

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Total, 30 States.....	29,777	11,083,788	1,865,178	16.8	15,480	1,727	4,822	4,360	985	5,044	15,252	32,948
Wells and combinations of wells with other sources.....	11,260	5,713,083	1,346,599	23.6	5,600	865	3,847	1,079	298	1,473	2,623	6,080
Wells only.....	9,214	3,669,112	873,809	23.8	4,136	658	3,073	752	281	1,394	1,294	2,776
Wells and streams only.....	534	548,808	135,934	24.8	378	54	208	117	2	20	228	563
Wells and springs only.....	287	84,337	19,217	22.8	211	19	86	32	2	14	282	600
Wells and runoff only.....	278	198,814	54,761	27.5	186	20	136	38	...	15	272	519
Wells and lakes only.....	307	292,075	56,951	19.5	239	48	80	44	3	12	149	531
Wells and drainage ditches only.....	272	315,372	65,208	20.7	180	32	92	52	10	12	111	273
Wells and municipal water only.....	42	6,097	1,882	30.9	12	3	29	2	...	...	14	37
Wells and irrigation organizations only.....	20	7,184	4,914	68.4	11	3	15	2	...	...	5	7
Wells in combination with other sources.....	306	591,284	133,923	22.6	247	28	128	40	...	6	268	774
Streams and combinations of streams with other sources (except wells).....	6,769	2,488,152	224,271	9.0	3,852	321	459	1,068	113	1,323	3,290	7,889
Streams only.....	5,033	1,613,852	144,672	9.0	2,642	200	346	747	77	1,218	1,674	3,335
Streams and springs only.....	601	211,845	22,169	10.5	432	37	34	82	21	45	584	1,515
Streams and runoff only.....	512	274,307	18,867	6.9	347	27	27	122	3	26	507	1,357
Streams and lakes only.....	292	136,760	12,653	9.3	197	27	18	61	1	21	236	645
Streams and drainage ditches only.....	62	32,254	6,501	20.2	31	7	3	15	6	6	44	107
Streams and municipal water only.....	33	5,887	1,216	20.7	24	2	7	1	2	2	15	22
Streams and irrigation organizations only.....	1	180	16	8.9	...	...	...	1	...	...	1	3
Streams in combination with other sources.....	235	213,067	18,177	8.5	179	21	24	39	3	5	229	905
Springs and combinations of springs with other sources (except wells and streams).....	4,537	1,032,534	72,222	7.0	2,591	162	208	802	60	843	4,355	8,563
Springs only.....	3,269	651,486	46,173	7.1	1,815	106	160	536	45	683	3,115	5,570
Springs and runoff only.....	949	245,895	15,325	6.2	553	41	25	210	5	146	932	2,288
Springs and lakes only.....	115	81,405	4,676	5.7	77	5	7	22	3	7	108	248
Springs and drainage ditches only.....	107	30,894	2,957	9.6	78	5	3	21	3	3	106	196
Springs and irrigation organizations only.....	28	4,629	656	14.2	17	3	6	2	1	1	27	68
Springs in combination with other sources.....	69	18,225	2,435	13.4	51	2	7	11	3	3	67	193
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	3,036	719,119	46,705	6.5	1,488	114	98	766	19	648	2,901	6,051
Farm runoff only.....	2,868	651,508	38,216	5.9	1,385	107	82	732	14	635	2,739	5,642
Farm runoff and lakes only.....	95	38,956	2,406	6.2	60	4	4	20	1	10	92	232
Farm runoff and drainage ditches only.....	58	25,561	5,588	21.9	32	3	9	14	4	2	56	147
Farm runoff and municipal water only.....	12	2,747	450	16.4	8	...	3	...	...	1	12	26
Farm runoff in combination with other sources.....	3	347	45	13.0	3	...	...	...	...	...	2	4
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	3,024	813,133	78,399	9.6	1,639	177	122	566	15	605	1,832	3,904
Lakes only.....	2,972	793,357	73,640	9.3	1,605	176	112	558	13	604	1,793	3,813
Lakes and drainage ditches only.....	27	11,623	1,139	9.8	20	...	...	7	1	...	22	58
Lakes and municipal water only.....	20	1,077	402	37.3	9	...	10	1	1	1	14	27
Lakes and irrigation organizations only.....	3	6,740	3,168	47.0	3	1	...	...	...	...	1	4
Lakes in combination with other sources.....	2	336	50	14.9	2	...	...	...	...	...	2	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	411	214,753	71,198	33.2	224	70	30	65	23	32	162	303
Drainage ditches only.....	400	212,402	69,166	32.6	217	67	27	65	23	32	158	297
Drainage ditches and municipal water only.....	3	48	16	33.3	1	...	3	...	...	...	1	1
Drainage ditches and irrigation organizations only.....	7	2,272	1,991	87.6	5	3	...	...	...	...	2	2
Drainage ditches in combination with other sources.....	1	31	25	80.6	1	...	...	...	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	619	46,658	4,275	9.2	21	...	36	4	447	113	48	85
Municipal water only.....	616	46,559	4,233	9.1	20	...	34	4	447	113	46	82
Municipal water and irrigation organizations only.....	1	27	5	18.5	...	...	1	...	...	...	...	...
Municipal water in combination with other sources.....	2	72	37	51.4	1	...	1	...	...	...	2	3
Irrigation districts and irrigation districts in combination with other sources.....	72	28,665	18,585	64.8	34	14	11	8	9	5	10	21
Irrigation organizations only.....	72	28,665	18,585	64.8	34	14	11	8	9	5	10	21
Irrigation districts and other.....	...	...	...	...	...	...	...	...	...	...	...	...
Other sources.....	49	27,691	2,924	10.6	31	4	11	2	1	2	31	52

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Maine.....	104	23,989	2,438	10.2	76	3	6	9	9	6	81	172
Wells and combinations of wells with other sources.....	6	1,584	310	19.6	3	1	2	...	...	1	5	13
Wells only.....	2	432	6	1.4	1	...	...	...	...	1	1	1
Wells and springs only.....	1	40	20	50.0	1	...	...	...	...	...	1	4
Wells and municipal water only.....	1	150	50	33.3	1	...	...	...	...	...	1	4
Wells in combination with other sources.....	2	962	234	24.3	...	1	2	...	...	...	2	4
Streams and combinations of streams with other sources (except wells).....	40	13,891	1,474	10.6	31	1	2	4	1	3	26	57
Streams only.....	27	9,250	657	7.1	18	1	2	2	1	3	13	21
Streams and springs only.....	3	285	86	30.2	3	...	...	1	...	...	3	8
Streams and runoff only.....	1	400	10	2.5	1	...	...	...	...	...	1	1
Streams and lakes only.....	2	2,176	91	4.2	2	...	...	...	...	...	2	4
Streams and drainage ditches only.....	2	640	70	10.9	2	...	...	1	...	...	2	2
Streams and municipal water only.....	1	60	10	16.7	1	...	...	...	...	...	1	1
Streams in combination with other sources.....	4	1,080	550	50.9	4	...	...	...	...	...	4	20
Springs and combinations of springs with other sources (except wells and streams).....	31	4,660	464	10.0	25	1	1	5	...	1	30	70
Springs only.....	15	1,417	104	7.3	10	...	1	3	...	1	14	22
Springs and runoff only.....	10	1,889	90	4.8	10	...	...	...	...	...	10	17
Springs and drainage ditches only.....	1	54	10	18.5	1	...	...	...	...	...	1	3
Springs and municipal water only.....	2	805	120	14.9	2	1	...	...	...	...	2	16
Springs in combination with other sources.....	3	495	140	28.3	2	...	...	2	...	...	3	12
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	12	2,672	141	5.3	10	...	1	...	1	...	11	21
Farm runoff only.....	9	1,410	87	6.2	8	...	1	...	...	...	9	19
Farm runoff and lakes only.....	2	1,222	44	3.6	2	...	...	...	...	...	2	2
Farm runoff and drainage ditches only.....	1	40	10	25.0	...	...	...	...	1	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	4	830	18	2.2	4	...	...	...	...	...	4	4
Lakes only.....	4	830	18	2.2	4	...	...	...	...	...	4	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	3	136	6	4.4	3	...	...	...	...	...	3	5
Drainage ditches only.....	3	136	6	4.4	3	...	...	...	...	...	3	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	7	202	24	11.9	...	...	...	...	7	...	2	2
Municipal water only.....	7	202	24	11.9	...	...	...	...	7	...	2	2
Irrigation districts and irrigation districts in combination with other sources.....	1	14	1	7.1	...	...	...	...	...	1	...	...
Irrigation organizations only.....	1	14	1	7.1	...	...	...	...	...	1	...	...
New Hampshire.....	70	10,811	1,129	10.4	46	2	11	3	8	4	41	72
Wells and combinations of wells with other sources.....	7	471	33	7.0	2	...	7	...	...	...	5	10
Wells only.....	6	171	29	17.0	1	...	6	...	...	...	4	6
Wells and lakes only.....	1	300	4	1.3	1	...	1	...	...	...	1	4
Streams and combinations of streams with other sources (except wells).....	31	6,847	838	12.2	27	1	2	1	...	2	14	24
Streams only.....	23	4,261	350	8.2	20	...	1	...	...	2	7	10
Streams and springs only.....	5	1,379	216	15.7	4	...	1	1	...	...	5	10
Streams and runoff only.....	1	110	30	27.3	1	...	...	...	...	...	1	1
Streams and lakes only.....	1	280	40	14.3	1	...	...	...	...	...	...	...
Streams and drainage ditches only.....	1	817	202	24.7	1	1	...	...	...	...	1	3
Springs and combinations of springs with other sources (except wells and streams).....	17	1,668	162	9.7	13	1	1	1	...	1	16	28
Springs only.....	13	1,101	85	7.7	9	1	1	1	...	1	12	20
Springs and runoff only.....	3	407	57	14.0	3	...	...	...	...	...	3	7
Springs in combination with other sources.....	1	160	20	12.5	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	5	1,197	20	1.7	3	...	1	1	...	...	5	9
Farm runoff only.....	4	1,157	17	1.5	3	...	...	1	...	...	4	8
Farm runoff and municipal water only.....	1	40	3	7.5	...	...	1	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	1	250	15	6.0	1	...	...	...	...	...	...	...
Lakes only.....	1	250	15	6.0	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes).....	9	378	61	16.1	...	...	...	...	8	1	1	1
Municipal water only.....	9	378	61	16.1	...	...	...	...	8	1	1	1
Vermont.....	13	5,331	998	11.2	7	2	...	1	3	2	7	12
Streams and combinations of streams with other sources.....	11	4,986	468	9.4	7	2	...	1	1	2	6	10
Streams only.....	10	3,710	418	11.3	7	1	...	1	1	2	5	8
Streams and lakes only.....	1	1,276	50	3.9	...	1	...	...	...	...	1	2
Springs and combinations of springs with other sources (except streams).....	1	200	100	50.0	...	...	...	...	1	...	1	2
Springs only.....	1	200	100	50.0	...	...	...	...	1	...	1	2
Municipal water and municipal water in combination with other sources (except streams and springs).....	1	145	30	20.7	...	...	...	...	1	...	...	...
Municipal water only.....	1	145	30	20.7	...	...	...	...	1	...	...	...

