

**Table 18. Farms With Diminished Crop Yields Resulting From Irrigation Interruption by Cause: 2018**

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

Geographic area	Total <sup>1</sup>		Shortage of surface water		Shortage of ground water		Irrigation equipment failure	
	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)
United States .....	20,214	2,147,827	11,543	1,202,348	1,884	337,013	2,855	354,483
Alabama .....	112	1,958	60	1,108	52	1,100	2	(D)
Alaska .....	7	(D)	4	7	2	(D)	1	(D)
Arizona .....	225	52,588	97	12,991	17	4,892	66	23,867
Arkansas .....	146	53,627	51	13,066	24	3,320	43	25,339
California .....	1,792	156,570	436	72,991	401	35,992	240	20,566
Colorado .....	3,650	371,589	3,249	354,678	180	18,567	97	6,404
Connecticut .....	4	94	-	-	-	-	-	-
Delaware .....	47	14,153	-	-	-	-	1	(D)
Florida .....	339	26,771	27	5,589	-	-	82	2,467
Georgia .....	109	24,372	-	-	-	-	-	-
Hawaii .....	68	249	19	39	-	-	-	-
Idaho .....	880	144,234	367	58,329	49	27,669	167	23,320
Illinois .....	57	8,373	24	4,506	-	-	33	3,867
Indiana .....	52	7,565	-	-	-	-	26	4,305
Iowa .....	8	59	-	-	-	-	-	-
Kansas .....	226	23,400	33	6,405	35	5,237	85	13,334
Kentucky .....	68	2,545	-	-	-	-	-	-
Louisiana .....	73	6,807	13	1,040	-	-	45	2,758
Maine .....	86	626	35	545	38	52	30	(D)
Maryland .....	10	806	-	-	3	3	4	800
Massachusetts .....	96	881	-	-	-	-	10	(D)
Michigan .....	204	7,117	20	20	20	760	31	2,370
Minnesota .....	67	2,017	-	-	-	-	33	1,430
Mississippi .....	43	5,178	6	132	-	-	18	1,236
Missouri .....	160	23,141	68	16,004	-	-	48	7,778
Montana .....	1,052	162,877	604	110,443	63	7,608	244	43,016
Nebraska .....	291	39,801	99	14,300	-	-	113	17,689
Nevada .....	289	77,977	142	53,090	37	6,380	55	8,495
New Hampshire .....	64	64	-	-	21	21	-	-
New Jersey .....	27	1,297	-	-	-	-	2	(D)
New Mexico .....	2,113	37,630	1,627	19,186	114	10,890	233	7,093
New York .....	107	3,048	3	300	45	91	1	(D)
North Carolina .....	92	956	12	12	-	-	-	-
North Dakota .....	70	7,374	31	2,542	-	-	5	824
Ohio .....	2	(D)	-	-	-	-	-	-
Oklahoma .....	57	11,939	-	-	3	1,464	29	5,389
Oregon .....	1,293	139,357	918	99,593	168	26,350	173	4,430
Pennsylvania .....	111	404	-	-	21	210	-	-
Rhode Island .....	35	157	13	95	13	71	14	46
South Carolina .....	41	2,343	-	-	-	-	9	1,635
South Dakota .....	60	5,785	22	1,320	-	-	38	4,465
Tennessee .....	44	243	-	-	-	-	1	(D)
Texas .....	1,099	249,672	254	32,514	335	147,695	262	55,689
Utah .....	3,079	216,747	2,666	188,684	188	25,935	199	16,071
Vermont .....	72	301	30	55	13	38	28	192
Virginia .....	18	36	-	-	-	-	-	-
Washington .....	755	52,174	232	3,104	36	8,913	222	15,486
West Virginia .....	23	32	-	-	-	-	-	-
Wisconsin .....	50	8,414	-	-	-	-	22	396
Wyoming .....	841	194,267	381	129,660	6	3,753	143	32,118
<b>Water Resources Regions</b>								
Region 01 New England .....	313	2,028	48	640	72	144	80	647
Region 02 Mid-Atlantic .....	243	18,449	-	-	47	(D)	7	(D)
Region 03 South Atlantic-Gulf .....	630	55,438	53	5,741	-	-	93	4,802
Region 04 Great Lakes .....	342	8,566	53	(D)	55	820	54	2,584
Region 05 Ohio .....	198	11,275	-	-	-	-	44	7,365
Region 06 Tennessee .....	102	(D)	52	1,100	52	1,100	-	-
Region 07 Upper Mississippi .....	137	23,727	40	11,650	-	-	44	3,479
Region 08 Lower Mississippi .....	218	70,366	62	16,804	18	3,314	100	31,890
Region 09 Souris-Red-Rainy .....	64	10,944	31	(D)	-	-	31	8,394
Region 10 Missouri .....	2,326	351,858	1,151	223,375	113	11,326	507	78,597
Region 11 Arkansas-White-Red .....	1,132	169,552	781	76,849	83	55,561	184	33,017
Region 12 Texas-Gulf .....	954	187,713	211	27,781	328	109,415	198	40,563
Region 13 Rio Grande .....	1,729	42,929	1,390	35,893	95	1,941	119	3,013
Region 14 Upper Colorado .....	4,226	357,812	3,682	344,198	123	16,977	197	6,813
Region 15 Lower Colorado .....	301	54,407	97	12,991	17	4,892	100	25,227
Region 16 Great Basin .....	2,261	245,713	1,805	188,238	245	33,815	238	22,256
Region 17 Pacific Northwest .....	3,080	366,771	1,565	170,954	186	60,012	613	63,181
Region 18 California .....	1,883	168,839	499	83,171	448	37,412	245	21,666
Region 19 Alaska .....	7	(D)	4	7	2	(D)	1	(D)
Region 20 Hawaii .....	68	249	19	39	-	-	-	-

