

**Table 27. Reasons for Discontinuing Irrigation: 2018 and 2013**

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

Geographic area	Discontinued irrigation since previous census year					Reason for discontinuance <sup>1</sup>					
	Farms	Acres irrigated in previous census year <sup>2</sup>	Square feet under protection in previous census year <sup>2</sup>	Farms reporting discontinuance to be permanent		Sufficient soil moisture		Shortage of surface water		Shortage of ground water	
				Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>
United States .....2018	24,175	1,310,593	10,726,594	4,603	133,977	14,553	783,478	3,103	147,215	1,309	101,038
.....2013	41,455	2,519,094	11,759,756	3,711	125,540	9,559	504,584	2,903	318,768	1,284	157,862
<b>2018 DATA</b>											
Alabama .....	408	9,023	163,200	126	277	308	3,298	-	-	50	5,625
Alaska .....	8	122	(D)	2	(D)	5	22	-	-	-	-
Arizona .....	48	192	-	-	-	16	160	32	32	-	-
Arkansas .....	353	34,300	19,160	67	4,309	259	23,865	9	60	6	(D)
California .....	1,493	111,645	62,052	343	4,063	638	43,458	150	32,549	123	40,060
Colorado .....	1,273	77,420	273,320	149	12,793	154	14,298	767	43,906	206	15,287
Connecticut .....	201	731	-	43	43	154	688	47	43	-	-
Delaware .....	58	5,362	3,870	22	44	31	5,312	22	44	22	(D)
Florida .....	867	28,525	66,000	84	6,201	583	25,540	54	108	-	-
Georgia .....	905	98,386	166,730	163	18,450	737	77,744	-	-	-	-
Hawaii .....	331	5,097	711,280	50	84	248	5,014	-	-	41	216
Idaho .....	282	9,653	34,416	7	7	181	8,320	28	68	2	(D)
Illinois .....	340	25,971	77,400	89	5,166	235	22,388	17	-	-	-
Indiana .....	283	19,279	36,864	51	16	230	9,324	-	-	-	-
Iowa .....	164	6,528	14,100	41	(D)	110	6,402	-	-	-	-
Kansas .....	264	24,715	-	28	980	104	4,470	-	-	-	-
Kentucky .....	565	12,571	821,384	125	51	466	12,409	6	6	-	-
Louisiana .....	404	18,526	51,070	78	317	254	17,201	13	78	-	-
Maine .....	65	83	137,530	-	-	35	(D)	-	-	-	-
Maryland .....	201	5,596	23,296	33	53	182	5,577	-	-	-	-
Massachusetts .....	118	1,562	168,000	-	-	108	1,562	-	-	-	-
Michigan .....	852	20,568	1,185,760	223	7,659	568	12,182	-	-	-	-
Minnesota .....	216	18,304	61,140	50	96	163	(D)	-	-	-	-
Mississippi .....	260	19,281	29,000	62	654	178	16,973	13	298	-	-
Missouri .....	369	25,796	41,728	164	13,162	228	22,721	36	316	26	304
Montana .....	523	81,379	50,360	165	8,350	202	48,472	143	4,943	24	480
Nebraska .....	1,271	267,554	2,160	98	9,217	884	180,149	-	-	-	-
Nevada .....	66	501	600	18	33	-	-	33	423	15	30
New Hampshire .....	29	10	2,400	3	6	29	10	-	-	-	-
New Jersey .....	168	2,272	-	23	-	161	907	-	-	-	-
New Mexico .....	1,043	41,006	1,200	84	366	105	(D)	547	10,132	266	8,605
New York .....	528	4,557	1,146,600	108	110	413	4,440	23	1,035	-	-
