

Table 10. Estimated Quantity of Water Applied Using Only Gravity Flow Systems to Distribute Water: 2008 and 2003

[Excludes institutional, research, and experimental farms and farms with horticulture. 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	59,271	13,456,627	2.2	19,086	3,449,137	2.0	22,336	4,098,939	2.4
..... 2008 ..	73,446	15,743,675	2.0	24,813	4,880,321	1.9	30,475	4,767,164	2.3
..... 2003 ..									
2008 DATA									
Alabama	86	2,334	0.9	71	1,758	1.0	5	40	0.5
Alaska	1	(D)	(D)	1	(D)	(D)	-	-	-
Arizona	1,946	578,548	5.6	166	100,721	5.1	1,295	249,689	6.4
Arkansas	2,860	2,736,611	2.0	834	473,750	2.1	646	491,039	2.2
California	10,472	2,472,035	3.3	2,525	445,247	3.2	3,442	837,230	3.5
Colorado	8,212	1,177,311	1.5	3,902	348,215	2.0	1,675	263,129	1.4
Connecticut	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-
Florida	571	403,311	1.4	104	58,192	1.4	29	314,403	1.3
Georgia	109	3,163	0.5	57	1,915	0.4	-	-	-
Hawaii	194	1,107	1.0	95	131	1.3	70	386	1.0
Idaho	5,529	371,403	2.1	2,436	179,332	2.5	1,907	90,815	1.2
Illinois	32	3,602	0.6	15	461	1.1	2	(D)	(D)
Indiana	-	-	-	-	-	-	-	-	-
Iowa	20	1,355	1.7	5	1,155	1.7	5	20	5.6
Kansas	580	58,294	1.1	477	46,778	1.2	88	4,016	1.0
Kentucky	94	2,155	0.4	50	985	0.3	22	652	0.5
Louisiana	1,236	663,556	1.1	406	195,229	0.8	691	340,096	1.5
Maine	-	-	-	-	-	-	-	-	-
Maryland	22	132	0.6	22	132	0.6	-	-	-
Massachusetts	7	98	0.1	-	-	-	7	98	0.1
Michigan	49	1,090	0.3	49	1,090	0.3	-	-	-
Minnesota	37	17,077	1.6	14	14	0.2	20	14,153	1.5
Mississippi	540	581,811	1.1	252	152,926	0.9	87	54,170	1.3
Missouri	495	428,700	0.9	346	250,642	0.8	31	33,817	0.8
Montana	4,296	708,973	1.4	442	71,359	2.3	2,780	380,055	1.2
Nebraska	794	286,736	1.4	769	257,186	1.1	-	-	-
Nevada	1,103	294,530	1.8	71	7,750	3.1	692	130,926	2.0
New Hampshire	8	24	0.2	8	24	0.2	-	-	-
New Jersey	21	1,348	0.9	17	908	0.6	4	440	1.5
New Mexico	5,632	293,717	2.5	740	58,975	2.4	3,643	160,482	2.8
New York	4	32	(D)	4	32	(Z)	-	-	-
North Carolina	-	-	-	-	-	-	-	-	-
North Dakota	89	30,196	1.4	17	8,433	1.6	35	5,136	0.9
Ohio	23	326	0.6	14	146	0.8	-	-	-
Oklahoma	132	33,955	1.3	63	30,175	1.3	44	443	1.9
Oregon	1,928	370,020	1.9	563	56,321	2.8	837	118,836	2.1
Pennsylvania	51	209	0.3	29	143	0.3	-	-	-
Rhode Island	4	4	4.4	-	-	-	-	-	-
South Carolina	4	380	0.4	2	(D)	(D)	-	-	-
South Dakota	327	45,295	1.0	41	8,031	1.0	181	21,957	1.0
Tennessee	46	2,130	0.8	31	1,952	0.8	-	-	-
Texas	3,113	619,929	1.9	1,401	309,320	1.6	1,284	213,417	2.6
Utah	4,311	354,201	2.0	1,157	50,061	2.4	1,672	120,097	2.2
Vermont	5	15	0.1	5	15	0.1	-	-	-
Virginia	16	288	0.5	16	288	0.5	-	-	-
Washington	1,228	98,429	2.5	706	72,029	2.6	20	15,980	1.1
West Virginia	7	(D)	5.9	4	(D)	0.4	2	(D)	(D)
Wisconsin	34	728	3.2	13	26	0.5	8	520	3.0
Wyoming	3,003	811,317	2.1	1,146	257,064	2.4	1,112	235,943	1.9
Water Resources Regions									
Region 01 New England	19	126	0.2	8	24	0.2	7	98	0.1
Region 02 Mid-Atlantic	122	2,114	1.0	93	1,502	0.5	6	544	2.5
Region 03 South Atlantic-Gulf	771	410,264	1.4	230	62,041	1.4	39	315,523	1.3
Region 04 Great Lakes	89	1,474	0.4	80	1,294	0.4	-	-	-
Region 05 Ohio	113	1,842	0.4	69	672	0.3	22	(D)	0.5
Region 06 Tennessee	40	(D)	(D)	21	(D)	(D)	5	40	0.5
Region 07 Upper Mississippi	120	19,555	0.7	55	11,297	0.6	30	5,180	0.6
Region 08 Lower Mississippi	4,516	3,989,375	1.6	1,652	991,759	1.4	1,328	856,552	1.8
Region 09 Souris-Red-Rainy	10	13,463	1.9	-	-	-	9	(D)	1.8
Region 10 Missouri	8,987	1,819,039	1.6	3,116	663,879	1.8	3,713	509,062	1.3
Region 11 Arkansas-White-Red	3,430	805,685	1.5	1,642	334,713	1.6	899	108,506	1.6
Region 12 Texas-Gulf	2,390	487,563	1.9	1,039	207,723	1.6	943	205,194	2.6
Region 13 Rio Grande	5,471	489,062	2.2	1,029	136,148	1.8	3,675	198,205	2.7
Region 14 Upper Colorado	6,070	808,674	1.6	2,467	138,233	1.9	1,041	241,280	1.7
Region 15 Lower Colorado	2,336	630,079	5.5	433	115,716	5.1	1,297	249,309	6.4
Region 16 Great Basin	4,346	558,344	2.1	748	27,143	2.5	2,177	239,556	2.1
Region 17 Pacific Northwest	9,336	961,667	2.0	3,629	317,075	2.7	3,349	294,401	1.5
Region 18 California	10,910	2,456,931	3.2	2,679	439,727	3.1	3,726	863,298	3.4
Region 19 Alaska	1	(D)	(D)	1	(D)	(D)	-	-	-
Region 20 Hawaii	194	1,107	1.0	95	131	1.3	70	386	1.0