See footnote(s) at end of table.

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**Table 18. Farms With Diminished Crop Yields Resulting From Irrigation Interruption by Cause: 2018 (continued)**

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

Geographic area	Energy price increases or energy shortage		Water salinity too high		Loss of water rights		Cost of purchased water		Other	
	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)	Farms	Acres affected by irrigation interruption (see text)
United States .....	292	28,245	214	54,748	257	24,113	901	76,466	5,713	518,795
Alabama .....	-	-	-	-	-	-	25	250	50	150
Alaska .....	-	-	-	-	-	-	-	-	1	(D)
Arizona .....	-	-	16	11,200	-	-	8	22,790	55	7,848
Arkansas .....	6	1,200	11	9,475	-	-	19	1,458	35	9,788
California .....	99	8,738	49	2,004	44	2,376	363	4,154	611	33,776
Colorado .....	-	-	23	207	54	6,116	67	13,634	552	57,198
Connecticut .....	-	-	-	-	-	-	-	-	4	94
Delaware .....	-	-	-	-	-	-	-	-	46	(D)
Florida .....	-	-	-	-	-	-	15	30	218	16,585
Georgia .....	24	600	-	-	-	-	-	-	76	24,258
Hawaii .....	-	-	-	-	-	-	4	30	49	210
Idaho .....	-	-	-	-	-	-	64	7,940	342	50,250
Illinois .....	-	-	-	-	-	-	-	-	-	-
Indiana .....	-	-	-	-	-	-	-	-	17	2,720
Iowa .....	-	-	-	-	-	-	-	-	8	59
Kansas .....	-	-	-	-	-	-	19	1,046	73	4,362
Kentucky .....	6	2,208	-	-	-	-	2	(D)	60	(D)
Louisiana .....	-	-	-	-	-	-	-	-	28	4,049
Maine .....	3	3	-	-	-	-	-	-	8	(D)
Maryland .....	3	3	-	-	-	-	-	-	3	3
Massachusetts .....	-	-	-	-	-	-	-	-	96	881
Michigan .....	-	-	-	-	-	-	-	-	113	3,947
Minnesota .....	-	-	-	-	-	-	-	-	34	587
Mississippi .....	-	-	-	-	-	-	6	36	12	2,060
Missouri .....	-	-	-	-	-	-	-	-	59	1,621
Montana .....	51	4,318	58	13,508	54	6,588	52	5,808	421	41,666
Nebraska .....	31	5,080	-	-	-	-	9	9	55	6,835
Nevada .....	-	-	-	-	-	-	-	-	85	12,472
New Hampshire .....	-	-	-	-	-	-	-	-	22	(D)
New Jersey .....	-	-	-	-	-	-	-	-	27	1,297
New Mexico .....	-	-	-	-	33	363	33	33	518	4,897
New York .....	-	-	-	-	-	-	3	30	53	2,177
North Carolina .....	-	-	-	-	-	-	-	-	80	944
North Dakota .....	-	-	-	-	-	-	-	-	34	4,008
