

Table 15. Irrigation Pumps on Farms for Wells: 1994 and 1988

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

Geographic and water resources areas	Farms	Pumps ¹	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.....	104 626	329 123	831	48 252	55 724	54 616	63 963	52 454	10 047	23 289	17 630	4 495	3 746		
1988.....	110 996	341 710	757	35 553	65 894	82 086	70 081	47 550	7 177	20 397	11 102	1 870	3 252		
27 leading irrigation States															
1994.....	101 200	322 046	837	46 137	54 401	53 146	62 872	51 522	10 017	23 225	17 605	4 443	3 744		
1988.....	106 717	333 705	758	34 701	63 848	80 462	68 270	46 263	7 138	20 098	11 057	1 868	3 252		
17 Western States															
1994.....	66 840	202 792	839	38 403	40 832	29 037	23 282	29 106	7 157	18 115	14 352	3 548	3 747		
1988.....	85 338	259 887	702	29 498	51 454	68 542	56 296	31 162	4 800	11 921	5 311	903	3 310		
All other States															
1994.....	3 426	7 077	548	2 115	1 323	1 470	1 091	932	30	64	25	52	3 981		
1988.....	4 279	8 005	692	852	2 046	1 624	1 811	1 287	39	299	45	2	4 000		
1994 DATA															
Arizona.....	1 339	3 449	945	194	692	722	554	450	267	172	335	78	5 519		
Arkansas.....	5 012	27 717	1 334	1 117	281	2 265	2 854	8 776	2 338	5 264	4 494	653	3 613		
California.....	28 105	63 134	880	15 602	8 113	5 816	8 130	9 843	2 689	7 661	4 705	885	3 917		
Colorado.....	3 616	12 701	842	690	1 751	2 350	3 339	2 760	474	1 133	192	12	3 000		
Florida.....	6 224	17 245	687	3 816	4 093	2 958	2 227	1 983	352	828	798	190	3 938		
Georgia.....	1 753	3 961	702	585	846	617	694	1 067	62	54	28	8	6 000		
Idaho.....	4 246	8 716	1 221	1 015	1 061	1 139	672	1 582	439	1 230	1 204	514	3 826		
Illinois.....	798	2 132	865	46	122	442	783	640	36	52	8	8	6 188		
Kansas.....	4 817	18 558	712	951	3 683	4 841	5 594	2 718	397	254	145	-	-		
Louisiana.....	1 980	5 528	1 433	235	214	1 130	671	923	48	701	888	718	3 492		
Michigan.....	1 118	2 936	515	600	996	640	307	307	19	23	74	2	3 000		
Minnesota.....	1 022	2 401	670	189	272	866	835	217	9	4	7	2	6 006		
Mississippi.....	919	4 695	1 785	71	33	115	295	624	154	1 366	1 683	399	3 381		
Missouri.....	1 380	8 168	1 167	147	196	749	1 327	3 448	624	1 061	477	144	3 853		
Montana.....	518	896	683	168	134	267	168	76	23	34	20	6	5 000		
Nebraska.....	14 792	54 319	831	880	2 792	12 014	25 480	10 535	1 202	1 424	24	133	3 917		
