

Table 16. Irrigation Pumps on Farms Other Than Well Pumps: 1994 and 1988

(Excludes irrigation data for Alaska, Hawaii, and abnormal and horticultural specialty farms)

Geographic and water resources areas	Pumps to discharge water from tailwater pits												
	Farms	Pumps	Average discharge capacity (GPM)	Pumps by discharge capacity (GPM)								3,000 or more	
				Less than 250	250 to 499	500 to 749	750 to 999	1,000 to 1,249	1,250 to 1,499	1,500 to 1,999	2,000 to 2,999	Pumps	Average GPM
TOTAL													
Conterminous United States.....													
1994.....	12 730	30 014	630	4 195	11 621	6 597	3 062	2 114	223	1 269	593	340	7 346
1988.....	16 466	34 439	747	5 908	8 123	11 827	2 705	1 916	831	988	1 258	883	6 063
27 leading irrigation States.....													
1994.....	12 345	29 530	630	3 987	11 581	6 440	3 028	2 108	223	1 261	571	331	7 416
1988.....	16 140	33 897	748	5 767	8 048	11 663	2 689	1 916	825	848	1 258	883	6 063
17 Western States.....													
1994.....	7 516	20 008	570	3 655	8 701	2 975	1 460	1 273	172	1 222	385	165	5 840
1988.....	14 896	31 094	663	5 577	7 968	11 056	2 564	1 484	274	632	905	634	5 500
All other States.....													
1994.....	385	484	599	208	40	157	34	6	-	8	22	9	4 800
1988.....	326	542	692	141	75	164	16	-	6	140	-	-	-
1994 DATA													
Arizona.....	199	435	1 049	36	11	30	124	105	21	69	26	13	3 000
Arkansas.....	416	996	1 381	40	10	14	153	324	56	257	113	29	5 000
California.....	2 700	5 757	704	1 212	1 126	1 503	370	671	79	665	67	64	5 791
Colorado.....	578	4 984	312	316	4 360	233	70	5	-	-	-	-	-
Florida.....	130	227	5 076	-	-	-	10	53	-	2	88	74	12 311
Georgia.....	52	79	747	-	-	40	-	39	-	-	-	-	-
Idaho.....	533	941	832	181	401	74	123	11	-	-	141	10	11 700
Illinois.....	5	22	973	-	8	-	-	-	14	-	-	-	-
Kansas.....	1 304	2 300	548	180	734	1 049	148	84	35	-	70	-	-
Louisiana.....	64	91	3 200	8	8	11	13	5	-	3	5	38	6 553
Michigan.....	34	48	621	6	-	23	19	-	-	-	-	-	-
Minnesota.....	4	6	800	-	-	4	-	2	-	-	-	-	-
Mississippi.....	60	123	1 526	-	-	3	20	29	2	32	28	9	3 000
Missouri.....	44	68	2 566	-	-	-	-	49	-	5	-	14	8 214
Montana.....	188	606	632	172	14	148	176	5	-	91	-	-	-
Nebraska.....	3 148	6 512	589	136	2 136	2 324	1 370	546	-	-	-	-	-
Nevada.....	62	75	624	24	16	8	8	6	-	9	4	-	-
New Mexico.....	379	525	437	240	38	101	124	-	-	-	22	-	-
North Dakota.....	7	22	298	10	-	12	-	-	-	-	-	-	-
Oklahoma.....	125	271	497	74	50	66	69	5	-	-	7	-	-
Oregon.....	347	883	636	89	544	83	18	14	12	113	-	10	4 000
South Dakota.....	9	11	650	-	2	5	-	4	-	-	-	-	-
Texas.....	1 241	3 039	379	415	1 876	620	33	81	-	13	-	1	3 000
Utah.....	198	202	585	-	75	-	127	-	-	-	-	-	-
Washington.....	396	1 109	189	814	143	81	30	41	-	-	-	-	-
Wisconsin.....	32	104	4 538	-	-	5	1	29	-	-	-	69	6 348
Wyoming.....	90	94	523	34	29	3	22	-	4	2	-	-	-
Water resources areas:													
WRA 01 New England.....	43	90	1 132	15	24	17	4	6	-	8	7	9	4 800
WRA 02 Mid-Atlantic.....	20	(D)	584	-	15	(D)	-	-	-	-	3	-	-
WRA 03 South Atlantic-Gulf.....	499	636	2 114	193	-	147	40	92	-	2	88	74	12 311
