

Table 29. Land Irrigated in the Open by Sprinkler Systems: 2013 and 2008

[Excludes area under protection and institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text]

Geographic area	Farms	Acres irrigated	Center pivot system							
			Farms	Acres irrigated	Low pressure under 30 psi		Medium pressure 30 to 59 psi		High pressure 60 psi or more	
					Farms	Acres irrigated	Farms	Acres irrigated	Farms	Acres irrigated
United States2013	121,655	34,894,109	57,410	27,879,177	27,685	12,770,489	28,890	13,396,454	5,498	1,712,234
.....2008 ¹	114,348	30,877,057	53,395	25,620,477	26,970	13,142,448	23,556	10,890,479	6,484	1,587,550
2013 DATA										
Alabama	573	103,131	274	85,615	98	26,526	175	54,376	21	4,713
Alaska	66	1,018	2	(D)	1	(D)	1	(D)	-	-
Arizona	1,640	240,691	379	111,947	115	83,928	258	24,209	11	3,810
Arkansas	1,578	1,207,773	753	585,145	256	180,715	503	371,787	82	32,643
California	13,479	1,662,125	2,517	148,858	1,670	59,896	734	68,695	135	20,267
Colorado	5,550	1,470,829	3,135	1,249,417	1,442	586,545	1,706	635,657	173	27,215
Connecticut	303	2,691	65	165	34	78	21	21	10	66
Delaware	304	123,652	241	109,718	95	29,304	170	74,493	6	5,921
Florida	4,070	377,278	1,365	136,211	652	58,937	545	59,318	237	17,956
Georgia	2,556	1,135,450	1,725	1,017,219	509	242,544	1,245	687,416	223	87,259
Hawaii	729	10,233	152	814	73	(D)	79	(D)	37	(D)
Idaho	8,249	3,088,161	3,025	2,229,589	1,206	713,280	1,748	1,285,602	342	230,707
Illinois	1,359	583,527	1,026	500,126	390	184,113	614	286,309	111	29,704
Indiana	1,271	485,970	952	441,143	355	137,925	605	278,143	117	25,075
Iowa	645	179,003	480	170,545	190	64,375	271	99,157	51	7,013
Kansas	4,699	2,865,244	4,480	2,816,809	3,007	1,942,624	1,663	856,347	51	17,838
Kentucky	396	45,564	127	39,224	42	5,628	78	32,553	16	1,043
Louisiana	859	261,854	296	123,781	162	54,940	139	60,268	35	8,573
Maine	376	19,970	77	(D)	45	278	15	2,612	17	(D)
Maryland	511	102,059	288	88,323	137	38,706	167	47,270	20	2,347
Massachusetts	812	25,530	168	(D)	22	65	132	1,883	14	(D)
Michigan	2,430	589,389	1,016	477,236	248	114,367	679	277,617	258	85,252
Minnesota	1,737	527,697	1,323	483,164	591	211,046	718	234,697	176	37,421
Mississippi	1,087	530,478	665	430,872	244	142,511	380	222,000	107	66,361
Missouri	1,176	588,721	809	486,387	475	298,992	321	165,882	65	21,513
Montana	3,208	849,332	1,421	595,590	435	227,395	791	309,955	267	58,240
Nebraska	12,965	7,362,241	12,573	7,274,378	4,679	2,093,606	8,135	4,711,072	1,245	469,700
Nevada	837	289,042	348	238,337	164	102,171	186	129,341	12	6,825
New Hampshire	190	2,063	17	17	14	14	3	3	-	-
New Jersey	811	73,380	193	22,409	72	10,901	100	11,069	26	439
New Mexico	1,865	458,284	804	396,227	715	299,390	121	93,869	22	2,968
New York	922	39,351	159	10,894	100	8,542	51	1,812	19	540
North Carolina	1,440	131,949	358	70,447	167	32,961	174	29,508	47	7,978