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State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Massachusetts.....	958	114,198	17,841	15.6	410	8	84	20	160	332	408	865
Wells and combinations of wells with other sources.....	144	9,343	1,816	19.4	38	1	24	...	3	89	23	51
Wells only.....	111	6,753	983	14.6	12	...	10	...	2	88	4	4
Wells and streams only.....	4	705	118	16.7	3	1	...	...	1	...	2	14
Wells and springs only.....	12	765	225	29.4	8	...	9	...	...	1	11	16
Wells and runoff only.....	2	78	12	15.4	2	...	...	...	...	...	1	2
Wells and lakes only.....	4	195	48	24.6	4	...	...	...	...	...	...	...
Wells and drainage ditches only.....	2	185	62	33.5	2	...	1	...	...	...	1	4
Wells and municipal water only.....	4	62	28	45.2	2	...	3	...	...	...	1	1
Wells in combination with other sources.....	5	600	340	56.7	5	...	1	...	...	...	3	10
Streams and combinations of streams with other sources (except wells).....	417	68,225	10,207	15.0	162	4	32	7	48	193	150	422
Streams only.....	304	23,444	3,709	15.8	77	1	14	2	29	189	63	117
Streams and springs only.....	48	10,637	1,726	16.2	29	...	4	1	16	1	42	103
Streams and runoff only.....	5	384	83	21.6	4	...	...	1	...	...	4	9
Streams and lakes only.....	19	2,494	839	33.6	17	1	7	...	1	1	10	35
Streams and drainage ditches only.....	5	614	366	59.6	3	...	1	...	1	1	3	9
Streams and municipal water only.....	8	636	393	61.8	7	1	...	...	...	...	3	3
Streams in combination with other sources.....	28	30,016	3,091	10.3	25	1	6	3	1	1	25	146
Springs and combinations of springs with other sources (except wells and streams).....	194	19,640	2,913	14.8	122	...	9	10	38	22	164	269
Springs only.....	128	9,762	1,258	12.9	75	...	3	6	28	18	105	161
Springs and runoff only.....	12	1,198	167	13.9	7	...	...	1	4	...	12	18
Springs and lakes only.....	18	3,837	474	12.4	14	...	3	1	2	...	12	19
Springs and drainage ditches only.....	10	577	160	27.7	6	...	1	...	2	1	10	21
Springs and municipal water only.....	12	1,375	331	24.1	10	...	...	1	...	1	12	25
Springs in combination with other sources.....	14	2,891	523	18.1	10	...	2	1	2	2	13	25
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	23	3,008	443	14.7	12	...	1	1	5	4	19	25
Farm runoff only.....	16	739	188	25.4	9	...	...	1	3	3	12	16
Farm runoff and lakes only.....	5	2,147	227	10.6	3	...	...	...	1	1	5	7
Farm runoff and drainage ditches only.....	2	122	28	23.0	...	...	1	...	1	...	2	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	91	5,547	1,425	25.7	68	2	15	1	6	6	39	71
Lakes only.....	82	5,055	1,184	23.4	59	2	14	1	6	6	35	63
Lakes and drainage ditches only.....	4	234	90	38.5	4	...	...	...	...	...	2	5
Lakes and municipal water only.....	5	258	151	58.5	5	...	1	...	...	...	2	3
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	13	3,172	344	10.8	6	1	2	...	4	2	5	13
Drainage ditches only.....	13	3,172	344	10.8	6	1	2	...	4	2	5	13
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	76	5,263	693	13.2	2	...	1	1	56	16	8	14
Municipal water only.....	76	5,263	693	13.2	2	...	1	1	56	16	8	14
Rhode Island.....	26	4,066	305	7.5	15	...	4	3	4	1	16	22
Wells and combinations of wells with other sources.....	2	230	9	3.9	...	...	2	...	...	...	1	2
Wells only.....	1	50	1	2.0	...	...	1	...	...	...	...	...
Wells and streams only.....	1	180	8	4.4	...	...	1	...	...	...	1	2
Streams and combinations of streams with other sources (except wells).....	7	467	94	20.1	6	...	1	1	...	...	2	2
Streams only.....	4	340	34	10.0	3	...	1	1	...	...	...	...
Streams and springs only.....	2	102	35	34.3	2	...	...	...	...	...	2	2
Streams and municipal water only.....	1	25	25	100.0	1	...	...	...	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams).....	10	352	96	27.3	7	...	...	2	...	1	10	12
Springs only.....	10	352	96	27.3	7	...	...	2	...	1	10	12
Lakes and lakes in combination with other sources (except wells, streams, and springs).....	1	51	25	49.0	1	...	...	...	...	...	1	1
Lakes only.....	1	51	25	49.0	1	...	...	...	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, and lakes).....	5	2,933	61	2.1	...	...	1	...	4	...	1	2
Municipal water only.....	5	2,933	61	2.1	...	...	1	...	4	...	1	2
Other sources.....	1	33	20	60.6	1	...	...	...	...	...	1	3
Connecticut.....	173	28,181	4,393	15.6	118	3	24	7	7	22	117	241
Wells and combinations of wells with other sources.....	24	1,507	374	24.8	9	1	13	1	...	5	11	22
Wells only.....	15	514	95	18.5	2	...	8	1	...	5	4	4
Wells and streams only.....	1	320	150	46.9	1	...	...	...	...	...	1	5
Wells and springs only.....	3	544	91	16.7	3	1	1	...	...	...	3	9
Wells and runoff only.....	1	20	10	50.0	1	...	1	...	...	...	1	2
Wells and lakes only.....	1	20	20	100.0	1	...	1	...	...	...	1	1
Wells and municipal water only.....	2	11	4	36.4	...	...	2	...	...	...	...	...
Wells in combination with other sources.....	1	78	4	5.1	1	...	...	...	...	...	1	1

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			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Connecticut—Continued												
Streams and combinations of streams with other sources (except wells).....	90	18,749	3,044	16.2	70	1	7	5	...	9	58	132
Streams only.....	65	12,055	1,262	10.5	47	...	6	4	...	8	35	62
Streams and springs only.....	10	1,559	241	15.5	10	...	...	...	...	...	10	26
Streams and runoff only.....	1	90	30	33.3	1	...	...	...	...	...	1	4
Streams and lakes only.....	3	447	191	42.7	3	...	...	...	...	...	3	8
Streams and municipal water only.....	3	691	198	28.7	2	...	...	...	...	1	1	2
Streams in combination with other sources.....	8	3,907	1,122	28.7	7	1	1	1	...	...	8	30
Springs and combinations of springs with other sources (except wells and streams).....	37	4,051	742	18.3	29	1	3	...	...	5	35	62
Springs only.....	32	3,737	590	15.8	24	1	3	...	...	5	30	54
Springs and runoff only.....	3	167	50	29.9	3	...	...	...	...	...	3	5
Springs and lakes only.....	1	72	62	86.1	1	...	...	...	...	...	1	2
Springs and municipal water only.....	1	75	40	53.3	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	5	554	23	4.2	3	...	...	1	...	1	5	8
Farm runoff only.....	5	554	23	4.2	3	...	...	1	...	1	5	8
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	7	2,015	106	5.3	6	...	...	...	...	1	6	14
Lakes only.....	7	2,015	106	5.3	6	...	...	...	...	1	6	14
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes).....	10	1,305	104	8.0	1	...	1	...	7	1	2	3
Municipal water only.....	10	1,305	104	8.0	1	...	1	...	7	1	2	3
New York.....	1,217	186,735	50,541	27.1	694	183	172	40	86	145	428	827
Wells and combinations of wells with other sources.....	597	61,233	33,524	54.7	306	170	130	5	...	65	118	268
Wells only.....	512	48,058	27,924	58.1	236	155	107	3	...	64	57	128
Wells and streams only.....	14	2,543	730	28.7	11	...	6	1	...	...	9	16
Wells and springs only.....	25	3,540	1,628	46.0	23	4	6	1	...	...	25	47
Wells and runoff only.....	3	691	234	33.9	3	...	1	...	...	...	3	8
Wells and lakes only.....	19	3,010	1,925	64.0	17	9	1	...	...	...	11	32
Wells and drainage ditches only.....	3	197	65	33.0	3	...	...	...	...	...	1	1
Wells and municipal water only.....	6	211	166	78.7	1	1	4	...	...	...	...	...
Wells and irrigation organizations only.....	2	357	253	70.9	2	1	...	...	...	...	...	...
Wells in combination with other sources.....	13	2,626	599	22.8	10	...	5	...	...	1	12	36
Streams and combinations of streams with other sources (except wells).....	266	75,487	9,863	13.1	195	7	20	26	...	36	112	205
Streams only.....	194	47,017	5,937	12.6	132	5	12	19	...	34	44	64
Streams and springs only.....	37	15,361	2,070	13.5	33	1	4	3	...	1	36	68
Streams and runoff only.....	11	5,730	521	9.1	9	1	1	1	...	...	11	20
Streams and lakes only.....	10	3,653	587	16.1	8	...	1	2	...	...	8	16
Streams and drainage ditches only.....	2	271	55	20.3	2	...	...	...	...	...	2	4
Streams and municipal water only.....	2	205	22	10.7	1	...	...	...	...	1	1	1
Streams in combination with other sources.....	10	3,250	671	20.6	10	...	2	1	...	...	10	32
Springs and combinations of springs with other sources (except wells and streams).....	119	24,419	2,945	12.1	96	2	13	3	2	7	116	215
Springs only.....	93	18,894	2,190	11.6	74	1	11	3	...	6	91	158
Springs and runoff only.....	15	3,319	204	6.1	13	...	2	...	...	1	14	29
Springs and lakes only.....	3	633	129	20.4	2	...	...	...	1	...	3	7
Springs and drainage ditches only.....	3	229	42	18.3	3	...	...	...	...	...	3	4
Springs and municipal water only.....	1	50	20	40.0	1	...	...	...	...	...	1	2
Springs in combination with other sources.....	4	1,294	360	27.8	3	1	...	...	1	...	4	15
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	43	7,049	767	10.9	33	1	3	3	2	2	41	75
Farm runoff only.....	39	6,617	595	9.0	30	1	3	2	2	2	37	70
Farm runoff and lakes only.....	2	299	65	21.7	1	...	...	1	...	...	2	3
Farm runoff and drainage ditches only.....	1	34	8	23.5	1	...	...	...	...	...	1	1
Farm runoff and municipal water only.....	1	99	99	100.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	31	4,248	628	14.8	29	2	...	...	...	...	21	33
Lakes only.....	28	3,990	575	14.4	26	2	...	...	...	...	19	27
Lakes and drainage ditches only.....	2	158	33	20.9	2	...	...	...	...	...	2	6
Lakes and municipal water only.....	1	100	20	20.0	1	...	...	...	...	...	...	...
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	16	1,554	228	14.7	14	...	...	1	1	...	7	9
Drainage ditches only.....	16	1,554	228	14.7	14	...	...	1	1	...	7	9
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	123	6,512	1,242	19.1	4	...	4	1	81	34	4	6
Municipal water only.....	122	6,485	1,237	19.1	4	...	3	1	81	34	4	6
Municipal water and irrigation organizations only.....	1	27	5	18.5	...	...	1	...	...	...	...	...
Irrigation districts and irrigation districts in combination with other sources.....	1	70	40	57.1	...	...	1	...	...	...	...	...
Irrigation organizations only.....	1	70	40	57.1	...	...	1	...	...	...	...	...
Other sources.....	21	6,163	1,304	21.2	17	1	1	1	...	1	9	16

