

**Table 14. Irrigation Wells on Farms: 2003 and 1998**

[Excludes abnormal and horticultural specialty farms. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Wells capable of being used		Wells used									
	Farms	Number	Farms	Number	With meters			With backflow prevention devices				
					Farms	Number	Acres irrigated	Farms	Number	Acres irrigated		
U.S. TOTAL .....	2003 ..	1998 ..	2003 ..	1998 ..	2003 ..	1998 ..	2003 ..	1998 ..	2003 ..	1998 ..	2003 ..	1998 ..
	104,776	401,193	104,776	379,674	19,063	61,259	6,712,236	62,051	215,955	18,829,398		
	110,164	418,696	102,291	374,956	21,901	64,712	(NA)	61,608	253,354	(NA)		
<b>2003 DATA</b>												
Alabama	292	528	292	477	30	48	1,932	150	226	10,328		
Alaska	54	62	54	57	5	5	(D)	17	19	934		
Arizona	1,018	5,149	1,018	4,424	189	631	81,727	439	2,408	91,629		
Arkansas	3,912	37,776	3,912	35,574	252	674	144,936	1,716	10,633	1,093,172		
California	25,765	67,637	25,765	64,423	4,831	11,488	1,006,732	16,791	38,020	2,284,076		
Colorado	2,331	11,793	2,331	10,646	685	2,899	285,397	1,666	7,403	800,857		
Connecticut	102	158	102	146	1	(D)	(D)	46	64	77		
Delaware	177	797	177	709	24	96	8,866	130	468	40,625		
Florida	7,216	17,150	7,216	16,376	1,027	3,711	330,132	4,636	10,591	490,587		
Georgia	1,839	5,533	1,839	5,083	175	371	47,126	1,280	3,453	299,652		
Hawaii	84	129	84	127	26	32	10,378	30	47	22,964		
Idaho	2,528	6,924	2,528	6,796	412	1,339	269,115	1,201	4,608	925,148		
Illinois	1,019	3,261	1,019	3,204	53	122	15,351	687	2,581	286,122		
Indiana	918	2,372	918	2,318	47	131	12,551	522	1,317	135,576		
Iowa	531	1,341	531	1,223	46	76	8,912	313	758	81,436		
Kansas	4,400	19,526	4,400	19,124	2,680	11,786	1,520,672	3,056	13,343	1,672,892		
Kentucky	149	244	149	231	3	4	310	68	111	6,056		
Louisiana	1,738	7,714	1,738	6,276	26	131	9,157	631	2,166	244,771		
Maine	342	490	342	420	33	33	33	73	108	262		
Maryland	290	613	290	588	6	9	887	126	350	26,979		
Massachusetts	215	350	215	315	6	6	96	107	157	532		
Michigan	1,612	4,217	1,612	4,031	114	255	28,048	1,025	2,755	238,298		
Minnesota	1,409	3,920	1,409	3,797	514	1,330	138,268	1,065	2,939	291,659		
Mississippi	1,188	9,053	1,188	8,518	19	54	13,538	610	2,052	208,779		
Missouri	1,584	11,449	1,584	10,913	100	307	30,550	621	3,623	315,167		
Montana	1,022	1,810	1,022	1,732	339	412	31,107	455	801	51,564		
Nebraska	15,637	71,506	15,637	69,583	3,713	14,092	1,542,327	9,048	35,406	4,098,470		
Nevada	616	1,986	616	1,805	262	607	77,725	274	946	137,096		
New Hampshire	81	112	81	97	3	(D)	(D)	50	58	79		
New Jersey	486	977	486	844	86	115	3,851	283	538	17,806		
New Mexico	2,500	8,430	2,500	8,061	638	1,761	116,975	868	3,890	270,578		
New York	563	998	563	704	21	37	1,403	228	293	5,678		
North Carolina	564	870	564	835	10	37	2,249	296	441	10,758		
North Dakota	336	1,734	336	1,636	189	775	77,237	273	1,372	118,921		
Ohio	266	407	266	375	16	16	264	122	174	3,368		
Oklahoma	1,288	4,540	1,288	4,192	49	125	16,168	543	2,341	238,588		
Oregon	3,666	7,855	3,666	7,590	693	1,128	121,579	2,234	3,586	201,079		
