

Table 34. Estimated Quantity of Water Applied in the Open Using Only Gravity Flow Systems to Distribute Water: 2013 and 2008

[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 (between borders or within basins)		
	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
United States 2013	53,824	13,296,785	1.9	18,380	3,394,577	1.7	19,564	3,511,942	2.5
..... 2008	60,018	13,622,819	2.2	19,086	3,449,137	2.0	22,336	4,098,939	2.4
2013 DATA									
Alabama	27	1,384	0.3	11	328	0.4	-	-	-
Alaska	4	62	0.3	4	62	0.3	-	-	-
Arizona	2,368	570,305	4.1	469	177,937	4.0	1,239	103,951	4.9
Arkansas	2,360	3,069,585	1.4	799	502,308	1.4	377	351,189	1.6
California	9,100	2,285,786	3.2	2,566	262,188	3.3	4,835	1,046,564	4.0
Colorado	6,570	764,112	1.9	3,037	255,850	2.2	1,689	164,323	2.1
Connecticut	13	51	0.3	13	51	0.3	-	-	-
Delaware	-	-	-	-	-	-	-	-	-
Florida	177	470,642	1.4	73	35,849	1.0	19	192,915	1.0
Georgia	6	2,100	0.4	-	-	-	-	-	-
Hawaii	98	649	1.9	23	242	2.6	46	205	1.2
Idaho	5,665	414,708	1.9	2,811	209,029	2.5	1,074	79,876	1.7
Illinois	7	1,760	(D)	1	(D)	(D)	-	-	-
Indiana	19	786	0.6	12	12	1.0	7	774	0.6
Iowa	20	245	0.1	14	185	0.1	6	60	0.2
Kansas	267	27,316	1.3	212	27,151	1.3	55	165	0.3
Kentucky	24	335	0.4	17	90	0.5	-	-	-
Louisiana	1,028	740,159	1.4	323	244,193	0.9	570	334,041	2.1
Maine	-	-	-	-	-	-	-	-	-
Maryland	8	256	0.5	6	(D)	0.5	-	-	-
Massachusetts	6	987	(D)	-	-	-	6	987	(D)
Michigan	6	6	1.0	-	-	-	-	-	-
Minnesota	30	20,926	1.1	-	-	-	28	(D)	1.3
Mississippi	550	756,510	1.2	343	376,868	1.0	23	19,019	1.5
Missouri	539	490,511	1.0	326	254,642	0.9	60	13,560	1.3
Montana	3,902	796,899	1.3	240	54,748	1.4	2,013	334,538	1.4
Nebraska	2,187	334,216	1.2	2,037	330,466	1.2	150	3,750	0.6
Nevada	1,252	342,206	2.2	98	11,521	3.4	708	176,183	2.4
New Hampshire	3	9	2.0	-	-	-	-	-	-
New Jersey	4	90	1.0	2	(D)	(D)	-	-	-
New Mexico	6,072	217,073	1.7	1,341	42,071	1.6	2,935	92,389	2.4
New York	19	695	0.3	10	530	0.4	-	-	-
North Carolina	48	968	0.9	34	256	0.3	2	(D)	(D)
North Dakota	76	12,140	0.9	23	3,178	1.1	38	(D)	1.2
Ohio	27	101	0.5	7	25	0.6	-	-	-
Oklahoma	25	2,168	1.2	25	2,168	1.2	-	-	-
Oregon	2,095	321,552	1.8	272	34,415	2.7	728	106,975	1.9
Pennsylvania	21	265	0.1	12	18	0.7	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-
South Carolina	11	790	0.1	-	-	-	2	(D)	(D)
South Dakota	219	30,997	1.3	64	5,897	1.1	71	14,380	1.4
Tennessee	25	302	0.8	14	154	(D)	2	(D)	(D)
Texas	1,943	419,745	1.6	604	240,813	1.5	853	108,430	2.2
Utah	3,523	326,143	1.9	749	50,162	1.8	1,415	129,767	2.0
Vermont	17	55	0.4	6	33	0.4	3	6	0.5
Virginia	-	-	-	-	-	-	-	-	-
Washington	755	83,613	2.2	605	58,551	2.2	20	3,336	3.1
West Virginia	7	106	0.1	7	106	0.1	-	-	-
Wisconsin	19	414	1.2	10	20	0.8	-	-	-
Wyoming	2,682	787,057	1.4	1,160	211,860	1.6	590	218,612	1.3
Water Resources Regions									
Region 01 New England	22	1,047	(D)	13	51	0.3	6	987	(D)
Region 02 Mid-Atlantic	50	565	0.5	34	407	0.5	-	-	-
Region 03 South Atlantic-Gulf	269	476,600	1.4	122	37,233	1.0	23	193,155	1.0
Region 04 Great Lakes	30	668	0.4	9	480	0.4	3	6	0.5
Region 05 Ohio	79	1,326	0.3	36	127	0.6	7	610	(D)
Region 06 Tennessee	18	135	(D)	13	36	0.4	-	-	-
Region 07 Upper Mississippi	75	21,015	0.7	42	13,817	0.5	18	(D)	1.0
Region 08 Lower Mississippi	3,901	4,486,281	1.3	1,622	1,285,404	1.1	879	644,973	1.8
Region 09 Souris-Red-Rainy	27	16,174	1.2	7	56	2.3	18	(D)	1.5
Region 10 Missouri	9,152	1,855,203	1.4	3,704	639,280	1.4	3,110	498,930	1.4
Region 11 Arkansas-White-Red	2,134	726,296	1.3	913	177,575	1.5	330	89,683	1.7
Region 12 Texas-Gulf	1,558	379,162	1.6	420	215,161	1.5	664	94,707	2.3
Region 13 Rio Grande	6,039	234,530	1.8	1,223	26,262	1.9	2,977	98,111	2.3
Region 14 Upper Colorado	5,366	722,293	1.8	3,104	209,168	2.1	1,033	209,152	1.9
Region 15 Lower Colorado	2,680	605,541	4.1	361	178,171	4.0	1,276	105,645	4.9
Region 16 Great Basin	3,852	568,231	2.1	405	36,184	2.6	2,011	287,272	2.2
Region 17 Pacific Northwest	9,207	880,903	1.8	3,759	312,673	2.4	2,210	207,305	1.7
Region 18 California	9,263	2,320,104	3.2	2,566	262,188	3.3	4,953	1,068,608	4.0
Region 19 Alaska	4	62	0.3	4	62	0.3	-	-	-
Region 20 Hawaii	98	649	1.9	23	242	2.6	46	205	1.2

