

Table 16. Characteristics for Irrigation Wells Used on Farms: 2003 and 1998

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

Geographic area	Average well depth ¹				Number of wells for farms with an average pumping depth of -					
	For all pumped wells (feet)	For farms with one well (feet)	For farms with two wells (feet)	For farms with three wells (feet)	Under 50 feet	50 to 99 feet	100 to 199 feet	200 to 299 feet	300 to 499 feet	500 feet or more
U.S. TOTAL 2003 1998	238 238	259 (NA)	251 (NA)	253 (NA)	14,819 (NA)	51,353 (NA)	138,403 (NA)	69,959 (NA)	71,238 (NA)	30,079 (NA)
2003 DATA										
Alabama	155	165	171	230	14	81	260	48	72	2
Alaska	130	138	30	55	10	15	24	-	8	-
Arizona	604	424	340	546	-	376	757	376	354	2,552
Arkansas	121	100	133	113	482	8,285	25,793	727	52	216
California	328	360	241	279	635	3,063	15,609	16,761	15,556	10,217
Colorado	178	148	189	220	1,136	2,293	3,467	1,167	2,239	190
Connecticut	135	164	-	44	59	8	35	8	1	11
Delaware	127	98	77	105	14	205	457	15	-	18
Florida	365	222	443	439	2,220	863	3,946	2,406	2,212	4,390
Georgia	305	407	381	319	80	67	1,796	986	1,266	886
Hawaii	228	177	395	232	14	-	53	39	13	8
Idaho	295	214	265	412	1	397	2,449	1,413	1,576	908
Illinois	111	143	107	107	115	1,412	1,467	76	82	29
Indiana	83	100	82	91	493	1,045	728	45	5	-
Iowa	115	179	118	94	119	421	563	66	30	20
Kansas	222	147	165	214	1,125	2,551	5,421	6,037	2,640	1,350
Kentucky	129	123	158	143	14	82	95	39	1	-
Louisiana	134	156	166	147	354	1,344	3,547	850	120	61
Maine	193	233	34	-	66	37	106	74	67	33
Maryland	134	170	190	92	43	307	142	44	23	30
Massachusetts	64	81	27	-	146	66	65	-	6	-
Michigan	121	130	122	109	507	1,246	1,770	376	105	16
Minnesota	130	165	119	118	269	1,486	1,440	234	314	31
Mississippi	115	94	131	103	176	1,387	6,765	44	43	37
Missouri	125	301	236	194	57	4,426	5,762	28	306	334
Montana	138	116	140	151	142	699	264	448	121	24
Nebraska	199	203	228	202	2,325	9,836	24,536	20,489	11,743	654
Nevada	344	249	300	389	-	94	224	246	814	425
New Hampshire	287	284	298	-	16	3	20	8	20	24
New Jersey	128	125	136	129	34	156	617	22	15	-
New Mexico	253	166	194	274	273	801	3,031	1,421	1,562	876
New York	88	86	87	90	96	356	225	12	9	-
North Carolina	156	140	161	229	-	320	344	11	160	-
North Dakota	93	119	113	107	264	663	683	20	6	-
Ohio	123	129	101	64	64	126	128	25	17	12
Oklahoma	220	174	241	255	510	623	1,059	575	1,267	158
Oregon	247	236	256	222	1,268	478	1,761	1,523	2,097	389
Pennsylvania	245	249	249	244	67	78	203	283	285	45
Rhode Island	213	223	205	-	4	-	4	16	4	-
South Carolina	175	125	202	290	119	259	195	385	112	18
South Dakota	132	144	140	108	285	482	702	174	139	56
Tennessee	158	149	141	199	-	74	155	52	31	8
Texas	292	323	352	435	213	2,641	18,699	10,374	23,533	4,492
Utah	317	244	444	254	3	326	316	497	605	464
Vermont	145	145	-	-	29	21	19	16	13	5
Virginia	256	250	283	-	-	89	129	197	134	97
Washington	298	244	437	312	772	668	1,039	774	949	868
West Virginia	276	304	190	-	6	5	19	5	-	14
Wisconsin	155	176	191	171	93	968	1,253	374	279	35
Wyoming	257	281	369	140	87	124	261	153	233	76
Water Resources Areas										
WRA 01 New England	152	181	77	44	320	125	237	116	111	68
WRA 02 Mid-Atlantic	169	187	198	153	231	1,032	1,747	579	386	203
WRA 03 South Atlantic-Gulf	328	227	403	399	2,433	1,972	6,492	3,834	3,823	5,296
WRA 04 Great Lakes	123	128	121	116	564	1,644	2,449	473	175	19
WRA 05 Ohio	102	115	136	78	336	1,127	495	44	120	23
WRA 06 Tennessee	147	137	187	146	-	50	146	37	24	-
WRA 07 Upper Mississippi	132	171	126	130	760	3,955	3,787	656	714	121
WRA 08 Lower Mississippi	121	132	148	124	882	12,172	37,764	1,705	254	378
WRA 09 Souris-Red-Rainy	93	109	108	98	241	712	621	26	6	-
WRA 10 Missouri	196	189	223	193	3,586	13,622	29,196	24,644	14,424	1,152
WRA 11 Arkansas-White-Red	264	208	251	272	2,217	5,204	10,781	5,816	14,904	3,727
WRA 12 Texas-Gulf	257	311	312	433	153	2,288	19,623	8,719	13,367	2,333
WRA 13 Rio Grande	240	195	184	309	52	1,521	2,621	1,324	944	846
WRA 14 Upper Colorado	82	64	360	-	221	151	138	8	12	2
WRA 15 Lower Colorado	573	391	319	546	-	542	818	417	535	2,632
WRA 16 Great Basin	353	303	378	283	3	120	410	812	1,272	939
WRA 17 Pacific Northwest	266	222	271	297	2,151	2,021	5,360	3,937	4,546	2,040
WRA 18 California	328	361	244	279	645	3,080	15,641	16,773	15,600	10,292
WRA 19 Alaska	130	138	30	55	10	15	24	-	8	-
WRA 20 Hawaii	228	177	395	232	14	-	53	39	13	8

