	.....	.....	.....	.....	63
80,650	44,590	.....	21,528	16,648	4,880	7,350	1,082	6,100	1,312	(9)	.....	.....	(9)	.....	.....	.....	64
16,774	13,544	.....	720	320	400	750	410	1,350	317	300	.....	.....	17	.....	.....	.....	65
44,920	13,085	.....	3,200	3,200	.....	900	.....	27,735	1,200	1,200	.....	.....	.....	.....	.....	.....	66
54	27	.....	15	12	3	9	1	2	3	1	.....	.....	2	.....	.....	.....	67
65,350	35,550	.....	17,150	14,540	2,610	7,350	(9)	(9)	1,312	(9)	.....	.....	(9)	.....	.....	.....	68
1,210	1,317	.....	1,143	1,212	870	817	(9)	(9)	437	(9)	.....	.....	(9)	.....	.....	.....	69
1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
(9)	(9)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
(9)	(9)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72
8	.....	.....	3	1	2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
110	.....	.....	28	(9)	(9)	.....	82	.....	.....	.....	.....	.....	.....	.....	.....	.....	74
14	.....	.....	9	(9)	(9)	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
4	1	.....	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	76
7,190	(9)	.....	(9)	(9)	(9)	.....	.....	(9)	.....	.....	.....	.....	.....	.....	.....	.....	77
20	19	.....	13	14	11	15	60	13	18	(9)	.....	.....	(9)	.....	.....	.....	78
20	20	.....	23	10	30	12	25	6	86	132	.....	.....	40	.....	.....	.....	79
16	29	.....	15	15	.....	10	24	40	128	85	.....	.....	.....	.....	.....	.....	80
38	.....	.....	20	21	(9)	.....	.....	.....	(9)	.....	.....	.....	(9)	.....	.....	.....	81
16	19	.....	11	12	8	15	60	13	15	(9)	.....	.....	(9)	.....	.....	.....	82

[6] Three reservoirs reported with no capacity.
[7] Capacity not reported.
[8] Total capacity of all reservoirs regardless of size.
[9] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	COLORADO RIVER (VI)—Continued							
		Upper Colorado River (VI-A)—Con.			Lower Colorado River (VI-B) (Exclusive of Imperial Valley)				
							Little Colorado River (VI-Ba)		
		Paria River (25)	Intrastate tributaries in Colorado	Intrastate tributaries in Utah	Total	Direct (VI-B)	Total[1]	Direct (VI-Ba)	Kanab Creek (1)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises.....1940..number.....	15	1,759	38	2,646	52	96	60	22
2	Average size of enterprise based on area works were capable of supplying with water.....1940..acres.....	114	296	806	390	3,068	344	284	128
3	Diversion dams.....1940..total number.....	16	1,284	43	763	3	67	46	9
4	1930..total number.....	.....	766	31	.....	1	36	9	3
5	1920..total number.....	.....	725	148	.....	5	32	19	1
6	(a) Concrete and masonry.....1940..number.....	.....	28	8	38	.....	26	17	1
7	(b) Timber.....1940..number.....	.....	148	2	10	.....	.....	.....	.....
8	(c) Earth and rock.....1940..number.....	14	878	19	479	.....	27	17	7
9	(d) Other, mixed, and not reported..1940..number.....	2	230	14	176	3	14	12	1
10	Main canals and laterals.....1940..total length, miles.....	25.3	4,445.6	161.2	3,019.8	586.0	355.4	215.1	25.5
11	1930..total length, miles.....	.....	4,439	127	.....	2,592	281	116	6
12	1920..total length, miles.....	.....	5,789	185	.....	2,761	199	100	4
13	(a) Earth.....1940..length, miles.....	25	4,419	161	4,780	566	355	215	25
14	(b) Lined.....1940..length, miles.....	0.3	26.6	0.2	239.8	20.0	0.4	0.1	0.5
15	1940..capacity, c.f.s.[3].....	43	19,967	607	15,592	3,293	459	333	56
16	1930..capacity, c.f.s.[3].....	.....	15,877	477	.....	12,631	399	129	96
17	1920..capacity, c.f.s.[3].....	.....	19,765	548	.....	7,290	341	208	1
18	Pipe lines[4].....1940..total length, miles.....	.....	27.8	0.4	789.8	15.3	2.4	2.2	.....
19	1930..total length, miles.....	.....	14.4	.....	.....	12.6	2.1	.....	.....
20	1920..total length, miles.....	.....	32.2	1.0	.....	0.4	.....	.....	1.3
21	(a) Concrete.....1940..length, miles.....	.....	4.5	.....	642.5	10.3	0.5	0.5	.....
22	(b) Metal.....1940..length, miles.....	.....	14.0	0.2	122.7	0.9	1.9	1.7	.....
23	(c) Wood-stave.....1940..length, miles.....	.....	3.0	0.2	3.3	0.1	.....	.....	.....
24	(d) Other.....1940..length, miles.....	.....	6.3	.....	21.3	4.0	.....	.....	.....
25	Storage dams.....1940..total number.....	3	288	19	267	.....	53	40	9
26	1930..total number.....	.....	234	10	.....	.....	33	7	1
27	1920..total number.....	.....	210	117	.....	1	14	9	.....
28	(a) Concrete and masonry.....1940..number.....	.....	3	3	18	.....	.....	.....	.....
29	(b) Earth and rock.....1940..number.....	3	277	15	240	.....	59	38	9
30	(c) Other, mixed, and not reported..1940..number.....	.....	8	1	9	.....	4	2	.....
31	Reservoirs.....1940..total number.....	4	295	21	428	.....	64	42	9
32	(a) 1-99 acre-feet capacity.....1940..number.....	4	138	8	361	.....	23	16	9
33	(b) 100-999 acre-feet capacity....1940..number.....	.....	120	10	34	.....	23	19	.....
34	(c) 1,000 and over acre-feet capacity.....1940..number.....	.....	35	3	33	.....	18	7	.....
35	1940..total capacity, ac.-ft.[5]..	18	185,839	16,803	4,875,225	.....	70,051	18,526	133
36	1930..total number.....	.....	260	11	.....	2	41	10	6
37	1930..total capacity, ac.-ft....	.....	96,603	4,376	.....	4	81,292	11,648	508
38	Wells, flowing.....1940..number.....	.....	.....	.....	445	1	13	13	.....
39	1930..number.....	.....	.....	.....	.....	6	.....	.....	.....
40	1920..number.....	.....	1	.....	.....	.....	2	2	.....
41	1940..yield, g.p.m.....	.....	.....	.....	47,490	(6)	4,000	4,000	.....
42	1930..yield, g.p.m.....	.....	.....	.....	.....	561	.....	.....	.....
43	1920..yield, g.p.m.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Wells, pumped.....1940..number.....	.....	1	.....	2,348	31	21	14	.....
45	1930..number.....	.....	.....	.....	.....	2	.....	.....	3
46	1920..number.....	.....	.....	.....	.....	4	2	.....	.....
47	1940..yield, g.p.m.....	.....	(6)	.....	2,742,382	8,104	5,117	4,395	.....
48	1930..yield, g.p.m.....	.....	.....	.....	.....	1,700	.....	.....	17
49	1920..yield, g.p.m.....	.....	.....	.....	.....	1,650	1,000	.....	.....
50	Pumping plants.....1940..total number.....	.....	17	.....	2,522	58	27	19	1
51	1930..total number.....	.....	18	.....	.....	19	.....	.....	3
52	Prime movers.....1940..capacity, hp.....	.....	228	.....	110,456	2,685	348	284	(6)
53	1930..capacity, hp.....	.....	1,464	.....	.....	2,995	.....	.....	2
54	1920..capacity, hp.....	.....	855	.....	.....	487	1	.....	.....
55	(a) Electric.....1940..number.....	.....	6	.....	1,601	15	3	3	1
56	1940..capacity, hp.....	.....	50	.....	84,921	1,569	13	13	(6)
57	(b) Internal-combustion.....1940..number.....	.....	8	.....	805	32	21	14	.....
58	1940..capacity, hp.....	.....	172	.....	24,562	1,106	311	269	.....
59	(c) Other.....1940..number.....	.....	3	.....	116	11	3	2	.....
60	1940..capacity, hp.....	.....	6	.....	973	10	24	(6)	.....
61	Pumps.....1940..total number.....	.....	14	.....	2,473	57	27	19	1
62	1930..number.....	.....	21	.....	.....	27	.....	.....	3
63	1920..number.....	.....	21	.....	.....	12	2	.....	.....
64	1940..capacity, g.p.m.....	.....	10,220	.....	3,371,222	356,644	9,802	7,100	(6)
65	1930..capacity, g.p.m.....	.....	49,267	.....	.....	378,350	.....	.....	17
66	1920..capacity, g.p.m.....	.....	7,806	.....	.....	82,200	1,000	.....	.....
67	(a) Centrifugal.....1940..number.....	.....	12	.....	676	35	18	14	1
68	1940..capacity, g.p.m.....	.....	7,220	.....	763,544	197,708	6,595	5,735	(6)
69	1940..average capacity, g.p.m..	.....	602	.....	1,130	5,649	366	410	(6)
70	(b) Turbine.....1940..number.....	.....	2	.....	1,601	5	2	1	.....
71	1940..capacity, g.p.m.....	.....	(6)	.....	2,505,709	77,500	(6)	(6)	.....
72	1940..average capacity, g.p.m..	.....	(6)	.....	1,565	15,500	(6)	(6)	.....
73	(c) Plunger.....1940..number.....	.....	.....	.....	161	15	5	2	.....
74	1940..capacity, g.p.m.....	.....	.....	.....	7,702	436	252	(6)	.....
75	1940..average capacity, g.p.m..	.....	.....	.....	48	29	50	(6)	.....
76	(d) Other.....1940..number.....	.....	.....	.....	35	2	2	2	.....
77	1940..capacity, g.p.m.....	.....	.....	.....	94,267	(6)	(6)	(6)	.....
78	Pumping lift, from all sources.....1940..average, feet.....	.....	42	.....	56	22	34	36	(6)
79	1930..average, feet.....	.....	.....	.....	.....	.....	.....	.....	58
80	1920..average, feet.....	.....	.....	.....	.....	23	30	.....	.....
81	from pumped wells.....1940..average, feet.....	.....	(6)	.....	58	31	31	31	.....
82	from surface sources...1940..average, feet.....	.....	44	.....	32	15	57	74	(6)

[1] Data for the intrastate tributaries of the Little Colorado River and independent basin (6), Salt Lake and Rito Creek (N. Mex.), are not shown separately but are included in the Little Colorado River total.

[2] Data for the intrastate tributaries of the Virgin River are not shown separately but are included in the Virgin River total.

