

Table 36. Estimated Quantity of Water Applied in the Open Using Only Gravity Flow Systems: 2023 and 2018

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

Geographic area	Total			Only down rows or furrows			Only controlled flooding (within borders, levees, or basins)		
	Farms	Acres irrigated ¹	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
United States2023	47,494	12,732,761	1.7	16,212	4,128,574	1.3	20,370	3,253,277	2.5
.....2018	61,091	13,649,228	1.8	20,314	3,959,882	1.6	23,482	3,930,302	2.3
2023 DATA									
Alabama	-	-	-	-	-	-	-	-	-
Alaska	2	(D)	(D)	2	(D)	(D)	-	-	-
Arizona	1,746	618,876	4.4	340	131,381	4.2	1,017	276,508	4.7
Arkansas	1,897	3,641,203	1.2	609	820,257	0.9	78	24,988	1.8
California	6,631	1,507,018	3.5	1,840	331,179	2.9	3,569	813,478	3.9
Colorado	7,984	857,456	1.5	3,146	274,465	1.6	2,948	308,877	1.4
Connecticut	8	16	0.8	4	8	1.0	-	-	-
Delaware	7	1,256	0.6	2	(D)	(D)	-	-	-
Florida	281	369,859	0.8	145	24,968	1.3	39	155,004	1.0
Georgia	-	-	-	-	-	-	-	-	-
Hawaii	41	1,997	0.9	2	(D)	(D)	33	731	0.7
Idaho	4,497	345,329	1.5	2,070	124,811	1.8	1,622	139,178	1.4
Illinois	24	24	1.8	24	24	1.8	-	-	-
Indiana	1	(D)	(D)	-	-	-	-	-	-
Iowa	43	43	1.0	21	21	1.0	-	-	-
Kansas	203	13,657	1.0	203	13,657	1.0	-	-	-
Kentucky	6	6	1.0	6	6	1.0	-	-	-
Louisiana	1,121	1,015,537	1.2	509	500,837	0.8	421	267,382	1.9
Maine	10	10	1.0	5	(D)	(D)	-	-	-
Maryland	7	31	1.1	7	31	1.1	-	-	-
Massachusetts	44	282	0.6	-	-	-	36	(D)	0.6
Michigan	19	19	1.0	19	19	1.0	-	-	-
Minnesota	68	11,112	1.8	40	88	0.5	28	11,024	1.8
Mississippi	803	1,059,676	0.9	708	816,204	0.8	8	640	1.5
Missouri	530	571,235	0.9	394	340,463	0.9	23	10,980	0.5
Montana	2,892	586,782	1.2	412	52,534	1.1	1,752	343,305	1.2
Nebraska	921	110,495	1.0	805	87,334	1.1	29	841	0.3
Nevada	952	389,518	2.8	124	6,789	2.0	614	243,331	2.7
New Hampshire	4	21	4.6	1	(D)	(D)	3	(D)	5.0
New Jersey	21	2,420	0.6	-	-	-	21	2,420	0.6
New Mexico	5,270	262,713	2.2	1,432	109,087	2.0	3,195	130,517	2.5
New York	66	2,471	0.6	43	1,321	0.5	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
North Dakota	39	7,495	1.2	19	4,440	1.1	20	3,055	1.3
Ohio	-	-	-	-	-	-	-	-	-
Oklahoma	74	20,031	1.4	15	13,646	1.3	30	4,500	2.0
Oregon	1,935	148,453	1.5	411	23,868	1.9	726	85,332	1.5
Pennsylvania	33	669	1.0	27	69	0.8	6	600	1.0
Rhode Island	-	-	-	-	-	-	-	-	-
South Carolina	49	274	0.3	49	274	0.3	-	-	-
South Dakota	124	9,123	0.9	43	7,403	0.9	54	1,126	0.9
Tennessee	51	154	1.5	25	50	1.5	26	104	1.5
Texas	1,825	302,190	1.3	591	207,288	1.2	974	59,016	1.8
Utah	4,125	284,182	1.9	742	16,352	1.2	2,333	205,948	1.9
Vermont	4	24	1.3	-	-	-	4	24	1.3
Virginia	-	-	-	-	-	-	-	-	-
Washington	430	28,485	1.9	218	22,854	2.1	82	1,097	1.3
West Virginia	4	4	(D)	4	4	1.0	-	-	-
Wisconsin	43	233	0.2	-	-	-	21	189	0.1
Wyoming	2,659	562,336	1.5	1,155	196,046	1.8	658	162,798	1.4
Water Resource Regions									
Region 01 New England	66	329	0.9	10	16	1.3	39	284	0.9
Region 02 Mid-Atlantic	115	6,828	0.6	60	1,408	0.5	27	3,020	0.6
Region 03 South Atlantic-Gulf	338	370,261	0.8	202	25,370	1.3	39	155,004	1.0
Region 04 Great Lakes	68	110	0.9	42	42	1.0	4	24	1.3
Region 05 Ohio	33	112	1.5	6	(D)	1.0	26	104	1.5
Region 06 Tennessee	25	(D)	(D)	25	(D)	1.5	-	-	-
Region 07 Upper Mississippi	159	9,244	1.1	81	2,709	0.3	56	6,513	1.4
Region 08 Lower Mississippi	3,869	5,747,739	1.1	2,052	2,413,085	0.8	462	278,176	1.9
Region 09 Souris-Red-Rainy	25	8,464	1.6	21	464	0.9	4	8,000	1.6
Region 10 Missouri	7,475	1,190,899	1.3	2,792	357,421	1.5	2,612	408,780	1.3
Region 11 Arkansas-White-Red	2,154	747,111	1.3	842	209,620	1.4	883	75,514	1.7
Region 12 Texas-Gulf	1,350	282,405	1.3	388	169,334	1.2	694	70,256	1.7
Region 13 Rio Grande	4,906	324,100	1.9	1,205	117,834	1.7	2,990	135,934	2.4
Region 14 Upper Colorado	6,447	683,771	1.5	2,651	165,598	1.8	2,479	319,714	1.5
Region 15 Lower Colorado	1,869	663,975	4.4	395	139,221	4.1	1,082	307,086	4.6
Region 16 Great Basin	4,588	657,434	2.4	836	21,653	1.5	2,575	431,570	2.4
Region 17 Pacific Northwest	7,274	550,694	1.5	2,760	172,782	1.8	2,755	254,727	1.3
Region 18 California	6,690	1,487,194	3.5	1,840	331,179	2.9	3,610	797,840	3.8
Region 19 Alaska	2	(D)	(D)	2	(D)	(D)	-	-	-
Region 20 Hawaii	41	1,997	0.9	2	(D)	(D)	33	731	0.7