Pennsylvania	746	1,279	746	961	53	61	600	349	432	2,389		
Rhode Island	20	36	20	36	4	8	16	4	8	16		
South Carolina	702	1,239	702	1,090	16	20	2,150	210	534	18,262		
South Dakota	793	1,872	793	1,838	31	44	3,927	460	1,068	138,137		
Tennessee	223	344	223	320	6	21	3,680	56	109	13,421		
Texas	8,693	63,602	8,693	59,955	898	4,530	437,265	6,017	46,089	3,113,295		
Utah	1,128	2,632	1,128	2,316	91	223	29,281	557	1,136	119,497		
Vermont	103	123	103	119	10	10	15	34	34	55		
Virginia	468	911	468	704	18	52	1,760	202	361	3,589		
Washington	2,857	5,626	2,857	5,070	540	1,312	230,564	1,668	3,354	371,701		
West Virginia	43	77	43	49	-	-	-	32	32	102		
Wisconsin	903	3,056	903	3,002	40	263	32,844	615	2,313	265,509		
Wyoming	359	985	359	964	33	68	14,060	167	439	60,864		
<b>Water Resources Areas</b>												
WRA 01 New England	830	1,236	830	1,100	52	56	172	309	424	1,016		
WRA 02 Mid-Atlantic	2,537	5,137	2,537	4,242	207	354	16,991	1,206	2,321	96,703		
WRA 03 South Atlantic-Gulf	10,970	25,652	10,970	24,193	1,248	4,165	382,809	6,878	15,533	826,312		
WRA 04 Great Lakes	2,221	5,673	2,221	5,338	167	381	39,979	1,382	3,559	320,604		
WRA 05 Ohio	1,007	2,294	1,007	2,155	33	54	11,241	577	1,338	135,472		
WRA 06 Tennessee	215	286	215	257	13	(D)	1,910	59	81	4,573		
WRA 07 Upper Mississippi	3,476	10,278	3,476	10,023	581	1,584	160,873	2,373	7,463	763,912		
WRA 08 Lower Mississippi	6,879	56,976	6,879	53,235	318	1,011	181,009	2,795	15,970	1,696,594		
WRA 09 Souris-Red-Rainy	358	1,692	358	1,618	144	590	56,153	267	1,308	108,541		
WRA 10 Missouri	20,893	89,393	20,893	86,654	5,164	18,399	2,032,447	12,381	47,281	5,438,688		
WRA 11 Arkansas-White-Red	7,504	45,416	7,504	42,663	2,545	11,764	1,495,818	4,761	27,448	3,148,189		
WRA 12 Texas-Gulf	6,977	49,010	6,977	46,483	756	3,854	322,279	4,657	35,138	1,826,276		
WRA 13 Rio Grande	2,287	8,591	2,287	7,553	778	2,245	179,988	933	3,442	291,506		
WRA 14 Upper Colorado	471	533	471	532	2	(D)	(D)	5	12	1,700		
WRA 15 Lower Colorado	1,331	5,834	1,331	4,953	202	708	92,203	614	2,696	108,220		
WRA 16 Great Basin	1,387	4,029	1,387	3,684	356	772	102,138	774	2,005	256,575		
WRA 17 Pacific Northwest	9,424	21,137	9,424	20,192	1,586	3,697	605,342	5,192	11,766	1,482,263		
WRA 18 California	25,871	67,835	25,871	64,615	4,880	11,560	1,019,748	16,841	38,104	2,298,556		
WRA 19 Alaska	54	62	54	57	5	5	(D)	17	19	934		
WRA 20 Hawaii	84	129	84	127	26	32	10,378	30	47	22,964		

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**Table 14. Irrigation Wells on Farms: 2003 and 1998 - Con.**

[Excludes abnormal and horticultural specialty farms. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms by number of wells used									
	1 well	2 wells	3 wells	4 wells	5 wells	6 wells	7 to 9 wells	10 to 14 wells	15 to 19 wells	20 wells or more
U.S. TOTAL .....	51,589	17,502	8,262	5,356	3,449	2,981	6,556	4,586	2,015	2,480
1998 ..	46,526	18,276	8,910	5,306	4,569	4,095	6,103	(NA)	(NA)	(NA)
<b>2003 DATA</b>										
Alabama	214	53	6	8	2	-	2	6	1	-
Alaska	52	1	-	-	-	-	-	-	-	-
Arizona	589	112	55	35	33	20	35	32	14	93