[3] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

COLORADO RIVER (VI)—Continued																
Lower Colorado River (VI-B)—Continued (Exclusive of Imperial Valley)																
Virgin River		Gila River (VI-Bb)							Intrastate tributary in Nevada (Las Vegas Valley) (7)	Intrastate tributary in Arizona (Williams River) (8)	Independent basins				Intrastate tributary in California (Imperial Valley) (VI-C)	
				San Francisco and Blue Rivers (2)+(3)	Intrastate tributaries in Arizona	Independent basins in Gila River										
Total[2]	Direct (2)	Total (VI-Bb)	Direct (1)+(14)			Total	Intrastate basin in New Mexico (Animas Valley) (18)	Intrastate basin in Arizona (Sulphur Springs) (19)			Total	Intrastate basin in Arizona (Red Lake) (11)	Intrastate basins in Nevada	Intrastate basin in California (Whitewater River) (12)		
231	92	1,587	559	84	834	110	18	92	106	79	473	4	31	438	49	1
204	304	469	479	115	552	51	36	66	30	30	86	10	435	62	10,748	2
204	79	437	105	72	242	18	.....	18	3	13	27	.....	13	14	5	3
122	.....	257	53	64	139	.....	.....	.....	.....	9	.....	.....	.....	.....	.....	4
120	.....	231	31	54	144	.....	.....	.....	.....	5	.....	.....	.....	3	.....	5
17	8	31	13	.....	15	3	.....	3	1	1	21	.....	7	14	5	6
3	3	7	.....	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
134	45	293	53	58	167	15	.....	15	2	10	5	.....	5	.....	.....	8
50	23	106	39	12	55	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	9
364.1	150.4	3,550.1	1,380.5	103.0	2,043.4	23.2	9.2	14.0	8.1	45.0	85.6	.....	43.0	42.6	1,910.0	10
341	.....	3,463	1,124	49	2,285	.....	.....	.....	.....	28	.....	.....	.....	.....	.....	11
547	.....	2,842	650	68	2,116	.....	.....	.....	.....	35	.....	.....	.....	49	.....	12
350	148	3,374	1,311	103	1,937	23	9	14	8	45	57	.....	43	14	1,905	13
14.1	12.4	176.1	69.5	.....	106.4	0.2	0.2	.....	0.1	.....	28.6	.....	.....	28.6	5.0	14
921	454	10,451	3,738	244	6,190	279	5	274	17	141	254	2	181	71	7,541	15
807	.....	11,355	3,959	108	7,280	.....	.....	.....	.....	36	.....	.....	.....	.....	.....	16
773	.....	10,449	2,819	110	7,490	.....	.....	.....	.....	40	.....	.....	.....	57	.....	17
12.9	6.4	322.6	62.2	0.3	254.7	5.4	.....	5.4	2.4	4.0	430.2	.....	3.6	426.6	57.7	18
6.1	.....	150.0	2.3	4.4	143.3	.....	.....	.....	.....	3.7	.....	.....	.....	.....	.....	19
7.6	.....	90.4	1.3	1.4	85.5	.....	.....	.....	.....	10.1	.....	.....	.....	77.5	.....	20
2.4	0.1	255.0	60.1	.....	194.9	.....	.....	.....	0.2	0.1	374.0	.....	0.5	373.5	36.5	21
10.0	6.1	55.6	2.1	0.3	47.8	5.4	.....	5.4	2.2	3.1	49.0	.....	3.1	45.9	19.9	22
0.2	0.2	2.2	.....	.....	2.2	.....	.....	.....	.....	0.8	.....	.....	.....	.....	.....	23
0.3	.....	9.8	.....	.....	9.8	.....	.....	.....	.....	.....	7.2	.....	.....	7.2	1.3	24
39	19	142	15	3	119	5	.....	5	1	4	9	.....	8	1	5	25
23	.....	43	2	2	38	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	26
13	.....	35	1	1	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
1	1	17	.....	.....	16	1	.....	1	.....	.....	.....	.....	.....	.....	.....	28
38	18	120	15	3	98	4	.....	4	1	4	9	.....	8	1	5	29
.....	.....	5	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
42	19	277	87	4	173	13	.....	13	9	3	24	.....	17	7	7	31
38	18	258	82	3	161	12	.....	12	9	3	21	.....	14	7	7	32
4	1	7	3	1	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	33
.....	.....	12	2	.....	10	.....	.....	.....	.....	.....	3	.....	3	.....	.....	34
2,670	194	4,794,690	1,202,626	607	3,591,219	238	.....	238	18	43	7,620	.....	7,598	22	57	35
24	.....	215	1	1	213	.....	.....	.....	.....	14	.....	.....	.....	.....	.....	36
1,763	.....	3,316,173	1,200,000	601	2,115,572	.....	.....	.....	.....	34	.....	.....	.....	.....	.....	37
.....	.....	252	97	.....	154	1	.....	1	107	.....	72	.....	.....	72	.....	38
1	.....	202	.....	.....	202	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	39
4	.....	298	.....	.....	298	.....	.....	.....	.....	.....	.....	.....	.....	242	.....	40
.....	.....	18,431	5,955	.....	12,401	(6)	.....	(6)	15,736	.....	9,313	.....	.....	9,313	.....	41
40	.....	13,314	.....	.....	13,314	.....	.....	.....	.....	10	.....	.....	.....	.....	.....	42
106	.....	14,044	.....	.....	14,044	.....	.....	.....	.....	.....	.....	.....	.....	36,860	.....	43
18	5	1,679	690	5	893	91	18	73	23	32	544	2	.....	542	34	44
5	.....	1,119	89	.....	1,030	.....	.....	.....	.....	44	.....	.....	.....	.....	.....	45
8	.....	774	78	4	692	.....	.....	.....	.....	5	.....	.....	.....	325	.....	46
4,389	1,753	2,445,790	1,278,919	23	1,121,803	45,045	10,372	34,673	3,777	12,935	262,270	(6)	.....	261,020	14,771	47
1,429	.....	1,745,297	147,300	.....	1,597,997	.....	.....	.....	.....	8,094	.....	.....	.....	.....	.....	48
1,730	.....	965,338	78,531	225	886,582	.....	.....	.....	.....	2,015	.....	.....	.....	121,465	.....	49
23	10	1,757	708	11	944	94	17	77	23	38	595	2	.....	593	38	50
5	.....	1,080	95	4	981	.....	.....	.....	.....	41	.....	.....	.....	.....	.....	51
155	72	98,090	41,252	92	54,955	1,791	311	1,480	190	419	8,564	(6)	.....	8,523	541	52
44	.....	52,391	4,653	30	47,708	.....	.....	.....	.....	326	.....	.....	.....	.....	.....	53
75	.....	19,091	2,382	70	16,635	.....	.....	.....	.....	39	.....	.....	.....	3,212	.....	54
7	.....	1,056	426	.....	630	.....	.....	.....	5	2	512	.....	.....	512	15	55
48	.....	76,626	29,613	.....	47,013	.....	.....	.....	19	(6)	6,636	.....	.....	6,636	288	56
10	6	617	262	7	270	78	17	61	17	33	75	1	.....	74	14	57
94	60	21,066	11,442	88	7,774	1,762	311	1,451	170	377	1,438	(6)	.....	1,403	244	58
6	4	84	20	4	44	16	.....	16	1	3	8	1	.....	7	9	59
13	12	398	197	4	168	29	.....	29	(6)	37	490	(6)	.....	484	9	60
21	9	1,759	707	9	950	93	18	75	23	38	547	2	.....	545	37	61
5	.....	1,055	23	5	1,027	.....	.....	.....	.....	44	.....	.....	.....	.....	.....	62
10	.....	767	84	13	669	.....	.....	.....	.....	8	.....	.....	.....	247	.....	63
7,264	4,230	2,715,566	1,336,745	2,543	1,329,953	46,325	11,222	35,103	4,757	13,665	262,824	(6)	.....	261,574	14,877	64
1,549	.....	1,806,044	141,010	4,190	1,660,844	.....	.....	.....	.....	10,209	.....	.....	.....	.....	.....	65
3,145	.....	890,248	92,581	6,110	791,157	.....	.....	.....	.....	2,590	.....	.....	.....	125,356	.....	66
11	3	414	123	5	233	53	9	44	18	28	151	2	.....	149	7	67
5,018	2,700	484,078	180,192	2,500	275,306	26,080	5,000	21,080	3,879	10,895	54,671	(6)	.....	53,421	6,385	68
456	900	1,169	1,465	500	1,182	492	556	479	216	389	362	(6)	.....	359	912	69
1	.....	1,208	557	.....	628	23	7	16	2	4	379	.....	.....	379	13	70
(6)	.....	2,216,560	1,150,203	.....	1,046,875	19,482	6,022	13,460	(6)	2,400	204,899	.....	.....	204,899	7,874	71
(6)	.....	1,835	2,065	.....	1,667	847	860	841	(6)	600	541	.....	.....	541	606	72
4	3	111	22	4	69	16	2	14	3	6	17	.....	.....	17	16	73
111	105	3,251	725	43	2,120	363	(6)	163	28	370	3,254	.....	.....	3,254	595	74
28	35	29	33	11	31	23	(6)	12	9	62	191	.....	.....	191	37	75
5	3	26	5	.....	20	1	.....	1	.....	.....	.....	.....	.....	.....	1	76
1,435	1,425	11,577	5,625	.....	5,652	(6)	.....	(6)	.....	.....	.....	.....	.....	.....	(6)	77
24	22	63	59	22	70	45	38	46	23	25	52	(6)	.....	52	55	78
35	.....	46	38	25	50	.....	.....	.....	.....	24	.....	.....	.....	.....	.....	79
39	.....	45	34	19	48	.....	.....	.....	.....	20	.....	.....	.....	41	.....	80
24	19	65	61	30	72	44	38	46	23	27	52	(6)	.....	52	54	81
23	26	41	25	20	49	67	44	79	.....	14	17	.....	.....	17	62	82

[4] Includes siphons and farm pipe lines reported.
[5] Total capacity of all reservoirs regardless of size.
[6] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	Gulf of California (VII) (exclusive of Colorado River) Whitewater Draw and Vamori Wash,[1] Arizona (1)+(2)	GREAT BASIN (VIII)						
			Total (VIII)	Bonneville Lake (VIII-A)					
				Total (VIII-A)	Great Salt Lake		Bear River		
					Total[2]	Direct (1)	Total[3]	Direct (2)	Malad River (5)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises....1940..number....	283	4,831	2,286	1,576	171	619	435	108
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres....	48	493	527	536	159	718	860	159
3	Diversion dams....1940..total number....	158	4,263	1,800	1,254	84	610	495	51
4	1930..total number....	7	3,806	.....	1,123	.....	553	121	26
5	1920..total number....	6	3,234	.....	1,128	.....	670	82	192
6	(a) Concrete and masonry....1940..number....	1	756	587	508	53	157	117	14
7	(b) Timber....1940..number....	.....	441	185	107	3	52	46	2
8	(c) Earth and rock....1940..number....	67	1,933	736	485	22	322	267	32
9	(d) Other, mixed, and not reported..1940..number....	90	1,133	292	154	6	79	65	3
10	Main canals and laterals....1940..total length, miles....	26.0	10,757.6	7,339.2	5,471.7	215.0	2,668.7	2,176.1	128.0
11	1930..total length, miles....	7	12,753	.....	4,917	.....	2,226	808	112
12	1920..total length, miles....	128	17,665	.....	6,999	.....	3,597	1,057	847
13	(a) Earth....1940..length, miles....	26	10,444	7,089	5,243	186	2,652	2,166	128
14	(b) Lined....1940..length, miles....	.....	313.6	250.2	228.7	29.0	16.7	10.1	.....
15	1940..capacity, c.f.s.[5]....	484	57,949	28,428	19,258	625	8,902	7,442	234
16	1930..capacity, c.f.s.[5]....	10	50,743	.....	17,692	.....	8,083	4,543	176
17	1920..capacity, c.f.s.[5]....	553	57,409	.....	19,501	.....	10,589	5,088	413
18	Pipe lines[6]....1940..total length, miles....	4.9	984.7	179.5	152.5	28.8	18.2	11.7	4.7
19	1930..total length, miles....	4.1	1,112.3	.....	69.3	.....	14.1	3.1	.....
20	1920..total length, miles....	5.1	723.0	.....	108.9	.....	23.3	7.7	.....
21	(a) Concrete....1940..length, miles....	.....	706.1	42.6	41.9	19.9	4.9	1.9	2.5
22	(b) Metal....1940..length, miles....	4.9	186.5	62.3	45.2	6.0	6.9	4.8	1.4
23	(c) Wood-stave....1940..length, miles....	.....	35.8	24.2	17.4	.....	6.0	4.6	0.8
24	(d) Other....1940..length, miles....	.....	56.3	50.4	48.0	2.9	0.4	0.4	.....
25	Storage dams....1940..total number....	6	462	291	180	9	59	45	9
26	1930..total number....	4	409	.....	137	.....	50	5	5
27	1920..total number....	51	449	.....	158	.....	104	7	59
28	(a) Concrete and masonry....1940..number....	.....	53	41	34	.....	7	5	2
29	(b) Earth and rock....1940..number....	6	395	245	142	9	50	39	6
30	(c) Other, mixed, and not reported..1940..number....	.....	14	5	4	.....	2	1	1
31	Reservoirs....1940..total number....	18	766	378	210	37	63	46	13
32	(a) 1-99 acre-feet capacity....1940..number....	18	543	235	116	36	30	21	7
33	(b) 100-999 acre-feet capacity....1940..number....	.....	138	92	70	.....	25	20	4
34	(c) 1,000 and over acre-feet capacity....1940..number....	.....	85	51	24	1	8	5	2
35	1940..total capacity, ac.-ft.[7]..	74	3,781,538	3,038,679	2,503,568	3,934	1,468,970	1,449,832	3,775
36	1930..total number....	90	787	.....	154	.....	61	1	5
37	1930..total capacity, ac.-ft....	140	1,922,757	.....	402,788	.....	35,988	50	2,411
38	Wells, flowing....1940..number....	6	1,698	1,313	893	188	121	12	94
39	1930..number....	11	2,175	.....	719	.....	111	.....	21
40	1920..number....	10	1,610	.....	452	.....	171	.....	59
41	1940..yield, g.p.m....	765	118,499	88,934	69,486	7,886	6,705	600	5,035
42	1930..yield, g.p.m....	430	153,800	.....	35,525	.....	4,545	.....	750
43	1920..yield, g.p.m....	503	128,522	.....	42,248	.....	12,635	.....	7,687
44	Wells, pumped....1940..number....	142	1,306	305	100	48	25	15	8
45	1930..number....	210	2,707	.....	107	.....	88	.....	5
46	1920..number....	209	870	.....	68	.....	57	2	.....
47	1940..yield, g.p.m....	45,537	653,078	129,711	36,343	16,226	11,588	4,770	4,818
48	1930..yield, g.p.m....	62,457	1,321,396	.....	31,786	.....	20,926	.....	600
49	1920..yield, g.p.m....	72,787	273,094	.....	16,067	.....	11,597	902	.....
50	Pumping plants....1940..total number....	150	1,458	402	193	49	75	61	7
51	1930..total number....	214	2,686	.....	182	.....	140	28	1
52	Prime movers....1940..capacity, hp....	2,070	39,973	15,142	12,857	450	3,987	3,464	171
53	1930..capacity, hp....	2,025	62,344	.....	10,537	.....	4,126	781	6
54	1920..capacity, hp....	2,403	20,603	.....	10,490	.....	3,016	2,208	.....
55	(a) Electric....1940..number....	2	977	316	167	45	64	54	5
56	1940..capacity, hp....	(8)	30,316	13,799	12,348	406	3,639	3,374	165
57	(b) Internal-combustion....1940..number....	133	399	78	25	4	10	7	2
58	1940..capacity, hp....	2,045	9,144	1,035	259	44	98	90	(8)
59	(c) Other....1940..number....	15	82	8	[9]1	.....	[9]1	.....	.....
60	1940..capacity, hp....	15	513	308	250	.....	250	.....	.....
61	Pumps....1940..total number....	144	1,448	404	192	49	75	61	7
62	1930..number....	215	2,788	.....	219	.....	151	31	1
63	1920..number....	209	820	.....	175	.....	111	32	.....
64	1940..capacity, g.p.m....	63,344	1,514,746	877,780	767,228	16,217	168,913	151,835	4,878
65	1930..capacity, g.p.m....	59,507	3,205,814	.....	863,660	.....	200,215	47,384	600
66	1920..capacity, g.p.m....	73,967	1,033,964	.....	701,160	.....	118,285	80,025	.....
67	(a) Centrifugal....1940..number....	65	477	274	143	34	61	51	4
68	1940..capacity, g.p.m....	27,696	522,634	359,384	295,402	8,972	136,680	121,680	3,700
69	1940..average capacity, g.p.m..	426	1,096	1,312	2,066	264	2,241	2,386	925
70	(b) Turbine....1940..number....	48	826	103	30	14	10	7	2
71	1940..capacity, g.p.m....	31,230	519,532	66,183	20,405	7,145	9,685	7,625	(8)
72	1940..average capacity, g.p.m..	651	629	643	680	510	968	1,089	(8)
73	(c) Plunger....1940..number....	28	119	13	7	.....	1	.....	1
74	1940..capacity, g.p.m....	2,468	7,941	654	533	.....	(8)	.....	(8)
75	1940..average capacity, g.p.m..	88	67	50	76	.....	(8)	.....	(8)
76	(d) Other....1940..number....	3	26	14	12	1	3	3	.....
77	1940..capacity, g.p.m....	1,950	464,639	451,549	450,888	(8)	22,530	22,530	.....
78	Pumping lift, from all sources....1940..average, feet....	57	71	38	40	45	38	35	49
79	1930..average, feet....	48	67	.....	40	.....	42	36	12
80	1920..average, feet....	44	41	.....	37	.....	40	37	.....
81	from pumped wells....1940..average, feet....	57	76	39	42	46	42	33	66
82	from surface sources...1940..average, feet....	56	35	36	37	12	36	36	6

