

Table 43. Discontinuance of All Irrigation by Reason: 2008 and 2003

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

Geographic area	Discontinued irrigation since previous census year				Reason for discontinuance ¹							
	Farms	Acres irrigated in previous census year ²	Farms reporting discontinuance to be permanent		Sufficient soil moisture		Surplus soil moisture or flooding		Shortage of surface water		Shortage of ground water	
			Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²
United States	22,416	1,302,296	2,236	71,186	3,345	247,512	399	51,948	939	47,590	684	12,330
2008	30,057	1,780,887	2,553	148,928	24,880	1,444,676	(NA)	(NA)	1,606	(D)	1,082	(D)
2003												
2008 DATA												
Alabama	330	9,360	24	646	65	2,006	-	-	11	586	12	24
Alaska	19	1,339	1	(D)	9	(D)	1	(D)	-	-	-	-
Arizona	440	7,775	218	218	2	(D)	-	-	-	-	218	218
Arkansas	319	31,485	60	1,500	50	19,398	-	-	25	3,500	-	-
California	1,746	118,380	753	17,286	-	-	-	-	18	9,000	5	5,000
Colorado	1,094	37,397	-	-	-	-	-	-	81	11,000	-	-
Connecticut	81	1,001	11	99	27	314	-	-	-	-	-	-
Delaware	66	1,019	-	-	15	115	-	-	-	-	-	-
Florida	1,132	44,490	7	2,100	94	7,333	-	-	-	-	1	(D)
Georgia	385	25,706	-	-	79	9,330	-	-	154	1,652	-	-
Hawaii	170	3,014	13	91	63	297	-	-	-	-	-	-
Idaho	1,172	38,834	-	-	15	6,000	-	-	-	-	273	273
Illinois	311	31,342	2	(D)	84	10,514	40	7,130	-	-	13	26
Indiana	320	21,573	16	1,219	62	5,912	2	(D)	13	39	-	-
Iowa	197	13,472	7	169	48	2,836	23	1,993	5	15	-	-
Kansas	266	60,626	-	-	66	14,811	49	12,070	-	-	-	-
Kentucky	729	10,410	50	514	145	5,496	2	(D)	61	510	27	160
Louisiana	551	35,215	108	4,924	116	6,803	67	3,757	53	2,014	-	-
Maine	103	3,420	27	27	12	1,368	-	-	-	-	-	-
Maryland	124	1,751	-	-	33	212	-	-	3	30	3	210
Massachusetts	169	1,189	-	-	43	188	5	250	-	-	-	-
Michigan	577	18,443	75	527	109	3,016	3	1,030	1	(D)	1	(D)
Minnesota	306	22,133	21	4,526	91	4,554	-	-	-	-	-	-
Mississippi	249	16,643	3	717	97	7,908	-	-	66	1,650	-	-
Missouri	442	66,300	46	1,870	75	23,650	27	11,595	-	-	-	-
Montana	216	12,320	-	-	-	-	-	-	-	-	-	-
Nebraska	1,187	235,758	-	-	119	36,250	117	8,307	-	-	-	-
Nevada	70	5,226	16	2,176	52	1,050	-	-	-	-	-	-
New Hampshire	54	98	-	-	23	41	-	-	-	-	-	-
New Jersey	105	890	13	26	15	748	-	-	-	-	-	-
New Mexico	499	28,258	2	(D)	64	4,350	-	-	88	4,428	-	-
New York	527	13,380	45	664	163	6,189	7	112	4	100	-	-