Arkansas	461	447	307	259	319	271	574	549	294	431
California	16,515	3,274	1,667	1,022	352	506	1,355	581	308	185
Colorado	677	341	291	199	214	136	194	168	47	64
Connecticut	92	-	2	-	-	8	-	-	-	-
Delaware	40	46	24	11	13	11	18	9	4	1
Florida	4,459	1,394	496	388	138	80	66	87	44	64
Georgia	1,007	340	152	80	54	51	58	54	20	23
Hawaii	63	10	10	-	-	-	-	1	-	-
Idaho	1,472	444	158	117	89	35	104	68	12	29
Illinois	473	188	104	54	45	34	54	40	17	10
Indiana	477	193	78	59	27	24	38	10	2	10
Iowa	285	101	44	47	29	1	7	13	4	-
Kansas	1,360	674	485	448	329	177	495	276	73	83
Kentucky	108	22	13	-	1	1	4	-	-	-
Louisiana	621	273	232	190	129	50	131	66	31	15
Maine	271	68	-	2	1	-	-	-	-	-
Maryland	196	40	15	13	5	4	7	9	1	-
Massachusetts	144	65	-	-	3	1	-	2	-	-
Michigan	982	295	90	52	34	37	68	33	6	15
Minnesota	803	262	121	58	26	19	50	33	18	19
Mississippi	404	59	100	69	61	78	116	132	63	106
Missouri	537	137	157	77	59	57	164	185	81	130
Montana	557	361	48	25	1	23	3	4	-	-
Nebraska	4,476	3,337	1,880	922	728	664	1,891	1,105	322	312
Nevada	313	145	25	21	39	14	28	15	9	7
New Hampshire	65	16	-	-	-	-	-	-	-	-
New Jersey	349	53	39	19	7	4	11	4	-	-
New Mexico	1,388	516	93	77	94	45	114	87	32	54
New York	490	36	20	6	8	3	-	-	-	-
North Carolina	487	21	39	-	3	2	6	4	-	2
North Dakota	103	74	41	28	11	8	29	14	12	16
Ohio	202	36	23	-	-	4	1	-	-	-
Oklahoma	655	259	97	76	42	24	44	38	20	33
Oregon	2,057	1,090	189	112	40	42	73	29	13	21
Pennsylvania	601	101	38	2	-	2	1	-	1	-
Rhode Island	12	4	-	4	-	-	-	-	-	-
South Carolina	492	157	18	9	4	13	5	2	-	2
South Dakota	407	208	51	27	19	42	21	15	2	1
Tennessee	196	9	5	7	2	1	-	2	-	1
Texas	2,546	1,268	700	598	373	426	696	831	544	711
Utah	770	100	77	83	52	9	16	16	3	2
Vermont	87	16	-	-	-	-	-	-	-	-
Virginia	266	197	-	-	1	3	-	-	-	1
Washington	2,020	411	191	101	36	24	29	30	4	11
West Virginia	37	6	-	-	-	-	-	-	-	-
Wisconsin	527	140	63	47	22	18	31	24	6	25
Wyoming	184	102	17	4	4	9	17	12	7	3
<b>Water Resources Areas</b>										
WRA 01 New England	638	169	2	6	4	9	-	2	-	-
WRA 02 Mid-Atlantic	1,804	429	128	51	34	24	37	22	6	2
WRA 03 South Atlantic-Gulf	7,025	1,962	708	485	199	146	136	153	65	91
WRA 04 Great Lakes	1,415	370	126	66	43	46	84	39	10	22
WRA 05 Ohio	618	180	76	37	20	32	26	8	6	4
WRA 06 Tennessee	191	16	5	-	2	-	1	-	-	-
WRA 07 Upper Mississippi	1,843	683	295	163	105	70	141	94	34	48
WRA 08 Lower Mississippi	1,336	736	662	535	534	404	828	827	428	589
WRA 09 Souris-Red-Rainy	156	50	29	34	11	9	30	16	7	16
WRA 10 Missouri	6,794	4,237	2,488	1,234	1,004	859	2,227	1,288	388	374
WRA 11 Arkansas-White-Red	1,911	1,284	629	859	426	394	659	677	323	342
WRA 12 Texas-Gulf	2,365	983	577	320	348	244	604	581	354	601
WRA 13 Rio Grande	1,133	486	143	75	73	66	139	99	30	43
WRA 14 Upper Colorado	454	6	-	-	-	11	-	-	-	-
WRA 15 Lower Colorado	862	125	55	35	48	20	43	33	15	95
WRA 16 Great Basin	746	232	102	104	81	23	50	30	12	7
WRA 17 Pacific Northwest	5,610	2,237	555	321	165	117	194	135	29	61
WRA 18 California	16,573	3,306	1,671	1,031	352	507	1,357	581	308	185
WRA 19 Alaska	52	1	1	-	-	-	-	-	-	-
WRA 20 Hawaii	63	10	10	-	-	-	-	1	-	-