Ohio .....	-	-	-	-	-	-	-	-	2	(D)
Oklahoma .....	-	-	-	-	-	-	-	-	28	6,550
Oregon .....	24	24	-	-	-	-	23	989	158	22,913
Pennsylvania .....	-	-	-	-	-	-	-	-	90	194
Rhode Island .....	-	-	-	-	-	-	-	-	-	-
South Carolina .....	-	-	-	-	-	-	-	-	29	108
South Dakota .....	-	-	-	-	-	-	-	-	-	-
Tennessee .....	-	-	-	-	-	-	-	-	43	(D)
Texas .....	11	3,850	57	18,354	20	400	33	3,986	349	48,589
Utah .....	27	2,214	-	-	4	2,800	102	10,650	403	37,878
Vermont .....	-	-	-	-	-	-	-	-	32	228
Virginia .....	-	-	-	-	-	-	-	-	18	36
Washington .....	7	7	-	-	26	1,950	32	3,203	283	23,251
West Virginia .....	-	-	-	-	-	-	-	-	23	32
Wisconsin .....	-	-	-	-	-	-	-	-	30	8,032
Wyoming .....	-	-	-	-	22	3,520	22	374	380	61,142
<b>Water Resources Regions</b>										
Region 01 New England .....	3	3	-	-	-	-	-	-	158	1,576
Region 02 Mid-Atlantic .....	3	3	-	-	-	-	-	-	188	16,902
Region 03 South Atlantic-Gulf .....	24	600	-	-	-	-	15	(D)	436	42,051
Region 04 Great Lakes .....	-	-	-	-	-	-	3	30	165	4,881
Region 05 Ohio .....	-	-	-	-	-	-	2	(D)	143	3,354
Region 06 Tennessee .....	-	-	-	-	-	-	25	250	50	(D)
Region 07 Upper Mississippi .....	-	-	-	-	-	-	-	-	53	8,598
Region 08 Lower Mississippi .....	12	3,408	11	9,475	-	-	12	1,236	48	13,329
Region 09 Souris-Red-Rainy .....	-	-	-	-	-	-	-	-	2	(D)
Region 10 Missouri .....	59	8,248	58	13,508	28	3,168	88	6,201	889	97,600
Region 11 Arkansas-White-Red .....	-	-	-	-	24	672	64	11,820	174	28,155
Region 12 Texas-Gulf .....	11	3,850	57	18,354	20	400	14	3,853	319	42,728
Region 13 Rio Grande .....	-	-	-	-	37	5,267	56	3,166	314	6,889
Region 14 Upper Colorado .....	-	-	23	207	52	6,860	26	108	730	36,824
Region 15 Lower Colorado .....	-	-	16	11,200	-	-	8	22,790	131	9,667
Region 16 Great Basin .....	27	2,214	-	-	-	-	142	13,450	328	49,344
Region 17 Pacific Northwest .....	54	1,181	-	-	52	5,370	56	8,343	924	122,821
Region 18 California .....	99	8,738	49	2,004	44	2,376	386	5,143	611	33,776
Region 19 Alaska .....	-	-	-	-	-	-	-	-	1	(D)
Region 20 Hawaii .....	-	-	-	-	-	-	4	30	49	210

<sup>1</sup> Detail may not add to total because respondents could check more than one cause.