[1] 1930 and 1920 data are designated as "Whitewater Draw and tributaries" and do not include Vamori Wash.
[2] Data for the intrastate tributaries of the Great Salt Lake Basin are not shown separately but are included in the Great Salt Lake Basin total.
[3] Data for the intrastate tributaries of the Bear River are not shown separately but are included in the Bear River total.
[4] Data for the intrastate tributaties of the Quinn River are not shown separately but are included in the Quinn River total.
[5] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

Intrastate tributary in Utah (Sevier River) (14)+(18)	GREAT BASIN (VIII)—Continued														
	Bonneville Lake (VIII-A)—Continued						Lahontan Lake (VIII-B)								
	Independent basins							Northern Great Basin (VIII-Ba) (Independent basins)							
	Total	Deep Creek (Box Elder County, Utah) (19)	Deep Creek (Tooele County, Utah) (22)	Snake Valley (23)	Intrastate basins in Utah	Intrastate basin in Nevada (Thousand Spring Creek) (21)	Total (VIII-B)	Total (VIII-Ba)	Cowhead and Warner Lakes (9)	Quinn River		Surprise Valley (16)	Smoke Creek (18)	Intrastate basins in Oregon	
										Total[4]	Direct (13)				
351	359	15	19	54	259	12	2,545	595	57	57	39	178	14	243	1
769	251	313	149	300	242	408	462	511	704	491	534	266	88	719	2
310	236	2	33	65	129	7	2,463	775	81	78	35	95	4	493	3
184	.....	.....	1	.....	.....	.....	.....	.....	.....	65	.....	.....	.....	634	4
95	.....	.....	3	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	435	5
37	42	1	.....	13	28	.....	169	46	9	4	2	.....	.....	31	6
40	38	.....	11	11	16	.....	256	123	8	2	2	12	.....	95	7
132	119	.....	22	37	53	7	1,197	344	47	49	15	83	4	149	8
101	37	1	.....	4	32	.....	841	262	17	23	16	.....	.....	218	9
1,306.7	560.8	56.0	50.0	74.0	329.8	51.0	3,418.4	822.4	73.6	117.0	55.0	67.0	9.0	463.8	10
1,487	.....	.....	37	.....	.....	.....	.....	.....	.....	74	.....	.....	.....	582	11
2,586	.....	.....	36	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	894	12
1,297	549	56	50	64	328	51	3,355	820	72	117	55	67	9	463	13
9.7	11.8	.....	.....	10.0	1.8	.....	63.4	2.4	1.6	.....	.....	.....	.....	0.8	14
6,760	2,410	101	67	281	1,774	187	29,521	6,706	657	964	850	697	15	4,040	15
6,088	.....	.....	37	.....	.....	.....	.....	.....	.....	306	.....	.....	.....	3,924	16
7,762	.....	.....	50	.....	.....	.....	.....	.....	.....	98	.....	.....	.....	4,358	17
15.4	11.6	.....	0.4	2.3	2.8	6.1	805.2	7.1	2.7	.....	.....	0.4	.....	1.8	18
5.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.4	.....	.....	.....	1.3	19
9.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.7	20
0.2	0.5	.....	.....	.....	0.3	0.2	663.5	1.5	1.2	.....	.....	0.1	.....	0.2	21
8.7	8.4	.....	0.4	2.3	1.3	4.4	124.2	5.1	1.5	.....	.....	0.3	.....	1.1	22
5.6	1.2	.....	.....	.....	0.2	1.0	11.6	0.5	.....	.....	.....	.....	.....	0.5	23
0.9	1.5	.....	.....	.....	1.0	0.5	5.9	.....	.....	.....	.....	.....	.....	.....	24
76	35	5	3	2	23	2	171	42	14	.....	.....	1	2	13	25
51	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	19	26
50	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	97	27
3	4	.....	1	.....	3	.....	12	2	.....	.....	.....	.....	.....	2	28
73	30	5	2	2	19	2	150	38	14	.....	.....	1	2	9	29
.....	1	.....	.....	.....	1	.....	9	2	.....	.....	.....	.....	.....	2	30
83	85	6	8	6	63	2	388	47	13	.....	.....	5	2	13	31
51	68	6	8	5	49	.....	308	20	1	.....	.....	4	2	6	32
13	9	.....	.....	.....	9	.....	46	12	4	.....	.....	1	.....	5	33
19	8	.....	.....	1	5	2	34	15	8	.....	.....	.....	.....	2	34
465,872	69,239	50	28	4,102	52,359	(8)	742,859	58,671	15,202	.....	.....	222	(8)	23,839	35
47	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	15	36
511,227	.....	.....	1	.....	.....	.....	.....	.....	.....	1,003	.....	.....	.....	104,251	37
362	58	1	2	.....	55	.....	385	271	2	.....	.....	127	62	54	38
106	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	39
258	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41	40
17,604	1,844	(8)	(8)	.....	1,783	.....	29,565	20,783	(8)	.....	.....	3,141	3,069	1,893	41
10,423	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,487	42
38,863	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	751	43
14	191	3	1	2	184	1	1,001	37	.....	16	16	1	4	10	44
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	10	45
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	.....	.....	5	46
7,069	86,299	140	(8)	(8)	84,974	(8)	523,367	11,844	.....	3,798	3,798	(8)	466	7,375	47
2,170	.....	.....	.....	.....	.....	.....	.....	.....	.....	850	.....	.....	.....	9,160	48
178	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	.....	1,850	49
16	193	3	1	2	186	1	1,056	44	4	17	17	2	4	11	50
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	13	51
267	2,018	7	(8)	(8)	1,993	(8)	24,831	462	87	117	117	(8)	19	210	52
122	.....	.....	.....	.....	.....	.....	.....	.....	.....	51	.....	.....	.....	154	53
117	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	209	54
5	144	.....	.....	.....	144	.....	661	4	.....	.....	.....	1	.....	3	55
95	1,356	.....	.....	.....	1,356	.....	16,517	53	.....	.....	.....	(8)	.....	50	56
9	44	1	1	2	39	1	321	26	4	12	12	1	1	8	57
146	630	(8)	(8)	(8)	607	(8)	8,109	394	87	111	111	(8)	(8)	160	58
2	5	2	.....	.....	3	.....	74	14	.....	5	5	.....	3	.....	59
(8)	32	(8)	.....	.....	30	.....	205	15	.....	6	6	.....	3	.....	60
16	196	3	1	3	188	1	1,044	44	4	17	17	2	4	11	61
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	14	62
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	15	63
19,068	91,484	140	(8)	(8)	90,159	(8)	636,966	28,934	12,400	3,898	3,898	(8)	476	10,600	64
5,770	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,700	.....	.....	.....	12,900	65
18,318	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,111	66
7	124	1	1	1	120	1	203	17	4	7	7	2	1	3	67
7,525	56,457	(8)	(8)	(8)	55,202	(8)	163,250	18,800	12,400	1,550	1,550	(8)	(8)	2,900	68
1,075	455	(8)	(8)	(8)	460	(8)	804	1,106	3,100	221	221	(8)	(8)	967	69
7	66	.....	.....	.....	66	.....	723	13	.....	5	5	.....	.....	8	70
11,160	34,628	.....	.....	.....	34,628	.....	453,339	9,870	.....	2,170	2,170	.....	.....	7,700	71
1,594	525	.....	.....	.....	525	.....	627	759	.....	434	434	.....	.....	962	72
1	5	2	.....	2	1	.....	106	14	.....	5	5	.....	3	.....	73
(8)	118	(8)	.....	(8)	(8)	.....	7,287	264	.....	178	178	.....	26	.....	74
(8)	24	(8)	.....	(8)	(8)	.....	69	19	.....	36	36	.....	9	.....	75
1	1	.....	.....	.....	1	.....	12	.....	.....	.....	.....	.....	.....	.....	76
(8)	(8)	.....	.....	.....	(8)	.....	13,090	.....	.....	.....	.....	.....	.....	.....	77
31	37	117	(8)	(8)	35	(8)	84	35	9	43	43	(8)	20	42	78
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	43	.....	.....	.....	22	79
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	26	80
40	36	117	.....	(8)	35	(8)	88	40	.....	43	43	(8)	16	45	81
13	65	.....	(8)	(8)	.....	.....	33	18	9	.....	.....	(8)	32	12	82

