

Table 8. Estimated Quantity of Water Applied Using Only Sprinkler Systems to Distribute Water: 1994 and 1988

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

Geographic and water resources areas	Total			High pressure center pivot (60 psi or greater)			Medium pressure center pivot (30 to 59 psi)		
	Farms	Acres irrigated ¹	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
TOTAL									
Conterminous United States.....									
1994.....	67 295	13 398 911	1.2	5 366	1 336 779	.9	12 059	2 612 851	1.2
1988.....	82 435	12 406 639	1.3	12 211	1 936 511	1.1	(NA)	(NA)	(NA)
27 leading irrigation States.....									
1994.....	60 886	12 655 666	1.3	4 665	1 254 667	1.0	11 428	2 521 972	1.2
1988.....	69 804	11 546 915	1.4	9 277	1 770 006	1.2	(NA)	(NA)	(NA)
17 Western States.....									
1994.....	43 484	7 024 522	1.6	1 151	304 571	1.5	6 910	934 238	1.8
1988.....	55 534	9 172 141	1.5	6 101	1 238 037	1.3	(NA)	(NA)	(NA)
All other States.....									
1994.....	6 409	743 245	.6	701	82 112	.5	631	90 879	.7
1988.....	12 631	859 724	.6	2 934	166 505	.5	(NA)	(NA)	(NA)
1994 DATA									
Arizona.....	174	29 844	2.1	3	9 000	2.6	13	7 350	1.8
Arkansas.....	794	184 258	.4	27	8 433	.7	193	76 315	.4
California.....	13 523	670 543	2.4	8	11 900	2.7	4 087	91 863	2.3
Colorado.....	1 713	718 791	1.5	110	47 169	1.6	783	273 410	1.6
Florida.....	1 733	159 991	1.0	130	18 535	.8	257	36 664	1.1
Georgia.....	1 972	554 753	.5	282	75 677	.5	412	96 841	.4
Idaho.....	4 654	1 470 956	1.8	66	59 248	1.9	222	81 130	2.1
Illinois.....	903	277 900	.6	102	24 568	.6	298	103 229	.6
Kansas.....	1 911	926 784	1.3	119	27 550	.9	728	268 515	1.3
Louisiana.....	225	49 339	.7	75	10 590	.2	16	3 920	.2
Michigan.....	1 312	277 993	.5	171	38 601	1.2	116	13 474	.4
Minnesota.....	1 064	298 695	.5	300	63 036	.4	172	76 820	.6
Mississippi.....	136	79 098	.4	30	19 865	.3	47	29 193	.5
Missouri.....	646	195 261	.6	145	41 915	.8	102	41 769	.5
Montana.....	2 175	333 196	1.2	1	(D)	(D)	204	21 478	1.1
