

Table 10. Irrigation by Estimated Quantity of Water Applied: 2023 and 2018

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

Geographic area	Acres in the open											
	Total			Less than 100 acre-feet			100 to 199 acre-feet			200 to 499 acre-feet		
	Farms	Acres irrigated	Acres-foot of water applied	Farms	Acres irrigated	Acres-foot of water applied	Farms	Acres irrigated	Acres-foot of water applied	Farms	Acres irrigated	Acres-foot of water applied
United States2023	201,429	53,076,539	80,937,415	133,829	3,315,615	2,770,009	17,732	2,726,281	2,506,749	20,150	6,176,888	6,352,712
.....2018	220,566	55,886,470	83,332,760	145,428	4,501,839	2,979,498	20,832	3,487,471	2,908,005	22,748	7,484,890	7,209,250
2023 DATA												
Alabama	1,101	(D)	114,339	938	42,387	19,212	54	(D)	7,073	62	29,116	21,226
Alaska	219	(D)	1,159	217	(D)	(D)	-	-	-	2	(D)	(D)
Arizona	2,998	920,420	3,927,289	1,986	19,004	37,324	157	9,722	20,497	154	16,838	52,090
Arkansas	2,771	4,645,925	5,165,689	648	20,712	12,159	135	22,505	20,411	227	104,104	77,105
California	37,159	7,755,846	22,599,562	24,515	353,269	531,587	2,811	187,113	403,556	3,389	467,357	1,075,302
Colorado	12,764	2,367,382	3,740,814	8,235	166,289	183,415	1,535	171,018	218,792	1,205	268,072	376,562
Connecticut	444	3,645	4,646	436	2,181	1,655	2	(D)	(D)	4	608	1,070
Delaware	401	(D)	85,821	202	16,809	6,110	90	21,983	12,925	51	28,122	14,936
Florida	6,594	1,135,824	1,177,858	5,517	78,687	70,531	383	65,632	53,756	345	116,191	105,370
Georgia	4,079	1,221,632	1,298,711	2,831	123,011	59,214	303	80,783	42,371	413	166,437	134,177
Hawaii	1,584	(D)	55,589	1,546	9,104	8,822	20	(D)	(D)	5	(D)	1,730
Idaho	11,864	3,180,644	5,406,523	8,272	170,767	176,534	820	100,603	113,710	885	211,043	286,592
Illinois	1,950	679,401	409,679	1,212	68,082	31,496	247	74,069	37,047	281	164,554	74,578
Indiana	2,084	581,477	303,886	1,468	88,788	29,563	227	88,160	35,199	216	155,788	64,707
Iowa	1,039	234,886	125,420	735	39,406	20,404	135	33,459	17,695	112	80,505	40,371
Kansas	4,104	2,324,901	2,570,383	1,401	99,432	54,624	808	156,125	116,842	835	275,319	258,296
Kentucky	879	81,034	44,674	819	16,329	7,241	21	(D)	(D)	17	6,060	5,573
Louisiana	1,754	1,305,572	1,403,444	566	16,201	7,503	195	38,506	26,983	235	112,271	74,594
Maine	358	(D)	5,407	349	3,394	1,207	2	(D)	(D)	3	1,900	810
Maryland	767	(D)	62,740	602	29,713	10,475	87	31,152	(D)	54	34,912	16,855
Massachusetts	1,104	(D)	13,147	1,080	12,991	6,076	9	(D)	(D)	13	2,562	3,493
Michigan	3,912	746,242	417,925	3,250	153,917	61,789	310	118,222	41,193	179	115,701	57,260
Minnesota	2,169	557,770	393,326	1,398	78,924	40,988	300	76,794	42,209	284	124,424	80,848
Mississippi	1,560	1,713,175	1,465,708	655	26,424	13,463	128	33,992	17,821	201	113,971	67,258
Missouri	2,115	1,486,605	1,192,401	1,198	44,760	17,647	189	50,014	26,379	242	162,667	79,918
Montana	6,913	1,561,047	1,879,427	4,278	137,199	106,540	772	113,311	109,720	961	314,438	314,230
Nebraska	13,057	7,305,558	6,813,805	3,776	323,052	190,133	2,340	461,762	336,029	3,260	1,389,366	1,048,378