North Carolina .....	656	29,275	684,462	81	-	526	22,150	-	-	-	-
North Dakota .....	4	4	12,000	-	-	-	-	-	-	-	-
Ohio .....	733	5,758	871,220	190	601	509	5,362	-	-	-	-
Oklahoma .....	284	7,830	360	77	1,807	203	4,525	-	-	-	-
Oregon .....	1,499	34,542	90,200	220	467	615	1,868	375	17,434	175	10,907
Pennsylvania .....	844	6,772	1,641,136	188	520	755	6,684	-	-	22	-
Rhode Island .....	20	20	197,800	-	-	20	20	20	20	20	20
South Carolina .....	463	2,204	1,380,960	131	249	362	1,389	25	25	-	-
South Dakota .....	422	102,771	-	44	132	356	99,559	-	-	-	-
Tennessee .....	475	3,556	82,380	113	100	475	3,556	21	-	21	-
Texas .....	2,517	73,244	38,640	615	24,725	1,633	28,345	161	8,761	124	14,663
Utah .....	659	21,137	(D)	54	108	61	1,627	443	19,571	108	4,779
Vermont .....	39	245	3,200	10	124	38	(D)	-	-	-	-
Virginia .....	420	12,458	89,584	133	153	286	11,354	-	-	23	-
Washington .....	659	20,298	96,155	166	11,969	372	6,273	109	163	35	(D)
West Virginia .....	104	214	66,780	27	27	37	166	-	-	-	-
Wisconsin .....	390	6,462	94,200	55	379	336	5,184	-	-	-	-
Wyoming .....	31	7,288	-	-	-	-	-	9	7,200	-	-
<b>Water Resources Regions</b>											
Region 01 New England .....	437	2,488	505,730	48	131	350	2,442	67	63	20	20
Region 02 Mid-Atlantic .....	1,668	29,610	2,713,886	320	363	1,451	27,059	45	1,079	67	44
Region 03 South Atlantic-Gulf .....	3,382	172,139	2,207,562	640	25,432	2,543	134,436	92	431	25	5,500
Region 04 Great Lakes .....	1,412	26,319	1,413,760	377	7,860	995	17,678	-	-	-	-
Region 05 Ohio .....	1,794	35,070	2,152,184	394	1,038	1,399	28,158	6	6	-	-
Region 06 Tennessee .....	442	4,709	(D)	113	117	411	4,578	21	-	46	125
Region 07 Upper Mississippi .....	1,078	66,485	147,504	268	13,943	768	51,334	17	-	-	-
Region 08 Lower Mississippi .....	815	66,417	47,490	163	4,867	555	54,430	18	78	5	-
Region 09 Souris-Red-Rainy .....	14	14	42,000	14	(D)	-	-	-	-	-	-
Region 10 Missouri .....	2,889	492,471	351,568	473	28,175	1,754	346,080	292	17,412	90	2,240
Region 11 Arkansas-White-Red .....	1,361	92,339	82,800	209	7,148	508	14,798	286	17,081	113	9,302
Region 12 Texas-Gulf .....	2,302	60,328	18,640	598	20,618	1,558	28,316	161	8,737	85	10,523
Region 13 Rio Grande .....	922	32,815	-	51	333	73	227	494	19,235	262	16,529
Region 14 Upper Colorado .....	735	36,553	-	51	6,863	52	7,200	579	23,348	151	4,208
Region 15 Lower Colorado .....	48	192	-	-	-	16	160	32	32	-	-
Region 16 Great Basin .....	535	10,906	3,007	75	144	61	1,627	286	9,262	69	1,353
Region 17 Pacific Northwest .....	2,439	63,671	218,371	414	12,680	1,168	16,461	487	16,699	212	10,918
Region 18 California .....	1,563	112,848	62,052	343	4,063	638	43,458	220	33,752	123	40,060
Region 19 Alaska .....	8	122	(D)	2	(D)	5	22	-	-	-	-
Region 20 Hawaii .....	331	5,097	711,280	50	84	248	5,014	-	-	41	216