North Dakota	419	194,545	376	189,942	163	77,384	205	99,540	30	13,018
Ohio	542	34,259	106	18,259	49	3,328	51	11,350	14	3,581
Oklahoma	1,243	429,033	847	412,333	648	289,101	223	117,294	24	5,938
Oregon	8,800	1,141,042	1,990	543,142	603	201,770	1,115	267,691	362	73,681
Pennsylvania	817	11,835	146	3,864	68	1,111	59	1,233	20	1,520
Rhode Island	128	2,552	26	372	16	217	8	150	5	5
South Carolina	690	108,599	312	90,029	104	31,583	163	49,096	85	9,350
South Dakota	967	332,929	827	318,708	306	90,710	466	203,471	151	24,527
Tennessee	532	146,200	278	128,181	110	41,422	174	81,742	21	5,017
Texas	8,761	3,980,081	5,787	3,717,821	4,797	3,267,610	1,075	440,595	87	9,616
Utah	6,569	663,834	1,592	326,144	667	124,696	930	176,708	126	24,740
Vermont	245	1,727	24	95	-	-	19	43	5	52
Virginia	553	43,194	182	23,547	51	(D)	134	16,443	1	(D)
Washington	8,618	1,420,224	1,697	990,074	807	448,522	834	426,619	218	114,933
West Virginia	98	712	18	(D)	8	(D)	6	6	4	(D)
Wisconsin	1,792	497,601	850	427,345	217	62,789	443	234,178	354	130,378
Wyoming	2,188	452,062	1,139	340,957	666	170,259	457	156,691	35	14,007
Water Resources Regions										
Region 01 New England	1,903	53,199	356	7,603	131	652	182	4,672	46	2,279
Region 02 Mid-Atlantic	3,407	372,837	1,076	(D)	457	88,036	617	149,925	82	(D)
Region 03 South Atlantic-Gulf	9,630	1,859,749	4,148	1,395,809	1,550	382,771	2,368	880,697	635	132,341
Region 04 Great Lakes	3,796	829,289	1,596	684,689	475	165,379	977	383,221	413	136,089
Region 05 Ohio	1,863	365,480	809	303,235	277	97,515	518	190,638	94	15,082
Region 06 Tennessee	470	57,752	145	48,760	43	(D)	98	28,919	13	(D)
Region 07 Upper Mississippi	4,917	1,602,717	3,384	1,422,446	1,362	478,859	1,788	771,390	625	172,197
Region 08 Lower Mississippi	3,280	2,351,503	1,989	1,468,485	916	602,128	1,104	754,792	216	111,565
Region 09 Souris-Red-Rainy	385	167,479	312	160,694	141	75,529	175	78,208	28	6,957
Region 10 Missouri	22,861	10,801,661	19,396	10,368,911	7,899	3,579,922	11,752	6,198,958	1,661	590,031
Region 11 Arkansas-White-Red	7,208	4,399,625	6,023	4,226,121	3,938	3,115,510	2,154	1,074,899	212	35,712
Region 12 Texas-Gulf	6,819	2,541,793	4,230	2,351,296	3,642	2,124,926	644	222,674	70	3,696
Region 13 Rio Grande	2,195	499,565	1,099	395,929	893	(D)	264	159,725	11	(D)
Region 14 Upper Colorado	4,734	494,751	1,418	235,601	813	85,924	632	138,876	57	10,801
Region 15 Lower Colorado	2,040	269,542	471	128,576	129	88,908	303	30,640	54	9,028
Region 16 Great Basin	5,271	833,044	1,332	521,476	586	235,467	737	261,952	72	24,057
Region 17 Pacific Northwest	26,223	5,605,272	6,847	3,697,494	2,671	1,327,606	3,703	1,974,690	996	395,198
Region 18 California	13,858	1,777,600	2,625	212,097	1,688	73,093	794	90,915	176	48,089
Region 19 Alaska	66	1,018	2	(D)	1	(D)	1	(D)	-	-
Region 20 Hawaii	729	10,233	152	814	73	(D)	79	(D)	37	(D)