Nevada	1,598	767,294	2,248,790	650	12,049	23,050	128	8,073	15,386	286	31,137	96,509
New Hampshire	249	1,765	1,013	249	1,765	1,013	-	-	-	-	-	-
New Jersey	1,090	69,373	38,099	1,002	26,471	11,762	30	(D)	(D)	48	21,412	13,571
New Mexico	7,645	583,414	1,210,959	6,492	84,756	126,317	353	28,188	49,692	395	60,109	121,396
New York	1,759	47,118	22,607	1,718	32,549	13,664	33	(D)	(D)	4	3,031	1,255
North Carolina	2,481	150,265	120,223	2,256	49,085	31,927	97	17,015	12,738	86	30,781	25,346
North Dakota	577	246,301	167,778	246	23,464	9,075	125	34,568	17,597	128	54,350	37,160
Ohio	1,401	53,996	35,017	1,331	22,235	10,809	16	(D)	(D)	46	12,023	12,942
Oklahoma	1,641	538,934	665,291	948	44,378	25,915	157	30,366	21,748	275	84,644	84,378
Oregon	12,366	1,445,030	2,478,499	9,814	175,791	158,711	710	94,237	103,860	744	148,387	231,592
Pennsylvania	1,661	28,104	19,392	1,640	20,341	12,752	12	3,536	1,843	6	2,112	2,046
Rhode Island	169	(D)	2,965	160	1,335	772	3	(D)	464	6	1,880	1,729
South Carolina	1,420	(D)	147,461	1,180	28,706	12,660	82	(D)	11,635	85	30,575	24,909
South Dakota	1,298	379,485	257,704	648	50,735	24,216	222	54,101	32,837	338	142,119	102,486
Tennessee	1,072	173,528	80,834	929	41,655	12,335	59	22,009	8,319	46	38,865	15,041
Texas	10,572	3,720,978	4,599,571	6,260	157,776	140,828	1,080	156,363	147,663	1,260	462,809	411,116
Utah	10,401	985,863	2,221,470	7,438	125,478	179,062	989	72,800	134,932	1,024	160,481	300,546
Vermont	337	2,330	2,775	334	1,611	1,229	1	(D)	(D)	-	-	-
Virginia	1,131	(D)	34,365	1,058	21,241	8,946	24	(D)	(D)	34	11,241	9,287
Washington	9,824	1,704,878	3,636,947	7,260	111,514	140,971	694	65,369	97,122	808	167,546	250,673
West Virginia	229	1,775	1,068	228	(D)	(D)	-	-	-	1	(D)	(D)
Wisconsin	2,330	480,561	440,473	1,637	53,546	25,459	284	69,849	40,760	232	91,001	72,693
Wyoming	4,435	1,148,044	1,824,742	2,221	86,243	91,591	553	60,839	74,922	683	157,597	203,714
Water Resource Regions												
Region 01 New England	2,399	47,344	29,267	2,347	22,288	11,374	16	(D)	(D)	26	6,950	7,102
Region 02 Mid-Atlantic	5,604	438,415	249,422	5,031	131,403	55,972	276	81,216	40,195	187	97,535	55,029
Region 03 South Atlantic-Gulf	15,697	2,816,046	2,843,508	12,758	319,803	192,587	899	189,828	123,988	1,008	373,793	315,637
Region 04 Great Lakes	6,264	970,903	553,119	5,333	201,246	82,376	434	158,030	58,901	264	152,438	81,512
Region 05 Ohio	3,911	479,026	271,137	3,445	85,528	35,128	151	52,665	23,185	177	136,075	53,285
Region 06 Tennessee	1,063	(D)	51,102	993	(D)	(D)	29	(D)	4,486	22	17,671	(D)
Region 07 Upper Mississippi	7,073	(D)	1,283,578	4,730	(D)	114,488	880	244,504	126,904	831	407,817	246,721
Region 08 Lower Mississippi	5,978	(D)	8,418,276	1,485	(D)	38,927	505	112,228	70,088	763	418,296	258,894
Region 09 Souris-Red-Rainy	456	(D)	127,799	216	(D)	5,984	95	30,225	15,287	91	40,448	27,067
Region 10 Missouri	29,233	11,797,087	12,351,441	12,439	677,033	455,164	4,505	827,763	643,135	6,051	2,306,180	1,911,664
Region 11 Arkansas-White-Red	8,878	4,851,498	6,137,419	3,854	146,751	104,407	1,238	197,116	176,673	1,296	398,628	410,564