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
New Jersey.....	1,632	244,249	69,301	28.4	1,114	61	275	67	65	180	828	1,538
Wells and combinations of wells with other sources.....	750	95,201	36,726	38.6	500	27	231	16	...	69	253	535
Wells only.....	564	38,598	13,596	35.2	333	14	183	12	...	63	92	126
Wells and streams only.....	50	8,497	4,351	51.2	42	6	14	2	...	2	33	64
Wells and springs only.....	61	11,363	4,686	41.2	58	5	11	1	...	2	61	176
Wells and runoff only.....	7	628	415	66.1	6	...	2	...	...	1	6	9
Wells and lakes only.....	19	4,253	1,906	44.8	18	...	5	1	...	...	18	35
Wells and drainage ditches only.....	9	1,446	627	43.4	9	...	2	...	...	...	7	19
Wells and municipal water only.....	4	356	90	25.3	3	...	2	...	...	...	2	3
Wells in combination with other sources.....	36	30,060	11,055	36.8	31	2	12	...	...	1	34	103
Streams and combinations of streams with other sources (except wells).....	498	108,756	22,452	20.6	345	19	26	31	9	91	274	551
Streams only.....	380	78,309	14,390	18.4	255	9	23	17	5	86	159	261
Streams and springs only.....	73	16,188	4,383	27.1	60	5	2	6	1	3	72	185
Streams and runoff only.....	12	2,918	723	24.8	10	1	...	3	...	...	12	19
Streams and lakes only.....	8	2,428	385	15.9	4	...	1	2	...	1	8	20
Streams and drainage ditches only.....	4	976	362	37.1	2	...	...	...	2	...	4	9
Streams and municipal water only.....	2	263	106	40.3	...	1	...	...	1	...	1	1
Streams in combination with other sources.....	19	7,674	2,103	27.4	14	3	...	3	...	1	18	56
Springs and combinations of springs with other sources (except wells and streams).....	244	30,869	7,798	25.3	198	10	13	18	1	12	238	361
Springs only.....	203	24,709	6,199	25.1	164	7	11	14	1	12	197	297
Springs and runoff only.....	22	3,615	1,080	29.9	16	2	1	4	...	...	22	35
Springs and lakes only.....	3	529	130	24.6	3	...	1	...	...	...	3	8
Springs and drainage ditches only.....	10	1,179	234	19.8	10	...	...	...	...	...	10	14
Springs and municipal water only.....	1	12	10	83.3	...	1	...	...	...	...	1	1
Springs in combination with other sources.....	5	825	145	17.6	5	...	...	...	...	...	5	6
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	10	907	259	28.6	8	...	2	...	...	...	10	13
Farm runoff only.....	7	615	211	34.3	6	...	1	...	...	...	7	9
Farm runoff and lakes only.....	1	102	2	2.0	...	...	1	...	...	...	1	1
Farm runoff and drainage ditches only.....	2	190	46	24.2	2	...	...	...	...	...	2	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	53	6,518	1,628	25.0	49	4	1	1	...	2	46	71
Lakes only.....	51	5,278	1,538	29.1	47	4	...	1	...	2	44	69
Lakes and drainage ditches only.....	1	1,185	35	3.0	1	...	...	...	...	...	1	1
Lakes and municipal water only.....	1	55	55	100.0	1	...	1	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	9	548	113	20.6	9	1	...	...	...	...	5	5
Drainage ditches only.....	9	548	113	20.6	9	1	...	...	...	...	5	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	67	1,443	318	22.0	4	...	2	1	55	6	1	1
Municipal water only.....	67	1,443	318	22.0	4	...	2	1	55	6	1	1
Other sources.....	1	7	7	100.0	1	...	...	...	...	...	1	1
Pennsylvania.....	449	117,100	7,570	6.5	243	15	116	41	25	38	246	397
Wells and combinations of wells with other sources.....	102	10,688	1,049	9.8	33	1	67	7	...	9	44	61
Wells only.....	67	4,462	404	9.1	13	...	48	2	...	8	17	22
Wells and streams only.....	13	2,849	254	8.9	9	1	8	1	...	1	6	7
Wells and springs only.....	11	2,293	225	9.8	5	...	5	3	...	...	11	17
Wells and runoff only.....	2	348	51	14.7	1	...	...	1	...	...	2	5
Wells and lakes only.....	2	61	10	16.4	1	...	1	...	...	...	2	2
Wells and municipal water only.....	2	12	8	66.7	...	...	2	...	...	...	1	1
Wells in combination with other sources.....	5	663	97	14.6	4	...	3	...	...	...	5	7
Streams and combinations of streams with other sources (except wells).....	198	73,566	4,625	6.3	145	9	17	26	...	12	94	168
Streams only.....	155	55,254	2,947	5.3	108	7	12	21	...	11	57	95
Streams and springs only.....	20	11,084	608	5.5	18	...	3	2	...	...	19	34
Streams and runoff only.....	7	3,457	630	18.2	6	1	1	2	...	...	7	14
Streams and lakes only.....	7	1,214	145	11.9	5	...	...	1	...	1	4	9
Streams and drainage ditches only.....	1	44	4	9.1	1	...	...	...	...	...	...	...
Streams and municipal water only.....	1	125	30	24.0	1	...	1	...	...	...	...	...
Streams in combination with other sources.....	7	2,388	261	10.9	6	1	...	...	...	...	7	16
Springs and combinations of springs with other sources (except wells and streams).....	92	23,738	1,318	5.6	50	5	25	7	1	7	87	141
Springs only.....	76	21,346	844	4.0	36	5	24	6	1	7	71	113
Springs and runoff only.....	13	2,156	398	18.5	11	...	1	1	...	...	13	18
Springs and lakes only.....	1	69	14	20.3	1	...	...	...	...	...	1	1
Springs and drainage ditches only.....	1	118	55	46.6	1	...	...	...	...	...	1	3
Springs in combination with other sources.....	1	49	7	14.3	1	...	...	...	...	...	1	6
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	9	1,364	96	7.0	7	...	2	...	...	...	9	13
Farm runoff only.....	9	1,364	96	7.0	7	...	2	...	...	...	9	13
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	11	1,213	208	17.1	6	...	1	1	1	2	7	9
Lakes only.....	10	1,013	118	11.6	6	...	1	1	...	2	6	8
Lakes and municipal water only.....	1	200	90	45.0	...	...	...	...	1	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes).....	35	4,879	222	4.6	2	...	2	...	23	8	3	3
Municipal water only.....	35	4,879	222	4.6	2	...	2	...	23	8	3	3
Other sources.....	2	1,652	52	3.1	...	...	2	...	...	...	2	2

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Ohio.....	450	62,579	9,153	14.6	192	6	176	26	40	39	211	324
Wells and combinations of wells with other sources.....	178	26,461	4,440	16.8	67	3	103	9	...	14	65	95
Wells only.....	134	20,051	2,210	11.0	43	3	77	5	...	13	30	35
Wells and streams only.....	12	2,037	689	33.8	7	...	8	1	...	...	5	11
Wells and springs only.....	8	1,059	240	22.7	3	...	3	2	...	1	8	12
Wells and runoff only.....	5	126	30	23.8	3	...	3	...	...	...	5	6
Wells and lakes only.....	6	475	164	34.5	3	...	3	1	...	...	6	14
Wells and drainage ditches only.....	5	998	342	34.3	4	...	3	...	...	...	4	6
Wells and municipal water only.....	1	22	16	72.7	...	...	1	...	...	...	1	1
Wells in combination with other sources.....	7	1,693	749	44.2	4	...	5	...	...	...	6	10
Streams and combinations of streams with other sources (except wells).....	108	20,425	3,124	15.3	73	1	20	12	...	10	42	68
Streams only.....	87	15,255	2,216	14.5	56	1	14	10	...	9	22	25
Streams and springs only.....	7	1,243	203	16.3	5	...	1	1	...	1	7	18
Streams and runoff only.....	5	891	166	18.6	5	...	2	...	...	...	5	9
Streams and lakes only.....	2	1,359	52	3.8	1	...	1	1	...	...	2	4
Streams and drainage ditches only.....	2	759	160	21.1	2	...	...	...	...	...	1	4
Streams and municipal water only.....	2	34	12	35.3	1	...	1	...	...	...	2	2
Streams in combination with other sources.....	3	884	315	35.6	3	...	1	...	...	...	3	6
Springs and combinations of springs with other sources (except wells and streams).....	58	9,255	936	10.1	26	2	19	3	...	8	53	86
Springs only.....	40	7,535	775	10.3	15	2	14	1	...	8	35	54
Springs and runoff only.....	13	1,443	141	9.8	10	...	2	1	...	...	13	24
Springs and drainage ditches only.....	2	107	6	5.6	...	...	1	1	...	...	2	3
Springs and municipal water only.....	2	155	10	6.5	1	...	1	...	...	...	2	4
Springs in combination with other sources.....	1	15	4	26.7	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	29	3,605	327	9.1	17	...	10	2	...	3	28	45
Farm runoff only.....	25	3,433	288	8.4	15	...	8	1	...	3	24	40
Farm runoff and lakes only.....	3	143	27	18.9	2	...	1	1	...	...	3	4
Farm runoff and municipal water only.....	1	29	12	41.4	...	...	1	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	11	1,334	103	7.7	5	...	6	...	...	...	9	13
Lakes only.....	10	1,326	101	7.6	5	...	5	...	...	...	8	12
Lakes and municipal water only.....	1	8	2	25.0	...	...	1	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	4	238	27	11.3	3	...	...	...	...	1	2	2
Drainage ditches only.....	4	238	27	11.3	3	...	...	...	...	1	2	2
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	61	1,255	195	15.5	1	...	17	...	40	3	11	14
Municipal water only.....	60	1,235	188	15.2	1	...	16	...	40	3	10	13
Municipal water in combination with other sources.....	1	20	7	35.0	...	...	1	...	...	...	1	1
Other sources.....	1	6	1	16.7	...	...	1	...	...	...	1	1
Indiana.....	330	96,044	13,429	14.0	167	24	95	41	6	19	115	214
Wells and combinations of wells with other sources.....	155	41,545	6,617	15.9	62	8	83	10	...	6	24	44
Wells only.....	136	25,986	3,013	11.6	46	6	78	7	...	6	12	15
Wells and streams only.....	5	2,500	407	16.3	3	1	1	1	...	...	2	2
Wells and springs only.....	3	1,115	38	3.4	2	...	1	1	...	...	3	3
Wells and runoff only.....	3	448	155	34.6	3	...	1	...	...	...	3	9
Wells and lakes only.....	1	1,190	300	25.2	1	...	...	...	...	...	1	5
Wells and drainage ditches only.....	5	4,426	384	8.7	5	1	1	1	...	...	2	2
Wells in combination with other sources.....	2	5,880	2,320	39.5	2	...	1	...	...	...	1	8
Streams and combinations of streams with other sources (except wells).....	78	25,704	3,358	13.1	53	9	4	10	...	6	27	49
Streams only.....	60	19,176	2,299	12.0	38	8	3	8	...	5	12	26
Streams and springs only.....	8	2,252	338	15.0	8	...	...	1	...	...	8	12
Streams and runoff only.....	1	510	234	45.9	1	...	...	...	...	...	1	1
Streams and lakes only.....	3	841	164	19.5	2	1	...	...	...	...	3	4
Streams and drainage ditches only.....	4	1,230	98	8.0	3	...	...	...	...	1	1	4
Streams in combination with other sources.....	2	1,695	225	13.3	1	...	1	1	...	...	2	2
Springs and combinations of springs with other sources (except wells and streams).....	24	5,360	414	7.7	10	3	6	6	...	...	22	37
Springs only.....	19	3,127	310	9.9	7	3	4	5	...	...	17	30
Springs and runoff only.....	3	233	56	24.0	2	...	...	1	...	...	3	5
Springs and drainage ditches only.....	1	100	30	30.0	1	...	1	...	...	...	1	1
Springs in combination with other sources.....	1	1,900	18	0.9	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	22	7,743	240	3.1	15	...	1	3	...	4	20	54
Farm runoff only.....	21	7,713	231	3.0	14	...	1	3	...	4	19	51
Farm runoff and lakes only.....	1	30	9	30.0	1	...	...	...	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	14	3,376	597	17.7	11	...	1	1	...	1	8	15
Lakes only.....	14	3,376	597	17.7	11	...	1	1	...	1	8	15
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	29	12,165	2,193	18.0	14	4	...	11	1	1	14	15
Drainage ditches only.....	29	12,165	2,193	18.0	14	4	...	11	1	1	14	15
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	8	151	10	6.6	2	...	...	...	5	1	...	...
Municipal water only.....	8	151	10	6.6	2	...	...	...	5	1	...	...

