

Water-Data Report 2012

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, 1.68 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, 1,342.87 ft above NGVD of 1929, Sept. 23, 2012.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,344.89 ft, Mar. 24; minimum water level, 1,342.87 ft, Sept. 23.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,343.30	1,343.32	1,343.43	1,343.94	1,343.64	1,344.44	1,344.39	1,344.32	1,344.30	1,343.93	1,343.30	1,342.97
2	1,343.29	1,343.31	1,343.45	1,343.92	1,343.65	1,344.45	1,344.36	1,344.31	1,344.35	1,343.90	1,343.27	1,342.96
3	1,343.29	1,343.31	1,343.47	1,343.92	1,343.82	1,344.39	1,344.30	1,344.29	1,344.30	1,343.88	1,343.24	1,342.95
4	1,343.29	1,343.32	1,343.48	1,343.90	1,344.51	1,344.30	1,344.32	1,344.33	1,344.26	1,343.86	1,343.22	1,342.94
5	1,343.32	1,343.34	1,343.49	1,343.88	1,344.50	1,344.23	1,344.66	1,344.32	1,344.22	1,343.84	1,343.21	1,342.94
6	1,343.31	1,343.32	1,343.48	1,343.86	1,344.49	1,344.20	1,344.75	1,344.28	1,344.17	1,343.81	1,343.20	1,343.01
7	1,343.30	1,343.33	1,343.49	1,343.84	1,344.44	1,344.15	1,344.70	1,344.26	1,344.13	1,343.79	1,343.18	1,342.98
8	1,343.30	1,343.36	1,343.54	1,343.82	1,344.39	1,344.09	1,344.68	1,344.30	1,344.07	1,343.78	1,343.17	1,342.95
9	1,343.32	1,343.37	1,343.52	1,343.82	1,344.34	1,344.08	1,344.60	1,344.30	1,344.05	1,343.75	1,343.16	1,342.95
10	1,343.34	1,343.39	1,343.52	1,343.81	1,344.26	1,344.06	1,344.53	1,344.26	1,344.03	1,343.74	1,343.15	1,342.95
11	1,343.36	1,343.54	1,343.51	1,343.79	1,344.19	1,344.06	1,344.47	1,344.22	1,343.98	1,343.72	1,343.13	1,342.94
12	1,343.36	1,343.66	1,343.49	1,343.76	1,344.15	1,344.03	1,344.45	1,344.21	1,343.98	1,343.69	1,343.12	1,342.92
13	1,343.34	1,343.66	1,343.49	1,343.76	1,344.15	1,344.01	1,344.43	1,344.20	1,343.95	1,343.68	1,343.11	1,342.92
14	1,343.33	1,343.62	1,343.50	1,343.75	1,344.12	1,344.00	1,344.42	1,344.19	1,343.93	1,343.66	1,343.09	1,342.92
15	1,343.32	1,343.60	1,343.53	1,343.76	1,344.09	1,343.99	1,344.41	1,344.19	1,344.02	---	1,343.09	1,342.92
16	1,343.31	1,343.55	1,343.52	1,343.75	1,344.06	1,343.98	1,344.46	1,344.16	1,344.21	1,343.62	1,343.08	1,342.92
17	1,343.32	1,343.54	1,343.53	1,343.73	1,344.04	1,343.97	1,344.46	1,344.16	1,344.30	1,343.61	1,343.07	1,342.91
18	1,343.31	1,343.54	1,343.54	1,343.73	1,344.03	1,343.96	1,344.62	1,344.16	1,344.31	1,343.57	1,343.06	1,342.91
19	1,343.31	1,343.50	1,343.53	1,343.72	1,344.02	1,343.95	1,344.62	1,344.15	1,344.28	1,343.54	1,343.04	1,342.91
20	1,343.31	1,343.48	1,343.97	1,343.71	1,344.02	1,344.02	1,344.52	1,344.11	1,344.23	1,343.51	1,343.03	1,342.89
21	1,343.31	1,343.47	1,344.37	1,343.70	1,343.99	1,344.06	1,344.48	1,344.12	1,344.26	1,343.51	1,343.05	1,342.89
22	1,343.31	1,343.45	1,344.39	1,343.72	1,343.99	1,344.21	1,344.42	1,344.11	1,344.38	1,343.49	1,343.02	1,342.89
23	1,343.31	1,343.44	1,344.36	1,343.69	1,343.97	1,344.69	1,344.39	1,344.12	1,344.29	1,343.47	1,343.01	1,342.89
24	1,343.32	1,343.44	1,344.33	1,343.68	1,343.94	1,344.89	1,344.37	1,344.08	1,344.22	1,343.45	1,343.00	1,342.90
25	1,343.33	1,343.44	1,344.26	1,343.68	1,343.95	1,344.85	1,344.35	1,344.07	1,344.16	1,343.43	1,343.00	1,342.89
26	1,343.31	1,343.43	1,344.24	1,343.68	1,343.93	1,344.76	1,344.31	1,344.04	1,344.12	1,343.40	1,343.04	1,342.91
27	1,343.32	1,343.45	1,344.18	1,343.67	1,343.92	1,344.67	1,344.32	1,344.04	1,344.07	1,343.39	1,343.10	1,342.91
28	1,343.31	1,343.46	1,344.12	1,343.66	1,343.94	1,344.59	1,344.28	1,344.01	1,344.03	1,343.36	1,343.05	1,342.93
29	1,343.32	1,343.44	1,344.08	1,343.66	1,343.91	1,344.52	1,344.28	1,344.00	1,344.00	1,343.34	1,343.01	1,342.92
30	1,343.31	1,343.45	1,344.02	1,343.67	---	1,344.46	1,344.31	1,343.98	1,343.97	1,343.32	1,343.00	1,343.02
31	1,343.32	---	1,344.00	1,343.64	---	1,344.42	---	1,344.06	---	1,343.30	1,342.98	---
Mean	1,343.32	1,343.45	1,343.77	1,343.76	1,344.08	1,344.27	1,344.45	1,344.17	1,344.15	---	1,343.10	1,342.93
Max	1,343.36	1,343.66	1,344.39	1,343.94	1,344.51	1,344.89	1,344.75	1,344.33	1,344.38	---	1,343.30	1,343.02
Min	1,343.29	1,343.31	1,343.43	1,343.64	1,343.64	1,343.95	1,344.28	1,343.98	1,343.93	---	1,342.98	1,342.89

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