WRA 04 Great Lakes.....	36	61	889	6	1	23	19	-	-	-	12	-	-
WRA 05 Ohio.....	1	(D)	(D)	-	-	(D)	-	-	-	-	-	-	-
WRA 06 Tennessee.....	-	-	-	-	-	-	-	-	-	-	-	-	-
WRA 07 Upper Mississippi.....	77	172	3 561	-	8	13	1	63	14	-	-	73	7 096
WRA 08 Lower Mississippi.....	537	1 182	1 607	8	8	28	186	365	58	297	146	86	5 302
WRA 09 Souris-Red-Rainy.....	7	22	298	10	-	12	-	-	-	-	-	-	-
WRA 10 Missouri.....	4 150	12 168	471	557	6 684	2 873	1 462	555	-	37	-	-	-
WRA 11 Arkansas-White-Red.....	1 821	3 414	501	539	1 171	1 220	238	134	35	-	77	-	-
WRA 12 Texas-Gulf.....	570	1 899	362	145	1 376	329	12	23	-	13	-	1	3 000
WRA 13 Rio Grande.....	335	435	444	240	12	9	124	28	-	-	22	-	-
WRA 14 Upper Colorado.....	112	112	144	102	6	-	-	-	4	-	-	-	-
WRA 15 Lower Colorado.....	199	435	1 049	36	11	30	124	105	21	69	26	13	3 000
WRA 16 Great Basin.....	260	277	595	24	91	8	135	6	-	9	4	-	-
WRA 17 Pacific Northwest.....	1 238	3 161	507	1 098	1 088	353	341	54	-	76	141	10	11 700
WRA 18 California.....	2 825	5 903	728	1 222	1 126	1 506	376	683	91	758	67	74	5 549

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(Excludes irrigation data for Alaska, Hawaii, and abnormal and horticultural specialty farms)

Geographic and water resources areas	Pumps to discharge water from ponds, lakes, reservoirs, and rivers													Booster or relief pumps				
	Farms	Pumps	Average discharge capacity (GPM)	Pumps by discharge capacity (GPM)												Farms	Number	
				Less than 250	250 to 499	500 to 749	750 to 999	1,000 to 1,249	1,250 to 1,499	1,500 to 1,999	2,000 to 2,999	3,000 or more						
												Pumps	Average GPM					
TOTAL																		
Conterminous United States.....	31 818	64 415	1 046	14 211	10 099	12 455	6 696	8 304	1 433	3 378	4 160	3 679	6 711	22 340	46 420			
1988.....	37 240	67 279	1 029	8 084	9 571	23 020	6 876	8 444	1 131	2 697	2 875	4 581	5 314	18 695	39 452			
27 leading irrigation States.....	26 578	54 428	1 124	12 272	8 023	9 374	5 926	6 869	1 306	3 060	3 967	3 631	6 715	21 942	45 601			
1988.....	28 516	52 117	1 134	6 646	7 096	14 452	6 151	7 490	1 036	2 375	2 538	4 333	5 401	18 042	38 356			
17 Western States.....	20 279	41 429	993	11 126	6 183	5 634	4 410	4 557	1 142	2 388	3 354	2 635	5 210	20 014	41 912			
1988.....	20 600	37 912	1 015	5 582	6 269	10 067	5 000	5 193	621	1 096	1 407	2 677	5 305	15 862	33 523			
All other States.....	5 240	9 987	621	1 939	2 076	3 081	770	1 435	127	318	193	48	6 438	398	819			
1988.....	8 724	15 162	664	1 438	2 475	8 568	725	954	95	322	337	248	3 781	653	1 096			
1994 DATA																		
Arizona.....	33	72	2 744	22	21	-	-	13	2	-	-	14	12 000	138	239			
Arkansas.....	1 141	2 792	1 640	226	-	38	746	307	128	494	571	282	5 223	599	1 117			
California.....	4 344	8 848	1 070	2 636	1 010	1 066	403	578	149	785	1 550	671	4 099	7 333	17 374			
Colorado.....	712	1 154	693	315	20	371	182	135	82	5	-	44	3 068	843	1 277			
Florida.....	1 194	2 694	3 885	312	270	289	179	570	13	273	112	676	12 773	423	1 047			
Georgia.....	1 141	2 666	786	341	147	1 024	227	606	88	73	152	8	3 000	106	179			