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Illinois.....	199	50,750	6,923	13.6	93	14	41	39	14	18	67	152
Wells and combinations of wells with other sources.....	109	26,952	4,157	15.4	47	11	35	18	...	12	15	37
Wells only.....	95	19,315	3,130	16.2	38	11	34	13	...	11	9	16
Wells and streams only.....	4	634	70	11.0	3	...	...	1	...	...	...	...
Wells and runoff only.....	3	678	158	23.3	2	...	...	2	...	...	3	7
Wells and lakes only.....	1	330	9	2.7	...	...	...	...	...	1	...	...
Wells and drainage ditches only.....	4	1,120	123	11.0	3	...	1	1	...	...	2	4
Wells in combination with other sources.....	2	4,875	667	13.7	1	...	...	1	...	...	1	10
Streams and combinations of streams with other sources (except wells).....	29	5,255	1,389	26.4	17	2	1	10	1	2	14	23
Streams only.....	19	2,953	818	27.7	9	1	1	6	1	2	5	8
Streams and springs only.....	5	1,604	390	24.3	4	1	...	2	...	...	4	6
Streams and runoff only.....	4	478	101	21.1	4	...	...	1	...	...	4	7
Streams and drainage ditches only.....	1	220	80	36.4	...	...	...	1	...	...	1	2
Springs and combinations of springs with other sources (except wells and streams).....	10	3,624	394	10.9	6	...	2	2	...	1	10	22
Springs only.....	8	3,343	345	10.3	5	...	1	2	...	1	8	13
Springs and runoff only.....	2	281	49	17.4	1	...	1	...	...	...	2	9
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	21	9,734	501	5.1	11	1	2	7	...	1	21	55
Farm runoff only.....	21	9,734	501	5.1	11	1	2	7	...	1	21	55
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	6	1,973	65	3.3	5	...	1	...	...	...	6	12
Lakes only.....	6	1,973	65	3.3	5	...	1	...	...	...	6	12
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	9	2,866	358	12.5	7	...	...	2	...	...	1	3
Drainage ditches only.....	9	2,866	358	12.5	7	...	...	2	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	15	346	59	17.1	...	...	...	...	13	2	...	...
Municipal water only.....	15	346	59	17.1	...	...	...	...	13	2	...	...
Michigan.....	1,417	267,913	31,418	11.7	919	31	304	153	27	82	722	1,121
Wells and combinations of wells with other sources.....	483	89,151	12,963	14.5	246	17	228	30	...	19	151	235
Wells only.....	375	50,104	8,094	16.2	160	9	183	19	...	19	59	79
Wells and streams only.....	17	3,672	1,442	39.3	8	4	9	...	...	...	8	9
Wells and springs only.....	27	4,757	1,113	23.4	22	1	12	3	...	...	27	37
Wells and runoff only.....	17	2,642	459	17.4	16	1	7	2	...	...	17	23
Wells and lakes only.....	10	2,140	318	14.9	9	...	4	...	...	...	7	13
Wells and drainage ditches only.....	5	592	183	30.9	3	...	2	1	...	...	3	3
Wells and municipal water only.....	1	5	3	60.0	...	...	1	...	...	...	...	...
Wells in combination with other sources.....	31	25,239	1,351	5.4	28	2	10	5	...	...	30	71
Streams and combinations of streams with other sources (except wells).....	414	90,735	10,180	11.2	300	9	41	58	3	34	173	299
Streams only.....	326	71,105	7,001	9.8	228	6	33	43	3	30	91	144
Streams and springs only.....	48	9,796	1,386	14.1	42	1	3	5	...	3	48	80
Streams and runoff only.....	13	3,201	433	13.5	12	...	1	3	...	...	12	21
Streams and lakes only.....	9	2,408	455	18.9	6	1	...	2	...	1	6	12
Streams and drainage ditches only.....	3	720	197	27.4	1	1	...	1	...	...	2	6
Streams and municipal water only.....	1	261	20	7.7	1	...	1	...	...	...	...	...
Streams in combination with other sources.....	14	3,244	688	21.2	10	...	3	4	...	...	14	36
Springs and combinations of springs with other sources (except wells and streams).....	281	42,386	4,723	11.1	213	3	14	40	1	15	273	416
Springs only.....	205	31,423	3,082	9.8	153	2	12	27	1	14	198	287
Springs and runoff only.....	42	5,872	706	12.0	34	1	1	6	...	1	42	75
Springs and lakes only.....	11	2,376	477	20.1	8	...	1	2	...	...	11	19
Springs and drainage ditches only.....	19	2,065	365	17.7	15	...	...	4	...	...	19	30
Springs in combination with other sources.....	4	650	93	14.3	3	...	...	1	...	...	3	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	67	8,734	597	6.8	51	...	4	13	...	1	64	88
Farm runoff only.....	55	5,449	473	8.7	42	...	3	10	...	1	53	69
Farm runoff and lakes only.....	4	485	27	5.6	4	...	...	...	...	...	4	6
Farm runoff and drainage ditches only.....	6	2,290	73	3.2	3	...	1	3	...	...	6	12
Farm runoff and municipal water only.....	1	450	16	3.6	1	...	...	...	...	...	1	1
Farm runoff in combination with other sources.....	1	60	8	13.3	1	...	...	...	...	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	96	22,067	1,534	7.0	74	2	7	9	...	8	37	55
Lakes only.....	93	21,656	1,504	6.9	71	2	7	9	...	8	35	52
Lakes and drainage ditches only.....	1	275	18	6.5	1	...	...	...	...	...	1	2
Lakes and irrigation organizations only.....	1	50	2	4.0	1	...	...	...	...	...	...	...
Lakes in combination with other sources.....	1	86	10	11.6	1	...	...	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	43	9,909	1,241	12.5	32	...	6	3	...	2	20	23
Drainage ditches only.....	43	9,909	1,241	12.5	32	...	6	3	...	2	20	23
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	29	4,492	144	3.2	...	...	4	...	22	3	1	1
Municipal water only.....	29	4,492	144	3.2	...	...	4	...	22	3	1	1
Other sources.....	4	439	36	8.2	3	...	...	...	1	...	3	4

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Wisconsin.....	479	265,040	28,239	10.7	260	44	55	74	57	33	272	610
Wells and combinations of wells with other sources.....	147	70,156	16,963	24.2	78	30	34	25	...	5	45	94
Wells only.....	117	45,373	10,922	24.1	52	26	30	19	...	4	22	34
Wells and streams only.....	7	5,010	1,110	22.2	6	1	1	...	...	...	4	9
Wells and springs only.....	8	9,187	2,625	28.6	7	1	1	1	...	1	8	25
Wells and runoff only.....	4	1,017	204	20.1	2	...	1	2	...	...	4	9
Wells and lakes only.....	2	4,405	860	19.5	2	1	...	...	...	...	1	3
Wells and drainage ditches only.....	6	2,784	757	27.2	6	1	1	1	...	...	3	10
Wells in combination with other sources.....	3	2,380	485	20.4	3	...	...	2	...	...	3	4
Streams and combinations of streams with other sources (except wells).....	148	96,276	5,224	5.4	65	8	14	15	37	20	85	204
Streams only.....	103	43,626	2,368	5.4	46	4	11	9	25	14	45	96
Streams and springs only.....	13	13,209	511	3.9	7	...	1	...	...	2	11	24
Streams and runoff only.....	9	12,593	409	3.2	3	1	...	1	3	2	9	27
Streams and lakes only.....	1	693	45	6.5	1	...	...	...	...	...	1	1
Streams and drainage ditches only.....	10	13,052	664	5.1	...	1	1	3	3	2	8	24
Streams and municipal water only.....	1	43	43	100.0	1	...	...	...	...	...	1	2
Streams in combination with other sources.....	11	13,060	1,184	9.1	7	2	1	2	2	...	10	30
Springs and combinations of springs with other sources (except wells and streams).....	103	33,692	3,234	9.6	72	3	4	22	5	2	100	197
Springs only.....	80	23,568	2,577	10.9	58	3	2	13	4	2	77	138
Springs and runoff only.....	15	4,238	300	7.1	7	...	2	6	...	...	15	43
Springs and lakes only.....	2	1,075	70	6.5	2	...	...	...	...	...	2	3
Springs and drainage ditches only.....	6	4,811	287	6.0	5	...	...	3	1	...	6	13
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	16	16,614	446	2.7	4	...	...	5	4	3	14	49
Farm runoff only.....	12	13,665	245	1.8	3	...	...	3	3	3	10	34
Farm runoff and lakes only.....	1	200	20	10.0	...	...	...	1	...	...	1	1
Farm runoff and drainage ditches only.....	2	2,722	171	6.3	...	...	...	1	1	...	2	13
Farm runoff in combination with other sources.....	1	27	10	37.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	39	29,438	1,332	4.5	30	3	1	6	1	1	7	14
Lakes only.....	38	29,188	1,292	4.4	29	3	1	6	1	1	6	13
Lakes in combination with other sources.....	1	250	40	16.0	1	...	...	...	...	...	1	1
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	18	14,512	936	6.4	8	...	...	1	9	...	16	43
Drainage ditches only.....	18	14,512	936	6.4	8	...	...	1	9	...	16	43
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	3	175	10	5.7	...	...	...	...	1	2	1	2
Municipal water only.....	3	175	10	5.7	...	...	...	...	1	2	1	2
Other sources.....	5	4,177	94	2.3	3	...	2	...	...	...	4	7
Minnesota.....	335	66,093	12,266	18.6	161	21	82	58	7	37	65	85
Wells and combinations of wells with other sources.....	190	31,833	7,940	24.9	83	16	63	34	...	20	25	32
Wells only.....	162	24,352	5,300	21.8	68	13	59	23	...	16	12	15
Wells and streams only.....	14	3,947	1,301	33.0	7	1	...	6	...	3	4	6
Wells and springs only.....	4	739	255	34.5	2	...	...	4	...	...	4	4
Wells and runoff only.....	1	200	53	26.5	...	...	1	...	...	...	1	1
Wells and lakes only.....	3	827	377	45.6	2	1	2	...	...	...	1	1
Wells and drainage ditches only.....	2	960	95	9.9	1	...	...	1	...	...	2	3
Wells in combination with other sources.....	4	808	559	69.2	3	1	1	...	...	1	1	2
Streams and combinations of streams with other sources (except wells).....	65	19,827	2,706	13.6	43	3	6	10	...	6	5	5
Streams only.....	58	15,075	2,247	14.9	39	2	5	7	...	6	2	2
Streams and springs only.....	1	240	34	14.2	...	...	...	1	...	...	1	1
Streams and lakes only.....	2	3,780	280	7.4	...	1	...	1	...	...	...	...
Streams and drainage ditches only.....	2	587	120	20.4	2	...	...	...	...	...	2	2
Streams and municipal water only.....	2	145	25	17.2	2	...	1	1	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams).....	19	2,776	222	8.0	12	...	3	3	...	1	16	24
Springs only.....	17	2,673	208	7.8	10	...	3	3	...	1	14	20
Springs and runoff only.....	1	23	4	17.4	1	...	...	...	...	...	1	1
Springs in combination with other sources.....	1	80	10	12.5	1	...	...	...	...	...	1	3
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	9	2,946	279	9.5	6	...	1	1	1	...	8	10
Farm runoff only.....	7	2,386	149	6.2	5	...	1	1	...	...	7	9
Farm runoff and lakes only.....	1	240	10	4.2	1	...	...	...	...	...	1	1
Farm runoff and drainage ditches only.....	1	320	120	37.5	...	...	...	...	1	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	33	6,939	661	9.5	16	2	4	8	...	4	7	10
Lakes only.....	32	6,699	581	8.7	16	2	4	7	...	4	6	8
Lakes and drainage ditches only.....	1	240	80	33.3	...	...	...	1	...	...	1	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	2	440	43	9.8	1	...	...	2	...	...	1	1
Drainage ditches only.....	2	440	43	9.8	1	...	...	2	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	14	97	41	42.3	...	...	2	...	6	6	1	1
Municipal water only.....	14	97	41	42.3	...	...	2	...	6	6	1	1
Other sources.....	3	1,235	374	30.3	...	...	3	...	...	...	2	2