North Carolina	894	21,207	85	85	238	11,209	-	-	85	85	9	1,170
North Dakota	80	13,124	11	2,474	16	2,048	-	-	5	450	5	(D)
Ohio	380	3,784	32	563	103	1,428	-	-	9	9	9	9
Oklahoma	339	20,302	41	896	79	4,730	-	-	39	156	-	-
Oregon	1,242	38,387	3	2,550	47	8,000	-	-	3	3,735	-	-
Pennsylvania	388	3,581	103	530	163	1,982	-	-	5	112	3	36
Rhode Island	18	59	-	-	14	19	-	-	-	-	-	-
South Carolina	353	6,092	179	1,815	7	668	-	-	89	(D)	88	88
South Dakota	113	17,626	-	-	60	5,643	3	900	-	-	-	-
Tennessee	430	5,290	38	644	121	2,156	-	-	15	163	10	21
Texas	2,264	144,098	68	11,500	88	8,000	-	-	-	-	-	-
Utah	690	17,164	87	3,252	84	(D)	-	-	-	-	-	-
Vermont	69	501	-	-	20	191	8	40	-	-	-	-
Virginia	246	8,079	9	135	103	4,572	-	-	20	870	-	-
Washington	483	29,051	-	-	283	5,412	-	-	73	5,475	-	-
West Virginia	45	424	9	63	17	83	-	-	2	(D)	7	25
Wisconsin	270	11,345	39	78	63	1,838	45	3,519	-	-	-	-
Wyoming	156	43,935	14	4,480	3	(D)	-	-	-	-	-	-
Water Resources Regions												
Region 01 New England	435	5,726	38	126	128	1,951	5	250	-	-	-	-
Region 02 Mid-Atlantic	1,067	17,571	105	663	368	8,676	11	(D)	12	242	6	246
Region 03 South Atlantic-Gulf	3,170	108,665	294	4,491	507	32,014	-	-	350	4,418	110	5,282
Region 04 Great Lakes	1,088	33,392	148	1,615	249	8,421	8	2,743	10	(D)	10	(D)
Region 05 Ohio	1,583	29,693	129	2,598	369	11,649	14	2,448	80	658	35	197
Region 06 Tennessee	306	3,516	36	348	72	528	-	-	19	(D)	9	9
Region 07 Upper Mississippi	1,067	96,928	41	5,162	239	25,206	110	15,193	5	15	13	26
Region 08 Lower Mississippi	973	97,969	211	8,949	297	44,365	67	3,757	145	7,214	-	-
Region 09 Souris-Red-Rainy	55	8,366	4	2,460	25	1,918	-	-	-	-	-	-
Region 10 Missouri	2,102	374,751	28	4,663	300	64,601	134	15,102	5	450	5	450
Region 11 Arkansas-White-Red	1,154	113,174	43	2,838	84	10,730	49	12,070	146	14,406	-	-
Region 12 Texas-Gulf	1,801	102,243	68	11,500	88	8,000	-	-	-	-	-	-
Region 13 Rio Grande	702	22,325	-	-	64	4,350	-	-	-	-	-	-
Region 14 Upper Colorado	1,221	26,472	109	(D)	84	1,176	-	-	-	-	109	(D)
Region 15 Lower Colorado	395	9,844	109	109	4	(D)	-	-	62	1,178	109	109
Region 16 Great Basin	458	20,858	103	5,428	50	(D)	-	-	-	-	-	-
Region 17 Pacific Northwest	2,857	101,120	-	-	345	19,412	-	-	76	9,210	273	273
Region 18 California	1,793	125,330	756	19,836	-	-	-	-	18	9,000	5	5,000
Region 19 Alaska	19	1,339	1	(D)	9	(D)	1	(D)	-	-	-	-
Region 20 Hawaii	170	3,014	13	91	63	297	-	-	11	11	-	-