Idaho.....	1 878	4 869	632	1 228	978	642	1 057	620	65	162	98	19	5 879	2 866	5 994			
Illinois.....	156	218	706	19	51	53	34	46	1	2	12	-	-	22	68			
Kansas.....	323	841	484	-	569	122	144	5	-	1	-	-	-	98	98			
Louisiana.....	835	1 749	2 181	128	67	110	24	454	-	172	471	323	5 980	326	554			
Michigan.....	1 006	2 021	544	216	407	1 103	156	94	6	39	-	-	-	46	88			
Minnesota.....	206	346	1 077	-	94	112	38	31	-	8	14	49	3 367	13	23			
Mississippi.....	205	405	1 242	97	6	22	72	41	4	51	53	59	3 195	95	185			
Missouri.....	229	389	983	60	21	71	83	58	22	22	43	9	4 667	48	112			
Montana.....	2 180	3 966	1 224	784	202	552	681	505	263	317	259	403	4 500	955	1 827			
Nebraska.....	1 059	1 654	869	-	120	566	355	532	-	21	60	-	-	905	1 584			
Nevada.....	32	63	1 343	6	-	4	6	8	-	27	12	-	-	61	106			
New Mexico.....	109	138	709	63	8	11	2	41	-	-	1	12	3 000	211	381			
North Dakota.....	176	311	1 331	12	67	40	79	41	-	6	42	24	6 483	42	70			
Oklahoma.....	267	512	1 235	55	25	72	145	140	2	27	22	24	9 042	27	36			
Oregon.....	3 562	7 166	669	2 233	2 247	1 094	666	420	86	119	181	120	11 717	2 377	4 418			
South Dakota.....	225	453	1 647	-	27	60	41	117	6	83	57	62	4 702	59	117			
Texas.....	1 527	2 424	1 319	402	478	540	30	211	158	170	43	392	4 784	1 094	1 968			
Utah.....	725	1 353	405	841	94	200	70	64	72	12	-	-	-	813	1 262			
Washington.....	2 366	4 974	746	2 144	944	704	332	330	-	74	139	307	5 670	1 694	4 335			
Wisconsin.....	379	1 001	1 944	89	61	278	108	171	24	93	68	109	10 560	71	118			
Wyoming.....	568	1 349	950	43	89	230	66	731	135	24	7	24	3 000	677	1 024			
Water resources areas:																		
WRA 01 New England.....	654	1 714	840	404	280	274	122	310	1	151	148	24	8 000	129	281			
WRA 02 Mid-Atlantic.....	1 241	2 659	565	435	769	666	319	347	50	56	17	-	-	122	146			
WRA 03 South Atlantic-Gulf.....	4 673	9 574	1 579	1 347	1 170	2 942	682	1 880	147	436	273	697	12 516	609	1 415			
WRA 04 Great Lakes.....	1 301	2 552	552	291	479	1 367	220	122	16	51	6	-	-	60	114			
WRA 05 Ohio.....	660	810	412	296	113	291	57	41	3	9	-	-	-	39	104			
WRA 06 Tennessee.....	146	269	360	117	75	28	27	9	6	6	1	-	-	-	-			
WRA 07 Upper Mississippi.....	672	1 437	1 708	83	177	327	196	267	36	89	122	140	9 207	123	281			
WRA 08 Lower Mississippi.....	1 753	3 999	2 022	393	73	140	137	720	132	685	1 056	663	5 413	859	1 625			
WRA 09 Souris-Red-Rainy.....	148	267	965	-	85	87	18	30	-	8	4	35	3 114	9	13			
WRA 10 Missouri.....	4 078	7 601	998	746	826	1 595	1 192	1 741	424	369	429	279	4 548	2 388	4 136			
WRA 11 Arkansas-White-Red.....	882	1 813	1 021	56	249	169	827	276	9	81	76	70	5 757	564	806			
WRA 12 Texas-Gulf.....	1 398	2 177	1 327	402	347	522	-	205	158	170	25	348	4 883	1 035	1 873			
WRA 13 Rio Grande.....	123	228	1 420	39	6	9	2	94	-	4	19	55	3 000	168	377			
WRA 14 Upper Colorado.....	276	586	517	240	90	65	40	66	77	4	4	-	-	513	885			
WRA 15 Lower Colorado.....	33	72	2 744	22	21	-	-	13	2	-	-	14	12 000	165	266			
WRA 16 Great Basin.....	756	1 403	459	847	72	178	100	64	72	58	12	-	-	1 001	1 418			