See footnote(s) at end of table.

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Table 34. Estimated Quantity of Water Applied in the Open Using Only Gravity Flow Systems to Distribute Water: 2013 and 2008 (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		
	Farms	Acres irrigated	Average acre-feet per acre	Farms	Acres irrigated	Average acre-feet per acre
United States2013	6,896	787,224	1.5	1,054	155,793	2.3
.....2008 ¹	6,059	901,645	1.8	3,350	289,819	2.0
2013 DATA						
Alabama	10	260	0.5	-	-	-
Alaska	-	-	-	-	-	-
Arizona	165	4,044	2.6	140	6,752	4.1
Arkansas	-	-	-	27	4,012	2.0
California	518	51,124	1.8	163	45,590	3.6
Colorado	448	87,501	1.6	223	37,109	1.8
Connecticut	-	-	-	-	-	-
Delaware	-	-	-	-	-	-
Florida	44	8,591	(D)	16	15,791	0.8
Georgia	-	-	-	4	960	0.3
Hawaii	8	76	1.8	-	-	-
Idaho	1,389	48,679	1.2	-	-	-
Illinois	-	-	-	5	400	0.3
Indiana	-	-	-	-	-	-
Iowa	-	-	-	-	-	-
Kansas	-	-	-	-	-	-
Kentucky	-	-	-	-	-	-
Louisiana	7	(D)	(D)	-	-	-
Maine	-	-	-	-	-	-
Maryland	-	-	-	2	(D)	(D)
Massachusetts	-	-	-	-	-	-
Michigan	-	-	-	6	6	1.0
Minnesota	2	(D)	(D)	-	-	-
Mississippi	-	-	-	-	-	-
Missouri	-	-	-	1	(D)	(D)
Montana	1,025	159,307	1.2	170	7,856	1.1
Nebraska	-	-	-	-	-	-
Nevada	178	64,072	1.6	-	-	-
New Hampshire	-	-	-	3	9	2.0
New Jersey	-	-	-	2	(D)	(D)
New Mexico	1,082	38,191	0.7	-	-	-
New York	-	-	-	9	165	0.2
North Carolina	6	600	1.0	6	(D)	0.3
North Dakota	-	-	-	7	266	0.5
Ohio	-	-	-	20	76	0.5
Oklahoma	-	-	-	-	-	-
Oregon	745	88,223	2.0	-	-	-
Pennsylvania	-	-	-	9	247	0.1
Rhode Island	-	-	-	-	-	-
South Carolina	2	(D)	(D)	-	-	-
South Dakota	44	2,140	1.4	-	-	-
Tennessee	2	(D)	(D)	7	28	0.5
Texas	206	21,478	1.0	13	10,660	2.5
Utah	604	29,280	2.5	102	(D)	(D)
Vermont	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	11	3,300	2.3	17	4,906	2.2
West Virginia	-	-	-	-	-	-
Wisconsin	-	-	-	-	-	-
Wyoming	400	168,945	1.5	102	16,326	1.6
Water Resources Regions						
Region 01 New England	-	-	-	3	9	2.0
Region 02 Mid-Atlantic	-	-	-	16	158	0.4
Region 03 South Atlantic-Gulf	62	9,831	(D)	26	16,823	0.8
Region 04 Great Lakes	-	-	-	10	166	0.3
Region 05 Ohio	-	-	-	29	344	0.2
Region 06 Tennessee	1	(D)	(D)	-	-	-
Region 07 Upper Mississippi	-	-	-	5	400	0.3
Region 08 Lower Mississippi	5	(D)	(D)	1	(D)	(D)
Region 09 Souris-Red-Rainy	2	(D)	(D)	-	-	-
Region 10 Missouri	1,024	299,461	1.3	263	18,959	1.4
Region 11 Arkansas-White-Red	118	7,260	0.5	220	13,308	1.4
Region 12 Texas-Gulf	250	23,238	1.0	13	10,660	2.5
Region 13 Rio Grande	1,043	39,759	0.8	-	-	-
Region 14 Upper Colorado	342	82,158	2.0	8	26,870	2.0
Region 15 Lower Colorado	367	12,596	2.1	140	6,752	4.1
Region 16 Great Basin	784	58,810	1.7	102	(D)	(D)
Region 17 Pacific Northwest	2,344	180,752	1.7	55	11,338	1.8
Region 18 California	546	63,450	1.9	163	45,590	3.6
Region 19 Alaska	-	-	-	-	-	-
Region 20 Hawaii	8	76	1.8	-	-	-

¹ 2008 data do not include non-horticultural field crops and pasture acreage on horticulture operations.