[8] Includes siphons and farm pipe lines reported.
[7] Total capacity of all reservoirs regardless of size.
[8] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.
[9] Data for less than 3 enterprises shown with permission of the enterprise involved.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	GREAT BASIN (VIII)—Continued							
		Lahontan Lake (VIII-B)—Continued							
		Northern Great Basin (VIII-Ba)—Con. (Independent basins)		Sierra Nevada Slope (VIII-Bb)					
					Pyramid Lake				
							Truckee River (upper)		Carson River (upper)[1]
		Intrastate basin in Nevada (Black Rock Desert) (12)	Intrastate basin in California (Madeline Plains) (17)	Total (VIII-Bb)	Total	Direct (1)	Total[2]	Direct (2)	(5)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises.....1940..number.....	37	9	567	89	13	76	52	125
2	Average size of enterprise based on area works were capable of supplying with water.....1940..acres.....	234	448	641	608	327	656	633	353
3	Diversion dams.....1940..total number.....	22	2	527	91	4	87	52	129
4	1930..total number.....	.....	.....	.....	.....	.....	65	31	52
5	1920..total number.....	.....	.....	.....	.....	.....	54	23	143
6	(a) Concrete and masonry.....1940..number.....	2	.....	78	16	1	15	10	17
7	(b) Timber.....1940..number.....	6	.....	94	7	.....	7	5	22
8	(c) Earth and rock.....1940..number.....	11	1	246	43	3	40	18	55
9	(d) Other, mixed, and not reported..1940..number.....	3	1	109	25	.....	25	19	35
10	Main canals and laterals.....1940..total length, miles.....	81.0	11.0	1,659.6	321.0	21.1	299.9	212.8	176.0
11	1930..total length, miles.....	.....	.....	.....	.....	.....	350	306	677
12	1920..total length, miles.....	.....	.....	.....	.....	.....	172	145	531
13	(a) Earth.....1940..length, miles.....	81	11	1,634	316	21	295	209	174
14	(b) Lined.....1940..length, miles.....	.....	.....	25.6	5.0	0.1	4.9	3.8	2.0
15	1940..capacity, c.f.s.[3].....	241	92	10,799	3,250	146	3,104	2,466	1,577
16	1930..capacity, c.f.s.[3].....	.....	.....	.....	.....	.....	3,137	2,939	4,272
17	1920..capacity, c.f.s.[3].....	.....	.....	.....	.....	.....	2,465	426	3,905
18	Pipe lines[4].....1940..total length, miles.....	2.2	.....	81.6	8.2	1.6	6.6	2.3	10.3
19	1930..total length, miles.....	.....	.....	.....	.....	.....	0.7	0.6	21.3
20	1920..total length, miles.....	.....	.....	.....	.....	.....	0.9	0.7	4.6
21	(a) Concrete.....1940..length, miles.....	.....	.....	38.3	0.6	0.6	.....	.....	1.5
22	(b) Metal.....1940..length, miles.....	2.2	.....	28.8	4.0	1.0	3.0	2.2	8.8
23	(c) Wood-stave.....1940..length, miles.....	.....	.....	9.1	3.1	.....	3.1	0.1	.....
24	(d) Other.....1940..length, miles.....	.....	.....	5.4	0.5	.....	0.5	.....	.....
25	Storage dams.....1940..total number.....	4	8	67	16	.....	16	4	15
26	1930..total number.....	.....	.....	.....	.....	.....	5	.....	14
27	1920..total number.....	.....	.....	.....	.....	.....	5	2	13
28	(a) Concrete and masonry.....1940..number.....	.....	.....	3	1	.....	1	.....	.....
29	(b) Earth and rock.....1940..number.....	4	8	61	15	.....	15	4	15
30	(c) Other, mixed, and not reported..1940..number.....	.....	.....	3	.....	.....	.....	.....	.....
31	Reservoirs.....1940..total number.....	6	8	73	16	2	14	2	13
32	(a) 1-99 acre-feet capacity.....1940..number.....	3	4	34	15	2	13	2	1
33	(b) 100-999 acre-feet capacity....1940..number.....	2	.....	27	.....	.....	.....	.....	11
34	(c) 1,000 and over acre-feet capacity.....1940..number.....	1	4	12	1	.....	1	.....	1
35	1940..total capacity, ac.-ft.[6]..	4,341	15,023	429,067	5,197	(7)	5,163	(7)	7,201
36	1930..total number.....	.....	.....	.....	.....	.....	2	.....	16
37	1930..total capacity, ac.-ft....	.....	.....	.....	.....	.....	1,100	.....	296,913
38	Wells, flowing.....1940..number.....	26	.....	21	.....	.....	.....	.....	1
39	1930..number.....	.....	.....	.....	.....	.....	3	.....	34
40	1920..number.....	.....	.....	.....	.....	.....	.....	.....	3
41	1940..yield, g.p.m.....	12,430	.....	887	.....	.....	.....	.....	(7)
42	1930..yield, g.p.m.....	.....	.....	.....	.....	.....	81	.....	244
43	1920..yield, g.p.m.....	.....	.....	.....	.....	.....	.....	.....	22
44	Wells, pumped.....1940..number.....	6	.....	58	5	.....	5	5	16
45	1930..number.....	.....	.....	.....	.....	.....	2	1	13
46	1920..number.....	.....	.....	.....	.....	.....	1	.....	1
47	1940..yield, g.p.m.....	55	.....	44,807	4,020	.....	4,020	4,020	22,453
48	1930..yield, g.p.m.....	.....	.....	.....	.....	.....	1,125	225	18,910
49	1920..yield, g.p.m.....	.....	.....	.....	.....	.....	250	.....	50
50	Pumping plants.....1940..total number.....	6	.....	83	6	.....	6	6	27
51	1930..total number.....	.....	.....	.....	.....	.....	3	2	31
52	Prime movers.....1940..capacity, hp.....	6	.....	1,954	46	.....	46	46	803
53	1930..capacity, hp.....	.....	.....	.....	.....	.....	47	22	1,130
54	1920..capacity, hp.....	.....	.....	.....	.....	.....	6	.....	134
55	(a) Electric.....1940..number.....	.....	.....	47	4	.....	4	4	17
56	1940..capacity, hp.....	.....	.....	1,336	14	.....	14	14	471
57	(b) Internal-combustion.....1940..number.....	.....	.....	27	.....	.....	.....	.....	8
58	1940..capacity, hp.....	.....	.....	488	.....	.....	.....	.....	248
59	(c) Other.....1940..number.....	6	.....	9	2	.....	2	2	2
60	1940..capacity, hp.....	6	.....	130	(7)	.....	(7)	(7)	(7)
61	Pumps.....1940..total number.....	6	.....	82	6	.....	6	6	27
62	1930..number.....	.....	.....	.....	.....	.....	3	2	32
63	1920..number.....	.....	.....	.....	.....	.....	1	.....	13
64	1940..capacity, g.p.m.....	60	.....	136,893	4,042	.....	4,042	4,042	58,903
65	1930..capacity, g.p.m.....	.....	.....	.....	.....	.....	1,350	450	73,465
66	1920..capacity, g.p.m.....	.....	.....	.....	.....	.....	250	.....	1,650
67	(a) Centrifugal.....1940..number.....	.....	.....	46	5	.....	5	5	16
68	1940..capacity, g.p.m.....	.....	.....	79,313	4,020	.....	4,020	4,020	23,975
69	1940..average capacity, g.p.m..	.....	.....	1,724	804	.....	804	804	1,498
70	(b) Turbine.....1940..number.....	.....	.....	26	.....	.....	.....	.....	11
71	1940..capacity, g.p.m.....	.....	.....	46,628	.....	.....	.....	.....	34,928
72	1940..average capacity, g.p.m..	.....	.....	1,793	.....	.....	.....	.....	3,175
73	(c) Plunger.....1940..number.....	6	.....	6	1	.....	1	1	.....
74	1940..capacity, g.p.m.....	60	.....	161	(7)	.....	(7)	(7)	.....
75	1940..average capacity, g.p.m..	10	.....	27	(7)	.....	(7)	(7)	.....
76	(d) Other.....1940..number.....	.....	.....	4	.....	.....	.....	.....	.....
77	1940..capacity, g.p.m.....	.....	.....	10,791	.....	.....	.....	.....	.....
78	Pumping lift, from all sources.....1940..average, feet.....	30	.....	34	12	.....	12	12	29
79	1930..average, feet.....	.....	.....	.....	.....	.....	20	10	31
80	1920..average, feet.....	.....	.....	.....	.....	.....	8	.....	12
81	from pumped wells.....1940..average, feet.....	40	.....	34	10	.....	10	10	30
82	from surface sources...1940..average, feet.....	25	.....	34	25	.....	25	25	29

[1] Data for 1930 and 1920 include a portion of the Newland Project, U. S. Bureau of Reclamation.
[2] Data for the intrastate tributaries of the Truckee River (upper) are not shown separately but are included in the Truckee River (upper) total.
[3] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[4] Includes siphons and farm pipe lines reported.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

GREAT BASIN (VIII)—Continued															
Lahontan Lake (VIII-B)—Continued															
Sierra Nevada Slope (VIII-Bb)—Continued									Central Great Basin and Eastern Nevada (VIII-Bc)						
Walker Lake					Intrastate streams in Nevada (Truckee and Carson Rivers, lower) (6)	Independent basins			Total (VIII-Bc)	Intrastate stream and tributaries in Nevada (Humboldt River) (1)+(7)+(10)	Independent basins				
Total	Direct (7)	Walker River				Total	Honey Lake (12)	Intrastate basins in California			Total	Amargosa River and Dry Lakes (22)	Intrastate basins in Nevada	Intrastate basins in California	
		Total	Direct (8)	West Walker River (9)	East Walker River (10)										
99	3	96	35	33	28	10	244	179	65	1,383	360	1,017	36	321	660	1
1,238	1,718	1,223	1,417	1,209	998	6,677	310	316	293	367	900	176	85	387	78	2
98	1	97	30	38	29	3	206	179	27	1,161	759	402	2	384	16	3
.....	.....	58	.....	.....	.....	.....	.....	55	.....	.....	618	.....	.....	.....	.....	4
.....	.....	77	.....	.....	.....	.....	.....	152	.....	.....	715	.....	.....	.....	.....	5
21	.....	21	7	14	.....	.....	24	17	7	45	40	5	.....	1	4	6
7	.....	7	1	6	.....	1	57	55	2	39	16	23	.....	23	.....	7
46	1	45	7	16	22	1	101	87	14	607	313	294	2	288	4	8
24	.....	24	15	2	7	1	24	20	4	470	390	80	.....	72	8	9
417.7	15.1	402.6	170.0	152.6	80.0	414.0	330.9	201.0	129.9	936.4	579.0	357.4	10.0	299.3	48.1	10
.....	.....	325	.....	.....	.....	.....	.....	84	.....	.....	1,303	.....	.....	.....	.....	11
.....	.....	821	.....	.....	.....	.....	.....	435	.....	.....	1,573	.....	.....	.....	.....	12
411	15	396	164	152	80	414	319	199	120	901	578	323	8	289	26	13
6.7	0.1	6.6	6.0	0.6	.....	.....	11.9	2.0	9.9	35.4	1.0	34.4	2.0	10.3	22.1	14
2,663	143	2,520	1,043	958	519	2,088	1,221	775	446	12,016	8,540	3,476	88	2,483	905	15
.....	.....	1,698	.....	.....	.....	.....	.....	784	.....	.....	5,253	.....	.....	.....	.....	16
.....	.....	2,192	.....	.....	.....	.....	.....	2,446	.....	.....	1,204	.....	.....	.....	.....	17
3.1	2.7	0.4	0.4	.....	.....	15.4	44.6	3.0	41.6	716.5	14.1	702.4	3.4	30.9	668.1	18
.....	.....	2.7	0.2	.....	.....	.....	.....	3.8	.....	.....	15.3	.....	.....	.....	.....	19
.....	.....	.....	.....	.....	.....	.....	.....	4.1	.....	.....	15.7	.....	.....	.....	.....	20
.....	.....	.....	.....	.....	.....	0.6	35.6	.....	35.6	623.7	0.7	623.0	2.6	1.2	619.2	21
2.7	2.7	.....	.....	.....	.....	4.3	9.0	3.0	6.0	90.3	11.1	79.2	0.8	29.7	48.7	22
.....	.....	.....	.....	.....	.....	6.0	.....	.....	.....	2.0	2.0	.....	.....	.....	.....	23
0.4	.....	0.4	0.4	.....	.....	4.5	.....	.....	.....	0.5	0.3	0.2	.....	.....	0.2	24
8	1	7	1	3	3	1	27	24	3	62	13	49	7	35	7	25
.....	.....	2	.....	.....	.....	.....	.....	7	.....	.....	13	.....	.....	.....	.....	26
.....	.....	14	.....	.....	.....	.....	.....	9	.....	.....	12	.....	.....	.....	.....	27
.....	.....	.....	.....	.....	.....	.....	2	2	.....	7	3	4	1	.....	3	28
8	1	7	1	3	3	1	22	19	3	51	9	42	6	32	4	29
.....	.....	.....	.....	.....	.....	.....	3	3	.....	4	1	3	.....	3	.....	30
8	1	7	1	3	3	[5] 1	35	30	5	268	19	249	10	77	162	31
3	.....	3	.....	3	.....	.....	15	13	2	254	14	240	10	70	160	32
3	.....	3	.....	.....	3	.....	13	11	2	7	.....	7	.....	7	.....	33
2	1	1	1	.....	.....	1	7	6	1	7	5	2	.....	.....	2	34
94,280	(7)	81,280	(7)	280	1,000	273,600	48,789	46,686	2,103	255,121	241,062	14,059	8	2,657	11,394	35
.....	.....	3	.....	.....	.....	.....	.....	9	.....	.....	21	.....	.....	.....	.....	36
.....	.....	92,002	.....	.....	.....	.....	.....	32,476	.....	.....	105,611	.....	.....	.....	.....	37
14	.....	14	1	13	.....	3	3	1	2	93	7	86	20	64	2	38
.....	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	39
.....	.....	26	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	40
785	.....	785	(7)	735	.....	17	55	(7)	(7)	7,895	203	7,692	4,490	2,975	(7)	41
.....	.....	576	.....	.....	.....	.....	.....	.....	.....	.....	65	.....	.....	.....	.....	42
.....	.....	242	.....	.....	.....	.....	.....	.....	.....	.....	805	.....	.....	.....	.....	43
3	.....	3	3	.....	.....	.....	34	27	7	906	30	876	11	27	838	44
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	28	.....	.....	.....	.....	45
.....	.....	71	.....	.....	.....	.....	.....	2	.....	.....	18	.....	.....	.....	.....	46
900	.....	900	900	.....	.....	.....	17,434	12,874	4,560	466,716	6,770	459,946	2,515	3,798	453,633	47
.....	.....	.....	.....	.....	.....	.....	.....	4,750	.....	.....	13,035	.....	.....	.....	.....	48
.....	.....	5	.....	.....	.....	.....	.....	555	.....	.....	2,540	.....	.....	.....	.....	49
3	.....	3	3	.....	.....	6	41	34	7	929	31	898	12	28	858	50
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	28	.....	.....	.....	.....	51
65	.....	65	65	.....	.....	422	618	468	150	22,415	239	22,176	188	173	21,815	52
.....	.....	.....	.....	.....	.....	.....	.....	145	.....	.....	627	.....	.....	.....	.....	53
.....	.....	2	.....	.....	.....	.....	.....	43	.....	.....	71	.....	.....	.....	.....	54
2	.....	2	2	.....	.....	6	18	14	4	610	5	605	2	.....	603	55
(7)	.....	(7)	(7)	.....	.....	422	389	304	85	15,128	40	15,088	(7)	.....	15,058	56
1	.....	1	1	.....	.....	.....	18	15	3	268	20	248	8	23	217	57
(7)	.....	(7)	(7)	.....	.....	.....	215	150	65	7,227	189	7,038	155	162	6,721	58
.....	.....	.....	.....	.....	.....	.....	5	5	.....	51	6	45	2	5	38	59
.....	.....	.....	.....	.....	.....	.....	14	14	.....	60	10	50	(7)	11	36	60
3	.....	3	3	.....	.....	6	40	33	7	918	31	887	12	32	843	61
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	29	.....	.....	.....	.....	62
.....	.....	2	.....	.....	.....	.....	.....	7	.....	.....	19	.....	.....	.....	.....	63
6,900	.....	6,900	6,900	.....	.....	43,084	23,964	19,304	4,660	471,139	6,950	464,189	2,885	4,398	456,906	64
.....	.....	.....	.....	.....	.....	.....	.....	5,500	.....	.....	11,770	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	.....	.....	4,640	.....	.....	22,495	.....	.....	.....	.....	66
3	.....	3	3	.....	.....	3	19	15	4	140	16	124	2	9	113	67
6,900	.....	6,900	6,900	.....	.....	32,313	12,105	9,845	2,260	65,137	4,712	60,425	(7)	1,910	58,015	68
2,300	.....	2,300	2,300	.....	.....	10,771	637	656	565	465	294	487	(7)	212	513	69
.....	.....	.....	.....	.....	.....	.....	15	12	3	684	2	682	7	4	671	70
.....	.....	.....	.....	.....	.....	.....	11,700	9,300	2,400	396,841	(7)	395,091	2,225	1,310	391,556	71
.....	.....	.....	.....	.....	.....	.....	780	775	800	580	(7)	579	318	328	584	72
.....	.....	.....	.....	.....	.....	.....	5	5	.....	86	13	73	3	16	54	73
.....	.....	.....	.....	.....	.....	.....	139	139	.....	6,862	488	6,374	160	748	5,466	74
.....	.....	.....	.....	.....	.....	.....	28	28	.....	80	38	87	53	47	101	75
.....	.....	.....	.....	.....	.....	3	1	1	.....	8	.....	8	.....	3	5	76
.....	.....	.....	.....	.....	.....	10,771	(7)	(7)	.....	2,299	.....	2,299	.....	430	1,869	77
10	.....	10	10	.....	.....	24	43	37	85	91	36	93	103	48	95	78
.....	.....	.....	.....	.....	.....	.....	.....	50	.....	.....	31	.....	.....	.....	.....	79
.....	.....	10	.....	.....	.....	.....	.....	20	.....	.....	30	.....	.....	.....	.....	80
5	.....	5	5	.....	.....	.....	43	32	85	93	35	95	111	52	96	81
13	.....	13	13	.....	.....	24	43	43	.....	36	38	36	20	44	25	82

