



Water-Data Report 2008

375259097252901 Local number EB-142

High Plains aquifer

Undefined Aquifer

Sedgwick County, KS

LOCATION.--Lat 37°52'59", long 97°25'29" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec.15, T.25 W., R.1 W., Sedgwick County, KS, Hydrologic Unit 11030012, at the downstream side of the county bridge, 2.0 mi south of Sedgwick, 4.1 mi downstream from Sand Creek. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 48.5 ft. Upper casing diameter 2 in; top of first opening 38.5 ft, bottom of last opening 48.5 ft. Drilled unused water-table well.

DATUM.--Land-surface datum is 1368.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 1.66 ft above land-surface datum, April 20, 2004, to present.

PERIOD OF RECORD.--November 1993 to current year.

GAGE.--Submersible transducer interfaced to a data-collection platform/data logger with a 1-hour update interval.

REMARKS.--Records good. Water level fluctuates with river stage and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level, 1,359.52 ft above NGVD of 1929, Nov. 4, 1998; minimum, 1,343.81 ft above NGVD of 1929, Nov. 4, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,349.51 ft, Sept. 14; minimum, 1,344.60 ft, Dec. 9.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,344.87	1,344.83	1,344.67	1,345.27	1,344.94	1,345.44	1,345.25	1,345.47	1,346.99	1,346.97	1,345.55	1,345.21
2	1,344.85	1,344.81	1,344.62	1,345.24	1,344.92	1,345.38	1,345.24	1,345.45	1,346.84	1,346.79	1,345.50	1,345.18
3	1,344.84	1,344.80	1,344.64	1,345.26	1,344.94	1,345.94	1,345.24	1,345.40	1,346.71	1,346.61	1,345.48	1,345.16
4	1,344.82	1,344.80	1,344.66	1,345.25	1,344.93	1,346.53	1,345.20	1,345.37	1,346.58	1,346.50	1,345.42	1,345.13
5	1,344.80	1,344.77	1,344.63	1,345.22	1,344.93	1,346.52	1,345.21	1,345.34	1,346.47	1,346.38	1,345.39	1,345.13
6	1,344.78	1,344.76	1,344.65	1,345.20	1,344.90	1,346.31	1,345.18	1,345.33	1,346.37	1,346.30	1,345.33	1,345.12
7	1,344.78	1,344.77	1,344.63	1,345.18	1,344.88	1,346.17	1,345.19	1,345.33	1,346.50	1,346.19	1,345.38	1,345.14
8	1,344.77	1,344.75	1,344.62	1,345.22	1,344.90	1,346.06	1,345.16	1,345.35	1,346.63	1,346.12	1,345.40	1,345.12
9	1,344.74	1,344.74	1,344.61	1,345.39	1,344.89	---	1,345.24	1,345.85	1,346.50	1,346.09	1,345.44	1,345.11
10	1,344.73	1,344.74	1,344.63	1,345.47	1,344.87	1,345.85	1,345.42	1,346.05	1,346.37	1,346.15	1,345.67	1,345.10
11	1,344.84	1,344.74	1,344.65	1,345.51	1,344.90	1,345.84	1,345.68	1,346.13	1,346.32	1,346.03	1,345.82	1,345.09
12	1,344.87	1,344.71	1,345.27	1,345.48	1,344.91	1,345.76	1,346.08	1,346.11	1,346.23	1,345.97	1,346.01	1,345.47
13	1,344.85	1,344.74	1,345.76	1,345.43	1,344.90	1,345.72	1,346.11	1,346.00	1,346.26	1,345.94	1,345.98	1,348.53
14	1,344.81	1,344.70	1,346.01	1,345.38	1,344.87	1,345.68	1,345.99	1,345.90	1,346.16	1,345.89	1,345.90	1,349.42
15	1,344.85	1,344.70	1,345.87	1,345.35	1,344.85	1,345.62	1,345.91	1,345.82	1,346.11	1,345.83	1,345.82	1,349.16
16	1,344.96	1,344.69	1,345.77	1,345.28	1,344.87	1,345.58	1,345.81	1,345.76	1,346.07	1,345.79	1,345.74	1,348.71
17	1,345.06	1,344.68	1,345.73	1,345.21	1,344.87	1,345.58	1,345.71	1,345.71	1,346.49	1,345.72	1,345.69	1,348.22
18	1,345.08	1,344.66	1,345.68	1,345.18	1,345.35	1,345.69	1,345.66	1,345.66	1,346.67	1,345.69	1,345.63	1,347.89
19	1,345.17	1,344.67	1,345.62	1,345.13	1,345.77	1,345.68	1,345.60	1,345.61	1,346.88	1,346.02	1,345.57	1,347.63
20	1,345.32	1,344.67	1,345.53	1,345.13	1,345.77	1,345.64	1,345.59	1,345.55	1,346.85	1,346.07	1,345.52	1,347.41
21	1,345.26	1,344.65	1,345.50	1,345.12	1,345.67	1,345.56	1,345.59	1,345.54	1,346.75	1,346.01	1,345.48	1,347.23
22	1,345.19	1,344.65	1,345.45	1,345.08	1,345.58	1,345.51	1,345.55	1,345.51	1,346.62	1,345.95	1,345.44	1,347.07
23	1,345.13	1,344.65	1,345.60	1,345.07	1,345.50	1,345.47	1,345.52	1,345.47	1,346.48	1,345.87	1,345.40	1,346.95
24	1,345.06	1,344.65	1,345.68	1,345.03	1,345.43	1,345.46	1,345.65	1,345.47	1,346.38	1,345.83	1,345.35	1,346.82
25	1,345.04	1,344.66	1,345.71	1,345.04	1,345.41	1,345.42	1,345.68	1,345.55	1,346.29	1,345.75	1,345.40	1,346.73
26	1,344.99	1,344.64	1,345.62	1,345.01	1,345.36	1,345.40	1,345.64	1,345.77	1,346.20	1,345.72	1,345.35	1,346.66
27	1,344.95	1,344.65	1,345.53	1,345.00	1,345.51	1,345.38	1,345.65	1,346.94	1,346.45	1,345.70	1,345.33	1,346.57
28	1,344.91	1,344.64	1,345.45	1,345.01	1,345.56	1,345.34	1,345.60	1,347.84	1,347.15	1,345.67	1,345.28	1,346.49
29	1,344.89	1,344.64	1,345.39	1,344.97	1,345.47	1,345.32	1,345.55	1,347.72	1,347.24	1,345.62	1,345.28	1,346.41
30	1,344.89	1,344.64	1,345.38	1,344.98	---	1,345.30	1,345.53	1,347.43	1,347.13	1,345.61	1,345.24	1,346.36
31	1,344.84	---	1,345.36	1,344.94	---	1,345.28	---	1,347.18	---	1,345.57	1,345.24	---
Mean	1,344.93	1,344.71	1,345.26	1,345.19	1,345.16	---	1,345.55	1,345.92	1,346.56	1,346.01	1,345.52	1,346.54
Max	1,345.32	1,344.83	1,346.01	1,345.51	1,345.77	---	1,346.11	1,347.84	1,347.24	1,346.97	1,346.01	1,349.42
Min	1,344.73	1,344.64	1,344.61	1,344.94	1,344.85	---	1,345.16	1,345.33	1,346.07	1,345.57	1,345.24	1,345.09

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