Region 12 Texas-Gulf	8,331	2,334,549	2,650,201	5,166	128,083	116,651	820	120,461	111,345	1,057	396,798	352,154
Region 13 Rio Grande	6,688	703,426	1,394,677	5,305	71,654	108,420	457	45,242	68,104	321	53,176	103,868
Region 14 Upper Colorado	10,819	1,293,341	2,174,034	7,859	146,693	169,584	1,143	108,533	154,200	800	159,206	247,316
Region 15 Lower Colorado	3,530	1,053,465	4,527,355	2,369	22,176	45,049	236	13,800	31,680	154	16,838	52,090
Region 16 Great Basin	10,493	1,608,762	4,052,734	7,145	120,202	165,605	901	68,677	122,688	1,227	180,002	368,804
Region 17 Pacific Northwest	35,615	6,390,033	11,465,253	26,880	498,667	511,585	2,271	273,624	322,653	2,355	518,644	735,719
Region 18 California	37,594	7,768,745	22,300,345	24,711	359,360	537,357	2,856	189,693	408,496	3,513	494,331	1,116,639
Region 19 Alaska	219	(D)	1,159	217	(D)	(D)	-	-	-	2	(D)	(D)
Region 20 Hawaii	1,584	(D)	55,589	1,546	9,104	8,822	20	(D)	(D)	5	(D)	1,730

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Table 10. Irrigation by Estimated Quantity of Water Applied: 2023 and 2018 (continued)

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

Geographic area	Acres in the open - con.								
	500 to 999 acre-feet			1,000 to 1,999 acre-feet			2,000 acre-feet or more		
	Farms	Acres irrigated	Acres-foot of water applied	Farms	Acres irrigated	Acres-foot of water applied	Farms	Acres irrigated	Acres-foot of water applied
United States 2023	12,208	7,252,199	8,581,878	8,801	8,911,011	12,137,434	8,709	24,694,545	48,588,633
..... 2018	13,631	8,532,800	9,563,173	9,222	9,250,342	12,832,775	8,705	22,629,128	47,840,059
2023 DATA									
Alabama	22	22,847	14,869	14	30,874	18,419	11	22,232	33,540
Alaska	-	-	-	-	-	-	-	-	-
Arizona	169	40,491	104,567	182	67,385	256,769	350	766,980	3,456,042
Arkansas	374	348,818	281,611	428	649,911	623,275	959	3,499,875	4,151,128
California	2,143	658,687	1,530,190	1,819	908,698	2,479,838	2,482	5,180,722	16,579,089
Colorado	851	427,704	628,926	559	442,145	737,283	379	892,154	1,595,836
Connecticut	2	(D)	(D)	-	-	-	-	-	-
Delaware	47	39,644	31,650	7	16,943	10,854	4	(D)	9,346
Florida	151	87,283	98,972	125	171,220	175,559	73	616,811	673,670
Georgia	274	247,058	177,701	157	194,192	219,007	101	410,151	666,241
Hawaii	4	1,753	2,646	2	(D)	(D)	7	20,970	37,643
Idaho	754	354,477	553,745	545	478,161	775,255	588	1,865,593	3,500,687
Illinois	117	120,327	80,329	85	159,276	112,133	28	93,093	74,096
Indiana	125	128,617	85,109	36	65,844	47,144	12	54,280	42,164
Iowa	44	51,494	27,526	10	17,567	12,581	3	12,455	6,843
Kansas	293	189,678	197,806	463	590,801	631,727	304	1,013,546	1,311,088
Kentucky	9	15,516	6,534	11	26,264	13,681	2	(D)	(D)
Louisiana	258	192,902	179,131	287	407,809	387,126	213	537,883	728,107
Maine	3	(D)	1,871	1	(D)	(D)	-	-	-
Maryland	20	27,194	14,223	3	(D)	3,928	1	(D)	(D)
Massachusetts	1	(D)	(D)	1	(D)	(D)	-	-	-
Michigan	96	98,389	67,661	49	97,729	75,008	28	162,284	115,014
Minnesota	105	94,273	76,081	66	111,689	90,140	16	71,666	63,060
Mississippi	142	159,806	106,393	193	333,256	283,380	241	1,045,726	977,393