[5] Data for less than 3 enterprises shown with permission of the enterprise involved.
[6] Total capacity of all reservoirs regardless of size.
[7] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	COLUMBIA RIVER (IX)						
				Upper Columbia River (IX-A)				
							Clark Fork	
		Total (IX)	Direct (IX-A)+(IX-C)	Total	Direct (IX-A)	Kootenai River (1)	Total[1]	Direct (2)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1							
1	Enterprises....1940..number	13,154	928	4,441	586	170	1,730	380
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres	337	36	236	42	56	231	94
3	Diversion dams....1940..total number	11,208	264	3,470	189	168	2,040	397
4	1930..total number	6,247	2	.....	.....	.....	403	15
5	1920..total number	6,494	9	.....	.....	.....	715	6
6	(a) Concrete and masonry....1940..number	1,066	8	128	4	6	30	10
7	(b) Timber....1940..number	1,748	101	743	56	78	395	104
8	(c) Earth and rock....1940..number	5,698	129	1,616	107	56	1,002	204
9	(d) Other, mixed, and not reported..1940..number	2,696	26	983	22	28	613	79
10	Main canals and laterals....1940..total length, miles	27,535.0	196.7	7,712.4	158.0	152.5	3,773.6	383.5
11	1930..total length, miles	26,919	51	.....	.....	.....	3,398	133
12	1920..total length, miles	32,799	199	.....	.....	.....	4,239	86
13	(a) Earth....1940..length, miles	26,453	141	7,027	125	144	3,718	372
14	(b) Lined....1940..length, miles	1,082.0	55.7	685.4	33.0	8.5	55.6	11.5
15	1940..capacity, c.f.s.[4]	121,457	830	24,788	604	485	11,165	1,442
16	1930..capacity, c.f.s.[4]	115,083	205	.....	.....	.....	7,112	507
17	1920..capacity, c.f.s.[4]	134,536	632	.....	.....	.....	14,618	1,399
18	Pipe lines[5]....1940..total length, miles	3,181.4	584.4	2,193.5	450.9	10.0	59.2	24.6
19	1930..total length, miles	1,616.2	148.4	.....	.....	.....	35.8	2.8
20	1920..total length, miles	1,125.2	164.7	.....	.....	.....	27.8	2.5
21	(a) Concrete....1940..length, miles	794.9	64.5	594.2	48.3	.....	4.7	0.1
22	(b) Metal....1940..length, miles	1,427.7	378.9	901.0	296.2	4.1	40.5	16.0
23	(c) Wood-stave....1940..length, miles	821.7	127.2	591.0	103.0	5.9	12.3	6.9
24	(d) Other....1940..length, miles	137.1	13.8	107.3	3.4	.....	1.7	1.6
25	Storage dams....1940..total number	590	32	207	20	12	111	28
26	1930..total number	414	1	.....	.....	.....	58	3
27	1920..total number	603	18	.....	.....	.....	103	1
28	(a) Concrete and masonry....1940..number	85	3	27	1	.....	11	4
29	(b) Earth and rock....1940..number	388	25	141	19	4	73	15
30	(c) Other, mixed, and not reported..1940..number	117	4	39	.....	8	27	9
31	Reservoirs....1940..total number	614	24	207	18	10	120	30
32	(a) 1-99 acre-feet capacity....1940..number	350	20	116	14	9	64	25
33	(b) 100-999 acre-feet capacity....1940..number	131	4	43	4	.....	33	5
34	(c) 1,000 and over acre-feet capacity....1940..number	133	.....	48	.....	1	23	.....
35	1940..total capacity, ac.-ft.[6]	7,517,123	1,696	1,405,800	1,631	3,107	236,657	845
36	1930..total number	353	1	.....	.....	.....	53	2
37	1930..total capacity, ac.-ft.	6,316,670	50	.....	.....	.....	159,601	3,560
38	Wells, flowing....1940..number	374	16	46	1	.....	39	1
39	1930..number	293	1	.....	.....	.....	37	.....
40	1920..number	176	8	.....	.....	.....	11	.....
41	1940..yield, g.p.m.	65,579	4,070	11,905	(7)	.....	9,600	(7)
42	1930..yield, g.p.m.	62,451	300	.....	.....	.....	3,798	.....
43	1920..yield, g.p.m.	27,135	4,390	.....	.....	.....	3,333	.....
44	Wells, pumped....1940..number	1,972	353	620	200	3	34	14
45	1930..number	1,663	11	.....	.....	.....	17	7
46	1920..number	752	175	.....	.....	.....	3	.....
47	1940..yield, g.p.m.	687,639	74,599	225,886	43,764	740	9,998	3,888
48	1930..yield, g.p.m.	464,026	11,325	.....	.....	.....	5,903	1,200
49	1920..yield, g.p.m.	277,555	58,401	.....	.....	.....	80	.....
50	Pumping plants....1940..total number	4,447	690	1,644	416	9	121	36
51	1930..total number	3,251	219	.....	.....	.....	40	5
52	Prime movers....1940..capacity, hp	105,911	9,075	41,973	7,048	44	10,145	313
53	1930..capacity, hp	77,271	6,625	.....	.....	.....	329	53
54	1920..capacity, hp	62,451	6,493	.....	.....	.....	283	.....
55	(a) Electric....1940..number	3,089	590	1,388	379	.....	62	16
56	1940..capacity, hp	84,555	7,873	33,970	6,686	.....	9,578	103
57	(b) Internal-combustion....1940..number	1,237	99	210	36	7	52	16
58	1940..capacity, hp	13,042	1,202	2,338	362	37	394	130
59	(c) Other....1940..number	121	[8]1	46	[8]1	2	7	4
60	1940..capacity, hp	8,314	.....	5,665	.....	(7)	173	80
61	Pumps....1940..total number	4,439	687	1,640	417	10	118	33
62	1930..number	3,434	228	.....	.....	.....	41	5
63	1920..number	1,745	359	.....	.....	.....	27	.....
64	1940..capacity, g.p.m.	4,609,862	211,334	936,702	132,272	2,545	155,663	18,028
65	1930..capacity, g.p.m.	3,593,854	215,538	.....	.....	.....	20,755	1,930
66	1920..capacity, g.p.m.	2,522,910	233,881	.....	.....	.....	12,447	.....
67	(a) Centrifugal....1940..number	3,632	559	1,390	358	6	86	21
68	1940..capacity, g.p.m.	4,002,160	189,697	865,397	121,610	1930	129,379	9,930
69	1940..average capacity, g.p.m.	1,102	339	623	340	322	1,504	473
70	(b) Turbine....1940..number	338	45	96	27	.....	7	5
71	1940..capacity, g.p.m.	348,633	15,041	43,913	8,179	.....	13,012	7,540
72	1940..average capacity, g.p.m.	1,031	334	457	303	.....	1,859	1,508
73	(c) Plunger....1940..number	308	71	124	28	2	16	3
74	1940..capacity, g.p.m.	22,359	5,415	10,482	2,091	(7)	1,112	280
75	1940..average capacity, g.p.m.	73	76	85	75	(7)	70	93
76	(d) Other....1940..number	161	12	30	4	2	9	4
77	1940..capacity, g.p.m.	236,710	1,181	16,910	392	(7)	12,160	278
78	Pumping lift, from all sources....1940..average, feet	39	62	60	74	19	33	27
79	1930..average, feet	47	78	.....	.....	.....	29	30
80	1920..average, feet	50	66	.....	.....	.....	32	.....
81	from pumped wells....1940..average, feet	39	59	53	60	15	30	36
82	from surface sources...1940..average, feet	40	66	64	86	21	34	20

[1] Data for the intrastate tributaries of the Clark Fork are not shown separately but are included in the Clark Fork total.
[2] Data for the intrastate tributaries of the Spokane River are not shown separately but are included in the Spokane River total.
[3] Data for the intrastate tributaries of the South Fork Snake River are not shown separately but are included in the South Fork Snake River total.
[4] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