See footnote(s) at end of table.

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**Table 27. Reasons for Discontinuing Irrigation: 2018 and 2013 (continued)**

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

Geographic area	Reason for discontinuance <sup>1</sup> - con.									
	Irrigation is uneconomical		Loss of water rights		Sold or leased water rights or annual water allocation		Sold or leased irrigated land or irrigated area under protection		Restrictions on water use	
	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>
United States .....	2,075	124,044	165	2,574	90	4,368	781	84,185	686	11,913
.....2018	2,254	104,143	277	9,852	614	31,017	1,951	161,367	2,094	93,881
.....2013										
<b>2018 DATA</b>										
Alabama .....	100	5,700	-	-	-	-	-	-	-	-
Alaska .....	3	-	-	-	-	-	-	-	-	-
Arizona .....	-	-	-	-	-	-	-	-	-	-
Arkansas .....	36	3,734	-	-	-	-	4	212	-	-
California .....	189	30,972	23	460	-	-	3	7,800	27	119
Colorado .....	-	-	75	1,926	-	-	-	-	270	8,652
Connecticut .....	-	-	-	-	-	-	-	-	-	-
Delaware .....	-	-	-	-	-	-	-	-	-	-
Florida .....	27	-	-	-	-	-	-	-	-	-
Georgia .....	99	24,497	-	-	-	-	46	1,840	-	-
Hawaii .....	16	(D)	-	-	-	-	-	-	-	-
Idaho .....	19	114	-	-	22	746	21	44	-	-
Illinois .....	17	-	-	-	-	-	-	-	-	-
Indiana .....	36	72	-	-	-	-	36	9,360	-	-
Iowa .....	-	-	-	-	-	-	18	126	-	-
Kansas .....	14	980	-	-	14	3,500	15	1,950	-	-
Kentucky .....	18	18	-	-	-	-	-	-	-	-
Louisiana .....	14	-	-	-	-	-	-	-	-	-
Maine .....	27	-	-	-	-	-	-	-	-	-
Maryland .....	-	-	-	-	-	-	-	-	-	-
Massachusetts .....	-	-	-	-	-	-	-	-	-	-
Michigan .....	40	1,600	-	-	-	-	-	-	-	-
Minnesota .....	-	-	-	-	-	-	-	-	-	-
Mississippi .....	31	4,020	-	-	-	-	18	180	6	120
Missouri .....	79	2,336	-	-	-	-	8	-	8	8
Montana .....	78	23,613	-	-	-	-	72	7,176	-	-
Nebraska .....	32	1,440	-	-	-	-	185	34,163	-	-
Nevada .....	-	-	-	-	-	-	-	-	-	-
New Hampshire .....	-	-	-	-	-	-	-	-	-	-
New Jersey .....	-	-	-	-	-	-	7	1,365	-	-
New Mexico .....	34	170	-	-	34	102	90	9,071	100	1,754
New York .....	91	274	-	-	-	-	-	-	-	-
North Carolina .....	10	90	-	-	-	-	27	810	-	-