Nebraska.....	5 940	2 247 227	.9	1 796	514 530	.9	1 978	779 048	.9
Nevada.....	240	73 005	2.4	8	(D)	1.0	25	15 512	2.4
New Mexico.....	895	161 667	1.8	242	7 348	1.3	82	24 494	2.3
North Dakota.....	362	118 298	.7	68	21 828	.9	124	38 159	.8
Oklahoma.....	1 049	245 336	1.2	47	6 175	1.0	193	40 705	1.5
Oregon.....	5 368	622 202	1.6	11	5 500	2.2	249	46 271	2.6
South Dakota.....	615	193 949	.7	176	39 060	.7	206	62 859	.7
Texas.....	3 723	1 290 106	1.2	258	80 305	.8	318	119 119	1.3
Utah.....	1 612	197 362	1.7	55	9 300	2.9	290	22 490	2.7
Washington.....	7 024	915 484	2.1	233	41 228	1.7	203	100 303	2.4
Wisconsin.....	808	301 195	.6	195	64 931	.5	78	41 163	.6
Wyoming.....	315	62 433	1.2	7	4 940	1.0	32	9 878	1.7
Water resources areas:									
WRA 01 New England.....	566	20 113	1.8	45	(D)	2.2	118	2 956	3.5
WRA 02 Mid-Atlantic.....	1 341	181 304	.7	79	10 158	.5	65	16 202	.5
WRA 03 South Atlantic-Gulf.....	6 373	903 244	.6	741	116 542	.5	781	148 006	.6
WRA 04 Great Lakes.....	1 831	405 375	.5	284	72 595	.9	145	21 594	.4
WRA 05 Ohio.....	884	138 502	.5	94	15 952	.4	150	38 213	.5
WRA 06 Tennessee.....	94	8 091	.3	2	(D)	(D)	3	720	.2
WRA 07 Upper Mississippi.....	2 727	848 972	.5	563	145 347	.5	573	205 661	.6
WRA 08 Lower Mississippi.....	1 071	408 141	.5	142	45 678	.5	208	118 647	.4
WRA 09 Souris-Red-Rainy.....	382	119 159	.6	102	19 645	.7	71	37 184	.6
WRA 10 Missouri.....	9 561	3 467 995	.9	2 295	641 171	1.0	2 871	1 098 956	1.0
WRA 11 Arkansas-White-Red.....	3 716	1 623 943	1.3	210	108 850	1.0	1 090	396 477	1.3
WRA 12 Texas-Gulf.....	3 268	885 126	1.2	196	16 210	.6	292	64 974	1.4
WRA 13 Rio Grande.....	859	197 135	2.1	222	888	2.0	191	85 208	2.0
WRA 14 Upper Colorado.....	752	72 092	1.7	16	7 040	2.7	253	7 770	1.8
WRA 15 Lower Colorado.....	193	45 377	2.2	11	10 080	2.4	14	9 287	1.5
WRA 16 Great Basin.....	2 070	272 048	1.7	43	5 700	1.5	314	36 065	2.7
WRA 17 Pacific Northwest.....	17 875	3 086 942	1.8	312	104 476	1.8	833	233 068	2.3
WRA 18 California.....	13 732	715 352	2.3	9	14 900	2.5	4 087	91 863	2.3