Missouri	107	147,773	79,235	204	384,178	295,231	175	697,213	693,991
Montana	495	324,756	342,060	255	253,498	331,460	152	417,845	675,417
Nebraska	2,119	1,636,368	1,481,093	971	1,466,965	1,323,591	591	2,028,045	2,434,581
Nevada	100	23,240	71,356	208	141,916	327,045	226	550,879	1,715,444
New Hampshire	-	-	-	-	-	-	-	-	-
New Jersey	8	7,930	5,336	2	(D)	(D)	-	-	-
New Mexico	206	94,602	145,294	123	57,400	193,247	76	258,359	575,013
New York	3	3,143	2,177	1	(D)	(D)	-	-	-
North Carolina	25	19,910	19,018	13	16,974	15,948	4	16,500	15,246
North Dakota	47	37,630	29,011	20	39,198	28,389	11	57,091	46,546
Ohio	4	4,878	2,343	3	7,547	4,189	1	(D)	(D)
Oklahoma	78	41,680	52,225	77	83,161	100,843	106	254,705	380,182
Oregon	605	262,372	389,538	271	194,828	378,473	222	569,415	1,216,325
Pennsylvania	3	2,115	2,751	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
South Carolina	38	35,336	25,067	19	28,356	26,736	16	43,532	46,454
South Dakota	67	72,580	46,260	19	22,800	19,950	4	37,150	31,955
Tennessee	24	35,302	16,196	5	15,412	6,987	9	20,285	21,956
Texas	862	567,699	617,882	627	731,763	854,458	483	1,644,568	2,427,624
Utah	431	176,529	313,874	295	174,857	405,010	224	275,718	888,046
Vermont	2	(D)	(D)	-	-	-	-	-	-
Virginia	13	14,897	10,099	2	(D)	(D)	-	-	-
Washington	411	156,968	283,277	271	185,938	379,621	380	1,017,543	2,485,283
West Virginia	-	-	-	-	-	-	-	-	-
Wisconsin	85	73,255	55,589	64	72,887	86,389	28	120,023	159,583
Wyoming	471	197,593	320,909	308	249,404	394,774	199	396,368	738,832
Water Resource Regions									
Region 01 New England	8	8,685	5,618	2	(D)	(D)	-	-	-
Region 02 Mid-Atlantic	90	90,780	63,292	15	24,931	21,588	5	12,550	13,346
Region 03 South Atlantic-Gulf	508	408,761	334,124	320	420,800	444,301	204	1,103,061	1,432,871
Region 04 Great Lakes	128	132,864	88,328	71	136,857	105,505	34	189,468	136,497
Region 05 Ohio	84	77,099	56,924	36	64,595	50,481	18	63,064	52,134
Region 06 Tennessee	5	5,773	3,557	7	19,050	10,308	7	11,841	16,464
Region 07 Upper Mississippi	355	346,427	245,290	218	351,897	286,521	59	251,149	263,654
Region 08 Lower Mississippi	794	787,373	584,077	968	1,580,200	1,394,689	1,463	5,385,219	6,071,601
Region 09 Souris-Red-Rainy	22	18,255	13,759	24	38,602	31,653	8	37,979	34,049
Region 10 Missouri	3,368	2,402,907	2,373,670	1,752	2,198,046	2,330,188	1,118	3,385,158	4,637,620
Region 11 Arkansas-White-Red	762	446,685	541,717	891	1,029,274	1,198,090	837	2,633,044	3,705,968
Region 12 Texas-Gulf	674	457,343	482,569	390	505,599	532,991	224	726,265	1,054,491
Region 13 Rio Grande	294	126,237	201,330	212	152,782	303,634	99	254,335	609,321
Region 14 Upper Colorado	484	226,127	337,741	337	235,584	462,588	196	417,198	802,605
Region 15 Lower Colorado	170	40,685	105,092	226	87,361	330,425	375	872,605	3,963,019
Region 16 Great Basin	392	135,953	292,879	410	274,397	592,472	418	829,531	2,510,286
Region 17 Pacific Northwest	1,888	866,370	1,297,037	1,065	850,585	1,509,042	1,156	3,382,143	7,089,217
Region 18 California	2,178	672,122	1,552,228	1,855	934,274	2,527,778	2,481	5,118,965	16,157,847