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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 States2008 ..	6,059	901,645	1.8	2,794	193,099	2.6
.....2003 ..	9,188	1,197,437	1.5	1,090	110,249	2.2
2008 DATA						
Alabama	-	-	-	10	536	0.5
Alaska	-	-	-	-	-	-
Arizona	201	4,397	4.3	109	218	3.5
Arkansas	-	-	-	-	-	-
California	1,378	100,954	4.3	1,059	59,594	3.6
Colorado	730	204,570	1.2	99	6,894	1.1
Connecticut	-	-	-	-	-	-
Delaware	-	-	-	-	-	-
Florida	213	9,807	2.0	219	17,849	3.2
Georgia	-	-	-	52	1,248	(D)
Hawaii	2	(D)	(D)	12	24	2.2
Idaho	670	28,501	1.0	155	26,170	2.0
Illinois	13	91	0.5	-	-	-
Indiana	-	-	-	-	-	-
Iowa	5	175	1.0	5	5	1.6
Kansas	-	-	-	15	7,500	0.5
Kentucky	7	(D)	0.5	13	44	0.7
Louisiana	6	3,140	1.1	4	6,800	1.6
Maine	-	-	-	-	-	-
Maryland	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-
Michigan	-	-	-	-	-	-
Minnesota	-	-	-	3	2,910	(D)
Mississippi	-	-	-	-	-	-
Missouri	4	604	0.5	-	-	-
Montana	677	105,450	1.5	-	-	-
Nebraska	-	-	-	-	-	-
Nevada	252	105,076	1.2	12	12,072	2.9
New Hampshire	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-
New Mexico	394	29,809	1.2	516	8,644	1.5
New York	-	-	-	-	-	-
North Carolina	-	-	-	-	-	-
North Dakota	7	77	0.1	-	-	-
Ohio	-	-	-	-	-	-
Oklahoma	23	2,217	1.5	-	-	-
Oregon	375	112,718	1.6	18	8,558	1.3
Pennsylvania	-	-	-	22	66	0.3
Rhode Island	-	-	-	4	4	4.4
South Carolina	-	-	-	2	(D)	(D)
South Dakota	30	2,885	1.5	29	3,080	1.1
Tennessee	4	47	0.9	9	(D)	2.9
Texas	14	2,800	0.3	-	-	-
Utah	625	46,771	2.1	100	11,065	2.6
Vermont	-	-	-	-	-	-
Virginia	-	-	-	-	-	-
Washington	-	-	-	247	1,690	2.2
West Virginia	-	-	-	1	(D)	(D)
Wisconsin	-	-	-	13	182	4.3
Wyoming	429	141,510	2.0	66	17,735	2.6
Water Resources Regions						
Region 01 New England	-	-	-	4	4	4.4
Region 02 Mid-Atlantic	-	-	-	23	68	0.3
Region 03 South Atlantic-Gulf	213	9,807	2.0	283	19,833	3.0
Region 04 Great Lakes	-	-	-	-	-	-
Region 05 Ohio	7	(D)	(D)	13	44	0.7
Region 06 Tennessee	3	32	1.3	9	9	2.9
Region 07 Upper Mississippi	13	91	0.5	20	(D)	(D)
Region 08 Lower Mississippi	7	3,155	1.1	4	6,800	1.6
Region 09 Souris-Red-Rainy	-	-	-	1	(D)	(D)
Region 10 Missouri	824	209,849	1.6	92	20,615	2.1
Region 11 Arkansas-White-Red	277	15,823	0.8	77	8,430	0.7
Region 12 Texas-Gulf	16	5,400	1.3	-	-	-
Region 13 Rio Grande	125	29,558	1.5	126	3,778	0.8
Region 14 Upper Colorado	1,058	230,954	1.4	452	11,910	2.0
Region 15 Lower Colorado	307	7,967	3.1	109	218	3.5
Region 16 Great Basin	659	128,815	2.1	90	22,257	2.7
Region 17 Pacific Northwest	1,174	168,174	1.5	420	36,418	1.9
Region 18 California	1,374	91,974	3.9	1,059	59,594	3.6
Region 19 Alaska	-	-	-	-	-	-
Region 20 Hawaii	2	(D)	(D)	12	24	2.2