Nevada.....	563	1 359	1 148	109	108	138	219	297	132	225	114	17	5 471		
New Mexico.....	2 140	5 818	713	941	1 432	1 471	702	574	110	302	255	66	3 177		
North Dakota.....	254	975	581	207	225	122	316	77	-	26	2	-	-		
Oklahoma.....	1 280	3 657	583	206	1 061	1 434	695	202	30	37	12	-	-		
Oregon.....	2 826	5 939	790	1 188	1 627	906	474	580	166	356	632	45	3 600		
South Dakota.....	633	1 434	697	110	195	299	679	142	-	2	7	-	-		
Texas.....	10 505	55 430	460	15 061	22 370	10 450	3 677	1 785	218	686	963	350	3 629		
Utah.....	1 342	2 406	871	555	427	258	163	444	143	145	250	21	3 939		
Washington.....	2 997	5 168	748	1 110	1 424	564	772	639	58	163	285	183	3 730		
Wisconsin.....	650	2 430	806	132	116	446	1 053	658	5	16	-	9	5 333		
Wyoming.....	371	874	641	212	137	127	192	175	22	6	3	-	-		
Water resources areas:															
WRA 01 New England.....	254	651	318	418	133	54	26	-	-	2	-	18	3 750		
WRA 02 Mid-Atlantic.....	997	2 135	528	603	594	405	313	152	2	22	15	29	3 914		
WRA 03 South Atlantic-Gulf.....	8 787	22 388	674	5 000	5 227	3 665	2 972	3 156	427	898	845	198	4 022		
WRA 04 Great Lakes.....	1 528	3 942	550	797	1 052	886	632	483	26	29	75	4	4 000		
WRA 05 Ohio.....	510	1 125	727	152	142	251	276	257	6	27	10	4	3 500		
WRA 06 Tennessee.....	69	84	503	34	11	4	35	-	-	-	-	-	-		
WRA 07 Upper Mississippi.....	2 497	6 903	764	492	629	1 790	2 412	1 412	52	65	53	23	5 501		
WRA 08 Lower Mississippi.....	7 811	40 808	1 359	1 140	591	3 507	4 805	12 852	2 971	7 040	6 553	1 639	3 565		
WRA 09 Souris-Red-Rainy.....	305	876	659	117	119	215	327	83	-	15	-	-	-		
WRA 10 Missouri.....	20 745	72 343	807	2 451	5 643	16 607	30 428	13 197	1 641	2 205	197	139	3 964		
WRA 11 Arkansas-White-Red.....	8 775	37 091	739	4 603	8 172	8 041	8 111	4 240	659	2 017	1 086	357	3 734		
WRA 12 Texas-Gulf.....	8 454	43 480	439	12 065	18 582	8 417	1 488	1 273	183	390	894	263	3 228		
WRA 13 Rio Grande.....	1 901	6 224	865	483	1 200	1 164	1 008	1 478	164	300	374	78	3 150		
WRA 14 Upper Colorado.....	385	425	1 311	18	12	6	43	27	16	303	-	-	-		
WRA 15 Lower Colorado.....	1 569	4 005	933	220	824	761	667	657	267	211	335	78	5 519		
WRA 16 Great Basin.....	1 686	3 362	975	664	469	369	302	522	275	355	364	42	4 489		
WRA 17 Pacific Northwest.....	10 123	19 854	951	3 377	4 211	2 650	1 936	2 812	654	1 645	2 052	722	3 803		
WRA 18 California.....	28 230	63 427	883	15 618	8 113	5 824	8 182	9 853	2 704	7 765	4 777	901	3 906		