See footnote(s) at end of table.

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Table 36. Estimated Quantity of Water Applied in the Open Using Only Gravity Flow Systems: 2023 and 2018
(continued)

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

Geographic area	Only uncontrolled flooding (rangeland, pastureland, etc.)			Only other gravity systems, including water seepage		
	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
United States2023	6,325	679,910	1.5	891	254,905	0.7
.....2018	9,144	913,507	1.5	1,418	85,804	2.0
2023 DATA						
Alabama	-	-	-	-	-	-
Alaska	-	-	-	-	-	-
Arizona	263	16,969	1.0	19	38	0.5
Arkansas	13	469	0.4	-	-	-
California	767	51,502	2.1	79	2,400	1.6
Colorado	1,271	165,437	1.4	153	13,385	1.7
Connecticut	-	-	-	4	8	0.5
Delaware	-	-	-	5	(D)	0.6
Florida	60	780	1.2	35	179,807	0.5
Georgia	-	-	-	-	-	-
Hawaii	4	434	1.2	2	(D)	(D)
Idaho	583	53,055	1.3	68	13,580	1.9
Illinois	-	-	-	-	-	-
Indiana	-	-	-	1	(D)	(D)
Iowa	-	-	-	22	22	(D)
Kansas	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-
Louisiana	34	3,704	0.4	-	-	-
Maine	-	-	-	5	(D)	1.0
Maryland	-	-	-	-	-	-
Massachusetts	-	-	-	8	(D)	0.5
Michigan	-	-	-	-	-	-
Minnesota	-	-	-	-	-	-
Mississippi	-	-	-	-	-	-
Missouri	12	120	0.5	-	-	-
Montana	551	137,546	1.2	-	-	-
Nebraska	57	2,820	0.8	30	19,500	0.5
Nevada	116	34,475	3.5	-	-	-
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	314	18,519	1.1	99	440	1.7
New York	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-
Ohio	-	-	-	-	-	-
Oklahoma	29	1,885	0.5	-	-	-
Oregon	625	23,995	1.4	128	11,988	1.2
Pennsylvania	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-
South Dakota	27	594	1.3	-	-	-
Tennessee	-	-	-	-	-	-
Texas	198	11,585	1.7	32	661	1.3
Utah	765	46,015	2.0	65	1,543	1.8
Vermont	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	89	2,914	1.2	41	1,620	1.8
West Virginia	-	-	-	-	-	-
Wisconsin	-	-	-	22	44	0.5
Wyoming	547	107,092	1.2	73	8,502	1.6
Water Resource Regions						
Region 01 New England	-	-	-	17	29	0.6
Region 02 Mid-Atlantic	-	-	-	5	1,250	0.6
Region 03 South Atlantic-Gulf	60	780	1.2	35	179,807	0.5
Region 04 Great Lakes	-	-	-	22	44	(D)
Region 05 Ohio	-	-	-	1	(D)	(D)
Region 06 Tennessee	-	-	-	-	-	-
Region 07 Upper Mississippi	-	-	-	22	22	1.0
Region 08 Lower Mississippi	46	3,824	0.4	-	-	-
Region 09 Souris-Red-Rainy	-	-	-	-	-	-
Region 10 Missouri	1,494	249,174	1.2	147	29,322	0.8
Region 11 Arkansas-White-Red	130	6,204	1.3	66	6,820	1.8
Region 12 Texas-Gulf	206	18,514	1.6	32	661	1.3
Region 13 Rio Grande	276	16,858	1.0	99	440	1.7
Region 14 Upper Colorado	941	167,641	1.4	65	5,817	1.7
Region 15 Lower Colorado	263	16,969	1.0	19	38	0.5
Region 16 Great Basin	816	83,993	2.5	43	971	2.0
Region 17 Pacific Northwest	1,301	61,522	1.1	237	27,188	1.6
Region 18 California	788	53,997	2.1	79	2,400	1.6
Region 19 Alaska	-	-	-	-	-	-
Region 20 Hawaii	4	434	1.2	2	(D)	(D)

¹ Acres represent the acres of land with coverage by at least one of the systems. Acres are not double counted if multiple systems exist on the same acreage.