Region 19 Alaska	-	-	-	-	-	-	-	-	-
Region 20 Hawaii	4	1,753	2,646	2	(D)	(D)	7	20,970	37,643

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Table 10. Irrigation by Estimated Quantity of Water Applied: 2023 and 2018 (continued)

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

Geographic area	Area under protection											
	Total			Less than 250,000 gallons			250,000 to 499,999 gallons			500,000 to 999,999 gallons		
	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)
United States2023	26,716	1,721,886,383	22,294,226	20,284	152,911,461	974,908	2,131	97,740,806	752,742	1,487	93,846,549	1,053,170
.....2018	24,876	(NA)	15,704,320	19,413	(NA)	961,973	1,911	(NA)	667,078	1,412	(NA)	973,475
2023 DATA												
Alabama	260	12,859,190	200,197	177	670,250	5,167	17	671,500	8,486	45	2,845,080	32,125
Alaska	251	1,627,816	7,939	247	1,126,696	4,102	-	-	-	3	(D)	(D)
Arizona	181	21,992,426	183,734	71	313,270	3,896	54	3,569,580	17,366	25	864,240	17,691
Arkansas	148	5,447,084	60,762	119	802,194	4,994	3	(D)	887	13	1,229,850	8,657
California	2,047	363,330,842	4,209,171	1,217	13,028,683	73,990	203	9,471,344	71,984	158	9,824,590	119,168
Colorado	556	18,382,301	318,828	413	1,837,278	17,155	54	2,323,600	19,280	11	633,800	8,119
Connecticut	368	24,099,129	286,959	269	3,340,029	17,225	41	1,162,400	12,430	17	785,900	10,411
Delaware	36	1,322,428	6,265	28	(D)	(D)	2	(D)	(D)	5	540,080	2,824
Florida	1,667	378,982,374	6,029,258	819	5,175,978	36,242	134	8,500,780	50,650	204	8,384,620	153,836
Georgia	465	16,878,623	137,489	395	3,418,439	18,853	38	1,795,264	14,914	-	-	-
Hawaii	519	28,096,748	295,374	303	2,401,728	(D)	65	(D)	18,954	75	4,987,120	46,067
Idaho	287	2,421,911	41,237	265	1,051,735	10,691	3	111,000	1,402	12	394,680	8,309
Illinois	574	25,293,626	334,917	440	3,348,310	35,304	28	1,765,776	8,878	37	2,778,660	31,593
Indiana	544	16,455,770	278,972	450	4,083,486	18,288	50	1,389,044	15,761	-	-	-
Iowa	323	11,172,960	228,548	286	1,184,220	14,187	-	-	-	20	(D)	15,053
Kansas	258	6,600,028	104,091	195	1,065,648	11,834	32	635,400	9,646	13	505,740	9,145
Kentucky	710	9,170,047	79,314	644	4,761,895	26,681	31	826,500	9,395	19	1,992,940	10,142
Louisiana	253	14,312,290	206,357	170	1,044,610	10,207	5	87,000	1,798	27	3,767,980	21,161
Maine	332	5,257,816	31,813	327	1,587,349	11,313	3	(D)	(D)	-	-	-
Maryland	335	13,938,928	182,662	257	1,865,672	16,185	33	1,876,848	(D)	21	1,297,896	17,161
Massachusetts	401	10,798,622	159,903	282	2,063,418	21,019	7	(D)	(D)	84	2,698,564	59,494
Michigan	1,615	141,161,153	1,615,952	1,065	12,228,826	41,448	156	5,337,220	51,408	95	7,200,622	67,402
Minnesota	483	16,470,436	297,987	381	2,885,424	23,306	50	968,320	20,736	24	988,480	13,342
Mississippi	193	5,535,045	64,009	139	1,292,305	(D)	23	(D)	9,103	16	941,160	10,257
Missouri	573	12,075,602	95,233	500	4,215,562	29,128	55	3,181,520	19,259	5	480,000	4,424
Montana	312	2,997,212	54,576	256	837,762	(D)	29	843,240	11,115	14	531,480	10,200
Nebraska	206	3,396,228	51,527	167	920,180	12,813	17	265,728	5,729	16	369,480	10,049