North Dakota .....	-	-	-	-	-	-	-	-	-	-
Ohio .....	-	-	-	-	-	-	38	15	-	-
Oklahoma .....	103	1,507	-	-	-	-	-	-	-	-
Oregon .....	111	2,445	47	168	-	-	31	669	149	477
Pennsylvania .....	43	417	-	-	-	-	-	-	-	-
Rhode Island .....	20	20	20	20	20	20	20	20	20	20
South Carolina .....	204	996	-	-	-	-	-	-	-	-
South Dakota .....	-	-	-	-	-	-	-	-	22	132
Tennessee .....	22	-	-	-	-	-	-	-	-	-
Texas .....	370	14,144	-	-	-	-	79	1,320	20	-
Utah .....	-	-	-	-	-	-	-	-	54	621
Vermont .....	2	(D)	-	-	-	-	-	-	-	-
Virginia .....	55	52	-	-	-	-	-	-	-	-
Washington .....	81	4,617	-	-	-	-	27	7,020	10	10
West Virginia .....	-	-	-	-	-	-	-	-	-	-
Wisconsin .....	54	198	-	-	-	-	36	1,044	-	-
Wyoming .....	-	-	-	-	-	-	-	-	-	-
<b>Water Resources Regions</b>										
Region 01 New England .....	47	(D)	20	20	20	20	20	20	20	20
Region 02 Mid-Atlantic .....	68	626	-	-	-	-	7	1,365	-	-
Region 03 South Atlantic-Gulf .....	477	31,327	-	-	-	-	85	2,830	-	-
Region 04 Great Lakes .....	123	1,646	-	-	-	-	-	-	-	-
Region 05 Ohio .....	79	111	-	-	-	-	56	6,315	-	-
Region 06 Tennessee .....	25	50	-	-	-	-	-	-	-	-
Region 07 Upper Mississippi .....	53	198	-	-	-	-	72	4,230	-	-
Region 08 Lower Mississippi .....	69	7,074	-	-	-	-	10	212	14	128
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	-	-
Region 10 Missouri .....	157	27,109	27	126	-	-	257	41,339	101	1,684
Region 11 Arkansas-White-Red .....	169	12,075	24	1,080	14	3,500	23	1,950	72	1,632
Region 12 Texas-Gulf .....	311	5,454	-	-	-	-	79	1,320	20	-
Region 13 Rio Grande .....	54	190	-	-	34	102	90	9,071	100	1,754
Region 14 Upper Colorado .....	-	-	24	720	-	-	-	-	173	6,089
Region 15 Lower Colorado .....	-	-	-	-	-	-	-	-	-	-
Region 16 Great Basin .....	-	-	-	-	-	-	-	-	-	-
Region 17 Pacific Northwest .....	235	7,176	23	-	22	746	79	7,733	135	319
Region 18 California .....	189	30,972	47	628	-	-	3	7,800	51	287
Region 19 Alaska .....	3	-	-	-	-	-	-	-	-	-
Region 20 Hawaii .....	16	(D)	-	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 27. Reasons for Discontinuing Irrigation: 2018 and 2013 (continued)**