See footnote(s) at end of table.

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Table 16. Characteristics for Irrigation Wells Used on Farms: 2003 and 1998 - Con.

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

Geographic area	Average depth to water				Number of wells for farms with an average depth to water of -					
	For all pumped wells (feet)	For farms with one well (feet)	For farms with two wells (feet)	For farms with three wells (feet)	Under 50 feet	50 to 99 feet	100 to 199 feet	200 to 299 feet	300 to 499 feet	500 feet or more
U.S. TOTAL 2003 .. 1998 ..	97 93	103 (NA)	101 (NA)	87 (NA)	147,720 (NA)	99,506 (NA)	78,105 (NA)	30,900 (NA)	17,414 (NA)	2,206 (NA)
2003 DATA										
Alabama	48	57	41	81	343	90	28	14	2	-
Alaska	85	92	11	12	26	11	12	8	-	-
Arizona	237	264	127	161	567	944	538	678	1,541	147
Arkansas	47	37	44	46	23,145	10,485	1,697	40	118	70
California	106	148	74	80	15,492	25,807	13,119	2,899	3,322	1,202
Colorado	78	77	108	87	4,597	2,706	2,436	699	54	-
Connecticut	69	86	-	19	70	20	22	1	9	-
Delaware	40	35	38	41	490	198	3	-	18	-
Florida	91	90	122	104	8,730	3,169	1,967	383	1,584	204
Georgia	91	95	118	103	1,694	1,542	1,533	273	37	2
Hawaii	135	109	269	112	64	21	22	3	9	8
Idaho	151	92	119	191	1,505	1,542	1,730	1,046	831	90
Illinois	34	54	33	32	2,721	335	95	30	-	-
Indiana	27	39	24	22	2,084	200	32	-	-	-
Iowa	30	54	34	18	1,044	118	44	4	9	-
Kansas	110	67	89	90	6,662	3,473	5,739	2,621	629	-
Kentucky	71	68	105	76	108	73	36	14	-	-
Louisiana	45	55	62	54	4,279	1,330	632	35	-	-
Maine	79	95	16	-	144	136	33	70	-	-
Maryland	46	62	74	34	417	124	14	29	4	-
Massachusetts	32	43	15	-	218	33	32	-	-	-
Michigan	41	56	45	34	2,999	714	271	36	-	-
Minnesota	37	51	36	38	3,053	473	188	37	23	-
Mississippi	41	33	44	39	5,564	2,727	139	20	-	2
Missouri	24	102	36	34	10,176	225	406	34	21	51
Montana	41	48	33	23	1,415	114	82	87	-	-
Nebraska	80	81	102	85	25,401	21,905	19,391	2,886	-	-
Nevada	97	97	104	111	470	479	762	74	18	-
New Hampshire	65	74	33	-	55	13	17	3	3	-
New Jersey	43	58	69	37	559	209	63	13	-	-
New Mexico	114	69	107	110	1,769	2,784	1,903	998	510	-