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Iowa.....	218	73,722	13,765	18.7	100	16	29	62	9	12	34	70
Wells and combinations of wells with other sources.....	137	50,565	10,701	21.2	67	10	28	40	...	2	9	27
Wells only.....	130	48,302	9,793	20.3	64	9	24	39	...	2	5	18
Wells and streams only.....	2	180	70	38.9	1	...	...	1	...	...	...	...
Wells and springs only.....	1	210	40	19.0	1	...	1	...	...	...	1	2
Wells and runoff only.....	1	1,100	580	52.7	...	...	1	...	...	...	1	2
Wells and municipal water only.....	1	493	168	34.1	...	...	1	...	...	...	...	...
Wells in combination with other sources.....	2	280	50	17.9	1	1	1	...	...	...	2	5
Streams and combinations of streams with other sources (except wells).....	50	15,715	1,982	12.6	21	6	...	19	...	4	11	19
Streams only.....	46	13,877	1,726	12.4	20	5	...	17	...	4	7	8
Streams and springs only.....	2	1,228	220	17.9	...	1	...	1	...	...	2	3
Streams and lakes only.....	2	610	36	5.9	1	...	...	1	...	...	2	8
Springs and combinations of springs with other sources (except wells and streams).....	11	3,945	733	18.6	5	...	1	3	...	2	9	11
Springs only.....	10	3,915	715	18.3	5	...	...	3	...	2	8	10
Springs and runoff only.....	1	30	18	60.0	...	...	1	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	5	469	99	21.1	5	...	...	...	...	...	5	13
Farm runoff only.....	5	469	99	21.1	5	...	...	...	...	...	5	13
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	2	2,488	190	7.6	2	...	...	...	...	...	...	...
Drainage ditches only.....	2	2,488	190	7.6	2	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and drainage ditches).....	13	540	60	11.1	...	...	...	...	9	4	...	...
Municipal water only.....	13	540	60	11.1	...	...	...	...	9	4	...	...
Missouri.....	409	158,914	23,512	14.8	210	12	84	36	46	44	105	218
Wells and combinations of wells with other sources.....	218	112,010	18,379	16.4	129	10	58	17	...	20	33	62
Wells only.....	196	101,958	16,456	16.1	111	10	49	14	...	20	21	31
Wells and streams only.....	6	1,577	428	27.1	5	...	1	1	...	...	2	6
Wells and springs only.....	1	169	36	21.3	...	...	1	...	...	...	1	1
Wells and runoff only.....	6	1,820	155	8.5	5	...	4	1	...	...	6	10
Wells and lakes only.....	1	55	30	54.5	1	...	...	...	...	...	...	...
Wells and drainage ditches only.....	6	3,129	753	24.1	6	...	2	1	...	...	1	4
Wells and municipal water only.....	1	78	4	5.1	...	...	1	...	...	...	1	5
Wells in combination with other sources.....	1	3,224	517	16.0	1	...	...	...	...	...	1	5
Streams and combinations of streams with other sources (except wells).....	72	27,481	3,062	11.1	46	1	11	11	...	7	19	43
Streams only.....	58	24,204	2,677	11.1	35	1	9	9	...	7	7	9
Streams and springs only.....	1	190	40	21.1	1	...	...	...	...	...	1	2
Streams and runoff only.....	5	975	60	6.2	4	...	...	1	...	...	5	15
Streams and lakes only.....	5	1,828	123	6.7	4	...	1	1	...	...	5	16
Streams and municipal water only.....	2	74	62	83.8	1	...	1	...	...	...	...	...
Streams in combination with other sources.....	1	210	100	47.6	1	...	...	...	...	...	1	1
Springs and combinations of springs with other sources (except wells and streams).....	15	5,632	190	3.4	10	...	2	2	1	...	12	17
Springs only.....	10	5,219	147	2.8	7	...	...	2	1	...	8	11
Springs and runoff only.....	2	319	23	7.2	2	...	...	...	...	...	2	4
Springs and municipal water only.....	3	94	20	21.3	1	...	2	...	...	...	2	2
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	31	8,510	742	8.7	17	1	8	4	2	1	31	76
Farm runoff only.....	28	8,099	673	8.3	14	1	8	4	2	1	28	73
Farm runoff and drainage ditches only.....	1	60	10	16.7	1	...	...	...	...	...	1	1
Farm runoff and municipal water only.....	2	351	59	16.8	2	...	...	...	...	...	2	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	12	1,471	154	10.5	3	...	5	1	...	3	7	14
Lakes only.....	8	1,380	114	8.3	3	...	1	1	...	3	3	10
Lakes and municipal water only.....	4	91	40	44.0	...	...	4	...	...	...	4	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	4	1,638	716	43.7	4	...	...	1	...	...	1	3
Drainage ditches only.....	3	1,607	691	43.0	3	...	...	1	...	...	...	...
Drainage ditches in combination with other sources.....	1	31	25	80.6	1	...	...	...	...	...	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	57	2,172	269	12.4	1	...	...	...	43	13	2	3
Municipal water only.....	56	2,120	239	11.3	...	...	...	...	43	13	1	1
Municipal water in combination with other sources.....	1	52	30	57.7	1	...	...	...	...	...	1	2

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Delaware.....	110	43,660	9,705	22.2	78	16	12	8	...	5	79	143
Wells and combinations of wells with other sources.....	35	15,991	4,318	27.0	19	10	10	1	...	...	20	34
Wells only.....	21	3,971	1,588	40.0	6	7	7	1	...	...	6	6
Wells and streams only.....	5	1,486	675	45.4	5	...	2	...	...	...	5	6
Wells and springs only.....	6	4,222	1,080	25.6	5	1	1	...	...	...	6	13
Wells and lakes only.....	2	1,040	450	43.3	2	1	...	...	...	...	2	3
Wells in combination with other sources.....	1	5,272	525	10.0	1	1	...	...	...	...	1	6
Streams and combinations of streams with other sources (except wells).....	41	18,033	3,481	19.3	32	4	...	2	...	5	32	71
Streams only.....	28	14,193	2,066	14.6	20	4	...	1	...	5	19	42
Streams and springs only.....	6	2,013	665	33.0	6	...	...	...	...	...	6	17
Streams and runoff only.....	1	178	88	49.4	1	...	...	...	...	...	1	1
Streams and lakes only.....	3	686	428	62.4	3	...	...	...	...	...	3	6
Streams in combination with other sources.....	3	963	234	24.3	2	...	...	1	...	...	3	5
Springs and combinations of springs with other sources (except wells and streams).....	22	6,362	1,198	18.8	18	1	1	2	...	...	22	30
Springs only.....	16	4,774	751	15.7	14	...	1	1	...	...	16	23
Springs and runoff only.....	5	1,448	407	28.1	4	1	...	...	...	...	5	6
Springs and drainage ditches only.....	1	140	40	28.6	...	...	...	1	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	9	2,799	636	22.7	7	1	...	2	...	...	4	5
Lakes only.....	9	2,799	636	22.7	7	1	...	2	...	...	4	5
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, and lakes).....	3	475	72	15.2	2	...	1	1	...	...	1	3
Drainage ditches only.....	2	459	62	13.5	1	...	...	1	...	...	1	3
Drainage ditches and municipal water only.....	1	16	10	62.5	1	...	1	...	...	...	...	...
Maryland.....	223	76,379	8,051	10.5	149	11	31	23	10	13	160	510
Wells and combinations of wells with other sources.....	37	21,718	1,309	6.0	20	...	15	4	...	5	22	45
Wells only.....	20	4,336	252	5.8	4	...	10	1	...	5	7	10
Wells and streams only.....	7	2,625	315	12.0	7	...	2	1	...	...	5	13
Wells and springs only.....	1	400	113	28.3	...	...	...	1	...	...	1	1
Wells and runoff only.....	1	106	20	18.9	1	...	1	...	...	...	1	2
Wells and lakes only.....	1	145	15	10.3	1	...	1	...	...	...	1	3
Wells in combination with other sources.....	7	14,106	594	4.2	7	...	1	1	...	...	7	16
Streams and combinations of streams with other sources (except wells).....	88	28,043	4,041	14.4	68	6	10	6	...	3	57	295
Streams only.....	65	17,640	2,322	13.2	49	2	9	4	...	3	35	248
Streams and springs only.....	11	4,297	909	21.2	10	2	1	...	...	...	10	19
Streams and runoff only.....	4	1,802	143	7.9	3	...	...	1	...	...	4	8
Streams and lakes only.....	4	1,876	483	25.7	4	1	...	...	...	...	4	11
Streams and drainage ditches only.....	1	100	33	33.0	1	...	...	...	...	...	1	3
Streams in combination with other sources.....	3	2,328	151	6.5	1	1	...	1	...	...	3	6
Springs and combinations of springs with other sources (except wells and streams).....	56	13,592	1,406	10.3	38	...	3	10	1	4	51	77
Springs only.....	40	9,605	980	10.2	27	...	1	7	1	4	35	52
Springs and runoff only.....	8	2,078	224	10.8	8	...	...	...	...	...	8	14
Springs and lakes only.....	1	165	18	10.9	1	...	...	...	...	...	1	2
Springs and drainage ditches only.....	3	934	54	5.8	1	...	...	2	...	...	3	3
Springs and municipal water only.....	2	35	7	20.0	...	...	2	...	...	...	2	4
Springs in combination with other sources.....	2	775	123	15.9	1	...	...	1	...	...	2	2
Farm runoff and combinations of runoff and other sources (except wells, streams and springs).....	14	6,155	538	8.7	12	1	1	2	...	...	14	63
Farm runoff only.....	14	6,155	538	8.7	12	1	1	2	...	...	14	63
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	13	4,807	617	12.8	9	3	...	1	...	...	11	21
Lakes only.....	13	4,807	617	12.8	9	3	...	1	...	...	11	21
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	1	27	2	7.4	1	...	...	...	...	...	1	1
Drainage ditches only.....	1	27	2	7.4	1	...	...	...	...	...	1	1
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	12	985	71	7.2	...	...	2	...	9	1	2	2
Municipal water only.....	12	985	71	7.2	...	...	2	...	9	1	2	2
Other sources.....	2	1,052	67	6.4	1	1	...	...	...	...	2	6
Virginia.....	1,554	442,085	26,519	6.0	813	78	70	339	9	302	1,184	2,326
Wells and combinations of wells with other sources.....	48	8,466	1,218	14.4	19	1	29	4	...	2	24	42
Wells only.....	30	3,099	244	7.9	10	...	17	2	...	2	8	11
Wells and streams only.....	4	2,070	610	29.5	2	...	3	...	...	...	3	7
Wells and springs only.....	3	448	175	39.1	1	1	1	...	...	...	3	5
Wells and runoff only.....	5	1,590	75	4.7	2	...	3	1	...	...	5	10
Wells and lakes only.....	1	150	30	20.0	1	...	1	...	...	...	1	1
Wells and municipal water only.....	2	379	8	2.1	...	...	2	...	...	...	1	1
Wells in combination with other sources.....	3	730	76	10.4	3	...	2	1	...	...	3	7