COLUMBIA RIVER (IX)—Continued															
Upper Columbia River (IX-A)—Con.			Snake River (IX-B)												
Spokane River					Upper Snake River								Lower Snake River		
							South Fork Snake River			Henrys Fork					
Total [2]	Direct	Intrastate tributaries in Washington	Total	Direct	Total	Direct	Total [3]	Direct	Salt River	Total	Direct	Teton River	Intrastate tributaries in Idaho	Total	Direct
	(12)			(IX-B)		(1)		(2)	(5)		(6)	(7)			(12)	
136	110	1,819	5,314	862	940	78	455	260	168	209	101	108	198	4,211	784	1
201	243	324	568	1,106	574	2,680	693	945	353	887	1,311	491	567	497	949	2
56	46	1,017	5,527	658	778	29	392	213	160	166	83	83	191	4,578	629	3
6	.....	.....	3,871	23	.....	.....	252	102	62	93	.....	.....	.....	.....	.....	4
34	15	.....	3,901	59	.....	.....	217	113	50	226	.....	.....	.....	.....	.....	5
15	15	73	465	60	120	11	56	41	15	33	24	9	20	314	49	6
10	10	204	613	63	73	1	51	11	38	19	14	5	2	519	62	7
20	10	431	3,228	354	404	15	197	105	77	82	37	45	110	2,740	339	8
11	11	309	1,220	181	181	2	88	56	30	32	8	24	59	1,005	179	9
153.0	149.8	3,475.3	16,397.2	4,507.1	3,649.3	817.6	1,368.7	992.3	304.3	798.6	518.5	280.1	664.4	12,269.7	3,689.5	10
25	.....	.....	16,904	3,831	.....	.....	1,326	833	215	683	.....	.....	.....	.....	.....	11
276	235	.....	20,071	3,429	.....	.....	1,668	1,063	351	1,187	.....	.....	.....	.....	.....	12
98	95	2,942	16,218	4,483	3,639	817	1,365	989	304	795	515	280	662	12,101	3,666	13
55.0	54.8	533.3	179.2	24.1	10.3	0.6	3.7	3.3	0.3	3.6	3.5	0.1	2.4	168.7	23.5	14
642	616	11,892	86,012	23,521	29,457	5,309	11,818	9,564	1,867	9,632	7,942	1,690	2,698	54,134	18,212	15
289	.....	.....	85,164	16,679	.....	.....	8,730	7,061	753	10,709	.....	.....	.....	.....	.....	16
912	802	.....	95,846	19,014	.....	.....	10,840	8,651	1,355	12,693	.....	.....	.....	.....	.....	17
233.7	231.1	1,439.7	367.8	99.6	15.8	4.4	0.9	0.1	0.8	1.2	0.7	0.5	9.3	349.4	95.2	18
98.5	.....	.....	276.1	36.2	.....	.....	2.0	.....	2.0	1.0	.....	.....	.....	.....	.....	19
163.5	132.7	.....	264.0	81.4	.....	.....	.....	.....	.....	0.8	.....	.....	.....	.....	.....	20
155.9	155.9	385.3	101.4	27.2	4.9	2.4	0.8	.....	0.8	0.2	.....	0.2	1.5	96.5	24.8	21
29.6	27.4	530.6	92.2	31.6	5.4	1.0	0.1	0.1	.....	0.5	0.2	0.3	3.8	84.2	30.6	22
29.9	29.5	439.9	164.9	39.3	5.3	1.0	.....	.....	.....	0.5	0.5	.....	3.8	159.6	38.3	23
18.3	18.3	83.9	9.3	1.5	0.2	.....	.....	.....	.....	.....	.....	.....	0.2	9.1	1.5	24
8	8	56	311	43	53	7	9	7	2	14	11	3	23	255	36	25
3	.....	.....	208	6	.....	.....	7	4	1	4	.....	.....	.....	.....	.....	26
11	8	.....	321	11	.....	.....	9	.....	2	25	.....	.....	.....	.....	.....	27
5	5	10	48	7	7	2	1	1	.....	1	1	.....	3	40	5	28
3	3	42	209	25	40	4	6	5	1	13	10	3	17	167	21	29
.....	.....	4	54	11	6	1	2	1	1	.....	.....	.....	3	48	10	30
16	14	43	343	50	51	6	9	7	2	14	11	3	22	289	44	31
14	12	15	181	26	28	3	4	3	1	4	1	3	17	151	23	32
2	2	4	84	15	12	2	2	1	1	5	5	.....	3	72	13	33
.....	.....	24	78	9	11	1	3	3	.....	5	5	.....	2	66	8	34
972	970	1,163,433	5,854,698	1,770,481	2,995,974	1,700,602	851,924	851,543	(7)	225,951	225,936	15	217,497	2,820,709	69,879	35
3	.....	.....	200	4	.....	.....	5	2	1	3	.....	.....	.....	.....	.....	36
1,607	.....	.....	5,249,573	1,802,180	.....	.....	848,587	847,200	800	82,888	.....	.....	.....	.....	.....	37
.....	.....	6	294	83	2	2	.....	.....	.....	.....	.....	.....	.....	263	81	38
.....	.....	.....	212	.....	.....	.....	.....	.....	.....	20	.....	.....	.....	.....	.....	39
.....	.....	.....	105	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
.....	.....	955	42,569	9,579	(7)	(7)	.....	.....	.....	.....	.....	.....	.....	31,199	4,809	41
.....	.....	.....	32,163	.....	.....	.....	.....	.....	.....	2,828	.....	.....	.....	.....	.....	42
.....	.....	.....	9,867	860	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43
51	40	332	418	69	14	2	2	2	.....	5	.....	5	5	350	67	44
80	.....	.....	229	4	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....	45
47	47	.....	130	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46
79,684	78,414	91,700	256,972	36,387	15,280	(7)	(7)	(7)	.....	5,835	.....	5,835	5,375	143,502	33,867	47
74,059	.....	.....	70,236	2,500	.....	.....	.....	.....	.....	3,686	.....	.....	.....	.....	.....	48
58,504	58,504	.....	40,957	13,855	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49
98	82	1,000	977	409	81	43	3	3	.....	8	3	5	27	845	366	50
95	.....	.....	714	185	.....	.....	1	1	.....	44	.....	.....	.....	.....	.....	51
5,110	5,071	19,626	50,462	37,066	2,903	2,511	21	21	.....	208	71	137	163	45,716	34,555	52
3,822	.....	.....	39,449	31,197	.....	.....	5	5	.....	326	.....	.....	.....	.....	.....	53
4,468	3,476	.....	39,653	32,689	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54
78	63	869	671	324	54	38	1	1	.....	1	1	.....	14	572	286	55
4,900	4,864	12,806	44,876	35,760	2,584	2,459	(7)	(7)	.....	(7)	(7)	.....	70	40,546	33,301	56
17	16	98	265	76	24	5	2	2	.....	6	1	5	11	235	71	57
175	172	1,370	3,105	1,082	316	52	(7)	(7)	.....	167	(7)	137	91	2,692	1,030	58
3	3	33	41	9	3	.....	.....	.....	.....	1	1	.....	2	38	9	59
35	35	5,450	2,481	224	3	.....	.....	.....	.....	(7)	(7)	.....	(7)	2,478	224	60
97	82	998	971	408	78	40	3	3	.....	8	3	5	27	842	368	61
105	.....	.....	804	261	.....	.....	1	1	.....	44	.....	.....	.....	.....	.....	62
104	93	.....	478	225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63
124,162	122,117	522,060	3,017,533	2,142,894	195,348	166,805	3,210	3,210	.....	12,986	6,661	6,325	12,347	2,551,481	1,976,089	64
72,534	.....	.....	2,331,003	1,684,413	.....	.....	600	600	.....	18,695	.....	.....	.....	.....	.....	65
118,684	68,643	.....	1,758,084	1,340,211	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
76	61	864	744	339	67	38	3	3	.....	4	2	2	22	639	301	67
119,025	116,980	493,453	2,564,835	2,003,944	183,186	164,585	3,210	3,210	.....	8,166	(7)	(7)	7,225	2,153,095	1,839,359	68
1,566	1,918	571	3,447	5,911	2,734	4,331	1,070	1,070	.....	2,042	(7)	(7)	328	3,369	6,111	69
6	6	56	131	45	8	2	.....	.....	.....	3	.....	3	3	110	43	70
3,570	3,570	19,152	239,788	99,659	12,020	(7)	.....	.....	.....	4,800	.....	4,800	5,000	185,618	97,439	71
595	595	342	1,830	2,215	1,502	(7)	.....	.....	.....	1,600	.....	1,600	1,667	1,687	2,266	72
12	12	66	18	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	18	7	73
1,292	1,292	5,837	703	291	.....	.....	.....	.....	.....	.....	.....	.....	.....	703	291	74
108	108	88	39	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	42	75
3	3	12	78	17	3	.....	.....	.....	.....	1	1	.....	2	75	17	76
275	275	3,618	212,207	39,000	142	.....	.....	.....	.....	(7)	(7)	.....	(7)	212,065	39,000	77
56	62	47	25	27	19	23	8	8	.....	25	8	38	15	26	28	78
77	.....	.....	29	43	.....	.....	6	6	.....	21	.....	.....	.....	.....	.....	79
77	79	.....	29	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	80
74	85	50	24	24	20	(7)	(7)	(7)	.....	31	3	38	18	25	24	81
40	42	45	25	28	19	24	15	15	.....	10	10	.....	14	27	29	82

[5] Includes siphons and farm pipe lines reported.
[6] Total capacity of all reservoirs regardless of size.
[7] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.
[8] Water wheel reporting no horsepower.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION

[For the 17 western States

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	COLUMBIA RIVER (IX)—Continued									
		Snake River (IX-B)—Continued									
		Lower Snake River—Continued									
						Owyhee River					
								South Fork Owyhee River			
		Raft River (13)	Goose Creek (14)	Salmon Falls Creek (15)	Bruneau River (18)	Total	Direct (23)	Total	Direct (24)	East Fork Owyhee River (25)	Jordan Creek (26)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1										
1	Enterprises....1940..number	57	26	28	109	202	63	79	39	40	60
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres	288	778	1,718	199	758	1,218	743	800	688	295
3	Diversion dams....1940..total number	68	90	96	232	383	61	193	104	89	129
4	1930..total number	51	20	41	122	360	.....	.....	.....	.....	.....
5	1920..total number	101	35	40	141	348	.....	.....	.....	.....	.....
6	(a) Concrete and masonry....1940..number	10	4	.....	4	7	4	1	.....	1	2
7	(b) Timber....1940..number	7	1	.....	10	9	.....	3	3	.....	6
8	(c) Earth and rock....1940..number	21	25	64	155	309	52	147	88	59	110
9	(d) Other, mixed, and not reported..1940..number	30	60	32	63	58	5	42	13	29	11
10	Main canals and laterals....1940..total length, miles	107.0	98.0	137.0	151.2	957.0	415.7	406.0	265.0	141.0	135.3
11	1930..total length, miles	99	137	347	206	426	.....	.....	.....	.....	.....
12	1920..total length, miles	163	170	352	262	679	.....	.....	.....	.....	.....
13	(a) Earth....1940..length, miles	107	98	109	151	943	402	406	265	141	135
14	(b) Lined....1940..length, miles	.....	.....	28.0	0.2	14.0	13.7	.....	.....	.....	0.3
15	1940..capacity, c.f.s.[3]	415	613	1,013	545	3,940	2,143	1,123	406	717	674
16	1930..capacity, c.f.s.[3]	413	532	1,207	686	1,409	.....	.....	.....	.....	.....
17	1920..capacity, c.f.s.[3]	642	100	1,857	826	2,508	.....	.....	.....	.....	.....
18	Pipe lines[4]....1940..total length, miles	1.1	0.2	3.0	.....	24.1	22.8	1.1	0.8	0.3	0.2
19	1930..total length, miles	0.7	.....	.....	0.5	1.6	.....	.....	.....	.....	.....
20	1920..total length, miles	.....	.....	0.1	0.8	2.5	.....	.....	.....	.....	.....
21	(a) Concrete....1940..length, miles	.....	.....	.....	.....	10.0	9.7	0.3	.....	0.3	.....
22	(b) Metal....1940..length, miles	0.7	0.2	1.0	.....	5.9	5.1	0.8	0.8	.....	.....
23	(c) Wood-stave....1940..length, miles	0.4	.....	.....	.....	8.2	8.0	.....	.....	.....	0.2
24	(d) Other....1940..length, miles	.....	.....	2.0	.....	.....	.....	.....	.....	.....	.....
25	Storage dams....1940..total number	15	3	3	4	33	14	14	2	12	5
26	1930..total number	1	2	1	2	24	.....	.....	.....	.....	.....
27	1920..total number	2	.....	6	18	27	.....	.....	.....	.....	.....
28	(a) Concrete and masonry....1940..number	7	.....	1	.....	3	1	2	1	1	.....
29	(b) Earth and rock....1940..number	6	3	2	2	23	10	8	1	7	5
30	(c) Other, mixed, and not reported..1940..number	2	.....	.....	2	7	3	4	.....	4	.....
31	Reservoirs....1940..total number	16	4	4	4	38	17	16	2	14	5
32	(a) 1-99 acre-feet capacity....1940..number	14	3	1	2	5	3	.....	.....	.....	2
33	(b) 100-999 acre-feet capacity....1940..number	1	.....	1	2	24	10	12	1	11	2
34	(c) 1,000 and over acre-feet capacity....1940..number	1	1	2	.....	9	4	4	1	3	1
35	1940..total capacity, ac.-ft.[5]	1,883	75,007	211,601	575	823,905	724,546	64,821	(7)	46,621	34,538
36	1930..total number	3	1	1	4	24	.....	.....	.....	.....	.....
37	1930..total capacity, ac.-ft.	367	74,000	182,650	5,235	396,951	.....	.....	.....	.....	.....
38	Wells, flowing....1940..number	1	.....	4	66	3	3	.....	.....	.....	.....
39	1930..number	.....	.....	.....	24	1	.....	.....	.....	.....	.....
40	1920..number	.....	.....	3	38	4	.....	.....	.....	.....	.....
41	1940..yield, g.p.m.	(7)	.....	290	7,440	25	25	.....	.....	.....	.....
42	1930..yield, g.p.m.	.....	.....	.....	7,378	10	.....	.....	.....	.....	.....
43	1920..yield, g.p.m.	.....	.....	1,900	1,628	787	.....	.....	.....	.....	.....
44	Wells, pumped....1940..number	28	1	1	.....	3	2	1	1	.....	.....
45	1930..number	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
46	1920..number	.....	.....	.....	1	3	.....	.....	.....	.....	.....
47	1940..yield, g.p.m.	15,920	(7)	(7)	.....	980	(7)	(7)	(7)	.....	.....
48	1930..yield, g.p.m.	.....	.....	.....	.....	20	.....	.....	.....	.....	.....
49	1920..yield, g.p.m.	.....	.....	.....	27	265	.....	.....	.....	.....	.....
50	Pumping plants....1940..total number	21	1	1	1	31	29	2	2	.....	.....
51	1930..total number	.....	.....	.....	2	76	.....	.....	.....	.....	.....
52	Prime movers....1940..capacity, hp.	618	(7)	(7)	(7)	3,705	3,697	(7)	(7)	.....	.....
53	1930..capacity, hp.	.....	.....	.....	451	566	.....	.....	.....	.....	.....
54	1920..capacity, hp.	.....	.....	6	457	1,318	.....	.....	.....	.....	.....
55	(a) Electric....1940..number	.....	.....	1	.....	16	16	.....	.....	.....	.....
56	1940..capacity, hp.	.....	.....	(7)	.....	3,386	3,386	.....	.....	.....	.....
57	(b) Internal-combustion....1940..number	20	1	.....	1	5	3	2	2	.....	.....
58	1940..capacity, hp.	570	(7)	.....	(7)	49	41	(7)	(7)	.....	.....
59	(c) Other....1940..number	1	.....	.....	.....	10	10	.....	.....	.....	.....
60	1940..capacity, hp.	(7)	.....	.....	.....	270	270	.....	.....	.....	.....
61	Pumps....1940..total number	27	1	1	1	23	21	2	2	.....	.....
62	1930..number	.....	.....	.....	3	78	.....	.....	.....	.....	.....
63	1920..number	.....	.....	1	7	61	.....	.....	.....	.....	.....
64	1940..capacity, g.p.m.	15,470	(7)	(7)	(7)	169,339	169,089	(7)	(7)	.....	.....
65	1930..capacity, g.p.m.	.....	.....	.....	32,130	36,924	.....	.....	.....	.....	.....
66	1920..capacity, g.p.m.	.....	.....	440	27,465	80,503	.....	.....	.....	.....	.....
67	(a) Centrifugal....1940..number	18	1	.....	.....	20	18	2	2	.....	.....
68	1940..capacity, g.p.m.	8,500	(7)	.....	.....	161,507	161,257	(7)	(7)	.....	.....
69	1940..average capacity, g.p.m.	472	(7)	.....	.....	8,075	8,959	(7)	(7)	.....	.....
70	(b) Turbine....1940..number	9	.....	1	.....	3	3	.....	.....	.....	.....
71	1940..capacity, g.p.m.	6,970	.....	(7)	.....	7,832	7,832	.....	.....	.....	.....
72	1940..average capacity, g.p.m.	774	.....	(7)	.....	2,611	2,611	.....	.....	.....	.....
73	(c) Plunger....1940..number	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
74	1940..capacity, g.p.m.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
75	1940..average capacity, g.p.m.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	(d) Other....1940..number	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
77	1940..capacity, g.p.m.	.....	.....	.....	(7)	.....	.....	.....	.....	.....	.....
78	Pumping lift, from all sources....1940..average, feet	38	(7)	(7)	(7)	26	28	(7)	(7)	.....	.....
79	1930..average, feet	.....	.....	.....	30	18	.....	.....	.....	.....	.....
80	1920..average, feet	.....	.....	15	24	28	.....	.....	.....	.....	.....
81	from pumped wells....1940..average, feet	39	(7)	(7)	.....	19	(7)	(7)	(7)	.....	.....
82	from surface sources...1940..average, feet	30	.....	.....	(7)	27	29	(7)	(7)	.....	.....