New York	40	40	34	25	545	135	12	6	-	-
North Carolina	64	61	69	55	241	397	197	-	-	-
North Dakota	36	38	42	27	1,285	258	87	6	-	-
Ohio	59	62	59	34	221	84	40	27	-	-
Oklahoma	113	83	128	149	1,547	800	990	465	388	2
Oregon	108	93	163	77	3,873	1,083	1,217	511	796	36
Pennsylvania	107	129	69	80	276	287	219	140	6	33
Rhode Island	127	160	103	-	4	12	8	-	4	-
South Carolina	49	41	33	103	662	282	131	4	9	-
South Dakota	41	48	54	44	1,439	191	196	12	-	-
Tennessee	52	56	85	23	208	53	54	2	3	-
Texas	173	95	183	156	5,906	11,502	19,401	15,973	7,047	123
Utah	87	61	67	102	779	251	1,118	61	2	-
Vermont	58	58	-	-	72	2	22	6	1	-
Virginia	98	103	102	-	286	66	251	37	6	-
Washington	117	105	188	90	2,209	1,013	703	509	410	226
West Virginia	68	71	60	-	8	28	13	-	-	-
Wisconsin	44	55	35	51	1,990	802	174	32	-	4
Wyoming	99	96	135	83	308	260	286	74	-	6
Water Resources Areas										
WRA 01 New England	63	77	25	19	536	216	128	80	17	-
WRA 02 Mid-Atlantic	65	85	71	49	2,378	1,011	500	225	31	33
WRA 03 South Atlantic-Gulf	86	81	111	101	12,034	5,453	3,851	674	1,632	206
WRA 04 Great Lakes	42	52	46	32	3,956	993	339	36	-	-
WRA 05 Ohio	37	49	47	26	1,742	214	151	32	6	-
WRA 06 Tennessee	63	50	133	73	130	73	40	14	-	-
WRA 07 Upper Mississippi	39	56	33	39	7,761	1,536	550	94	48	4
WRA 08 Lower Mississippi	42	46	49	45	36,443	13,896	2,529	97	118	72
WRA 09 Souris-Red-Rainy	28	31	38	26	1,438	123	41	4	-	-
WRA 10 Missouri	81	76	99	82	33,141	24,922	24,383	4,151	21	6
WRA 11 Arkansas-White-Red	149	105	153	141	13,532	5,285	8,727	9,116	5,910	79
WRA 12 Texas-Gulf	146	84	137	122	5,510	11,897	16,424	10,036	2,519	97
WRA 13 Rio Grande	82	75	91	75	2,884	2,589	1,131	525	179	-
WRA 14 Upper Colorado	38	31	217	-	377	67	82	2	4	-
WRA 15 Lower Colorado	222	209	121	161	801	978	774	703	1,541	147
WRA 16 Great Basin	97	82	88	103	886	704	1,811	135	20	-
WRA 17 Pacific Northwest	120	94	141	111	8,510	3,655	3,439	2,062	2,037	352
WRA 18 California	106	148	74	80	15,571	25,862	13,171	2,903	3,322	1,202
WRA 19 Alaska	85	92	11	12	26	11	12	8	-	-
WRA 20 Hawaii	135	109	269	112	64	21	22	3	9	8

¹ Data do not include flowing or artesian wells.