See footnote(s) at end of table.

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Table 29. Land Irrigated in the Open by Sprinkler Systems: 2013 and 2008 (continued)

[Excludes area under protection and institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text]

Geographic area	Linear move tower sprinklers						Solid set and permanent sprinklers					
	Farms	Acres irrigated	Low pressure under 30 psi		Medium to high pressure 30 psi or more		Farms	Acres irrigated	Low pressure under 30 psi		Medium to high pressure 30 psi or more	
			Farms	Acres irrigated	Farms	Acres irrigated			Farms	Acres irrigated	Farms	Acres irrigated
United States2013 2008	4,717 2,583	625,566 395,380	1,718 1,475	257,237 239,724	3,089 1,129	368,329 155,656	20,797 23,323	1,486,739 1,184,953	5,447 6,534	341,288 195,255	16,052 17,226	1,145,451 989,698
2013 DATA												
Alabama	14	452	1	(D)	14	(D)	103	7,043	18	1,380	92	5,663
Alaska	2	(D)	-	-	2	(D)	10	10	-	-	10	10
Arizona	137	4,252	31	249	106	4,003	274	56,563	68	2,628	206	53,935
Arkansas	71	22,953	44	10,993	27	11,960	133	47,200	11	74	122	47,126
California	741	95,403	204	42,745	543	52,658	5,418	681,132	2,134	149,401	3,555	531,731
Colorado	276	13,543	198	11,324	78	2,219	991	39,789	76	807	922	38,982
Connecticut	14	21	7	(D)	7	(D)	54	1,661	30	700	24	961
Delaware	14	6,898	7	2,256	9	4,642	17	1,074	4	104	13	970
Florida	65	21,433	40	12,162	30	9,271	1,594	76,853	524	44,758	1,104	32,095
Georgia	45	12,132	9	1,260	36	10,872	447	39,071	157	12,618	297	26,453
Hawaii	19	869	6	30	13	839	146	2,490	43	205	103	2,285
Idaho	518	124,792	48	25,112	484	99,680	1,005	43,178	305	20,287	700	22,891
Illinois	85	8,603	37	2,249	50	6,354	84	6,445	25	4,220	59	2,225
Indiana	45	6,202	16	3,307	29	2,895	61	1,800	6	6	55	1,794
Iowa	12	2,072	5	(D)	9	(D)	30	353	-	-	30	353
Kansas	100	14,650	65	12,165	35	2,485	14	777	7	770	7	7
Kentucky	35	(D)	21	(D)	14	292	43	695	6	6	37	689
Louisiana	35	6,359	24	3,144	11	3,215	186	17,852	63	11,306	128	6,546
Maine	3	170	-	-	3	170	70	(D)	8	16	62	(D)
Maryland	17	1,360	5	576	12	784	56	468	8	128	48	340
Massachusetts	28	399	7	21	21	378	389	(D)	83	609	312	(D)
Michigan	87	4,338	13	140	74	4,198	528	25,305	54	3,206	485	22,099
Minnesota	40	10,270	17	6,063	30	4,207	128	4,078	16	1,648	115	2,430
Mississippi	60	8,405	11	4,374	49	4,031	79	10,790	8	(D)	72	(D)
Missouri	22	3,915	9	3,580	13	335	35	12,721	4	1,940	31	10,781
Montana	227	14,067	89	2,243	138	11,824	144	4,297	10	55	139	4,242
Nebraska	86	13,839	57	7,796	29	6,043	19	87	8	16	11	71
Nevada	36	7,408	5	340	33	7,068	20	4,381	1	(D)	19	(D)
New Hampshire	8	16	-	-	8	16	54	381	-	-	54	381
New Jersey	37	5,309	15	2,319	27	2,990	160	13,294	28	1,680	134	11,614
New Mexico	20	6,490	15	3,036	11	3,454	112	6,888	52	1,538	104	5,350
New York	65	2,142	50	98	23	2,044	166	2,169	31	245	145	1,924