[1] Data for the intrastate tributaries of the Klamath River are not shown separately but are included in the Klamath River total.
[2] Data for the intrastate tributaries of the Grande Ronde River are not shown separately but are included in the Grande Ronde River total.
[3] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[4] Includes siphons and farm pipe lines reported.

WORKS, 1940, 1930, AND 1920—Continued

and Arkansas and Louisiana]

COLUMBIA RIVER (IX)—Continued											KLAMATH RIVER (X)			
Snake River (IX-B)—Continued						Lower Columbia River (IX-C)								
Lower Snake River—Continued														
Grande Ronde River														
Total[2]	Direct (46)	Intrastate tributaries in Idaho	Intrastate tributaries in Oregon	Intrastate tributaries in Washington	Independent intrastate basins in Idaho	Total	Direct (IX-C)	Walla Walla River (1)	Intrastate tributaries in Oregon	Intrastate tributaries in Washington	Total[1]	Direct (X)	Lost River (3)	
453	230	1,778	739	35	163	3,399	342	653	2,317	87	929	341	83	1
165	103	440	307	145	634	105	26	69	125	159	334	313	1,191	2
362	117	1,449	1,239	30	171	2,211	75	387	1,685	64	670	180	11	3
175	.....	.....	.....	.....	.....	.....	.....	126	1,369	.....	472	411	13	4
207	.....	.....	.....	.....	.....	.....	.....	236	1,195	.....	505	452	8	5
33	18	95	104	8	31	473	4	188	278	3	29	7	6	6
110	24	165	155	.....	21	392	45	65	235	47	155	71	.....	7
179	69	950	681	17	85	853	22	111	711	9	292	55	1	8
40	6	239	299	5	34	493	4	23	461	5	194	47	4	9
410.3	176.6	5,054.4	1,634.6	30.7	478.2	3,425.4	38.7	255.0	3,072.7	59.0	1,904.3	593.0	494.7	10
323	.....	.....	.....	.....	.....	.....	.....	230	2,922	.....	1,698	964	436	11
629	.....	.....	.....	.....	.....	.....	.....	1,364	2,739	.....	1,726	1,214	303	12
405	175	4,989	1,604	29	478	3,208	16	245	2,893	54	1,865	584	488	13
5.3	1.6	65.4	30.6	1.7	0.2	217.4	22.7	10.0	179.7	5.0	39.3	9.0	6.7	14
2,181	661	19,922	7,218	75	2,421	10,657	226	1,312	8,705	414	9,179	3,767	2,355	15
1,551	.....	.....	.....	.....	.....	.....	.....	652	7,650	.....	5,900	2,965	1,008	16
1,894	.....	.....	.....	.....	.....	.....	.....	1,453	7,838	.....	8,878	5,778	1,889	17
5.9	5.0	147.7	13.8	58.4	2.6	620.1	133.5	59.2	413.6	13.8	52.8	16.4	5.0	18
.....	.....	.....	.....	.....	.....	.....	.....	20.5	169.8	.....	21.1	17.7	2.2	19
1.1	.....	.....	.....	.....	.....	.....	.....	80.0	76.9	.....	22.1	20.8	0.6	20
0.2	0.2	50.6	6.0	4.9	.....	99.3	16.2	35.0	48.1	.....	4.6	1.0	0.8	21
4.9	4.1	21.1	2.2	17.6	2.6	434.5	82.7	15.6	327.1	9.1	43.8	14.4	3.3	22
0.8	0.7	71.1	5.6	35.2	.....	65.8	24.2	7.8	29.2	4.6	3.4	0.8	0.6	23
.....	.....	4.9	.....	0.7	.....	20.5	10.4	0.8	9.2	0.1	1.0	0.2	0.3	24
15	6	93	50	3	3	72	12	.....	59	1	52	12	9	25
10	.....	.....	.....	.....	.....	.....	.....	1	45	.....	20	10	3	26
19	.....	.....	.....	.....	.....	.....	.....	14	58	.....	41	23	13	27
1	.....	16	7	.....	1	10	2	.....	8	.....	5	3	1	28
7	4	65	35	3	2	38	6	.....	31	[5]1	40	5	7	29
7	2	12	8	.....	.....	24	4	.....	20	.....	7	4	1	30
14	9	108	56	1	3	64	6	.....	58	.....	60	16	9	31
11	9	64	27	1	2	53	6	.....	47	.....	39	10	2	32
1	.....	13	17	.....	.....	4	.....	.....	4	.....	11	1	4	33
2	.....	31	12	.....	1	7	.....	.....	7	.....	10	5	3	34
49,404	50	1,229,812	358,586	(7)	38,015	256,625	65	.....	256,560	.....	1,165,143	552,578	540,071	35
5	.....	.....	.....	.....	.....	.....	.....	2	22	.....	32	23	2	36
41,766	.....	.....	.....	.....	.....	.....	.....	2	203,863	.....	1,110,362	549,256	560,000	37
.....	.....	98	3	7	29	34	15	13	6	.....	3	3	.....	38
.....	.....	.....	.....	.....	.....	.....	.....	18	8	.....	28	3	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	34	6	.....	4	3	.....	40
.....	.....	10,840	250	7,140	6,600	11,105	2,720	7,495	890	.....	42	42	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	10,725	375	.....	241	200	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	6,080	80	.....	35	.....	.....	43
70	67	148	29	3	54	934	153	282	488	11	56	24	4	44
58	.....	.....	.....	.....	.....	.....	.....	264	264	.....	14	14	.....	45
20	.....	.....	.....	.....	.....	.....	.....	124	42	.....	16	14	2	46
20,849	20,713	63,245	8,086	450	98,190	204,781	30,835	58,083	115,095	768	29,509	22,000	1,775	47
20,144	.....	.....	.....	.....	.....	.....	.....	56,042	47,041	.....	21,442	21,442	.....	48
4,203	.....	.....	.....	.....	.....	.....	.....	51,835	2,756	.....	5,975	4,375	1,600	49
88	80	263	57	16	51	1,826	274	341	1,171	40	223	74	93	50
67	.....	.....	.....	.....	.....	.....	.....	322	475	.....	98	59	26	51
356	342	5,187	800	465	1,843	13,476	2,027	1,557	9,536	356	6,854	1,941	3,062	52
367	.....	.....	.....	.....	.....	.....	.....	1,613	3,878	.....	6,522	3,342	2,480	53
189	.....	.....	.....	.....	.....	.....	.....	1,148	1,672	.....	3,996	3,148	786	54
43	37	188	27	11	45	1,030	211	300	499	20	154	49	82	55
108	98	2,805	486	440	1,746	5,709	1,187	1,261	3,198	63	5,939	1,496	2,858	56
41	40	66	26	4	6	762	63	36	648	15	57	19	9	57
204	200	567	238	24	97	7,599	840	292	6,245	222	740	400	78	58
4	3	9	4	1	.....	34	.....	5	24	5	12	6	2	59
44	44	1,815	76	(7)	.....	168	.....	4	93	71	175	45	(7)	60
87	79	266	53	15	51	1,828	270	345	1,174	39	224	75	93	61
67	.....	.....	.....	.....	.....	.....	.....	329	496	.....	123	69	38	62
35	.....	.....	.....	.....	.....	.....	.....	155	147	.....	83	62	16	63
34,464	34,033	312,935	35,766	6,188	270,704	655,627	79,062	74,156	492,689	9,720	506,460	163,350	244,339	64
23,504	.....	.....	.....	.....	.....	.....	.....	66,550	261,573	.....	508,985	233,843	207,742	65
10,743	.....	.....	.....	.....	.....	.....	.....	40,265	92,604	.....	174,184	142,484	21,100	66
78	73	167	41	13	38	1,498	201	320	951	26	153	48	65	67
33,148	32,798	76,846	27,510	6,170	228,554	571,928	68,087	69,783	425,701	8,357	366,620	101,800	176,534	68
425	449	460	671	475	6,015	382	339	218	448	321	2,396	2,121	2,716	69
3	1	46	5	.....	13	111	18	15	77	1	32	13	17	70
776	(7)	64,961	7,590	.....	42,150	64,932	6,862	4,175	53,595	(7)	53,595	16,660	34,935	71
259	(7)	1,412	1,518	.....	3,242	585	381	278	696	(7)	1,675	1,282	2,055	72
3	3	3	4	1	.....	166	43	5	111	7	24	7	5	73
155	155	118	136	(7)	.....	11,174	3,324	33	7,567	250	997	380	182	74
52	52	39	34	(7)	.....	67	77	7	68	36	42	54	36	75
3	2	50	3	1	.....	53	8	5	35	5	15	7	6	76
385	(7)	171,010	530	(7)	.....	7,593	789	165	5,826	813	85,248	44,510	32,688	77
17	16	24	24	55	17	28	46	28	25	15	26	31	22	78
18	.....	.....	.....	.....	.....	.....	.....	26	30	.....	33	36	33	79
12	.....	.....	.....	.....	.....	.....	.....	24	34	.....	25	28	22	80
17	16	27	25	40	20	36	57	30	31	22	37	57	65	81
20	13	20	24	62	11	22	31	18	21	12	23	21	19	82

[6] Corresponding reservoir not reported.
[7] Total capacity of all reservoirs regardless of size.
[8] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION WORKS, 1940, 1930, AND 1920—Continued

[For the 17 western States and Arkansas and Louisiana]

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	PACIFIC OCEAN STREAMS (XI) (Exclusive of Gulf of California streams and Columbia and Klamath Rivers)						
		Streams north of the Columbia River (XI-A)	Streams between the Columbia and Klamath Rivers[1] (XI-B)	Streams between the Klamath River and San Francisco Bay (XI-C)	San Francisco Bay and tributaries other than Sacramento and San Joaquin Delta (XI-D)	Pacific Ocean streams south of San Francisco Bay (XI-E)		
						Total	Streams between San Francisco Bay and Santa Maria River (XI-Ea)	Santa Maria River and streams south (XI-Eb)
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1							
1	Enterprises.....1940..number.....	774	987	262	2,725	9,310	2,734	6,576
2	Average size of enterprise based on area works were capable of supplying with water.....1940..acres.....	53	86	42	60	121	80	138
3	Diversion dams.....1940..total number.....	74	432	16	47	281	140	141
4	1930..total number.....	.....	405	26	24	176	.....	.....
5	1920..total number.....	.....	335	21	26	204	.....	.....
6	(a) Concrete and masonry.....1940..number.....	2	42	6	25	85	28	57
7	(b) Timber.....1940..number.....	31	123	.....	4	18	14	4
8	(c) Earth and rock.....1940..number.....	23	182	7	10	145	79	66
9	(d) Other, mixed, and not reported..1940..number.....	18	85	3	8	33	19	14
10	Main canals and laterals.....1940..total length, miles.....	154.0	1,068.5	14.4	80.5	630.2	152.0	478.2
11	1930..total length, miles.....	.....	1,188	47	35	1,218	.....	.....
12	1920..total length, miles.....	.....	1,066	391	85	1,411	.....	.....
13	(a) Earth.....1940..length, miles.....	135	1,030	13	68	218	110	108
14	(b) Lined.....1940..length, miles.....	19.0	38.5	1.4	12.5	412.2	42.0	370.2
15	1940..capacity, c.f.s.[2].....	1,032	2,328	184	611	3,840	610	3,230
16	1930..capacity, c.f.s.[2].....	.....	1,813	59	317	3,195	.....	.....
17	1920..capacity, c.f.s.[2].....	.....	2,216	134	381	9,669	.....	.....
18	Pipe lines[3].....1940..total length, miles.....	308.6	118.6	67.0	892.5	13,046.0	1,408.2	11,637.8
19	1930..total length, miles.....	.....	16.3	60.5	422.5	8,699.6	.....	.....
20	1920..total length, miles.....	.....	23.7	33.3	264.6	4,186.4	.....	.....
21	(a) Concrete.....1940..length, miles.....	6.1	8.0	22.7	574.6	8,589.9	941.6	7,648.3
22	(b) Metal.....1940..length, miles.....	287.4	92.9	43.5	306.3	4,136.1	428.6	3,707.5
23	(c) Wood-stave.....1940..length, miles.....	14.0	17.0	0.7	8.4	107.0	18.6	88.4
24	(d) Other.....1940..length, miles.....	1.1	0.7	0.1	3.2	213.0	19.4	193.6
25	Storage dams.....1940..total number.....	17	45	5	21	246	70	176
26	1930..total number.....	.....	20	16	11	130	.....	.....
27	1920..total number.....	.....	26	15	9	93	.....	.....
28	(a) Concrete and masonry.....1940..number.....	5	10	2	3	67	14	53
29	(b) Earth and rock.....1940..number.....	6	23	2	14	164	50	114
30	(c) Other, mixed, and not reported..1940..number.....	6	12	1	4	15	6	9
31	Reservoirs.....1940..total number.....	21	43	10	63	1,012	208	804
32	(a) 1-99 acre-feet capacity.....1940..number.....	20	40	10	60	959	198	761
33	(b) 100-999 acre-feet capacity....1940..number.....	1	.....	.....	2	32	9	23
34	(c) 1,000 and over acre-feet capacity.....1940..total number.....	.....	3	.....	1	21	1	20
35	1940..total capacity, ac.-ft.[4]..	264	21,714	190	2,446	377,187	7,214	369,973
36	1930..total number.....	.....	16	6	43	579	.....	.....
37	1930..total capacity, ac.-ft.....	.....	45,948	207	8,217	271,997	.....	.....
38	Wells, flowing.....1940..number.....	7	4	.....	2	199	19	180
39	1930..number.....	.....	1	1	9	148	.....	.....
40	1920..number.....	.....	4	1	74	722	.....	.....
41	1940..yield, g.p.m.....	1,507	53	.....	(5)	18,635	2,410	16,225
42	1930..yield, g.p.m.....	.....	2	5	1,085	22,335	.....	.....
43	1920..yield, g.p.m.....	.....	10,000	.....	13,075	164,409	.....	.....
44	Wells, pumped.....1940..number.....	242	37	196	3,103	11,354	3,219	8,135
45	1930..number.....	.....	13	207	3,100	10,092	.....	.....
46	1920..number.....	.....	23	93	2,451	7,304	.....	.....
47	1940..yield, g.p.m.....	24,146	4,345	109,026	1,204,661	6,166,881	2,135,973	4,030,908
48	1930..yield, g.p.m.....	.....	6,292	91,092	1,068,327	5,526,095	.....	.....
49	1920..yield, g.p.m.....	.....	11,499	30,819	705,510	3,131,557	.....	.....
50	Pumping plants.....1940..total number.....	564	362	312	3,325	12,067	3,429	8,638
51	1930..total number.....	.....	91	295	3,114	9,292	.....	.....
52	Prime movers.....1940..capacity, hp.....	2,857	5,248	3,328	67,134	311,022	73,699	237,323
53	1930..capacity, hp.....	.....	4,817	2,841	61,205	253,519	.....	.....
54	1920..capacity, hp.....	.....	789	1,163	36,219	132,877	.....	.....
55	(a) Electric.....1940..number.....	449	172	151	2,944	9,649	2,845	6,804
56	1940..capacity, hp.....	1,704	1,491	1,699	59,573	244,429	63,943	180,486
57	(b) Internal-combustion.....1940..number.....	105	181	156	340	2,183	545	1,638
58	1940..capacity, hp.....	1,118	1,536	1,587	7,394	64,826	9,640	55,186
59	(c) Other.....1940..number.....	10	9	5	41	235	39	196
60	1940..capacity, hp.....	35	2,219	42	167	1,767	116	1,651
61	Pumps.....1940..total number.....	571	364	312	3,311	11,994	3,402	8,592
62	1930..number.....	.....	92	314	3,193	9,793	.....	.....
63	1920..number.....	.....	121	143	2,102	6,274	.....	.....
64	1940..capacity, g.p.m.....	79,743	194,352	192,322	1,359,663	6,804,216	2,267,067	4,537,149
65	1930..capacity, g.p.m.....	.....	99,809	171,166	1,212,738	5,867,238	.....	.....
66	1920..capacity, g.p.m.....	.....	41,852	56,454	862,987	3,770,476	.....	.....
67	(a) Centrifugal.....1940..number.....	390	306	269	443	2,475	809	1,666
68	1940..capacity, g.p.m.....	66,477	186,848	172,394	209,141	1,432,150	506,126	926,024
69	1940..average capacity, g.p.m..	170	611	641	472	579	626	556
70	(b) Turbine.....1940..number.....	18	7	35	2,641	7,918	2,364	5,554
71	1940..capacity, g.p.m.....	970	3,160	19,725	1,131,406	5,266,589	1,746,755	3,519,834
72	1940..average capacity, g.p.m..	54	451	564	428	665	739	634
73	(c) Plunger.....1940..number.....	137	40	7	194	1,485	214	1,271
74	1940..capacity, g.p.m.....	8,475	3,176	193	11,280	79,748	11,511	68,237
75	1940..average capacity, g.p.m..	62	79	28	58	54	54	54
76	(d) Other.....1940..number.....	26	11	1	33	116	15	101
77	1940..capacity, g.p.m.....	3,821	1,168	(5)	7,836	25,729	2,675	23,054
78	Pumping lift, from all sources.....1940..average, feet.....	26	22	30	96	78	64	84
79	1930..average, feet.....	.....	27	26	102	71	.....	.....
80	1920..average, feet.....	.....	28	22	55	58	.....	.....
81	from pumped wells.....1940..average, feet.....	32	24	33	100	79	67	84
82	from surface sources...1940..average, feet.....	22	22	27	46	54	40	75

