

Water-Data Report 2006

**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 fair. Water level fluctuates with river stage and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1,359.52 ft above NGVD of 1929, Nov. 4, 1998; lowest, 1,343.89 ft above NGVD of 1929, Sept. 28, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum vertical datum, 1,345.79 ft, Oct. 1; minimum vertical datum, 1,343.89 ft, Sept. 28.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY OBSERVATION AT 1200 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,345.78	1,345.50	1,345.30	1,345.20	1,345.01	1,344.93	1,344.91	1,345.03	1,344.79	1,344.88	1,344.31	1,344.09
2	1,345.77	1,345.50	1,345.31	1,345.16	1,345.02	1,344.91	1,344.88	1,345.04	1,344.90	---	1,344.28	1,344.07
3	1,345.75	1,345.49	1,345.29	1,345.18	1,344.99	1,344.90	1,344.86	1,345.00	1,344.94	---	1,344.30	1,344.06
4	1,345.73	1,345.49	1,345.28	1,345.15	1,345.00	1,344.91	1,344.87	1,345.02	1,344.91	1,344.76	1,344.32	1,344.05
5	1,345.72	1,345.47	1,345.29	1,345.13	1,345.01	1,344.90	1,344.92	1,345.00	1,344.86	1,344.73	1,344.28	1,344.04
6	1,345.71	1,345.45	1,345.27	1,345.15	1,344.98	1,344.90	1,344.94	1,344.97	1,344.84	1,344.70	---	1,344.03
7	1,345.68	1,345.45	1,345.26	1,345.15	1,344.98	1,344.93	1,344.92	1,344.94	1,344.81	1,344.67	---	1,344.02
8	1,345.69	---	1,345.26	1,345.14	1,344.98	1,344.92	1,344.88	1,344.94	1,344.78	1,344.65	---	1,344.02
9	1,345.68	1,345.41	1,345.26	1,345.12	1,344.99	1,344.92	1,344.89	1,345.03	1,344.76	---	1,344.19	1,344.01
10	1,345.66	1,345.42	1,345.25	1,345.13	1,344.98	1,344.92	1,344.88	1,345.13	1,344.74	---	---	1,344.01
11	1,345.65	1,345.41	1,345.26	1,345.13	1,344.97	1,344.91	1,344.87	1,345.10	1,344.71	1,344.63	---	1,344.00
12	1,345.64	---	1,345.25	1,345.13	1,344.96	1,344.92	1,344.85	1,345.12	1,344.73	1,344.61	1,344.15	1,343.99
13	1,345.63	---	1,345.27	1,345.10	1,344.97	1,344.89	1,344.85	1,345.14	1,344.71	1,344.59	1,344.14	1,343.99
14	1,345.61	---	1,345.24	1,345.12	1,344.97	1,344.89	1,344.83	1,345.10	1,344.70	1,344.56	---	1,343.98
15	1,345.60	---	1,345.24	1,345.12	1,344.97	1,344.90	1,344.83	1,345.06	1,344.69	---	1,344.14	1,343.97
16	1,345.58	1,345.36	1,345.23	1,345.10	1,344.95	1,344.87	1,344.81	1,345.03	1,344.68	1,344.50	1,344.13	1,343.97
17	1,345.58	1,345.36	1,345.23	1,345.10	1,344.95	1,344.88	1,344.81	1,345.00	1,344.69	1,344.49	1,344.14	1,343.95
18	1,345.57	1,345.34	1,345.22	1,345.10	1,344.94	1,344.87	1,344.79	1,344.98	1,344.70	1,344.48	1,344.12	1,343.95
19	1,345.55	1,345.33	1,345.22	1,345.09	1,344.95	1,344.88	1,344.78	1,344.96	1,344.69	1,344.45	1,344.12	1,343.95
20	1,345.56	1,345.35	1,345.22	1,345.08	1,344.94	1,344.94	1,344.78	1,344.94	1,344.69	1,344.43	1,344.11	1,343.95
21	1,345.57	1,345.35	1,345.22	1,345.07	1,344.94	1,344.96	1,344.77	1,344.91	1,344.67	1,344.41	1,344.10	1,343.95
22	1,345.57	1,345.35	1,345.23	1,345.07	1,344.94	1,344.97	1,344.76	1,344.90	1,344.76	1,344.39	1,344.09	1,343.93
23	1,345.60	1,345.35	1,345.22	1,345.07	1,344.93	1,344.95	1,344.76	1,344.88	1,345.14	1,344.37	1,344.09	1,343.93
24	1,345.59	1,345.33	1,345.22	1,345.06	1,344.94	1,344.95	1,344.76	---	1,345.33	1,344.36	1,344.08	1,343.93
25	1,345.57	1,345.34	1,345.21	1,345.05	1,344.92	1,344.94	1,344.76	1,344.86	1,345.28	1,344.35	1,344.07	1,343.92
26	1,345.56	1,345.34	1,345.21	1,345.06	1,344.93	1,344.94	1,344.79	1,344.85	1,345.20	1,344.33	1,344.06	1,343.91
27	1,345.54	1,345.34	1,345.21	1,345.06	1,344.96	1,344.91	1,344.76	---	1,345.11	1,344.32	1,344.13	1,343.91
28	1,345.53	1,345.32	1,345.20	1,345.07	1,344.92	1,344.90	1,344.78	1,344.83	1,345.04	1,344.50	1,344.21	1,343.91
29	1,345.52	1,345.31	1,345.21	1,345.06	---	1,344.90	1,344.98	1,344.81	1,344.98	1,344.48	1,344.18	1,343.91
30	1,345.51	1,345.33	1,345.19	---	---	1,344.91	1,345.00	1,344.79	1,344.93	1,344.41	1,344.15	1,343.91
31	1,345.50	---	1,345.19	1,345.03	---	1,344.91	---	1,344.79	---	1,344.35	1,344.12	---
<b>Mean</b>	1,345.62	---	1,345.24	---	1,344.96	1,344.91	1,344.84	---	1,344.86	---	---	1,343.98
<b>Max</b>	1,345.78	---	1,345.31	---	1,345.02	1,344.97	1,345.00	---	1,345.33	---	---	1,344.09
<b>Min</b>	1,345.50	---	1,345.19	---	1,344.92	1,344.87	1,344.76	---	1,344.67	---	---	1,343.91

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