Nevada	80	674,134	9,199	68	227,434	2,240	6	196,020	1,990	3	120,000	1,905
New Hampshire	245	5,548,723	49,933	200	2,245,363	11,433	10	435,600	(D)	31	1,670,800	20,184
New Jersey	436	41,977,776	491,552	338	3,393,874	25,765	1	(D)	(D)	1	(D)	(D)
New Mexico	287	2,987,464	47,271	259	829,622	7,766	15	292,842	4,421	-	-	-
New York	1,446	46,271,926	559,335	1,127	6,805,882	68,934	158	9,834,320	64,386	48	4,139,920	30,196
North Carolina	1,202	33,056,546	319,482	1,117	11,133,062	44,039	29	1,482,680	10,441	39	2,100,754	32,214
North Dakota	53	653,150	10,977	42	(D)	(D)	6	252,000	1,622	3	(D)	2,653
Ohio	1,046	65,745,243	568,670	806	7,727,202	39,700	96	5,880,222	33,202	16	1,294,240	10,986
Oklahoma	164	5,305,060	56,718	112	729,040	5,296	39	2,854,220	12,315	8	138,240	4,147
Oregon	1,092	69,493,438	925,065	803	3,663,634	28,555	79	4,479,560	30,156	90	7,906,520	65,255
Pennsylvania	1,367	53,793,143	340,352	1,089	13,689,049	64,513	141	5,190,054	52,016	77	6,124,090	52,816
Rhode Island	132	1,797,847	17,253	118	894,847	4,347	7	(D)	(D)	4	344,000	2,326
South Carolina	432	6,301,189	52,817	399	1,630,820	(D)	-	-	-	23	(D)	12,206
South Dakota	116	2,182,771	24,425	111	831,571	6,369	-	-	-	-	-	-
Tennessee	527	10,027,549	75,693	430	2,473,129	21,832	69	2,096,520	20,705	19	(D)	(D)
Texas	653	125,179,812	2,116,398	342	3,493,796	13,165	105	5,941,656	38,708	76	5,203,166	52,680
Utah	179	7,309,038	131,794	119	686,016	6,790	28	929,062	10,071	15	1,083,360	10,236
Vermont	335	3,389,171	25,750	300	1,849,252	7,038	18	778,999	5,650	17	760,920	13,063
Virginia	631	22,777,843	404,177	549	3,913,951	26,859	7	(D)	(D)	1	(D)	(D)
Washington	878	22,191,094	249,958	757	3,335,784	26,771	62	1,574,000	20,182	21	2,085,080	17,497
West Virginia	374	3,062,923	28,095	370	1,688,936	8,093	1	(D)	(D)	1	(D)	(D)
Wisconsin	998	21,662,418	221,319	804	4,497,942	43,384	119	6,102,880	40,438	33	3,150,316	22,329
Wyoming	146	421,490	4,913	142	(D)	(D)	2	(D)	(D)	2	(D)	(D)
Water Resource Regions												
Region 01 New England	1,574	48,060,313	550,221	1,292	10,689,182	69,696	68	2,347,667	22,719	136	5,499,264	92,415
Region 02 Mid-Atlantic	3,156	154,628,160	1,635,336	2,486	24,902,462	157,897	271	16,523,326	103,743	129	11,683,386	92,074
Region 03 South Atlantic-Gulf	4,101	453,114,544	6,859,727	2,910	23,155,839	120,105	231	12,952,264	90,236	327	15,273,494	240,639
Region 04 Great Lakes	3,236	219,295,359	2,430,675	2,270	22,481,146	101,164	363	14,387,545	128,610	168	11,434,282	114,589
Region 05 Ohio	2,681	60,263,258	674,690	2,325	15,194,163	90,789	156	4,843,316	48,158	52	4,467,927	30,100
Region 06 Tennessee	531	7,601,730	58,520	481	2,603,830	16,639	44	1,342,520	14,051	1	(D)	(D)
Region 07 Upper Mississippi	2,079	54,232,136	714,484	1,767	10,979,992	109,021	96	5,796,936	36,292	87	4,938,956	64,746
Region 08 Lower Mississippi	383	17,662,010	240,399	252	1,537,330	12,476	43	1,009,000	12,665	27	3,781,980	20,871
Region 09 Souris-Red-Rainy	63	1,732,290	19,464	51	187,850	(D)	6	(D)	1,622	3	147,000	(D)
Region 10 Missouri	1,416	40,101,510	606,199	1,152	6,695,159	64,147	147	5,723,128	49,544	45	1,891,700	31,070
