

Table 20. Concentrations of radiochemicals and stable isotopes in samples from land-use wells, 1997

[pCi/L, picocuries per liter; <, less than detection limit indicated. Numbers in parentheses () are U.S. Geological Survey Water Data Storage and Retrieval System parameter codes]

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tritium, total (pCi/L) (07000)	Tritium, precision estimate (pCi/L) (75985)	Radon-222, total (pCi/L) (82303)	Radon-222, precision estimate (pCi/L) (76002)	Oxygen 18/16 ratio (82085)	Hydrogen 2/1 ratio (82082)
Agricultural land-use wells										
1	405405091335001	07-02-97	1000	regular	25	1.9	861	32	-7.63	-48.6
2	405601091551901	07-10-97	1210	do.	29	1.9	487	25	-7.62	-47.1
3	411511091155101	06-24-97	0900	do.	28	1.9	266	21	-6.72	-41.8
4	411843092105101	07-14-97	1030	do.	36	2.6	883	30	-7.70	-49.0
5	412755091114101	06-25-97	0830	do.	58	3.8	247	21	-7.37	-47.0
6	412927092575201	07-14-97	1430	do.	33	2.6	289	21	-7.20	-45.7
7	413248092011301	07-07-97	1050	do.	39	2.6	219	18	-7.14	-43.0
8	413540091341201	06-10-97	1215	do.	34	2.6	1,500	36	-8.15	-51.4
9	414208092312601	07-09-97	1150	do.	24	1.6	488	24	-7.96	-51.4
10	414912093284201	07-15-97	0850	do.	29	1.9	187	19	-7.54	-51.0
11	414958090230301	06-12-97	1005	do.	30	1.9	237	20	-7.74	-50.7
12	415527092190301	07-17-97	0850	do.	44	2.6	442	25	-8.20	-52.2
13	420117092505601	07-09-97	0850	do.	33	2.6	1,009	32	-8.15	-53.6
14	421115091250501	07-24-97	0910	do.	31	1.9	415	23	-8.69	-56.3
15	421705092142501	07-22-97	1250	do.	35	2.6	305	21	-8.46	-55.9
16	422518092144701	07-22-97	0930	do.	30	2.6	232	20	-13.52	-97.0
17	422629092345001	07-23-97	1200	do.	29	1.9	197	19	-8.91	-58.7
18	423419093172401	07-08-97	0950	do.	38	2.6	396	25	-10.55	-71.5
19	423557091560501	08-27-97	0920	do.	<1.0	1.0	344	21	-7.53	-47.1
20	423639092350901	06-17-97	1450	do.	36	2.6	221	20	-7.28	-47.9
21	424203092551301	07-31-97	1230	do.	30	1.9	350	22	-15.70	-111.8
22	424548092101701	08-26-97	0910	do.	39	2.6	366	22	-7.71	-49.2
23	425401093135201	07-31-97	0850	do.	31	1.9	400	23	-9.61	-64.0
24	425756092162401	08-21-97	1210	do.	36	2.6	415	24	-8.96	-57.6

Table 20. Concentrations of radiochemicals and stable isotopes in samples from land-use wells, 1997—Continued

Map-index number (fig. 2)	Well identification	Date (month-day-year)	Time (24-hour)	Type of sample	Tritium, total (pCi/L) (07000)	Tritium, precision estimate (pCi/L) (75985)	Radon-222, total (pCi/L) (82303)	Radon-222, precision estimate (pCi/L) (76002)	Oxygen 18/16 ratio (82085)	Hydrogen 2/1 ratio (82082)
Agricultural land-use wells—Continued										
25	430159093403201	07-29-97	0930	regular	44	2.6	361	21	-10.13	-68.5
26	430525093023501	07-30-97	1320	do.	33	1.9	528	25	-10.00	-68.5
27	431222093313301	07-29-97	1250	do.	32	2.6	453	22	-8.47	-55.8
28	431339093155901	07-30-97	0930	do.	39	2.6	440	24	-7.81	-50.8
29	432946093161901	08-18-97	1350	do.	33	1.9	590	36	-10.58	-74.0
30	433815093000001	08-04-97	1240	do.	44	2.6	767	28	-10.36	-71.7
31	435221093001901	08-05-97	0930	do.	34	2.6	345	21	-11.24	-77.8
Urban land-use wells										
32	412855091421601	07-10-97	0840	regular	44	2.6	196	20	-7.54	-48.5
33	413414091095501	06-25-97	1110	do.	29	1.9	235	21	-7.52	-47.2
34	413823091322301	06-09-97	1150	do.	45	3.2	358	22	-7.24	-45.7
35	413933091304701	06-05-97	0935	do.	120	7.7	657	27	-7.76	-51.3
36	414435090465101	06-23-97	0955	do.	46	3.2	367	23	-7.43	-45.8
37	415825091405601	07-17-97	1230	do.	31	1.9	325	23	-7.98	-52.6
38	415827091392401	06-30-97	0930	do.	34	2.6	258	21	-7.81	-50.9
39	415850090572201	06-11-97	1330	do.	30	1.9	281	23	-8.39	-55.2
40	420219093361301	07-15-97	1200	do.	30	1.9	260	20	-7.07	-47.4
41	420240092535001	07-16-97	0900	do.	37	2.6	443	23	-7.68	-49.0
42	420347092541601	07-16-97	1210	do.	34	2.6	373	22	-8.25	-53.6
43	420936092005701	07-21-97	1220	do.	21	1.9	454	24	-8.16	-53.2
44	421012092020101	07-21-97	0940	do.	41	2.6	172	20	-8.39	-55.0
45	422426092272401	06-19-97	0940	do.	34	2.6	1,003	33	-8.54	-56.7
46	422754092375301	07-23-97	0900	do.	31	1.9	728	28	-8.72	-56.9
47	422913092192501	06-18-97	0920	do.	40	2.6	364	24	-8.16	-53.8
48	422918092183901	06-18-97	1255	do.	41	2.6	262	22	-8.59	-58.2

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Urban land-use wells—Continued										
49	423018092200901	08-26-97	1310	regular	39	2.6	538	24	-8.12	-54.7
50	423459092523701	07-28-97	1050	do.	36	2.6	435	24	-8.17	-53.1
51	423459092530501	07-28-97	1340	do.	32	1.9	382	22	-8.70	-55.6
52	423930093294901	07-08-97	1440	do.	34	2.6	564	27	-8.71	-57.6
53	424034091553401	08-27-97	1640	do.	31	1.9	1,035	33	-8.94	-62.9
54	424322092283901	06-17-97	0935	do.	39	2.6	283	21	-8.55	-55.4
55	430414092405801	08-21-97	0830	do.	31	2.6	739	29	-9.41	-66.5
56	430442092402201	08-19-97	0930	do.	31	1.9	237	26	-8.85	-58.3
57	431438092262201	08-20-97	0900	do.	35	2.6	495	27	-8.65	-56.3
58	433855093222401	08-06-97	1130	do.	29	1.9	360	23	-8.49	-56.2
59	433944092583501	08-05-97	1140	do.	27	1.9	1,221	33	-8.85	-57.2
60	434003092575401	08-06-97	0830	do.	26	1.9	972	32	-8.90	-59.0
61	434023093214201	08-07-97	0900	do.	40	2.6	811	32	-8.53	-55.7