See footnotes at end of table.

Table 15. Irrigation Pumps on Farms for Wells: 1994 and 1988—Con.

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

Geographic and water resources areas	Pumps by operating pressure (psi)						Farms with flow meters	
	Farms with 5 wells or less			Farms with more than 5 wells			Farms	Wells
	Less than 30	30 to 59	60 or more	Less than 30	30 to 59	60 or more		
TOTAL								
Conterminous United States								
1994.....	48 442	76 182	38 764	75 585	69 245	22 252	15 688	46 526
1988.....	61 865	69 704	52 729	83 377	49 337	24 698	(NA)	(NA)
27 leading irrigation States								
1994.....	47 724	74 099	36 291	75 286	68 144	21 824	15 545	46 230
1988.....	60 864	67 218	49 719	82 926	48 886	24 092	(NA)	(NA)
17 Western States								
1994.....	31 975	47 809	19 712	57 074	37 428	9 834	7 857	21 869
1988.....	46 226	56 998	39 600	60 628	39 825	16 610	(NA)	(NA)
All other States								
1994.....	718	2 083	2 473	299	1 101	428	143	296
1988.....	1 001	2 486	3 010	451	451	606	(NA)	(NA)
1994 DATA								
Arizona.....	630	606	839	834	526	29	351	905
Arkansas.....	4 568	3 047	536	10 676	8 450	765	175	1 103
California.....	12 655	23 225	4 964	10 493	9 429	2 678	3 067	8 105
Colorado.....	1 069	4 270	755	1 520	4 457	630	847	2 895
Florida.....	3 250	4 516	1 335	2 041	4 149	1 954	794	3 111
Georgia.....	176	1 186	1 315	44	785	455	113	289
Idaho.....	361	1 851	4 364	10	692	1 578	606	1 134
Illinois.....	153	761	412	125	586	100	49	101
Kansas.....	4 359	3 889	1 009	4 341	4 788	197	3 151	10 261
Louisiana.....	2 075	971	386	623	790	683	40	59
Michigan.....	157	699	846	-	794	472	87	125
Minnesota.....	104	535	879	166	572	145	405	985
Mississippi.....	641	536	424	1 184	1 206	749	35	86
Missouri.....	796	1 035	199	3 530	2 229	384	25	74
Montana.....	55	338	420	8	56	19	73	113
Nebraska.....	6 011	12 170	8 883	6 756	14 284	6 380	2 744	8 403
Nevada.....	235	533	153	62	270	106	136	307
New Mexico.....	1 576	1 396	124	1 703	824	230	543	1 208
North Dakota.....	23	186	169	14	407	176	134	487
Oklahoma.....	607	1 071	266	964	613	156	42	163
Oregon.....	75	1 303	2 675	88	1 011	822	506	799
South Dakota.....	25	506	491	11	203	198	42	79
Texas.....	7 043	5 778	2 045	29 952	9 302	1 440	913	3 766
Utah.....	382	1 344	212	7	438	23	160	424
Washington.....	524	1 509	1 967	56	467	675	368	781
Wisconsin.....	54	271	617	-	713	780	109	360
Wyoming.....	120	567	6	78	103	-	30	107
Water resources areas:								
WRA 01 New England.....	99	195	75	59	163	60	-	-
WRA 02 Mid-Atlantic.....	153	524	903	136	169	250	41	122
WRA 03 South Atlantic-Gulf.....	3 627	6 042	3 157	2 141	5 012	2 409	931	3 446
WRA 04 Great Lakes.....	236	893	1 197	-	934	724	152	301
WRA 05 Ohio.....	192	356	248	65	165	99	49	64
WRA 06 Tennessee.....	17	48	13	-	-	6	-	-
WRA 07 Upper Mississippi.....	347	1 591	1 908	389	1 925	768	444	1 133
WRA 08 Lower Mississippi.....	7 511	4 380	1 306	13 894	11 552	2 455	264	1 302
WRA 09 Souris-Red-Rainy.....	27	211	193	14	279	152	151	468
WRA 10 Missouri.....	8 536	18 559	10 793	9 116	18 325	7 179	4 135	11 656
WRA 11 Arkansas-White-Red.....	6 536	6 643	1 664	13 830	7 987	626	2 932	10 666
WRA 12 Texas-Gulf.....	5 142	4 589	1 773	22 848	7 712	1 491	738	2 950
WRA 13 Rio Grande.....	940	1 334	187	1 483	2 183	122	652	1 956
WRA 14 Upper Colorado.....	72	336	11	-	6	-	16	16
WRA 15 Lower Colorado.....	810	819	870	894	598	29	375	973
WRA 16 Great Basin.....	554	1 640	334	69	636	129	261	654
WRA 17 Pacific Northwest.....	992	4 778	8 999	87	2 128	3 075	1 471	2 699
WRA 18 California.....	12 651	23 244	5 133	10 560	9 471	2 678	3 076	8 120

¹Data include only well pumps for wells used.