WRA 17 Pacific Northwest.....	8 626	18 253	725	5 857	4 257	2 729	2 313	1 535	68	396	415	683	6 346	7 014	14 474			
WRA 18 California.....	4 398	9 001	1 072	2 636	1 010	1 066	444	584	232	805	1 553	671	4 099	7 542	18 206			

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Geographic and water resources areas	Pumps by operating pressure (psi)					
	Pumps to discharge water from tailwater pits			Pumps to discharge water from ponds, lakes, reservoirs, and rivers		
	Less than 30	30 to 59	60 or more	Less than 30	30 to 59	60 or more
TOTAL						
Conterminous United States						
1994.....	17 333	9 455	3 226	7 643	28 170	28 602
1988.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
27 leading irrigation States						
1994.....	17 262	9 274	2 994	7 476	25 369	21 583
1988.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
17 Western States						
1994.....	11 690	5 936	2 382	5 463	20 800	15 166
1988.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other States						
1994.....	71	181	232	167	2 801	7 019
1988.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1994 DATA						
Arizona.....	258	136	41	-	72	-
Arkansas.....	521	475	-	687	1 970	135
California.....	2 862	2 530	365	1 366	5 408	2 074
Colorado.....	4 691	247	46	109	1 035	10
Florida.....	91	41	95	982	1 502	210
Georgia.....	-	-	79	14	233	2 419
Idaho.....	45	542	354	232	1 308	3 329
Illinois.....	-	6	16	7	48	163
Kansas.....	1 996	271	33	97	695	49
Louisiana.....	71	20	-	1 267	396	86
Michigan.....	-	44	4	48	252	1 721
Minnesota.....	-	2	4	54	136	156
Mississippi.....	51	72	-	161	154	90
Missouri.....	52	16	-	23	103	263
Montana.....	-	223	383	332	1 960	1 674
Nebraska.....	3 360	2 853	299	432	899	323
Nevada.....	43	8	24	3	37	23
New Mexico.....	91	366	68	-	111	27
North Dakota.....	4	18	-	50	162	99
Oklahoma.....	130	21	120	18	293	201
Oregon.....	211	35	637	162	3 228	3 776
South Dakota.....	6	5	-	138	181	134
Texas.....	2 674	299	66	1 093	611	720
Utah.....	-	140	62	30	1 162	161
Washington.....	93	841	175	35	2 284	2 655
Wisconsin.....	12	10	82	7	204	790
Wyoming.....	-	53	41	129	925	295
Water resources areas:						
WRA 01 New England.....	38	45	7	96	1 237	381
WRA 02 Mid-Atlantic.....	3	26	15	18	554	2 087
WRA 03 South Atlantic-Gulf.....	121	148	367	1 012	2 477	6 085
WRA 04 Great Lakes.....	-	44	17	48	307	2 197
WRA 05 Ohio.....	-	3	-	13	181	616
WRA 06 Tennessee.....	-	-	-	21	90	158
WRA 07 Upper Mississippi.....	44	22	106	31	362	1 044
WRA 08 Lower Mississippi.....	643	539	-	2 054	1 790	155
WRA 09 Souris-Red-Rainy.....	4	18	-	46	106	115
WRA 10 Missouri.....	8 404	3 162	602	1 200	4 288	2 113
WRA 11 Arkansas-White-Red.....	2 917	323	174	418	1 078	317
WRA 12 Texas-Gulf.....	1 606	219	74	858	605	714
WRA 13 Rio Grande.....	41	394	-	-	195	33
WRA 14 Upper Colorado.....	-	106	6	-	519	67
WRA 15 Lower Colorado.....	258	136	41	-	72	-
WRA 16 Great Basin.....	43	148	86	33	1 171	199
WRA 17 Pacific Northwest.....	230	1 589	1 342	429	7 671	10 153
WRA 18 California.....	2 981	2 533	389	1 366	5 467	2 168