North Carolina	73	5,797	35	632	53	5,165	341	11,606	102	2,847	258	8,759
North Dakota	7	1,020	4	330	3	690	13	95	-	-	13	95
Ohio	20	963	8	(D)	12	(D)	96	3,174	23	1,743	76	1,431
Oklahoma	57	3,338	36	1,232	21	2,106	37	1,905	-	-	37	1,905
Oregon	465	60,204	211	23,525	268	36,679	2,073	69,242	759	17,719	1,470	51,523
Pennsylvania	58	609	34	91	24	518	101	1,598	25	145	76	1,453
Rhode Island	12	12	12	12	-	-	9	-	6	42	3	(D)
South Carolina	4	1,044	-	-	4	1,044	119	3,851	37	1,143	93	2,708
South Dakota	7	811	4	640	3	171	20	1,615	-	-	20	1,615
Tennessee	21	1,347	12	(D)	9	(D)	71	660	26	166	45	494
Texas	146	71,789	119	61,363	28	10,426	737	31,884	276	24,688	461	7,196
Utah	238	22,664	30	3,475	208	19,189	709	23,146	147	4,157	646	18,989
Vermont	5	28	3	(D)	2	(D)	54	206	17	17	37	189
Virginia	14	1,490	3	220	11	1,270	121	2,629	1	(D)	120	(D)
Washington	491	19,620	124	5,085	367	14,535	3,236	170,954	213	24,722	3,039	146,232
West Virginia	-	-	-	-	-	-	11	65	-	-	11	65
Wisconsin	46	1,988	27	500	19	1,488	462	28,733	14	274	448	28,459
Wyoming	89	13,650	-	-	89	13,650	17	2,340	13	260	4	2,080
Water Resources Regions												
Region 01 New England	65	618	26	47	39	571	586	26,307	129	1,369	463	24,938
Region 02 Mid-Atlantic	129	16,730	47	5,463	97	11,267	527	18,672	83	2,237	456	16,435
Region 03 South Atlantic-Gulf	256	43,037	91	14,392	186	28,645	2,630	139,869	822	63,992	1,875	75,877
Region 04 Great Lakes	188	7,790	93	1,190	95	6,600	747	29,350	89	3,336	671	26,014
Region 05 Ohio	85	6,465	34	2,659	51	3,806	221	4,551	39	1,716	183	2,835
Region 06 Tennessee	13	(D)	5	5	8	(D)	83	2,389	41	602	53	1,787
Region 07 Upper Mississippi	165	16,998	79	8,686	88	8,312	616	36,752	47	4,937	569	31,815
Region 08 Lower Mississippi	102	31,954	74	19,193	28	12,761	318	84,258	71	14,072	253	70,186
Region 09 Souris-Red-Rainy	10	4,050	7	1,680	10	2,370	21	1,392	3	1,200	21	192
Region 10 Missouri	544	57,258	226	21,261	320	35,997	538	11,095	55	1,318	495	9,777
Region 11 Arkansas-White-Red	135	31,794	81	19,951	54	11,843	246	13,250	94	3,664	152	9,586
Region 12 Texas-Gulf	108	53,527	94	47,963	15	5,564	711	25,921	249	18,718	462	7,203
Region 13 Rio Grande	19	6,452	15	3,036	10	3,416	116	20,683	55	4,508	105	16,175
Region 14 Upper Colorado	227	15,815	191	11,430	36	4,385	573	22,113	21	630	552	21,483
Region 15 Lower Colorado	137	4,252	31	249	106	4,003	404	59,301	96	3,652	328	55,649
Region 16 Great Basin	215	23,172	10	1,435	207	21,737	516	20,845	107	3,027	473	17,818
Region 17 Pacific Northwest	1,551	205,366	401	53,562	1,178	151,804	6,372	282,969	1,274	62,608	5,270	220,361
Region 18 California	747	97,873	207	45,005	546	52,868	5,416	684,522	2,129	149,497	3,558	535,025
Region 19 Alaska	2	(D)	-	-	2	(D)	10	10	-	-	10	10
Region 20 Hawaii	19	869	6	30	13	839	146	2,490	43	205	103	2,285