See footnote(s) at end of table.

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Table 43. Discontinuance of All Irrigation by Reason: 2008 and 2003 - Con.

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

Geographic area	Reason for discontinuance ¹ - con.									
	Irrigation is uneconomical		Land degradation (erosion, salinity, etc.)		Loss of water rights		Restrictions on water use		Sold or leased water rights	
	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²
United States	2,502	90,713	7	(D)	125	735	963	3,467	268	19,084
2003 ..	1,778	86,289	159	17,124	-	-	(NA)	(NA)	270	35,369
2008 DATA										
Alabama	30	1,626	-	-	-	-	4	4	-	-
Alaska	1	(D)	-	-	-	-	-	-	-	-
Arizona	110	660	-	-	109	109	-	-	-	-
Arkansas	60	1,500	-	-	-	-	-	-	-	-
California	743	1,486	-	-	-	-	743	1,486	-	-
Colorado	-	-	-	-	-	-	193	1,930	-	-
Connecticut	-	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-	-
Florida	303	8,983	-	-	-	-	-	-	2	(D)
Georgia	51	204	-	-	-	-	-	-	-	-
Hawaii	16	1,379	-	-	-	-	23	47	11	11
Idaho	29	10,872	-	-	-	-	-	-	-	-
Illinois	23	1,202	-	-	-	-	-	-	-	-
Indiana	5	820	-	-	-	-	-	-	-	-
Iowa	1	(D)	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-
Kentucky	111	3,495	6	12	7	14	-	-	-	-
Louisiana	53	2,014	-	-	-	-	-	-	-	-
Maine	2	(D)	-	-	-	-	-	-	-	-
Maryland	7	256	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-
Michigan	33	3,018	1	(D)	-	-	-	-	-	-
Minnesota	17	2,665	-	-	-	-	-	-	-	-
Mississippi	3	2,538	-	-	-	-	-	-	-	-
Missouri	3	5,695	-	-	9	612	-	-	-	-
Montana	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
New Hampshire	4	4	-	-	-	-	-	-	16	2,176
New Jersey	3	(D)	-	-	-	-	-	-	-	-
New Mexico	6	1,260	-	-	-	-	-	-	-	-
New York	13	616	-	-	-	-	-	-	-	-
North Carolina	46	5,198	-	-	-	-	-	-	-	-
North Dakota	6	585	-	-	-	-	-	-	-	-
Ohio	34	976	-	-	-	-	-	-	-	-
Oklahoma	42	2,630	-	-	-	-	-	-	-	-
Oregon	154	3,080	-	-	-	-	-	-	154	3,080
Pennsylvania	62	956	-	-	-	-	-	-	-	-
Rhode Island	2	(D)	-	-	-	-	-	-	-	-
South Carolina	52	124	-	-	-	-	-	-	-	-
South Dakota	16	1,120	-	-	-	-	-	-	-	-
Tennessee	70	1,044	-	-	-	-	-	-	-	-
Texas	132	14,700	-	-	-	-	-	-	-	-
Utah	138	276	-	-	-	-	-	-	84	1,092
Vermont	-	-	-	-	-	-	-	-	-	-
Virginia	30	2,038	-	-	-	-	-	-	-	-
Washington	42	6,180	-	-	-	-	-	-	-	-
West Virginia	8	109	-	-	-	-	-	-	-	-
Wisconsin	41	1,011	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	1	(D)
Water Resources Regions										
Region 01 New England	8	144	-	-	-	-	-	-	-	-
Region 02 Mid-Atlantic	84	2,534	-	-	-	-	-	-	-	-
Region 03 South Atlantic-Gulf	489	16,818	-	-	-	-	4	4	2	(D)
Region 04 Great Lakes	71	4,498	-	-	-	-	-	-	-	-
Region 05 Ohio	177	6,035	6	(D)	7	14	-	-	-	-
Region 06 Tennessee	42	426	-	-	-	-	-	-	-	-
Region 07 Upper Mississippi	44	3,398	-	-	9	612	-	-	-	-
Region 08 Lower Mississippi	135	8,179	-	-	-	-	-	-	-	-
Region 09 Souris-Red-Rainy	16	695	-	-	-	-	-	-	-	-
Region 10 Missouri	23	5,370	-	-	-	-	-	-	1	(D)
Region 11 Arkansas-White-Red	42	2,630	-	-	-	-	193	1,930	-	-
Region 12 Texas-Gulf	132	14,700	-	-	-	-	-	-	-	-
Region 13 Rio Grande	6	1,260	-	-	-	-	-	-	-	-
Region 14 Upper Colorado	138	(D)	-	-	-	-	-	-	-	-
Region 15 Lower Colorado	110	660	-	-	109	109	-	-	-	-
Region 16 Great Basin	14	4,872	-	-	-	-	-	-	100	3,268
Region 17 Pacific Northwest	211	15,260	-	-	-	-	-	-	154	3,080
Region 18 California	743	1,486	-	-	-	-	743	1,486	-	-
Region 19 Alaska	1	(D)	-	-	-	-	-	-	-	-
Region 20 Hawaii	16	1,379	-	-	-	-	23	47	11	11

See footnote(s) at end of table.

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Table 43. Discontinuance of All Irrigation by Reason: 2008 and 2003 - Con.