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Virginia--Continued												
Streams and combinations of streams with other sources (except wells).....	605	251,956	13,881	5.5	321	38	29	117	1	123	366	835
Streams only.....	419	160,976	7,249	4.5	202	22	22	69	1	114	185	357
Streams and springs only.....	49	25,533	1,878	7.4	35	2	1	10	...	3	49	129
Streams and runoff only.....	81	39,443	2,563	6.5	48	7	4	27	...	3	81	200
Streams and lakes only.....	22	10,214	811	7.9	12	4	...	6	...	2	17	39
Streams and drainage ditches only.....	2	35	24	68.6	...	1	...	1	...	...	2	4
Streams in combination with other sources.....	32	15,755	1,356	8.6	24	2	2	4	...	1	32	106
Springs and combinations of springs with other sources (except wells and streams).....	344	81,721	4,932	6.0	192	14	4	71	1	70	333	629
Springs only.....	187	42,240	2,257	5.3	100	8	3	30	1	50	182	321
Springs and runoff only.....	143	36,240	2,273	6.3	82	4	1	39	...	20	137	283
Springs and lakes only.....	2	127	8	6.3	...	...	...	2	...	...	2	4
Springs and drainage ditches only.....	8	2,117	337	15.9	7	1	...	...	...	...	8	12
Springs and municipal water only.....	1	605	33	5.5	...	1	...	...	...	...	1	4
Springs in combination with other sources.....	3	392	24	6.1	3	...	...	...	...	...	3	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	342	67,258	4,221	6.3	161	15	5	104	...	67	321	568
Farm runoff only.....	331	65,425	4,045	6.2	155	14	5	100	...	67	311	549
Farm runoff and lakes only.....	8	1,495	145	9.7	5	...	...	3	...	...	7	14
Farm runoff and drainage ditches only.....	3	338	31	9.2	1	1	...	1	...	...	3	5
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	204	30,741	2,099	6.8	118	10	3	42	...	39	137	248
Lakes only.....	203	30,539	2,087	6.8	117	10	3	42	...	39	136	245
Lakes and drainage ditches only.....	1	202	12	5.9	1	...	...	...	...	...	1	3
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	2	1,495	155	10.4	2	...	...	...	...	...	2	2
Drainage ditches only.....	2	1,495	155	10.4	2	...	...	...	...	...	2	2
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	8	326	9	2.8	...	...	...	...	7	1	...	...
Municipal water only.....	8	326	9	2.8	...	...	...	...	7	1	...	...
Other sources.....	1	122	4	3.3	...	...	...	1	...	...	1	2
West Virginia.....												
Wells and combinations of wells with other sources.....	2	268	2	0.7	...	...	2	...	...	...	...	...
Wells only.....	2	268	2	0.7	...	...	2	...	...	...	...	...
Streams and combinations of streams with other sources (except wells).....	13	5,591	327	5.8	8	1	2	...	...	2	3	4
Streams only.....	12	4,311	249	5.8	8	...	2	...	...	2	2	2
Streams and runoff only.....	1	1,280	78	6.1	...	1	...	...	...	...	1	2
Farm runoff and combinations of runoff and other sources (except wells and streams).....	4	766	10	1.3	4	...	...	...	...	...	4	8
Farm runoff only.....	4	766	10	1.3	4	...	...	...	...	...	4	8
Lakes and lakes in combination with other sources (except wells, streams, and farm runoff).....	1	498	18	3.6	1	...	...	...	...	...	...	...
Lakes only.....	1	498	18	3.6	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, farm runoff, and lakes).....	1	6	1	16.7	...	...	...	...	1	...	...	...
Municipal water only.....	1	6	1	16.7	...	...	...	...	1	...	...	...
North Carolina.....												
Wells and combinations of wells with other sources.....	250	41,566	3,547	8.5	142	9	45	32	...	47	151	333
Wells only.....	157	23,185	1,847	8.0	73	5	24	23	...	39	66	129
Wells and streams only.....	7	849	50	5.9	4	...	3	...	...	1	6	10
Wells and springs only.....	29	5,341	412	7.7	21	1	6	3	...	4	28	57
Wells and runoff only.....	19	2,890	227	7.9	12	...	4	3	...	2	19	37
Wells and lakes only.....	18	3,910	493	12.6	14	1	2	1	...	1	14	47
Wells and drainage ditches only.....	8	1,579	124	7.9	7	...	3	2	...	...	7	13
Wells in combination with other sources.....	12	3,812	394	10.3	11	2	3	...	...	...	11	40
Streams and combinations of streams with other sources (except wells).....	1,389	308,440	16,123	5.2	752	46	25	295	3	315	884	2,129
Streams only.....	872	148,482	6,648	4.5	415	20	15	167	3	271	383	682
Streams and springs only.....	154	53,110	2,581	4.7	96	11	3	32	...	19	154	453
Streams and runoff only.....	199	53,407	2,924	5.5	132	5	3	54	...	14	198	549
Streams and lakes only.....	98	20,740	1,144	5.5	69	5	1	21	...	10	84	220
Streams and drainage ditches only.....	10	2,481	216	8.7	5	1	...	4	...	...	9	24
Streams and municipal water only.....	1	84	12	14.3	1	...	...	...	...	...	1	2
Streams and irrigation organizations only.....	1	180	16	8.9	...	...	...	1	...	...	1	3
Streams in combination with other sources.....	54	27,956	2,582	9.2	34	4	3	16	...	1	54	196
Springs and combinations of springs with other sources (except wells and streams).....	1,812	298,488	16,574	5.6	908	63	15	436	...	443	1,763	3,713
Springs only.....	1,266	177,857	9,895	5.6	606	35	11	291	...	351	1,223	2,263
Springs and runoff only.....	444	94,521	5,352	5.7	233	22	3	124	...	83	439	1,179
Springs and lakes only.....	56	10,482	683	6.5	36	4	1	11	...	7	55	140
Springs and drainage ditches only.....	28	11,760	373	3.2	18	1	...	8	...	2	28	64
Springs in combination with other sources.....	18	3,868	271	7.0	15	1	...	2	...	...	18	67

IRRIGATION IN HUMID AREAS

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State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
North Carolina—Continued												
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	1,486	227,675	11,811	5.2	639	55	9	434	...	386	1,424	2,832
Farm runoff only.....	1,409	212,825	10,800	5.1	593	49	9	416	...	375	1,349	2,627
Farm runoff and lakes only.....	50	7,371	520	7.1	28	4	...	13	...	8	48	124
Farm runoff and drainage ditches only.....	22	6,431	396	6.2	14	2	...	5	...	2	22	69
Farm runoff and municipal water only.....	4	788	68	8.6	3	...	...	...	...	1	4	9
Farm runoff in combination with other sources.....	1	260	27	10.4	1	...	...	...	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	1,257	141,133	10,097	7.1	600	57	14	285	...	331	831	1,813
Lakes only.....	1,243	138,693	9,868	7.1	593	57	13	279	...	331	817	1,776
Lakes and drainage ditches only.....	12	2,349	180	7.7	7	...	...	5	...	...	12	35
Lakes and municipal water only.....	2	91	9	9.9	...	...	1	1	...	...	2	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	50	6,025	415	6.9	32	3	1	8	...	6	41	85
Drainage ditches only.....	50	6,025	415	6.9	32	3	1	8	...	6	41	85
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	8	1,323	35	2.6	2	...	...	1	4	1	1	2
Municipal water only.....	8	1,323	35	2.6	2	...	...	1	4	1	1	2
Irrigation districts and irrigation districts in combination with other sources.....	3	173	11	6.4	1	...	...	2	...	...	3	4
Irrigation organizations only.....	3	173	11	6.4	1	...	...	2	...	...	3	4
South Carolina.....	1,051	367,851	21,786	5.9	501	84	64	116	6	323	871	2,063
Wells and combinations of wells with other sources.....	107	50,633	3,742	7.4	46	6	33	16	1	24	64	169
Wells only.....	67	29,391	1,920	6.5	21	1	20	9	...	21	27	51
Wells and streams only.....	6	1,941	169	8.7	4	...	3	1	...	1	5	9
Wells and springs only.....	11	3,950	286	7.2	5	1	3	4	...	...	11	18
Wells and runoff only.....	6	1,404	165	11.8	4	...	3	...	...	1	6	23
Wells and lakes only.....	1	9	2	22.2	...	1	...	1	...	...	1	2
Wells and drainage ditches only.....	6	5,896	680	11.5	4	1	...	1	1	1	4	15
Wells in combination with other sources.....	10	8,042	520	6.5	8	2	4	...	...	...	10	51
Streams and combinations of streams with other sources (except wells).....	230	146,654	6,929	4.7	103	34	11	12	3	76	147	459
Streams only.....	152	52,830	2,705	5.1	50	15	9	9	3	71	69	156
Streams and springs only.....	29	15,727	1,030	6.5	17	10	1	...	...	3	29	88
Streams and runoff only.....	26	17,728	1,445	8.2	19	3	...	3	...	1	26	75
Streams and lakes only.....	8	4,258	266	6.2	6	2	...	...	...	...	8	21
Streams in combination with other sources.....	15	56,111	1,483	2.6	11	4	1	...	...	1	15	119
Springs and combinations of springs with other sources (except wells and streams).....	431	109,565	6,515	5.9	214	26	11	62	...	127	428	930
Springs only.....	344	77,825	4,227	5.4	172	18	6	48	...	104	342	696
Springs and runoff only.....	70	25,966	1,652	6.4	34	6	3	7	...	22	69	177
Springs and lakes only.....	4	1,250	80	6.4	1	...	...	3	...	...	4	12
Springs and drainage ditches only.....	6	1,373	94	6.0	4	2	...	1	...	...	6	10
Springs in combination with other sources.....	7	2,951	462	15.7	3	...	2	3	...	1	7	35
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	136	27,269	1,300	4.8	59	6	3	17	1	53	133	282
Farm runoff only.....	132	24,938	1,262	5.1	58	6	2	16	1	52	129	254
Farm runoff and lakes only.....	3	2,205	32	1.5	1	...	1	...	...	1	3	25
Farm runoff and drainage ditches only.....	1	126	6	4.8	...	...	...	1	...	...	1	3
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	133	31,900	3,180	10.0	72	12	6	7	...	39	89	202
Lakes only.....	130	31,768	3,163	10.0	69	12	6	7	...	39	86	195
Lakes and drainage ditches only.....	1	80	5	6.3	1	...	...	...	...	...	1	2
Lakes and municipal water only.....	1	22	6	27.3	1	...	...	...	...	...	1	1
Lakes and irrigation organizations only.....	1	30	6	20.0	1	...	...	...	...	...	1	4
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	13	1,735	118	6.8	7	...	...	2	...	4	9	18
Drainage ditches only.....	13	1,735	118	6.8	7	...	...	2	...	4	9	18
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	1	95	2	2.1	...	...	...	...	1	...	1	3
Municipal water only.....	1	95	2	2.1	...	...	...	...	1	...	1	3
Georgia.....	1,817	803,298	31,792	4.0	965	127	105	306	9	389	1,404	3,406
Wells and combinations of wells with other sources.....	194	132,851	6,675	5.0	84	20	65	8	...	41	108	307
Wells only.....	130	60,536	2,036	3.4	41	11	42	6	...	36	46	118
Wells and streams only.....	9	12,974	666	5.1	6	3	4	...	...	...	9	33
Wells and springs only.....	14	3,816	247	6.5	9	...	6	...	...	2	13	24
Wells and runoff only.....	17	8,585	761	8.9	11	3	5	...	...	2	17	33
Wells and lakes only.....	9	10,114	269	2.7	6	...	1	2	...	1	8	28
Wells and drainage ditches only.....	1	180	10	5.6	1	...	1	...	...	...	1	4
Wells and municipal water only.....	2	1,709	326	19.1	1	...	1	...	...	...	2	16
Wells in combination with other sources.....	12	34,937	2,360	6.8	9	3	5	...	...	...	12	51

