

Water-Data Report 2011

**374956097231601 Local number 07144200**

High Plains aquifer  
Undefined Aquifer

Sedgwick County, KS

LOCATION.--Lat 37°49'56", long 97°23'16" referenced to North American Datum of 1927, in SW ¼ SW ¼ NW ¼ sec.36, T.25 S., R.1 W., Sedgwick County, KS, Hydrologic Unit 11030012, on right bank at downstream side of county highway bridge, 0.5 mi west of Valley Center, and at mile 15.6 from mouth. Owner: U.S. Geological Survey.

#### **GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 50 ft. Drilled, unused water-table well.

DATUM.--Land-surface datum is 1,346.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 2.78 ft above land-surface datum, Oct. 28, 1993, to present.

PERIOD OF RECORD.--October 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level 1,334.68 ft above NGVD of 1929, June 13, 1995; minimum, 1,326.94 ft above NGVD of 1929, Sept. 12, 2011.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,328.92 ft, Nov. 15; minimum water level, 1,326.94 ft, Sept. 12.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY OBSERVATION AT 1200 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,328.75	1,328.32	1,328.32	1,328.19	1,328.20	1,328.32	1,328.04	1,327.91	1,327.98	1,327.64	1,327.19	1,327.02
2	1,328.70	1,328.30	1,328.30	1,328.20	1,328.26	1,328.31	1,328.03	1,327.90	1,327.92	1,327.62	1,327.16	1,327.00
3	1,328.65	1,328.30	1,328.30	1,328.19	1,328.25	1,328.27	1,328.03	1,327.91	1,327.88	1,327.61	1,327.14	1,326.99
4	1,328.62	1,328.29	1,328.28	1,328.18	1,328.26	1,328.25	1,328.02	---	1,327.84	1,327.62	1,327.17	1,326.99
5	1,328.58	1,328.28	1,328.27	1,328.18	1,328.26	1,328.21	1,328.01	1,327.89	1,327.84	1,327.61	1,327.17	1,326.97
6	1,328.55	1,328.28	1,328.26	1,328.18	1,328.28	1,328.20	1,328.00	1,327.89	1,327.82	1,327.61	1,327.17	1,326.99
7	1,328.53	1,328.27	1,328.26	1,328.18	1,328.27	1,328.19	1,328.01	1,327.86	1,327.80	1,327.59	1,327.16	1,327.00
8	1,328.51	1,328.28	1,328.26	1,328.18	1,328.22	1,328.19	1,328.00	1,327.86	1,327.77	1,327.59	1,327.17	1,327.00
9	1,328.48	1,328.28	1,328.26	1,328.18	---	1,328.17	1,327.98	1,327.85	1,327.76	1,327.58	1,327.15	1,326.99
10	1,328.47	1,328.27	1,328.25	1,328.18	---	1,328.16	1,327.98	1,327.85	1,327.87	1,327.56	1,327.18	1,326.98
11	1,328.48	1,328.26	1,328.25	1,328.27	1,328.31	1,328.15	1,327.97	1,327.86	1,327.80	1,327.55	1,327.17	1,326.97
12	1,328.45	1,328.29	1,328.30	---	1,328.30	1,328.13	1,327.97	1,327.85	1,327.82	1,327.54	1,327.59	1,326.96
13	1,328.44	1,328.37	1,328.25	1,328.25	1,328.29	1,328.13	1,327.96	1,327.85	1,327.78	1,327.54	1,327.62	1,326.97
14	1,328.44	1,328.66	1,328.23	1,328.26	1,328.22	1,328.12	1,327.97	1,327.84	1,327.77	1,327.53	1,327.57	1,326.98
15	1,328.44	1,328.92	---	1,328.24	1,328.22	1,328.12	1,327.97	1,327.82	1,327.75	1,327.51	1,327.45	1,327.00
16	1,328.43	1,328.87	---	1,328.21	1,328.21	1,328.11	1,327.96	1,327.82	1,327.78	1,327.48	1,327.37	1,327.00
17	1,328.42	1,328.74	1,328.23	1,328.20	1,328.27	1,328.10	1,327.98	1,327.83	1,327.83	1,327.46	1,327.29	1,327.01
18	1,328.39	1,328.63	1,328.24	1,328.18	1,328.35	1,328.09	1,327.99	1,327.84	1,327.83	1,327.45	1,327.25	1,327.03
19	1,328.39	1,328.57	1,328.24	1,328.31	1,328.48	1,328.09	1,327.98	1,327.87	1,327.80	1,327.43	1,327.22	1,327.02
20	1,328.38	1,328.53	1,328.24	1,328.33	1,328.47	1,328.07	1,327.97	1,327.89	1,327.87	1,327.41	1,327.21	1,327.05
21	1,328.36	1,328.55	1,328.23	1,328.23	1,328.41	1,328.07	1,327.96	1,327.90	1,328.08	1,327.39	1,327.18	1,327.16
22	---	1,328.53	1,328.20	1,328.19	1,328.35	1,328.07	---	1,327.90	1,327.97	1,327.38	1,327.15	1,327.23
23	---	---	1,328.22	1,328.18	1,328.31	1,328.06	1,327.95	1,327.88	1,327.88	1,327.36	1,327.15	1,327.19
24	---	1,328.47	1,328.21	1,328.18	1,328.30	1,328.05	1,327.93	1,327.87	1,327.82	1,327.33	1,327.12	1,327.15
25	---	1,328.43	1,328.21	1,328.16	1,328.28	1,328.05	1,327.94	1,327.95	1,327.78	1,327.32	1,327.11	1,327.14
26	1,328.35	1,328.39	1,328.21	1,328.16	1,328.25	1,328.05	1,327.94	1,327.95	1,327.74	1,327.30	1,327.09	1,327.11
27	1,328.34	1,328.37	1,328.20	1,328.16	1,328.25	1,328.06	1,327.95	1,327.91	1,327.71	1,327.27	1,327.08	1,327.11
28	1,328.33	1,328.37	1,328.20	1,328.16	1,328.31	1,328.05	1,327.94	1,327.91	1,327.70	1,327.26	1,327.06	1,327.10
29	1,328.31	1,328.36	1,328.22	1,328.15	---	1,328.05	1,327.93	1,328.07	1,327.68	1,327.22	1,327.05	1,327.09
30	1,328.31	1,328.33	1,328.21	1,328.15	---	1,328.05	1,327.92	1,328.00	1,327.66	1,327.21	1,327.07	1,327.08
31	1,328.33	---	1,328.20	1,328.15	---	1,328.05	---	1,327.97	---	1,327.20	1,327.03	---
<b>Mean</b>	---	---	---	---	---	1,328.13	---	---	1,327.82	1,327.46	1,327.21	1,327.04
<b>Max</b>	---	---	---	---	---	1,328.32	---	---	1,328.08	1,327.64	1,327.62	1,327.23
<b>Min</b>	---	---	---	---	---	1,328.05	---	---	1,327.66	1,327.20	1,327.03	1,326.96

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