Water-Data Report 2010

422445077203301 Local number Sb-472, near Kanona NY

Sand and gravel aquifers (glaciated regions)
Outwash

Steuben County, NY

LOCATION.--Lat 42°24′45″, long 77°20′33″ referenced to North American Datum of 1927, Steuben County, NY, Hydrologic Unit 02050105, adjacent to south edge of dirt road, 20 ft south of driveway, and 300 ft east of farmhouse, near Kanona.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 17.4 ft. Upper casing diameter 2.5 in; top of first opening 16.3 ft, bottom of last opening 17.4 ft. Cased to 17.4 ft (screen, 16.3 ft to 17.4 ft). Elevation of land-surface datum is 1,209.78 ft above NGVD of 1929.

PERIOD OF RECORD.--November 1965 to current year. Records for November 1965 to September 1976 are unpublished and available in files of the Geological Survey. Weekly measurements by observer and periodic tape-downs by USGS personnel November 1965 to December 1997.

GAGE.--Water-stage recorder--15 minute; periodic measurements by USGS personnel.

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.55 ft below land-surface datum, Apr. 4, 2005; lowest water level measured, 10.84 ft below land-surface datum, Sept. 22, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level, 5.17 ft below land-surface datum, Mar. 24; lowest water level, 10.14 ft below land-surface datum, Oct. 1.