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Georgia—Continued												
Streams and combinations of streams with other sources (except wells).....	402	233,593	11,088	4.7	194	40	15	51	1	123	235	682
Streams only.....	301	152,664	6,852	4.5	131	31	11	36	...	109	138	363
Streams and springs only.....	29	17,698	874	4.9	15	...	2	6	...	7	28	73
Streams and runoff only.....	41	37,076	1,758	4.7	29	4	...	5	...	4	40	141
Streams and lakes only.....	21	22,618	1,437	6.4	12	5	1	3	...	3	20	75
Streams and drainage ditches only.....	2	1,054	28	2.7	1	...	...	1	...	...	1	2
Streams and municipal water only.....	3	500	24	4.8	1	...	1	...	1	...	3	6
Streams in combination with other sources.....	5	1,983	115	5.8	5	...	...	...	...	...	5	18
Springs and combinations of springs with other sources (except wells and streams).....	307	129,967	3,271	2.5	169	17	9	61	1	60	293	665
Springs only.....	227	92,809	2,266	2.4	118	16	8	43	...	50	216	447
Springs and runoff only.....	71	32,425	897	2.8	47	1	1	12	1	10	68	188
Springs and lakes only.....	5	2,119	35	1.7	2	...	...	3	...	...	5	16
Springs and drainage ditches only.....	1	230	10	4.3	...	...	...	1	...	...	1	2
Springs and municipal water only.....	1	1,400	48	3.4	1	...	...	1	...	...	1	7
Springs in combination with other sources.....	2	984	15	1.5	1	...	...	1	...	...	2	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	430	156,758	4,663	3.0	243	23	6	89	...	84	414	922
Farm runoff only.....	417	152,399	4,281	2.8	232	23	6	87	...	84	401	889
Farm runoff and lakes only.....	9	2,427	176	7.3	9	...	...	...	...	...	9	19
Farm runoff and drainage ditches only.....	3	962	21	2.2	1	...	...	2	...	...	3	5
Farm runoff and municipal water only.....	1	970	185	19.1	1	...	...	...	...	...	1	9
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	469	146,843	5,945	4.0	270	27	10	96	...	79	350	814
Lakes only.....	467	146,695	5,926	4.0	269	27	9	96	...	79	348	810
Lakes and drainage ditches only.....	1	98	16	16.3	1	...	...	...	...	...	1	2
Lakes and municipal water only.....	1	50	3	6.0	...	...	1	...	...	...	1	2
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	4	709	39	5.5	3	...	...	1	...	...	2	3
Drainage ditches only.....	4	709	39	5.5	3	...	...	1	...	...	2	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	10	2,505	108	4.3	1	...	...	...	7	2	2	13
Municipal water only.....	10	2,505	108	4.3	1	...	...	...	7	2	2	13
Other sources.....	1	72	3	4.2	1	...	...	...	...	...	...	...
Florida.....	3,155	2,307,129	413,716	17.9	1,411	328	762	137	316	530	658	1,624
Wells and combinations of wells with other sources.....	2,337	1,606,665	280,155	17.4	1,001	192	628	96	279	408	338	1,053
Wells only.....	1,979	877,314	145,171	16.5	775	132	526	54	264	388	185	654
Wells and streams only.....	25	62,314	16,568	26.6	13	4	6	4	1	1	12	37
Wells and springs only.....	45	22,574	3,727	16.5	29	3	13	5	2	3	44	107
Wells and runoff only.....	12	47,682	2,190	4.6	9	2	4	...	...	...	11	18
Wells and lakes only.....	123	123,669	25,226	20.4	88	25	35	13	3	8	30	69
Wells and drainage ditches only.....	96	201,719	32,820	16.3	50	18	20	15	9	7	25	95
Wells and municipal water only.....	9	157	121	77.1	1	2	6	1	...	...	1	1
Wells and irrigation organizations only.....	9	2,707	2,094	77.4	5	1	7	...	...	...	2	4
Wells in combination with other sources.....	39	268,529	52,238	19.5	31	5	11	4	...	1	28	68
Streams and combinations of streams with other sources (except wells).....	172	120,597	12,550	10.4	97	16	41	9	...	25	84	160
Streams only.....	142	102,488	8,383	8.2	76	12	33	5	...	23	61	99
Streams and springs only.....	13	5,971	476	8.0	11	...	4	2	...	...	13	34
Streams and runoff only.....	3	661	85	12.9	...	...	2	...	...	1	2	3
Streams and lakes only.....	6	3,302	326	9.9	5	1	1	1	...	...	2	6
Streams and drainage ditches only.....	3	3,145	3,015	95.9	1	2	...	1	...	1	1	2
Streams in combination with other sources.....	5	5,030	265	5.3	4	1	1	...	...	...	5	16
Springs and combinations of springs with other sources (except wells and streams).....	154	119,092	6,077	5.1	87	3	34	6	3	29	148	235
Springs only.....	126	53,482	2,450	4.6	71	1	27	6	2	27	121	193
Springs and runoff only.....	13	4,296	279	6.5	5	...	6	...	...	2	13	20
Springs and lakes only.....	6	56,920	2,488	4.4	5	1	...	...	...	...	6	9
Springs and drainage ditches only.....	6	4,355	833	19.1	5	1	...	...	...	...	5	10
Springs and municipal water only.....	2	23	17	73.9	...	...	1	...	1	...	2	2
Springs in combination with other sources.....	1	16	10	62.5	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff with other sources (except wells, streams, and springs).....	12	22,155	699	3.2	10	...	2	...	...	...	11	27
Farm runoff only.....	9	3,106	155	5.0	7	...	2	...	...	...	8	11
Farm runoff and lakes only.....	2	19,045	540	2.8	2	...	...	...	...	...	2	15
Farm runoff and drainage ditches only.....	1	4	4	100.0	1	...	...	...	...	...	1	1
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	264	270,712	38,643	14.3	131	44	38	9	6	47	53	88
Lakes only.....	259	257,248	34,819	13.5	129	43	37	8	5	46	53	88
Lakes and drainage ditches only.....	2	6,782	650	9.6	1	...	...	1	1	...	...	...
Lakes and municipal water only.....	2	22	14	63.6	...	...	1	...	...	1	...	...
Lakes and irrigation organizations only.....	1	6,660	3,160	47.4	1	1	...	...	...	...	...	...
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	131	135,171	59,812	44.2	49	58	13	11	6	12	16	37
Drainage ditches only.....	122	132,867	57,815	43.5	44	55	11	11	6	12	13	34
Drainage ditches and municipal water only.....	2	32	6	18.8	...	...	2	...	...	...	1	1
Drainage ditches and irrigation organizations only.....	7	2,272	1,991	87.6	5	3	...	...	...	...	2	2

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State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Florida—Continued												
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	22	1,530	378	24.7	1	...	...	...	16	5	1	5
Municipal water only.....	22	1,530	378	24.7	1	...	...	...	16	5	1	5
Irrigation districts and irrigation districts in combination with other sources.....	59	20,803	14,729	70.8	33	14	5	6	6	4	5	15
Irrigation organizations only.....	59	20,803	14,729	70.8	33	14	5	6	6	4	5	15
Other sources.....	4	10,404	673	6.5	2	1	1	...	...	...	2	4
Kentucky.....	724	253,065	6,477	2.6	350	11	49	205	12	113	394	1,022
Wells and combinations of wells with other sources.....	46	8,870	472	5.3	14	...	25	4	...	5	11	22
Wells only.....	37	6,260	385	6.2	8	...	22	2	...	5	4	6
Wells and streams only.....	3	1,020	42	4.1	2	...	1	...	...	...	1	1
Wells and springs only.....	1	222	2	0.9	...	...	...	1	...	...	1	1
Wells and runoff only.....	2	216	12	5.6	2	...	1	...	...	...	2	9
Wells and lakes only.....	1	286	2	0.7	...	...	...	1	...	...	1	3
Wells in combination with other sources.....	2	866	29	3.3	2	...	1	...	...	...	2	2
Streams and combinations of streams with other sources (except wells).....	351	134,292	3,151	2.3	181	3	9	100	...	61	122	307
Streams only.....	289	94,598	2,216	2.3	143	2	8	79	...	59	63	130
Streams and springs only.....	3	1,236	53	4.3	2	...	...	1	...	...	3	7
Streams and runoff only.....	30	14,570	386	2.6	17	1	...	12	...	1	30	77
Streams and lakes only.....	27	23,278	480	2.1	17	...	1	8	...	1	24	81
Streams in combination with other sources.....	2	610	16	2.6	2	...	...	...	...	...	2	12
Springs and combinations of springs with other sources (except wells and streams).....	41	17,420	647	3.7	19	1	2	15	...	5	36	118
Springs only.....	20	6,002	104	1.7	9	...	2	10	...	...	16	48
Springs and runoff only.....	20	10,873	516	4.7	9	1	...	5	...	5	19	68
Springs and drainage ditches only.....	1	545	27	5.0	1	...	...	...	...	...	1	2
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	135	44,482	1,117	2.5	72	4	8	41	...	14	128	331
Farm runoff only.....	132	43,877	1,097	2.5	71	4	7	40	...	14	125	325
Farm runoff and lakes only.....	2	585	12	2.1	1	...	...	1	...	...	2	4
Farm runoff and municipal water only.....	1	20	8	40.0	...	...	1	...	...	...	1	2
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	135	38,973	696	1.8	63	2	5	45	...	26	93	236
Lakes only.....	133	38,773	664	1.7	61	2	5	45	...	26	92	224
Lakes and drainage ditches only.....	1	20	20	100.0	1	...	...	...	...	...	...	...
Lakes and municipal water only.....	1	180	12	6.7	1	...	...	...	...	...	1	12
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, and lakes).....	14	6,724	106	1.6	...	...	...	...	12	2	2	5
Municipal water only.....	14	6,724	106	1.6	...	...	...	...	12	2	2	5
Other sources.....	2	2,304	288	12.5	1	1	...	...	...	...	2	3
Tennessee.....	583	173,588	9,582	5.5	284	26	57	148	6	92	229	648
Wells and combinations of wells with other sources.....	42	25,120	2,550	10.2	19	3	23	3	...	2	21	59
Wells only.....	29	16,719	1,795	10.7	11	3	15	1	...	2	9	25
Wells and springs only.....	1	225	50	22.2	...	...	1	...	...	...	1	1
Wells and runoff only.....	3	2,462	36	1.5	3	...	2	...	...	...	3	7
Wells and lakes only.....	4	1,366	68	5.0	3	...	1	1	...	...	4	8
Wells and drainage ditches only.....	1	2,600	200	7.7	1	...	1	...	...	...	1	6
Wells and municipal water only.....	2	23	8	34.8	...	...	2	...	...	...	1	2
Wells in combination with other sources.....	2	1,725	393	22.8	1	...	1	1	...	...	2	10
Streams and combinations of streams with other sources (except wells).....	399	108,317	6,027	5.6	193	19	26	99	2	74	97	283
Streams only.....	358	90,809	4,501	5.0	169	17	23	87	2	71	62	135
Streams and springs only.....	10	2,486	231	9.3	6	1	1	2	...	1	8	68
Streams and runoff only.....	17	7,795	584	7.5	13	1	2	3	...	...	17	58
Streams and lakes only.....	12	4,077	575	14.1	4	...	...	7	...	1	10	22
Streams and drainage ditches only.....	1	1,250	106	8.5	...	...	...	...	...	1	...	...
Streams and municipal water only.....	1	1,900	30	1.6	1	...	...	...	...	...	...	...
Springs and combinations of springs with other sources (except wells and streams).....	41	11,828	418	3.5	21	2	4	8	2	6	27	83
Springs only.....	36	6,743	276	4.1	17	...	4	8	2	6	22	53
Springs and runoff only.....	5	5,085	142	2.8	4	2	...	...	...	...	5	30
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	57	19,995	399	2.0	27	2	2	21	...	8	50	145
Farm runoff only.....	57	19,995	399	2.0	27	2	2	21	...	8	50	145
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	40	7,893	177	2.2	22	...	1	17	...	1	32	75
Lakes only.....	40	7,893	177	2.2	22	...	1	17	...	1	32	75
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	1	58	3	5.2	1	...	...	...	...	...	...	...
Drainage ditches only.....	1	58	3	5.2	1	...	...	...	...	...	...	...
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	2	352	7	2.0	...	...	...	...	2	...	1	2
Municipal water only.....	2	352	7	2.0	...	...	...	...	2	...	1	2
Other sources.....	1	25	1	4.0	1	...	1	...	...	1	1	2

