

Water-level changes in the *Equus* Beds aquifer northwest of Wichita, Kansas, from August 1940 to January 2008.

[well numbers beginning with IW are part of a well cluster; number for the shallow well in the cluster ends in A, number for the deep well in the cluster ends in C]

Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface)¹	Water-level change (feet)²
1	1/2/2008	34.15	-16.93
2	1/2/2008	41.77	-20.29
3	1/2/2008	49.20	-24.34
4	1/2/2008	45.37	-20.97
5	1/2/2008	36.05	-17.48
6	1/2/2008	37.49	-18.29
7	1/2/2008	33.13	-18.95
8	1/2/2008	29.15	-18.77
9	1/2/2008	27.66	-18.61
10	1/2/2008	31.00	-19.25
11	1/2/2008	28.39	-18.47
12	1/2/2008	35.50	-22.48
13	1/2/2008	26.81	-17.59
14	1/2/2008	27.30	-17.50
15	1/2/2008	28.90	-15.79
16	1/2/2008	32.30	-17.77
17	1/2/2008	28.60	-16.43
18	1/2/2008	21.30	-15.47
19	1/2/2008	28.80	-17.32
20	1/2/2008	27.65	-13.95
21	1/2/2008	26.92	-16.74
22	1/2/2008	26.54	-14.70
23	1/2/2008	25.38	-14.38
24	1/2/2008	27.63	-14.71
25	1/2/2008	23.95	-14.10

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface)¹	Water-level change (feet)²
26	1/2/2008	22.10	-14.10
27	1/2/2008	24.55	-14.15
28	1/2/2008	24.66	-14.36
29	1/2/2008	20.44	-10.94
30	1/2/2008	21.31	-11.51
31	1/2/2008	23.17	-12.07
32	1/2/2008	23.50	-12.90
33	1/2/2008	21.57	-13.77
34	1/2/2008	21.63	-12.03
35	1/2/2008	26.23	-12.43
36	1/2/2008	23.00	-11.30
37	1/2/2008	19.72	-9.42
38	1/2/2008	21.20	-7.20
39	1/2/2008	19.66	-9.46
40	1/2/2008	16.20	-6.70
41	1/2/2008	15.43	-8.93
42	1/2/2008	17.58	-10.28
44	1/2/2008	13.19	-9.09
45	1/2/2008	13.33	-8.33
46	1/2/2008	14.75	-8.05
47	1/2/2008	17.15	-10.15
48	1/2/2008	28.09	-14.19
49	1/2/2008	26.24	-12.44
50	1/2/2008	26.49	-15.69
51	1/2/2008	12.73	-5.58

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface)¹	Water-level change (feet)²
52	1/2/2008	14.02	-7.22
53	1/2/2008	11.05	-6.45
54	1/2/2008	17.33	-10.63
55	1/2/2008	14.06	-7.66
101	1/15/2008	32.52	-1.52
102	1/15/2008	30.66	-2.66
103	1/15/2008	31.49	-11.99
104	1/15/2008	29.68	-7.18
105	1/15/2008	25.12	-10.12
108	1/15/2008	14.66	-8.06
109	1/15/2008	12.95	-3.55
110	1/16/2008	9.36	-2.86
111	1/14/2008	16.40	-2.00
112	1/14/2008	19.94	-8.64
114	1/16/2008	9.10	-4.10
115	1/16/2008	7.56	-2.56
118	1/15/2008	14.66	2.34
120	1/14/2008	22.49	-2.49
122	1/14/2008	22.80	-2.80
124	1/14/2008	20.97	-2.97
126	1/16/2008	14.34	-3.34
130	1/15/2008	11.60	-4.10
133	1/16/2008	8.08	-5.08
506	1/15/2008	15.84	-0.26
810	1/16/2008	15.59	-2.21

