

Water-Data Report 2013

380643097353001 Local number 07143665

High Plains aquifer
Undefined Aquifer

Harvey County, KS

LOCATION.--Lat 38°06'43", long 97°35'30" referenced to North American Datum of 1927, in NW ¼ SW ¼ NW ¼ sec.3, T.22 S., R.2 W., Harvey County, KS, Hydrologic Unit 11030012, Halstead quadrangle, at the downstream side of the county bridge, 0.4 mi south of Alta Mills, 0.8 mi downstream from Sand Creek, and at mile 50.1. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 40.1 ft. Upper casing diameter 2 in; top of first opening 30.1 ft, bottom of last opening 40.1 ft. Drilled unused water-table well.

DATUM.--Land-surface datum is 1,414.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: MP is top of 2-in PVC casing, 2.11 ft above land-surface datum, April 20, 2004, to present.

PERIOD OF RECORD.--February 1994 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, 1,415.93 ft above NGVD of 1929, June 11, 1995; minimum, 1,390.95 ft above NGVD of 1929, Oct. 9, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum water level, 1,413.52 ft, Aug. 7; minimum water level, 1,390.69 ft, Oct. 4.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,390.71	1,391.09	1,391.48	1,391.69	1,391.85	1,392.00	1,392.05	1,392.37	1,394.93	1,391.90	1,403.24	1,396.04
2	1,390.72	1,391.11	1,391.48	1,391.72	1,391.85	1,392.01	1,392.21	1,392.35	1,394.14	1,391.88	1,403.12	1,395.89
3	1,390.72	1,391.10	1,391.50	1,391.71	1,391.88	1,392.05	1,392.18	1,392.39	1,393.66	1,391.85	1,401.10	1,395.73
4	1,390.70	1,391.13	1,391.49	1,391.72	1,391.88	1,392.05	1,392.17	1,392.62	1,393.40	1,391.82	1,407.79	1,395.59
5	1,390.71	1,391.14	1,391.51	1,391.73	1,391.89	1,392.00	1,392.16	1,392.63	1,393.27	1,391.78	1,410.58	1,395.46
6	1,390.71	1,391.15	1,391.53	1,391.73	1,391.91	1,392.02	1,392.15	1,392.67	1,393.18	1,391.76	1,412.02	1,395.37
7	1,390.75	1,391.17	1,391.54	1,391.75	1,391.89	1,392.04	1,392.13	1,392.60	1,393.22	1,391.73	1,413.47	1,395.25
8	1,390.77	1,391.18	1,391.55	1,391.77	1,391.88	1,392.12	1,392.13	1,392.57	1,393.31	1,391.69	1,412.98	1,395.15
9	1,390.77	1,391.20	1,391.54	1,391.74	1,391.92	1,392.17	1,392.11	1,392.64	1,393.21	1,391.65	1,410.67	1,395.01
10	1,390.77	1,391.21	1,391.56	1,391.80	1,391.93	1,392.12	1,392.14	1,392.54	1,393.12	1,391.61	1,411.86	1,394.87
11	1,390.78	1,391.22	1,391.57	1,391.82	1,391.90	1,392.19	1,392.25	1,392.56	1,393.03	1,391.60	1,411.64	1,394.76
12	1,390.78	1,391.21	1,391.58	1,391.80	1,391.93	1,392.23	1,392.45	1,392.53	1,392.89	1,391.54	1,407.86	1,394.69
13	1,390.84	1,391.23	1,391.58	1,391.78	1,391.94	1,392.20	1,392.45	1,392.49	1,392.72	1,391.50	1,408.26	1,394.72
14	1,390.84	1,391.24	1,391.60	1,391.80	1,391.92	1,392.18	1,392.42	1,392.46	1,392.65	1,391.73	1,412.80	1,394.67
15	1,390.86	1,391.27	1,391.61	1,391.81	1,391.90	1,392.17	1,392.34	1,392.42	1,392.53	1,391.67	1,411.55	1,394.59
16	1,390.88	1,391.29	1,391.63	1,391.82	1,391.94	1,392.11	1,392.27	1,392.38	1,392.45	1,391.60	1,410.47	1,394.50
17	1,390.89	1,391.30	1,391.63	1,391.79	1,391.96	1,392.12	1,392.25	1,392.35	1,392.46	1,391.53	1,409.93	1,394.49
18	1,390.88	1,391.34	1,391.63	1,391.83	1,391.91	1,392.08	1,392.21	1,392.34	1,392.44	1,391.62	1,408.65	1,394.46
19	1,390.89	1,391.36	1,391.66	1,391.83	1,391.88	1,392.05	1,392.21	1,392.37	1,392.62	1,391.58	1,405.47	1,394.37
20	1,390.91	1,391.37	1,391.61	1,391.83	1,391.93	1,392.03	1,392.31	1,392.33	1,392.82	1,391.50	1,402.81	1,394.27
21	1,390.93	1,391.39	1,391.64	1,391.82	1,391.99	1,392.09	1,392.32	1,392.31	1,392.63	1,391.49	1,400.96	1,394.24
22	1,390.93	1,391.40	1,391.67	1,391.83	1,391.95	1,392.06	1,392.35	1,392.32	1,392.48	1,391.50	1,399.87	1,394.19
23	1,390.96	1,391.38	1,391.67	1,391.84	1,391.97	1,392.05	1,392.30	1,392.30	1,392.37	1,391.51	1,399.17	1,394.14
24	1,390.97	1,391.42	1,391.68	1,391.84	1,392.00	1,392.03	1,392.27	1,392.29	1,392.28	1,391.54	1,398.56	1,394.03
25	1,390.97	1,391.43	1,391.67	1,391.83	1,392.00	1,392.02	1,392.27	1,392.29	1,392.21	1,391.54	1,398.04	1,394.00
26	1,390.98	1,391.40	1,391.69	1,391.85	1,392.00	1,392.03	1,392.29	1,392.30	1,392.13	1,391.58	1,397.60	1,393.96
27	1,391.01	1,391.43	1,391.70	1,391.87	1,391.99	1,392.06	1,392.29	1,392.29	1,392.06	1,392.21	1,397.22	1,393.87
28	1,391.03	1,391.44	1,391.68	1,391.88	1,391.99	1,392.05	1,392.31	1,392.28	1,392.06	1,393.43	1,396.91	1,393.76
29	1,391.04	1,391.46	1,391.67	1,391.89	---	1,392.06	1,392.54	1,392.25	1,392.00	1,394.30	1,396.66	1,393.77
30	1,391.06	1,391.47	1,391.70	1,391.86	---	1,392.10	1,392.49	1,392.50	1,391.95	1,399.96	1,396.45	1,393.77
31	1,391.07	---	1,391.70	1,391.83	---	1,392.09	---	1,393.33	---	1,401.50	1,396.27	---
Mean	1,390.87	1,391.28	1,391.61	1,391.80	1,391.93	1,392.08	1,392.27	1,392.45	1,392.81	1,392.39	1,404.97	1,394.65
Max	1,391.07	1,391.47	1,391.70	1,391.89	1,392.00	1,392.23	1,392.54	1,393.33	1,394.93	1,401.50	1,413.47	1,396.04
Min	1,390.70	1,391.09	1,391.48	1,391.69	1,391.85	1,392.00	1,392.05	1,392.25	1,391.95	1,391.49	1,396.27	1,393.76

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