Region 11 Arkansas-White-Red	635	17,229,218	204,830	500	3,948,048	23,982	66	3,694,400	21,671	45	2,399,530	29,847
Region 12 Texas-Gulf	579	115,153,432	2,053,191	304	2,565,216	10,772	96	5,730,096	35,628	52	4,157,720	35,927
Region 13 Rio Grande	286	10,149,020	72,089	265	862,722	8,476	10	225,498	3,118	-	-	-
Region 14 Upper Colorado	274	4,286,644	97,871	197	735,840	6,436	18	459,484	6,002	8	198,000	4,840
Region 15 Lower Colorado	259	22,748,554	202,439	130	419,038	5,457	62	3,757,260	20,150	30	1,064,240	21,067
Region 16 Great Basin	179	7,032,422	120,110	131	797,140	7,409	24	891,322	8,740	10	865,360	7,184
Region 17 Pacific Northwest	2,445	95,321,425	1,238,778	1,982	8,380,445	69,148	162	6,657,200	58,854	131	10,655,080	97,700
Region 18 California	2,069	363,549,794	4,211,888	1,239	13,247,635	76,707	203	9,471,344	71,984	158	9,824,590	119,168
Region 19 Alaska	251	1,627,816	7,939	247	1,126,696	4,102	-	-	-	3	(D)	(D)
Region 20 Hawaii	519	28,096,748	295,374	303	2,401,728	(D)	65	(D)	18,954	75	4,987,120	46,067

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Table 10. Irrigation by Estimated Quantity of Water Applied: 2023 and 2018 (continued)

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

Geographic area	Area under protection - con.								
	1,000,000 to 1,999,999 gallons			2,000,000 to 4,999,999 gallons			5,000,000 gallons or more		
	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)	Farms	Square feet irrigated	Gallons applied (1,000)
United States 2023	1,083	142,083,094	1,479,349	977	282,635,285	2,966,080	754	952,669,188	15,067,977
..... 2018	959	(NA)	1,297,353	572	(NA)	1,724,090	609	(NA)	10,080,351
2023 DATA									
Alabama	-	-	-	16	2,720,280	58,750	5	5,952,080	95,669
Alaska	-	-	-	1	(D)	(D)	-	-	-
Arizona	7	1,245,816	11,400	14	4,356,000	52,506	10	11,643,520	80,874
Arkansas	3	(D)	4,500	4	922,800	11,176	6	2,090,880	30,547
California	137	19,383,048	187,955	162	54,850,864	557,299	170	256,772,313	3,198,775
Colorado	52	3,111,820	75,804	19	4,530,040	47,171	7	5,945,763	151,300
Connecticut	11	2,655,360	15,374	26	6,239,240	67,006	4	9,916,200	164,513
Delaware	1	(D)	(D)	-	-	-	-	-	-
Florida	103	12,475,320	140,138	174	58,506,800	509,561	233	285,938,876	5,138,830
Georgia	22	2,935,440	27,233	4	714,420	9,618	6	8,015,060	66,871
Hawaii	22	5,310,000	36,970	53	11,979,000	161,954	1	(D)	(D)
Idaho	1	(D)	(D)	5	509,496	11,640	1	(D)	(D)
Illinois	41	4,858,000	55,126	20	3,918,000	46,736	8	8,624,880	157,281
Indiana	14	2,524,880	14,134	19	2,951,560	45,168	11	5,506,800	185,621
Iowa	8	1,045,440	(D)	2	(D)	(D)	7	8,164,189	180,476
Kansas	10	520,000	12,869	3	1,263,240	12,877	5	2,610,000	47,720
Kentucky	14	953,112	19,364	1	(D)	(D)	1	(D)	(D)
Louisiana	16	1,030,920	18,101	28	5,234,420	90,288	7	3,147,360	64,802
Maine	-	-	-	-	-	-	2	(D)	(D)
Maryland	13	(D)	19,518	2	(D)	(D)	9	6,573,288	109,221
Massachusetts	3	(D)	(D)	24	(D)	61,189	1	(D)	(D)
Michigan	81	11,352,285	109,030	123	47,966,760	398,739	95	57,075,440	947,925
Minnesota	-	-	-	19	2,106,936	58,555	9	9,521,276	182,048