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface)¹	Water-level change (feet)²
815	1/14/2008	20.15	-6.57
816	1/14/2008	22.08	-10.28
821	1/15/2008	29.45	-17.05
826	1/14/2008	15.70	-3.75
833	1/14/2008	20.79	-11.41
839	1/14/2008	25.64	-12.56
840	1/16/2008	14.69	-7.42
842	1/16/2008	8.92	-2.07
870	1/16/2008	11.18	-3.21
878	1/15/2008	33.90	-16.70
880	1/15/2008	17.10	-10.76
886	1/14/2008	21.30	-17.31
892	1/15/2008	3.39	0.44
1173	1/16/2008	23.25	-12.75
1175	1/14/2008	17.07	-5.87
1176	1/14/2008	20.53	-7.23
1179	1/14/2008	18.72	-1.72
1186	1/14/2008	18.75	-4.75
1187	1/14/2008	15.52	-5.02
1189	1/16/2008	20.55	-14.85
1190	1/14/2008	25.49	-13.19
2084	1/16/2008	21.88	-12.58
3001	1/15/2008	28.94	-13.84
3002	1/16/2008	9.47	-7.07
3032	1/14/2008	23.17	-11.07

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface) ¹	Water-level change (feet) ²
3033	1/14/2008	20.99	-9.99
3034	1/15/2008	7.16	-1.16
3035	1/15/2008	20.17	-7.67
3036	1/15/2008	28.93	-12.53
3038	1/15/2008	39.85	-12.35
3041	1/16/2008	11.20	-2.20
3044	1/16/2008	8.49	-2.69
3050	1/16/2008	11.40	-5.10
IW-01C	1/11/2008	56.43	-6.20
IW-02C	1/11/2008	32.31	-0.14
IW-03A	1/11/2008	12.32	-6.89
IW-04C	1/11/2008	21.01	-10.44
IW-05A	1/11/2008	25.75	-9.19
IW-06A	1/11/2008	31.78	-12.78
IW-07A	1/11/2008	44.93	-13.77
IW-08A	1/11/2008	13.91	-5.92
IW-09A	1/11/2008	16.51	-6.79
IW-10A	1/11/2008	35.93	-18.29
IW-11A	1/11/2008	35.95	-10.33
IW-12A	1/11/2008	18.56	-1.86
IW-13A	1/11/2008	10.33	-5.04
IW-14A	1/11/2008	13.77	-8.73
IW-15A	1/11/2008	29.76	-17.07
IW-16A	1/11/2008	22.28	-18.01
IW-17A	1/11/2008	17.43	-7.61

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface)¹	Water-level change (feet)²
IW-18A	1/11/2008	7.71	-2.20
IW-19A	1/11/2008	10.79	-6.14
IW-20A	1/11/2008	23.98	-12.86
IW-21A	1/11/2008	27.48	-14.10
IW-22A	1/11/2008	20.71	-10.08
IW-23A	1/11/2008	21.44	-3.81
IW-24A	1/10/2008	7.43	-1.20
IW-25A	1/10/2008	10.09	-3.93
IW-26A	1/10/2008	12.66	-5.54
IW-27A	1/10/2008	17.23	-10.36
IW-28A	1/10/2008	24.28	-14.46
IW-29A	1/10/2008	18.55	-9.22
IW-30A	1/10/2008	13.20	-5.17
IW-31A	1/10/2008	8.87	-3.39
IW-32A	1/11/2008	16.66	-7.41
IW-33A	1/10/2008	22.57	-7.63
IW-34A	1/10/2008	16.76	-2.09
IW-35A	1/10/2008	4.92	-2.63
IW-36A	1/10/2008	9.19	-5.09
IW-37A	1/10/2008	14.65	-5.22
IW-38A	1/10/2008	15.30	-3.66
P27	1/15/2008	9.62	2.08
P28	1/15/2008	8.05	-0.45
P29	1/15/2008	8.89	-2.89
P30	1/15/2008	9.98	-3.38

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Well number (see map of well locations)	Date of water level measurement (month/day/year)	Depth to water (feet below land surface) ¹	Water-level change (feet) ²
P31	1/15/2008	15.30	-3.80
P32	1/15/2008	48.62	-5.52
P35	1/15/2008	6.05	0.45

¹ Depth to water measured by city of Wichita and Equus Beds Groundwater Management District No. 2.

² 1940 water level measured or interpolated from 1940 water-level altitude map by Aucott and Myers (1998) and Stramel (1956).