



Water-Data Report 2009

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.

GROUNDWATER 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 1,368.68 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, 1,351.75 ft, May 12; minimum water level, 1,345.27 ft, Mar. 6.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,346.30	1,346.48	1,345.98	1,345.72	1,345.46	1,345.30	1,346.36	1,350.42	1,347.35	1,347.75	1,346.95	1,345.92
2	1,346.27	1,346.45	1,345.98	1,345.68	1,345.45	1,345.31	1,346.51	1,349.78	1,347.27	1,347.61	1,346.90	1,345.89
3	1,346.21	1,346.40	1,345.94	1,345.69	1,345.45	1,345.31	1,346.48	1,349.23	1,347.26	1,347.50	1,346.80	1,345.88
4	1,346.19	1,346.38	1,345.92	1,345.64	1,345.44	1,345.31	1,346.45	1,348.94	1,347.26	1,347.42	1,346.71	1,345.86
5	1,346.15	1,346.35	1,345.94	1,345.66	1,345.45	1,345.30	1,346.33	1,348.71	1,347.21	1,347.34	1,346.65	1,346.10
6	1,346.12	1,346.30	1,345.91	1,345.65	1,345.46	1,345.29	1,346.26	1,348.53	1,347.15	1,347.26	1,346.60	1,346.07
7	1,346.14	1,346.27	1,345.91	1,345.64	1,345.43	1,345.29	1,346.22	1,348.36	1,347.09	1,347.20	1,346.53	1,346.06
8	1,346.10	1,346.24	1,345.93	1,345.63	1,345.44	1,345.29	1,346.16	1,349.10	1,347.04	1,347.12	1,346.50	1,346.24
9	1,346.06	1,346.21	1,345.86	1,345.62	1,345.47	1,345.33	1,346.15	1,351.19	1,347.17	1,347.10	1,346.44	1,347.21
10	1,346.04	1,346.20	1,345.85	1,345.59	1,345.45	1,345.39	1,346.05	1,351.38	1,347.10	1,347.66	1,346.39	1,347.05
11	1,345.99	1,346.34	1,345.85	1,345.58	1,345.42	1,345.37	1,346.24	1,351.62	1,347.03	1,347.66	1,346.35	1,346.99
12	1,345.96	1,346.58	1,345.83	1,345.58	1,345.42	1,345.39	1,346.57	1,351.67	1,346.98	1,347.45	1,346.32	1,346.95
13	1,345.93	1,346.59	1,345.87	1,345.59	1,345.43	1,345.37	1,346.63	1,350.57	1,346.94	1,347.29	1,346.28	1,346.83
14	1,345.97	1,346.53	1,345.81	1,345.56	1,345.41	1,345.36	1,346.82	1,349.89	1,346.88	1,347.18	1,346.24	1,346.72
15	1,346.33	1,346.46	1,345.76	1,345.53	1,345.40	1,345.35	1,346.89	1,349.57	1,346.85	1,347.20	1,346.21	1,346.63
16	1,347.27	1,346.41	1,345.79	1,345.55	1,345.41	1,345.33	1,346.82	1,349.18	1,347.10	1,347.12	1,346.19	1,346.61
17	1,347.68	1,346.33	1,345.78	1,345.55	1,345.47	1,345.32	1,346.70	1,348.98	1,349.00	1,347.03	1,346.17	1,346.54
18	1,347.99	1,346.29	1,345.78	1,345.55	1,345.40	1,345.30	1,346.61	1,348.77	1,349.26	1,346.95	1,346.25	1,346.47
19	1,347.60	1,346.27	1,345.75	1,345.54	1,345.39	1,345.29	1,346.52	1,348.57	1,349.48	1,346.89	1,346.22	1,346.41
20	1,347.32	1,346.20	1,345.74	1,345.53	1,345.39	1,345.29	1,346.85	1,348.44	1,349.14	1,346.86	1,346.25	1,346.37
21	1,347.17	1,346.18	1,345.71	1,345.53	1,345.35	1,345.28	1,346.81	1,348.28	1,348.88	1,346.94	1,346.20	1,346.36
22	1,347.06	1,346.16	1,345.75	1,345.54	1,345.35	1,345.28	1,346.71	1,348.15	1,349.18	1,346.99	1,346.16	1,346.29
23	1,347.03	1,346.15	1,345.77	1,345.51	1,345.36	1,345.30	1,346.71	1,348.04	1,349.66	1,347.09	1,346.13	1,346.39
24	1,346.95	1,346.10	1,345.70	1,345.50	1,345.36	1,345.41	1,346.80	1,347.91	1,349.99	1,347.04	1,346.10	1,346.52
25	1,346.90	1,346.09	1,345.72	1,345.50	1,345.34	1,345.41	1,346.71	1,347.82	1,349.60	1,346.90	1,346.07	1,346.56
26	1,346.84	1,346.07	1,345.73	1,345.49	1,345.34	1,345.42	1,346.64	1,347.73	1,348.88	1,346.82	1,346.05	1,346.47
27	1,346.78	1,346.05	1,345.70	---	1,345.33	1,345.42	1,348.41	1,347.66	1,348.53	1,346.76	1,346.02	1,346.41
28	1,346.72	1,346.03	1,345.68	1,345.49	1,345.30	1,345.44	1,350.32	1,347.63	1,348.25	1,346.69	1,346.00	1,346.31
29	1,346.67	1,346.03	1,345.68	1,345.48	---	1,345.44	1,350.24	1,347.55	1,348.08	1,347.15	1,345.98	1,346.29
30	1,346.60	1,346.01	1,345.71	1,345.48	---	1,345.69	1,350.38	1,347.49	1,347.91	1,347.13	1,345.96	1,346.29
31	1,346.53	---	1,345.68	1,345.49	---	1,345.94	---	1,347.42	---	1,346.97	1,345.93	---
Mean	1,346.61	1,346.27	1,345.81	---	1,345.41	1,345.37	1,346.98	1,348.99	1,347.98	1,347.16	1,346.31	1,346.42
Max	1,347.99	1,346.59	1,345.98	---	1,345.47	1,345.94	1,350.38	1,351.67	1,349.99	1,347.75	1,346.95	1,347.21
Min	1,345.93	1,346.01	1,345.68	---	1,345.30	1,345.28	1,346.05	1,347.42	1,346.85	1,346.69	1,345.93	1,345.86

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