See footnote(s) at end of table.

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Table 29. Land Irrigated in the Open by Sprinkler Systems: 2013 and 2008 (continued)

[Excludes area under protection and institutional, research, and experimental farms. For meaning of abbreviations and symbols see introductory text]

Geographic area	Side roll, wheel move, or other mechanical move		Big gun or traveler		Hand move		Other sprinkler system (see text)	
	Farms	Acres irrigated	Farms	Acres irrigated	Farms	Acres irrigated	Farms	Acres irrigated
United States2013	16,806	1,859,017	8,446	558,308	29,936	820,806	11,973	1,664,496
.....2008 ¹	18,656	1,885,420	9,906	696,380	29,461	1,094,447	(NA)	(NA)
2013 DATA								
Alabama	23	2,489	55	4,653	159	1,238	50	1,641
Alaska	8	185	2	(D)	57	(D)	12	17
Arizona	199	8,776	125	899	437	32,287	213	25,967
Arkansas	43	17,168	122	16,433	138	35,664	549	483,210
California	869	166,574	107	5,906	3,468	138,084	1,918	426,168
Colorado	635	75,024	40	348	1,276	30,767	329	61,941
Connecticut	10	37	36	163	177	321	44	323
Delaware	35	2,753	39	2,336	14	470	27	403
Florida	132	15,277	319	29,910	390	2,902	1,081	94,692
Georgia	119	19,625	281	28,011	293	2,810	207	16,582
Hawaii	8	38	12	1,565	306	1,130	199	3,327
Idaho	2,784	458,719	403	5,906	4,261	199,658	472	26,319
Illinois	107	56,474	123	8,356	158	1,485	69	2,038
Indiana	82	22,506	133	12,128	159	672	83	1,519
Iowa	42	3,915	18	1,598	112	447	23	73
Kansas	114	20,023	39	929	115	180	97	11,876
Kentucky	24	2,083	42	1,884	132	(D)	59	789
Louisiana	18	2,727	44	6,476	130	14,513	294	90,146
Maine	2	(D)	20	2,981	212	429	35	62
Maryland	14	4,224	56	5,548	102	385	51	1,751
Massachusetts	22	985	107	5,864	259	2,884	84	547
Michigan	88	9,177	617	60,921	570	5,609	307	6,803
Minnesota	50	12,391	192	13,685	200	1,576	78	2,533
Mississippi	27	12,135	60	3,327	171	1,444	148	63,505
Missouri	114	17,322	126	5,310	198	1,654	159	61,412
Montana	1,352	164,267	304	8,539	1,074	44,766	182	17,806
Nebraska	152	8,112	297	9,496	541	8,826	189	47,503
Nevada	393	25,951	8	24	169	3,333	81	9,608
New Hampshire	25	185	20	1,128	105	219	37	117
New Jersey	20	2,118	255	23,640	262	5,054	124	1,556
New Mexico	220	25,943	6	1,449	591	12,254	249	9,033
New York	23	2,121	237	16,032	429	2,749	177	3,244
North Carolina	31	6,320	386	30,563	370	4,548	151	2,668
North Dakota	4	1,200	16	825	26	587	12	876
Ohio	10	244	108	7,368	230	2,344	102	1,907
Oklahoma	113	6,384	33	682	295	2,673	51	1,718
Oregon	2,240	224,305	1,601	88,896	3,278	121,504	1,316	33,749
Pennsylvania	48	537	97	3,437	362	1,035	170	755
Rhode Island	3	(D)	10	1,183	67	627	30	254
South Carolina	30	5,799	53	5,371	179	968	85	1,537
South Dakota	33	3,297	32	1,078	89	3,724	52	3,696
Tennessee	22	8,968	37	4,078	111	665	58	2,301
Texas	794	45,840	531	36,532	832	10,619	1,016	65,596
Utah	3,757	230,474	167	6,005	2,668	45,357	412	10,044
Vermont	9	134	22	173	176	1,039	19	52
Virginia	29	1,942	103	8,891	163	1,431	174	3,264
Washington	1,309	92,229	517	56,098	3,529	45,923	460	45,326
West Virginia	-	-	5	(D)	66	(D)	9	21
Wisconsin	64	15,111	240	15,973	368	3,881	167	4,570
Wyoming	556	56,863	243	5,538	462	19,063	62	13,651
Water Resources Regions								
Region 01 New England	63	1,363	201	11,391	887	4,601	243	1,316
Region 02 Mid-Atlantic	166	13,498	721	55,570	1,081	(D)	651	10,210
Region 03 South Atlantic-Gulf	343	50,045	1,107	101,233	1,442	12,880	1,631	116,876
Region 04 Great Lakes	131	14,166	822	72,135	1,046	9,577	443	11,582
Region 05 Ohio	104	27,789	227	19,222	557	2,914	244	1,304
Region 06 Tennessee	12	827	50	2,424	197	(D)	43	1,256
Region 07 Upper Mississippi	230	78,359	488	33,864	683	6,591	277	7,707
Region 08 Lower Mississippi	123	52,405	126	23,033	238	51,194	863	640,174
Region 09 Souris-Red-Rainy	6	680	3	(D)	55	(D)	6	6
Region 10 Missouri	1,690	170,769	794	25,095	2,183	51,174	754	117,359
Region 11 Arkansas-White-Red	251	33,565	184	6,176	543	4,043	485	84,676
Region 12 Texas-Gulf	783	34,219	507	27,652	659	9,450	787	39,728
Region 13 Rio Grande	174	40,823	30	10,329	658	7,282	268	18,067
Region 14 Upper Colorado	2,003	134,270	56	3,186	1,581	51,888	229	31,878
Region 15 Lower Colorado	445	14,072	149	2,711	401	34,663	213	25,967
Region 16 Great Basin	2,859	197,756	130	1,652	2,163	50,233	367	17,910
Region 17 Pacific Northwest	6,232	787,457	2,707	152,612	11,642	372,362	2,328	107,012
Region 18 California	1,175	206,731	130	8,406	3,557	139,847	1,930	428,124
Region 19 Alaska	8	185	2	(D)	57	(D)	12	17
Region 20 Hawaii	8	38	12	1,565	306	1,130	199	3,327

¹ 2008 data do not include non-horticultural field crops and pasture acreage on horticulture operations.