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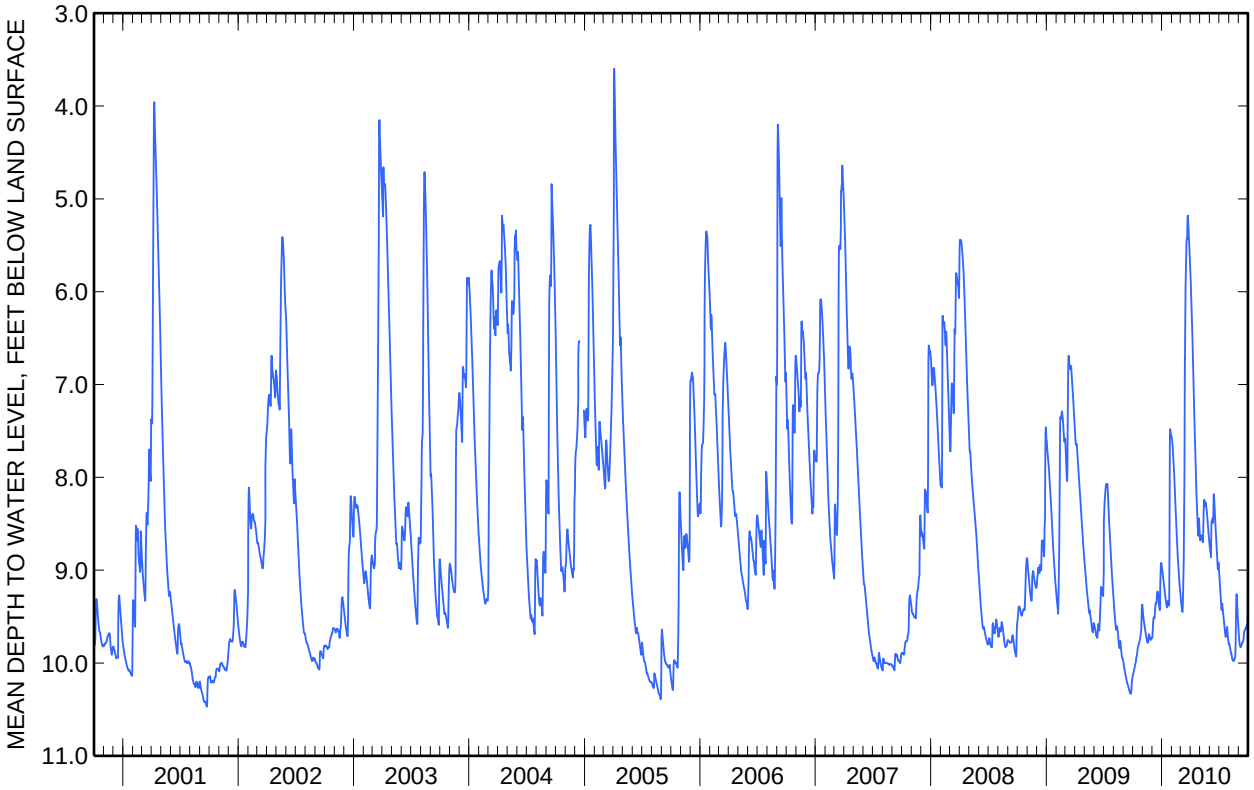
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.13	9.41	9.73	8.97	7.58	9.28	5.74	8.61	8.75	9.03	9.80	9.66
2	10.12	9.45	9.71	9.00	7.59	9.32	5.85	8.67	8.79	9.08	9.79	9.71
3	10.09	9.49	9.66	9.01	7.62	9.35	5.96	8.68	8.80	9.13	9.80	9.76
4	10.08	9.53	9.58	9.04	7.68	9.38	6.09	8.62	8.82	9.18	9.82	9.79
5	10.07	9.56	9.53	9.07	7.71	9.41	6.21	8.66	8.86	9.23	9.84	9.81
6	10.06	9.58	9.51	9.11	7.76	9.44	6.32	8.66	8.72	9.29	9.86	9.82
7	10.05	9.60	9.51	9.14	7.82	9.45	6.44	8.64	8.49	9.34	9.88	9.83
8	10.04	9.62	9.52	9.17	7.90	9.39	6.57	8.63	8.47	9.40	9.90	9.82
9	10.02	9.65	9.51	9.21	7.97	9.25	6.71	8.66	8.48	9.43	9.90	9.82
10	9.99	9.67	9.45	9.24	8.03	9.07	6.86	8.68	8.45	9.37	9.92	9.81
11	9.97	9.69	9.39	9.26	8.13	8.91	7.00	8.70	8.44	9.36	9.95	9.79
12	9.95	9.71	9.36	9.29	8.22	8.50	7.14	8.56	8.49	9.41	9.96	9.78
13	9.93	9.73	9.35	9.31	8.29	7.93	7.28	8.37	8.41	9.45	9.96	9.78
14	9.92	9.75	9.36	9.34	8.37	7.01	7.43	8.28	8.18	9.48	9.97	9.78
15	9.89	9.77	9.34	9.37	8.45	6.60	7.55	8.24	8.19	9.50	9.98	9.76
16	9.86	9.78	9.27	9.39	8.53	6.28	7.67	8.26	8.24	9.53	9.98	9.75
17	9.84	9.78	9.24	9.40	8.61	5.96	7.79	8.29	8.32	9.56	9.97	9.70
18	9.82	9.78	9.23	9.40	8.69	5.69	7.90	8.31	8.39	9.60	9.96	9.67
19	9.81	9.77	9.23	9.35	8.76	5.53	8.01	8.27	8.46	9.65	9.95	9.66
20	9.79	9.73	9.26	9.33	8.83	5.46	8.12	8.28	8.54	9.67	9.94	9.65
21	9.78	9.69	9.30	9.33	8.90	5.43	8.22	8.31	8.62	9.70	9.93	9.64
22	9.77	9.69	9.34	9.34	8.95	5.43	8.33	8.34	8.69	9.72	9.80	9.64
23	9.76	9.71	9.38	9.37	9.01	5.26	8.44	8.37	8.75	9.71	9.56	9.63
24	9.74	9.73	9.41	9.38	9.07	5.18	8.53	8.41	8.81	9.68	9.36	9.61
25	9.71	9.73	9.43	8.68	9.11	5.23	8.60	8.45	8.87	9.65	9.26	9.61
26	9.69	9.75	9.40	7.64	9.15	5.25	8.63	8.49	8.93	9.61	9.27	9.61
27	9.67	9.75	9.17	7.48	9.19	5.35	8.49	8.52	8.99	9.63	9.33	9.60
28	9.63	9.74	8.99	7.50	9.24	5.41	8.44	8.57	8.98	9.68	9.40	9.59
29	9.45	9.74	8.93	7.55	---	5.47	8.47	8.62	8.92	9.72	9.48	9.60
30	9.38	9.73	8.92	7.55	---	5.54	8.54	8.66	8.97	9.75	9.54	9.29
31	9.37	---	8.93	7.55	---	5.63	---	8.71	---	9.78	9.60	---
Mean	9.85	9.68	9.35	8.90	8.40	7.11	7.44	8.50	8.63	9.49	9.76	9.70
Max	10.13	9.78	9.73	9.40	9.24	9.45	8.63	8.71	8.99	9.78	9.98	9.83
Min	9.37	9.41	8.92	7.48	7.58	5.18	5.74	8.24	8.18	9.03	9.26	9.29

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