[1] Data for 1 enterprise on the Illinois River in California are included.
[2] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[3] Includes siphons and farm pipe lines reported.
[4] Total capacity of all reservoirs regardless of size.
[5] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.

TABLE 19.—DRAINAGE BASIN—ENTERPRISES AND IRRIGATION WORKS, 1940, 1930, AND 1920—Continued

[For the 17 western States and Arkansas and Louisiana]

	ITEM (For definitions and explanations, see text. Major-basin totals from 1930 and 1920 Censuses include figures for unidentified tributary basins. A composite map index-number is shown in parentheses for each drainage basin)	SACRAMENTO-SAN JOAQUIN DELTA AND TRIBUTARY STREAMS (XII)							
				Sacramento River					
						Pit River			
		Total	Delta direct	Total[1]	Direct	Total	Direct	Goose Lake	Intrastate tributaries in California
		(XII)	(1)		(2)+(15)+(24)		(3)	(4)	
	ENTERPRISES AND IRRIGATION WORKS JANUARY 1								
1	Enterprises....1940..number	25,406	818	5,343	890	477	336	141	19,245
2	Average size of enterprise based on area works were capable of supplying with water....1940..acres	202	408	261	711	289	271	333	177
3	Diversion dams....1940..total number	1,497	3	1,229	24	631	453	178	265
4	1930..total number	781	.....	599	4	194	.....	.....	182
5	1920..total number	1,128	.....	859	6	322	.....	.....	269
6	(a) Concrete and masonry....1940..number	335	1	200	5	65	59	6	134
7	(b) Timber....1940..number	313	.....	283	5	178	113	65	30
8	(c) Earth and rock....1940..number	478	2	388	10	168	126	42	88
9	(d) Other, mixed, and not reported..1940..number	371	.....	358	4	220	155	65	13
10	Main canals and laterals....1940..total length, miles	15,202.8	476.8	4,877.8	1,520.2	574.9	430.2	144.7	9,848.2
11	1930..total length, miles	13,314	.....	4,817	1,436	372	.....	.....	8,497
12	1920..total length, miles	19,428	.....	6,529	1,278	808	.....	.....	12,899
13	(a) Earth....1940..length, miles	14,145	417	4,623	1,502	565	423	142	9,105
14	(b) Lined....1940..length, miles	1,057.8	59.8	254.8	18.2	9.9	7.2	2.7	743.2
15	1940..capacity, c.f.s.[2]	72,735	6,246	24,800	9,161	3,477	2,498	979	41,689
16	1930..capacity, c.f.s.[2]	64,374	.....	19,097	8,033	2,125	.....	.....	45,277
17	1920..capacity, c.f.s.[2]	79,142	.....	23,514	5,803	5,160	.....	.....	55,628
18	Pipe lines[3]....1940..total length, miles	7,437.1	192.9	1,075.1	156.7	17.8	15.6	2.2	6,169.1
19	1930..total length, miles	4,819.4	.....	796.1	75.5	1.6	.....	.....	4,023.3
20	1920..total length, miles	1,757.8	.....	361.2	61.2	2.9	.....	.....	1,396.6
21	(a) Concrete....1940..length, miles	6,487.8	146.6	635.4	104.4	1.2	1.2	.....	5,705.8
22	(b) Metal....1940..length, miles	766.6	39.0	320.6	36.8	9.6	7.4	2.2	407.0
23	(c) Wood-stave....1940..length, miles	131.0	4.9	81.6	3.9	6.8	6.8	.....	44.5
24	(d) Other....1940..length, miles	51.7	2.4	37.5	11.6	0.2	0.2	.....	11.8
25	Storage dams....1940..total number	358	1	166	6	75	61	14	191
26	1930..total number	218	.....	140	.....	32	.....	.....	78
27	1920..total number	285	.....	200	3	63	.....	.....	85
28	(a) Concrete and masonry....1940..number	47	.....	30	1	1	1	.....	17
29	(b) Earth and rock....1940..number	287	1	127	3	73	59	14	159
30	(c) Other, mixed, and not reported..1940..number	24	.....	9	2	1	1	.....	15
31	Reservoirs....1940..total number	1,310	2	201	11	83	66	17	1,107
32	(a) 1-99 acre-feet capacity....1940..number	1,188	2	105	10	32	24	8	1,081
33	(b) 100-999 acre-feet capacity....1940..number	42	.....	34	1	23	23	.....	8
34	(c) 1,000 and over acre-feet capacity....1940..number	80	.....	62	.....	28	19	9	18
35	1940..total capacity, ac.-ft.[4]	2,681,435	(5)	1,624,173	266	243,241	165,185	78,056	1,057,260
36	1930..total number	949	.....	176	3	40	.....	.....	773
37	1930..total capacity, ac.-ft.	2,100,255	.....	949,274	121	132,588	.....	.....	1,150,981
38	Wells, flowing....1940..number	47	.....	33	1	21	15	6	14
39	1930..number	72	.....	39	.....	14	.....	.....	33
40	1920..number	181	.....	36	.....	14	.....	.....	145
41	1940..yield, g.p.m.	3,403	.....	1,578	(5)	223	148	75	1,825
42	1930..yield, g.p.m.	14,400	.....	3,630	.....	1,185	.....	.....	10,770
43	1920..yield, g.p.m.	51,785	.....	2,957	.....	693	.....	.....	48,828
44	Wells, pumped....1940..number	32,418	349	5,409	869	29	23	6	26,660
45	1930..number	31,744	.....	5,450	147	4	.....	.....	26,294
46	1920..number	14,657	.....	3,508	514	4	.....	.....	11,149
47	1940..yield, g.p.m.	20,042,293	231,857	3,606,277	803,650	7,315	5,605	1,710	16,204,159
48	1930..yield, g.p.m.	16,730,369	.....	2,932,411	142,430	252	.....	.....	13,797,958
49	1920..yield, g.p.m.	6,384,882	.....	1,473,602	279,456	395	.....	.....	4,911,280
50	Pumping plants....1940..total number	34,882	1,154	6,087	1,207	90	83	7	27,641
51	1930..total number	32,490	.....	6,147	810	45	.....	.....	26,343
52	Prime movers....1940..capacity, hp	552,193	23,056	106,366	42,431	887	831	56	422,771
53	1930..capacity, hp	468,661	.....	104,346	38,297	449	.....	.....	364,315
54	1920..capacity, hp	201,074	.....	64,163	28,625	440	.....	.....	136,911
55	(a) Electric....1940..number	30,014	898	5,053	989	58	55	3	24,063
56	1940..capacity, hp	473,865	19,538	91,006	38,733	553	550	3	363,321
57	(b) Internal-combustion....1940..number	4,780	254	1,011	214	24	20	4	3,515
58	1940..capacity, hp	77,579	3,497	15,155	3,680	301	248	53	58,927
59	(c) Other....1940..number	88	2	23	4	8	8	.....	63
60	1940..capacity, hp	749	(5)	205	18	33	33	.....	523
61	Pumps....1940..total number	34,831	1,161	6,101	1,213	90	83	7	27,569
62	1930..number	33,129	.....	6,289	872	46	.....	.....	26,840
63	1920..number	14,849	.....	3,898	807	36	.....	.....	10,951
64	1940..capacity, g.p.m.	29,694,592	2,604,039	8,580,254	4,909,095	108,997	107,256	1,741	18,510,299
65	1930..capacity, g.p.m.	23,856,244	.....	8,309,204	4,996,652	46,760	.....	.....	15,547,040
66	1920..capacity, g.p.m.	11,584,371	.....	4,184,240	2,616,658	32,886	.....	.....	7,400,131
67	(a) Centrifugal....1940..number	15,189	900	3,279	710	58	53	5	11,010
68	1940..capacity, g.p.m.	15,552,893	2,091,141	5,724,260	3,815,666	74,246	73,311	935	7,737,492
69	1940..average capacity, g.p.m.	1,024	2,323	1,746	5,374	1,280	1,383	187	703
70	(b) Turbine....1940..number	18,312	233	2,703	473	19	18	1	15,376
71	1940..capacity, g.p.m.	13,494,822	464,710	2,403,618	671,138	34,520	33,720	(5)	10,626,494
72	1940..average capacity, g.p.m.	737	1,994	889	1,419	1,817	1,873	(5)	691
73	(c) Plunger....1940..number	1,188	11	70	9	11	10	1	1,107
74	1940..capacity, g.p.m.	97,693	327	5,025	266	121	115	(5)	92,341
75	1940..average capacity, g.p.m.	82	30	72	30	11	12	(5)	83
76	(d) Other....1940..number	142	17	49	21	2	2	.....	76
77	1940..capacity, g.p.m.	549,184	47,861	447,351	422,025	(5)	(5)	.....	53,972
78	Pumping lift, from all sources....1940..average, feet	42	18	36	31	18	17	24	44
79	1930..average, feet	42	.....	30	17	13	.....	.....	45
80	1920..average, feet	32	.....	26	24	18	.....	.....	34
81	from pumped wells....1940..average, feet	43	31	38	35	29	31	24	44
82	from surface sources...1940..average, feet	20	11	23	20	13	13	22	26

[1] Data for the intrastate tributaries of the Sacramento River are not shown separately but are included in the Sacramento River total.
[2] Total capacity (not necessarily capacities of canals) of heading structures (including pumping plants) for diverting water from natural surface sources.
[3] Includes siphons and farm pipe lines reported.
[4] Total capacity of all reservoirs regardless of size.
[5] Data are included only in totals because less than 3 enterprises reported in the 1940 Census.