See footnotes at end of table .

Table 8. Estimated Quantity of Water Applied Using Only Sprinkler Systems to Distribute Water: 1994 and 1988—Con.

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

Geographic and water resources areas	Low pressure (under 30 psi)			Linear and wheel move			All other mechanical move		
	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
TOTAL									
Conterminous United States									
1994.....	7 115	2 442 683	1.3	5 074	629 084	1.3	1 147	145 306	.7
1988.....	(NA)	(NA)	(NA)	1 113	88 650	1.5	7 436	953 632	1.2
27 leading irrigation States									
1994.....	6 774	2 363 434	1.3	4 461	576 730	1.4	749	108 918	.7
1988.....	(NA)	(NA)	(NA)	1 088	80 645	1.5	6 387	813 488	1.4
17 Western States									
1994.....	3 957	1 279 907	1.5	3 309	471 624	1.6	357	58 136	1.0
1988.....	(NA)	(NA)	(NA)	781	55 724	1.7	4 457	573 727	1.7
All other States									
1994.....	341	79 249	.6	613	52 354	.7	398	36 388	.6
1988.....	(NA)	(NA)	(NA)	25	8 005	.9	1 049	140 144	.4
1994 DATA									
Arizona.....	16	(D)	2.0	41	820	1.0	-	-	-
Arkansas.....	230	14 700	.9	18	11 520	.8	4	1 200	3.0
California.....	1 318	8 752	1.4	62	31 206	3.6	-	-	-
Colorado.....	475	192 082	1.5	62	16 355	1.9	-	-	-
Florida.....	325	26 340	1.1	179	16 090	1.3	79	12 944	.3
Georgia.....	108	102 349	1.0	456	35 520	.3	75	12 430	.3
Idaho.....	73	43 870	1.4	398	51 962	1.8	144	17 178	1.1
Illinois.....	167	45 455	.5	48	2 906	.4	15	2 200	.6
Kansas.....	854	457 733	1.4	1	(D)	(D)	21	3 150	1.0
Louisiana.....	44	15 475	1.2	40	14 188	.7	-	-	-
Michigan.....	23	4 057	.6	156	20 444	.3	105	12 589	.3
Minnesota.....	154	46 661	.6	80	5 147	.4	66	3 522	.3
Mississippi.....	11	9 020	.3	28	4 260	.3	-	-	-
Missouri.....	100	30 851	.6	55	2 750	.3	-	-	-
Montana.....	12	10 020	1.3	505	75 694	1.2	-	-	-
Nebraska.....	913	313 365	.8	74	8 880	1.3	-	-	-
Nevada.....	34	26 105	2.8	39	6 308	2.7	-	-	-
New Mexico.....	190	88 385	1.7	295	18 808	2.4	2	(D)	(D)
North Dakota.....	53	16 918	.7	8	(D)	1.1	4	(D)	.3
Oklahoma.....	183	85 400	1.4	161	17 418	.7	58	3 461	.8
Oregon.....	123	39 408	2.0	650	70 656	1.7	59	9 687	1.2
South Dakota.....	67	22 930	.5	21	1 680	2.0	-	-	-
Texas.....	1 098	672 340	1.4	466	60 380	1.0	-	-	-
Utah.....	1	(D)	(D)	138	22 982	2.4	50	10 000	1.0
Washington.....	84	65 445	2.3	295	59 017	1.1	40	15 360	.5
Wisconsin.....	42	7 848	.6	46	3 779	.3	27	3 487	.2
Wyoming.....	76	12 525	1.4	139	14 310	1.4	-	-	-
Water resources areas:									
WRA 01 New England.....	26	(D)	1.2	16	2 860	.3	37	1 634	1.1
WRA 02 Mid-Atlantic.....	62	15 599	.6	130	15 170	.4	167	20 045	.7
WRA 03 South Atlantic-Gulf.....	471	132 659	1.0	1 010	75 801	.8	242	34 330	.3
WRA 04 Great Lakes.....	36	8 993	.5	220	25 661	.3	127	14 721	.3
WRA 05 Ohio.....	113	18 490	.5	33	3 319	.3	21	3 159	.5
WRA 06 Tennessee.....	19	488	.7	12	1 243	.3	2	(D)	(D)
WRA 07 Upper Mississippi.....	368	102 847	.5	143	11 383	.4	154	9 371	.3
WRA 08 Lower Mississippi.....	345	59 266	.8	119	31 288	.7	-	-	-
WRA 09 Souris-Red-Rainy.....	61	16 537	.5	14	803	.8	19	(D)	.4
WRA 10 Missouri.....	1 797	623 596	1.0	527	53 704	1.6	21	3 150	1.0
WRA 11 Arkansas-White-Red.....	1 209	790 252	1.5	211	31 386	.6	64	5 911	1.5
WRA 12 Texas-Gulf.....	826	437 730	1.3	472	55 990	1.2	-	-	-
WRA 13 Rio Grande.....	133	47 107	2.4	239	9 230	3.6	-	-	-
WRA 14 Upper Colorado.....	1	(D)	(D)	126	24 495	1.9	-	-	-
WRA 15 Lower Colorado.....	18	15 620	2.8	42	1 196	1.5	-	-	-
WRA 16 Great Basin.....	32	14 105	2.7	296	28 734	2.4	50	10 000	1.0
WRA 17 Pacific Northwest.....	280	148 723	2.0	1 232	207 359	1.3	243	42 225	.9
WRA 18 California.....	1 318	8 752	1.4	232	49 462	3.0	-	-	-

See footnotes at end of table .

Table 8. Estimated Quantity of Water Applied Using Only Sprinkler Systems to Distribute Water: 1994 and 1988—Con.