IRRIGATION IN HUMID AREAS

State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Alabama.....	232	189,199	13,842	7.3	102	22	76	21	5	27	115	254
Wells and combinations of wells with other sources.....	79	36,056	3,644	10.1	20	2	54	5	...	7	33	72
Wells only.....	57	22,664	2,040	9.0	7	1	42	3	...	7	14	24
Wells and streams only.....	6	5,623	581	10.3	5	...	4	1	...	...	4	8
Wells and springs only.....	3	457	75	16.4	...	...	2	1	...	...	3	7
Wells and runoff only.....	6	4,392	518	11.8	2	1	3	...	...	...	6	17
Wells and drainage ditches only.....	1	1,000	100	10.0	1	...	...	...	...	...	1	6
Wells and municipal water only.....	2	705	40	5.7	2	...	1	...	...	...	1	1
Wells in combination with other sources.....	4	1,215	290	23.9	3	...	2	...	...	...	4	9
Streams and combinations of streams with other sources (except wells).....	104	112,743	8,213	7.3	58	14	17	8	...	15	39	81
Streams only.....	84	93,168	6,711	7.2	45	10	11	6	...	15	20	37
Streams and springs only.....	9	6,025	577	9.6	5	2	2	2	...	...	9	22
Streams and runoff only.....	8	9,635	507	5.3	6	1	2	...	...	...	8	19
Streams and lakes only.....	1	3,430	328	9.6	...	1	1	...	...	...	...	...
Streams in combination with other sources.....	2	485	90	18.6	2	...	1	...	...	...	2	3
Springs and combinations of springs with other sources (except wells and streams).....	24	14,533	1,044	7.2	13	4	3	1	1	2	24	43
Springs only.....	18	8,148	863	10.6	9	3	3	...	1	2	18	33
Springs and runoff only.....	5	6,348	175	2.8	3	1	...	1	...	...	5	9
Springs and lakes only.....	1	37	6	16.2	1	...	...	...	...	...	1	1
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	11	14,969	608	4.1	6	2	1	2	...	1	11	21
Farm runoff only.....	11	14,969	608	4.1	6	2	1	2	...	1	11	21
Farm runoff and lakes only.....	...	...	...	...	...	...	...	...	...	...	...	...
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	8	6,941	287	4.1	4	...	1	4	...	1	7	32
Lakes only.....	8	6,941	287	4.1	4	...	1	4	...	1	7	32
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	2	3,798	37	1.0	1	...	...	1	...	1	1	5
Drainage ditches only.....	2	3,798	37	1.0	1	...	...	1	...	1	1	5
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	4	159	9	5.7	...	...	...	...	4	...	...	...
Municipal water only.....	4	159	9	5.7	...	...	...	...	4	...	...	...
Mississippi.....	651	803,393	135,400	16.9	348	51	184	83	6	98	154	431
Wells and combinations of wells with other sources.....	440	577,535	112,188	19.4	244	36	159	49	2	50	98	241
Wells only.....	302	322,974	58,837	18.2	148	19	109	25	2	46	46	150
Wells and streams only.....	74	144,086	34,198	23.7	52	11	29	11	...	1	18	37
Wells and springs only.....	5	5,426	1,568	28.9	4	...	1	...	...	...	4	8
Wells and runoff only.....	13	5,261	1,004	19.1	7	1	5	1	...	3	13	16
Wells and lakes only.....	17	49,165	7,202	14.6	14	1	3	5	...	...	4	6
Wells and drainage ditches only.....	15	19,404	4,299	22.2	9	2	9	2	...	...	4	8
Wells and municipal water only.....	2	1,724	842	48.8	1	...	...	1	...	...	1	1
Wells in combination with other sources.....	12	29,495	4,238	14.4	9	2	3	4	...	...	8	15
Streams and combinations of streams with other sources (except wells).....	137	182,234	17,672	9.7	64	8	22	22	1	33	24	102
Streams only.....	119	104,514	14,374	13.8	51	5	21	17	1	33	11	28
Streams and runoff only.....	6	30,021	283	0.9	5	...	...	1	...	...	6	25
Streams and lakes only.....	8	13,742	1,901	13.8	5	2	...	4	...	...	4	10
Streams and drainage ditches only.....	2	2,463	479	19.4	1	...	1	...	...	...	1	1
Streams in combination with other sources.....	2	31,494	635	2.0	2	1	...	...	...	...	2	38
Springs and combinations of springs with other sources (except wells and streams).....	6	2,616	19	0.7	4	...	1	...	...	1	6	13
Springs only.....	2	551	5	0.9	2	...	...	...	...	...	2	3
Springs and runoff only.....	3	351	12	3.4	2	...	...	...	...	1	3	5
Springs and lakes only.....	1	1,714	2	0.1	...	...	1	...	...	...	1	5
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	17	9,137	600	6.6	13	1	...	1	1	2	17	57
Farm runoff only.....	17	9,137	600	6.6	13	1	...	1	1	2	17	57
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	41	28,982	4,517	15.6	18	6	...	11	...	10	8	15
Lakes only.....	41	28,982	4,517	15.6	18	6	...	11	...	10	8	15
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	7	2,884	401	13.9	5	...	2	...	...	1	1	3
Drainage ditches only.....	7	2,884	401	13.9	5	...	2	...	...	1	1	3
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	3	5	3	60.0	...	...	...	...	2	1	...	...
Municipal water only.....	3	5	3	60.0	...	...	...	...	2	1	...	...

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State Table 5.—FARMS REPORTING IRRIGATION, ACRES IRRIGATED, TYPE OF POWER, AND CONSTRUCTED RESERVOIRS, BY SOURCE OF WATER, BY STATES: 1960—Continued

State and source of water	Number of farms reporting irrigation	Total acres in farms reporting irrigation	Acres irrigated		Farms reporting by type of power used for pumping					Farms not reporting type of power	Constructed reservoirs	
			Number	Percent of total acres in farms reporting irrigation	Gas engines	Diesel engines	Electric motors	Tractors	No power		Farms reporting	Number
Arkansas.....	4,922	2,816,474	836,556	29.7	2,565	294	1,741	801	25	607	1,136	2,658
Wells and combinations of wells with other sources.....	4,394	2,558,414	770,778	30.1	2,302	280	1,651	645	13	546	906	2,115
Wells only.....	3,760	1,863,916	555,736	29.8	1,852	223	1,340	468	13	523	527	1,058
Wells and streams only.....	238	279,169	70,932	25.4	172	21	102	84	...	10	83	251
Wells and springs only.....	3	1,475	260	17.6	2	...	1	1	...	...	3	5
Wells and runoff only.....	139	114,430	47,237	41.3	89	12	83	25	...	6	136	254
Wells and lakes only.....	60	84,960	17,223	20.3	50	8	18	18	...	1	34	251
Wells and drainage ditches only.....	97	67,157	23,584	35.1	65	9	45	26	...	4	42	70
Wells and irrigation organizations only.....	9	4,120	2,567	62.3	4	1	8	2	...	...	3	3
Wells in combination with other sources.....	88	143,187	53,239	37.2	68	6	54	21	...	2	78	223
Streams and combinations of streams with other sources (except wells).....	316	165,267	36,698	22.2	175	9	48	100	2	31	88	200
Streams only.....	273	138,268	29,340	21.2	145	8	35	91	2	30	52	100
Streams and springs only.....	5	2,703	408	15.1	3	...	...	2	...	1	4	23
Streams and runoff only.....	20	15,663	4,593	29.3	13	...	9	3	...	...	20	51
Streams and lakes only.....	7	3,052	991	32.5	5	1	2	...	...	...	5	11
Streams and drainage ditches only.....	4	1,796	222	12.4	3	...	...	2	...	...	2	2
Streams and municipal water only.....	2	841	204	24.3	2	...	1	...	...	...	1	2
Streams in combination with other sources.....	5	2,944	940	31.9	4	...	1	2	...	...	4	11
Springs and combinations of springs with other sources (except wells and streams).....	33	11,083	2,737	24.7	14	...	5	3	1	11	32	57
Springs only.....	27	9,129	2,474	27.1	11	...	4	1	1	10	26	36
Springs and runoff only.....	5	1,074	53	4.9	2	...	...	2	...	1	5	18
Springs in combination with other sources.....	1	880	210	23.9	1	...	1	...	...	...	1	3
Farm runoff and combinations of runoff and other sources (except wells, streams, and springs).....	85	47,394	15,759	33.3	40	2	25	14	2	13	83	241
Farm runoff only.....	72	34,512	10,545	30.6	32	2	17	13	2	13	70	206
Farm runoff and lakes only.....	1	960	550	57.3	...	...	1	...	...	...	1	3
Farm runoff and drainage ditches only.....	12	11,922	4,664	39.1	8	...	7	1	...	...	12	32
Lakes and lakes in combination with other sources (except wells, streams, springs, and farm runoff).....	40	13,641	3,028	22.2	16	...	2	19	1	4	12	19
Lakes only.....	40	13,641	3,028	22.2	16	...	2	19	1	4	12	19
Drainage ditches and combinations of drainage ditches with other sources (except wells, streams, springs, farm runoff, and lakes).....	45	12,710	3,749	29.5	18	3	5	20	2	2	13	24
Drainage ditches only.....	45	12,710	3,749	29.5	18	3	5	20	2	2	13	24
Municipal water and municipal water in combination with other sources (except wells, streams, springs, farm runoff, lakes, and drainage ditches).....	1	360	3	0.8	...	...	...	...	1	...	...	...
Municipal water only.....	1	360	3	0.8	...	...	...	...	1	...	...	...
Irrigation districts and irrigation districts in combination with other sources.....	8	7,605	3,804	50.0	...	...	5	...	3	...	2	2
Irrigation organizations only.....	8	7,605	3,804	50.0	...	...	5	...	3	...	2	2