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

Geographic area	Reason for discontinuance <sup>1</sup> - con.								
	Converted to non-agricultural uses		Converted to agricultural enterprise not requiring irrigation		Available surface water too salty		Other or unspecified		
	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	Farms	Acres irrigated in previous census year <sup>2</sup>	
United States .....	2018 2013	703 559	6,600 7,539	1,563 1,188	106,777 80,521	218 540	1,215 36,435	4,005 24,655	166,542 1,456,494
<b>2018 DATA</b>									
Alabama .....	-	-	-	-	-	-	-	25	-
Alaska .....	-	-	-	-	-	-	-	3	(D)
Arizona .....	-	-	-	-	-	-	-	16	-
Arkansas .....	19	480	1	(D)	-	-	-	66	6,185
California .....	49	228	201	2,326	44	198	-	403	14,816
Colorado .....	23	46	7	7	-	-	-	266	14,619
Connecticut .....	-	-	-	-	-	-	-	-	-
Delaware .....	-	-	-	-	-	-	-	5	6
Florida .....	-	-	133	2,695	-	-	-	230	3,011
Georgia .....	27	142	25	17,875	-	-	-	116	(D)
Hawaii .....	16	16	-	-	-	-	-	33	33
Idaho .....	6	6	5	9	-	-	-	83	952
Illinois .....	17	-	3	12	-	-	-	68	3,571
Indiana .....	-	-	17	595	-	-	-	-	-
Iowa .....	-	-	-	-	-	-	-	52	4,576
Kansas .....	29	1,085	73	11,240	-	-	-	73	5,890
Kentucky .....	38	23	70	(D)	-	-	-	30	104
Louisiana .....	27	520	-	-	-	-	-	107	738
Maine .....	-	-	-	-	-	-	-	3	(D)
Maryland .....	-	-	-	-	-	-	-	19	19
Massachusetts .....	-	-	-	-	-	-	-	10	-
Michigan .....	81	700	82	208	21	21	-	122	7,278
Minnesota .....	2	(D)	29	29	-	-	-	22	(D)
Mississippi .....	7	-	6	6	-	-	-	38	640
Missouri .....	8	24	16	31	-	-	-	64	880
Montana .....	24	216	48	144	29	490	-	117	4,747
Nebraska .....	-	-	143	51,088	-	-	-	151	17,000
Nevada .....	-	-	-	-	-	-	-	18	48
New Hampshire .....	-	-	22	-	-	-	-	-	-
New Jersey .....	-	-	-	-	-	-	-	22	132
New Mexico .....	52	70	65	11,551	-	-	-	365	8,980
New York .....	-	-	46	184	-	-	-	69	117
North Carolina .....	27	27	73	47	-	-	-	94	6,382
North Dakota .....	-	-	-	-	-	-	-	4	4
Ohio .....	23	46	108	235	-	-	-	55	100
Oklahoma .....	-	-	-	-	-	-	-	29	1,823
Oregon .....	29	-	91	54	-	-	-	281	23,533
Pennsylvania .....	21	42	65	43	-	-	-	49	49
Rhode Island .....	20	20	20	20	20	20	-	-	-
South Carolina .....	-	-	-	-	77	351	-	25	-
South Dakota .....	-	-	22	3,080	-	-	-	22	-
Tennessee .....	-	-	-	-	-	-	-	7	7
Texas .....	39	589	58	649	-	-	-	409	21,926
Utah .....	-	-	54	-	27	135	-	108	648
Vermont .....	-	-	-	-	-	-	-	3	(D)
Virginia .....	56	2,253	-	-	-	-	-	33	1,029
Washington .....	60	60	44	73	-	-	-	180	9,406
West Virginia .....	3	(D)	-	-	-	-	-	70	51
Wisconsin .....	-	-	36	954	-	-	-	18	90
Wyoming .....	-	-	-	-	-	-	-	22	88
<b>Water Resources Regions</b>									
Region 01 New England .....	20	20	42	20	20	20	-	13	(D)
Region 02 Mid-Atlantic .....	77	2,295	65	43	-	-	-	145	1,233
Region 03 South Atlantic-Gulf .....	54	169	231	20,617	77	351	-	503	10,228
Region 04 Great Lakes .....	104	746	162	1,362	21	21	-	172	7,473
Region 05 Ohio .....	41	(D)	162	(D)	-	-	-	160	302
Region 06 Tennessee .....	-	-	6	6	-	-	-	7	7
Region 07 Upper Mississippi .....	19	(D)	68	637	-	-	-	168	14,712
Region 08 Lower Mississippi .....	38	620	1	(D)	-	-	-	174	5,857
Region 09 Souris-Red-Rainy .....	-	-	14	14	-	-	-	-	-
Region 10 Missouri .....	55	286	212	54,566	29	490	-	462	31,665
Region 11 Arkansas-White-Red .....	44	1,465	81	22,365	-	-	-	380	22,261
Region 12 Texas-Gulf .....	39	589	58	649	-	-	-	346	17,786
Region 13 Rio Grande .....	52	70	42	51	-	-	-	270	4,426
Region 14 Upper Colorado .....	-	-	-	-	-	-	-	107	1,307
Region 15 Lower Colorado .....	-	-	-	-	-	-	-	16	-
Region 16 Great Basin .....	-	-	54	-	27	135	-	99	426
Region 17 Pacific Northwest .....	95	66	164	280	-	-	-	544	33,891
Region 18 California .....	49	228	201	2,326	44	198	-	403	14,816
Region 19 Alaska .....	-	-	-	-	-	-	-	3	(D)
Region 20 Hawaii .....	16	16	-	-	-	-	-	33	33

<sup>1</sup> Respondents could choose more than one reason for not irrigating.

<sup>2</sup> Acres and square feet irrigated are totals for all irrigation on these farms. Data were acquired from the 2017 and 2012 Censuses of Agriculture results.