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

Geographic and water resources areas	Hand move			Solid set and permanent		
	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
TOTAL						
Conterminous						
United States 1994....	11 873	539 871	2.1	9 423	314 654	2.3
1988....	21 386	1 184 969	1.6	8 111	490 198	1.9
27 leading irrigation States 1994....	9 944	506 940	2.2	8 956	306 179	2.3
1988....	16 042	1 066 775	1.7	7 796	480 113	2.0
17 Western States 1994....	9 419	493 004	2.2	7 976	264 802	2.5
1988....	14 220	991 766	1.8	5 422	310 945	2.3
All other States 1994....	1 929	32 931	.9	467	8 475	2.4
1988....	5 344	118 194	.5	315	10 085	.6
1994 DATA						
Arizona.....	-	-	-	95	3 654	2.7
Arkansas.....	45	4 725	.2	211	3 165	1.8
California.....	2 427	143 258	3.4	4 859	158 184	2.4
Colorado.....	101	1 111	.4	-	-	-
Florida.....	-	-	-	632	30 092	1.6
Georgia.....	44	264	.3	-	-	-
Idaho.....	1 496	143 123	2.2	-	-	-
Illinois.....	59	1 269	.4	23	506	.4
Kansas.....	-	-	-	-	-	-
Louisiana.....	-	-	-	38	228	.1
Michigan.....	188	6 660	.4	187	4 408	.6
Minnesota.....	33	567	.2	15	300	.2
Mississippi.....	-	-	-	-	-	-
Missouri.....	92	1 004	.7	29	87	.5
Montana.....	851	38 366	1.2	-	-	-
Nebraska.....	-	-	-	-	-	-
Nevada.....	70	1 261	2.2	8	2 400	4.0
New Mexico.....	40	3 864	1.6	-	-	-
North Dakota.....	32	1 200	.8	-	-	-
Oklahoma.....	73	823	.4	15	60	.5
Oregon.....	1 282	71 522	1.3	703	21 621	1.2
South Dakota.....	-	-	-	-	-	-
Texas.....	698	9 776	1.4	114	114	1.5
Utah.....	519	8 955	2.6	-	-	-
Washington.....	1 787	62 920	1.5	1 933	75 376	3.0
Wisconsin.....	77	2 972	1.8	94	5 984	1.6
Wyoming.....	30	3 300	.5	-	-	-
Water resources areas:						
WRA 01 New England.....	82	1 127	.7	163	4 233	3.7
WRA 02 Mid-Atlantic.....	310	7 764	2.0	151	3 367	.9
WRA 03 South Atlantic-Gulf.....	1 294	19 633	.6	739	30 413	1.6
WRA 04 Great Lakes.....	285	10 527	.4	218	4 792	.7
WRA 05 Ohio.....	201	2 477	.5	23	250	.7
WRA 06 Tennessee.....	45	205	.6	-	-	-
WRA 07 Upper Mississippi.....	108	2 705	1.7	109	6 410	1.5
WRA 08 Lower Mississippi.....	45	4 725	.2	38	228	.1
WRA 09 Souris-Red-Rainy.....	17	585	1.3	15	300	.2
WRA 10 Missouri.....	136	7 924	1.6	-	-	-
WRA 11 Arkansas-White-Red.....	100	3 415	.8	255	3 312	1.8
WRA 12 Texas-Gulf.....	698	9 776	1.4	114	114	1.5
WRA 13 Rio Grande.....	13	1 272	2.9	-	-	-
WRA 14 Upper Colorado.....	220	5 746	.8	-	-	-
WRA 15 Lower Colorado.....	7	140	2.5	95	3 654	2.7
WRA 16 Great Basin.....	648	18 451	1.4	8	2 400	4.0
WRA 17 Pacific Northwest.....	5 234	300 021	1.8	2 626	93 317	2.7
WRA 18 California.....	2 430	143 378	3.4	4 869	161 864	2.4

¹May include some duplicate reporting of same land by two or more methods..