Mississippi	11	780,060	14,561	3	770,480	9,855	1	(D)	(D)
Missouri	10	713,920	13,427	-	-	-	3	3,484,600	28,995
Montana	11	(D)	14,668	2	(D)	(D)	-	-	-
Nebraska	3	142,000	4,849	1	(D)	(D)	2	(D)	(D)
Nevada	3	130,680	3,065	-	-	-	-	-	-
New Hampshire	-	-	-	4	1,196,960	(D)	-	-	-
New Jersey	66	7,271,760	104,576	24	6,795,360	67,723	6	24,399,382	292,545
New Mexico	4	320,000	6,480	9	1,545,000	28,604	-	-	-
New York	71	5,037,920	102,365	21	4,137,342	71,995	21	16,316,542	221,458
North Carolina	5	656,000	5,514	6	2,330,370	22,712	6	15,353,680	204,561
North Dakota	-	-	-	2	(D)	(D)	-	-	-
Ohio	91	16,308,659	105,318	26	8,548,480	59,923	11	25,986,440	319,542
Oklahoma	1	(D)	(D)	1	(D)	(D)	3	1,240,760	30,753
Oregon	73	9,684,510	110,861	14	3,039,250	40,439	33	40,719,964	649,799
Pennsylvania	45	12,842,510	51,430	6	8,900,200	20,306	9	7,047,240	99,271
Rhode Island	1	(D)	(D)	2	(D)	(D)	-	-	-
South Carolina	-	-	-	9	3,067,080	24,148	1	(D)	(D)
South Dakota	2	(D)	(D)	2	(D)	(D)	1	(D)	(D)
Tennessee	2	(D)	(D)	7	2,647,100	20,253	-	-	-
Texas	54	5,896,160	76,010	49	10,266,440	132,816	27	94,378,600	1,803,019
Utah	5	663,360	7,138	6	432,000	15,795	6	3,515,240	81,764
Vermont	-	-	-	-	-	-	-	-	-
Virginia	25	2,413,920	35,131	38	6,596,432	116,169	11	8,964,000	223,115
Washington	8	(D)	(D)	21	4,971,400	53,830	9	(D)	(D)
West Virginia	1	(D)	(D)	-	-	-	1	(D)	(D)
Wisconsin	32	4,049,240	36,784	5	1,117,944	16,038	5	2,744,096	62,348
Wyoming	-	-	-	-	-	-	-	-	-
Water Resource Regions									
Region 01 New England	15	3,013,360	20,174	56	11,977,280	149,534	7	14,533,560	195,683
Region 02 Mid-Atlantic	166	21,894,334	244,465	51	20,034,000	142,624	53	59,590,652	894,533
Region 03 South Atlantic-Gulf	155	17,562,580	208,051	228	69,573,942	691,351	250	314,596,425	5,509,345
Region 04 Great Lakes	150	21,372,884	183,910	172	61,062,046	538,464	113	88,557,456	1,363,938
Region 05 Ohio	109	18,741,412	134,944	25	6,003,640	66,543	14	11,012,800	304,156
Region 06 Tennessee	-	-	-	3	(D)	8,824	2	(D)	(D)
Region 07 Upper Mississippi	66	8,786,320	87,453	43	6,724,047	115,296	20	17,005,885	301,676
Region 08 Lower Mississippi	22	1,585,840	27,047	32	6,600,500	102,537	7	3,147,360	64,802
Region 09 Souris-Red-Rainy	-	-	-	2	(D)	(D)	1	(D)	(D)
Region 10 Missouri	29	2,172,420	41,593	27	6,626,680	78,187	16	16,992,423	341,657
Region 11 Arkansas-White-Red	6	487,800	9,155	4	757,800	11,155	14	5,941,640	109,020
Region 12 Texas-Gulf	54	5,896,160	76,010	49	10,266,440	132,816	24	86,537,800	1,762,039
Region 13 Rio Grande	4	320,000	6,480	4	900,000	13,034	3	7,840,800	40,981
Region 14 Upper Colorado	46	2,248,320	65,024	5	645,000	15,570	-	-	-
Region 15 Lower Colorado	10	1,376,496	14,465	17	4,488,000	60,426	10	11,643,520	80,874
Region 16 Great Basin	5	663,360	7,138	3	300,000	7,875	6	3,515,240	81,764
Region 17 Pacific Northwest	87	11,268,760	128,514	40	8,520,146	105,909	43	49,839,794	778,653
Region 18 California	137	19,383,048	187,955	162	54,850,864	557,299	170	256,772,313	3,198,775
Region 19 Alaska	-	-	-	1	(D)	(D)	-	-	-
Region 20 Hawaii	22	5,310,000	36,970	53	11,979,000	161,954	1	(D)	(D)