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

Geographic area	Reason for discontinuance ¹ - con.							
	Converted to non-agricultural uses		Converted to agricultural enterprise not requiring irrigation		Available surface water too salty due to drought conditions		Other	
	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²	Farms	Acres irrigated in previous census year ²
United States	806	8,997	567	37,544	378	30,979	14,925	847,538
2008 ..	49	3,592	2,196	150,377	190	13,214	15,130	931,679
2003 ..								
2008 DATA								
Alabama	-	-	2	(D)	12	260	222	6,506
Alaska	-	-	-	-	2	(D)	7	306
Arizona	-	-	-	-	-	-	110	4,437
Arkansas	-	-	25	3,500	-	-	209	10,587
California	743	1,486	107	23,426	-	-	873	79,468
Colorado	-	-	-	-	-	-	820	24,467
Connecticut	-	-	-	-	13	119	41	568
Delaware	-	-	-	-	-	-	51	904
Florida	-	-	-	-	-	-	798	19,372
Georgia	-	-	-	-	-	-	204	15,764
Hawaii	-	-	-	-	2	(D)	91	1,336
Idaho	-	-	-	-	-	-	870	27,689
Illinois	-	-	-	-	26	7,357	159	7,867
Indiana	-	-	26	78	4	619	239	14,143
Iowa	-	-	-	-	20	2,280	102	6,862
Kansas	-	-	-	-	-	-	151	33,745
Kentucky	-	-	-	-	36	905	434	3,091
Louisiana	17	850	28	2,170	-	-	287	20,471
Maine	-	-	-	-	2	(D)	89	1,434
Maryland	-	-	3	210	3	210	86	1,143
Massachusetts	38	114	38	114	2	(D)	81	181
Michigan	-	-	2	(D)	35	732	426	12,773
Minnesota	-	-	-	-	-	-	230	18,044
Mississippi	3	717	66	1,650	-	-	153	8,775
Missouri	-	-	-	-	56	10,024	296	25,335
Montana	-	-	-	-	-	-	216	12,320
Nebraska	-	-	-	-	-	-	951	191,201
Nevada	-	-	-	-	-	-	52	2,050
New Hampshire	-	-	-	-	6	12	25	(D)
New Jersey	-	-	20	140	-	-	72	724
New Mexico	-	-	-	-	-	-	341	18,220
New York	-	-	4	140	82	2,143	299	5,066
North Carolina	-	-	16	592	-	-	542	7,351
North Dakota	-	-	-	-	-	-	59	10,626
Ohio	-	-	14	140	29	56	218	1,786
Oklahoma	-	-	-	-	3	705	188	13,401
Oregon	-	-	-	-	-	-	1,041	27,307
Pennsylvania	-	-	25	140	3	60	184	1,072
Rhode Island	-	-	5	10	-	-	2	(D)
South Carolina	-	-	8	80	-	-	249	3,984
South Dakota	-	-	11	1,419	4	2,600	51	8,184
Tennessee	-	-	10	21	11	29	255	2,428
Texas	5	5,830	-	-	-	-	2,108	124,598
Utah	-	-	141	2,436	-	-	465	13,552
Vermont	-	-	-	-	2	(D)	43	238
Virginia	-	-	2	(D)	-	-	123	2,957
Washington	-	-	-	-	-	-	124	16,664
West Virginia	-	-	1	(D)	6	(D)	17	112
Wisconsin	-	-	13	26	19	1,509	119	5,334
Wyoming	-	-	-	-	-	-	152	33,030
Water Resources Regions								
Region 01 New England	38	114	43	124	23	1,205	243	2,202
Region 02 Mid-Atlantic	-	-	50	890	39	508	615	8,100
Region 03 South Atlantic-Gulf	-	-	24	672	4	100	2,068	53,474
Region 04 Great Lakes	-	-	21	981	81	2,565	703	18,054
Region 05 Ohio	-	-	26	99	72	1,182	988	14,335
Region 06 Tennessee	-	-	12	151	23	193	186	2,316
Region 07 Upper Mississippi	-	-	13	26	74	14,015	615	45,805
Region 08 Lower Mississippi	20	1,567	119	7,320	-	-	457	43,944
Region 09 Souris-Red-Rainy	-	-	-	-	-	-	45	6,913
Region 10 Missouri	-	-	11	1,419	55	10,374	1,627	280,476
Region 11 Arkansas-White-Red	-	-	-	-	3	705	649	72,023
Region 12 Texas-Gulf	5	5,830	-	-	-	-	1,645	82,743
Region 13 Rio Grande	-	-	-	-	-	-	632	16,715
Region 14 Upper Colorado	-	-	138	276	-	-	890	24,911
Region 15 Lower Colorado	-	-	-	-	-	-	110	4,437
Region 16 Great Basin	-	-	3	2,160	-	-	425	11,650
Region 17 Pacific Northwest	-	-	-	-	-	-	2,009	71,380
Region 18 California	743	1,486	107	23,426	-	-	920	86,418
Region 19 Alaska	-	-	-	-	2	(D)	7	306
Region 20 Hawaii	-	-	-	-	2	(D)	91	1,336

¹ Respondents could choose more than one reason for not irrigating.

² Acres irrigated are totals for all irrigation on these farms. Data were acquired from the 2007 and 2002 Censuses of Agriculture results.