Water-Data Report 2009

425803077151201 Local number Ot-1133, near Manchester NY

Sand and gravel aquifers (glaciated regions)
Outwash

Ontario County, NY

LOCATION.--Lat 42°58′03″, long 77°15′12″ referenced to North American Datum of 1983, Ontario County, NY, Hydrologic Unit 04140201, at village of Manchester pumphouse, on State Street, 1.1 miles east of intersection with NYS Route 21, Manchester.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 20 ft. Cased to 10 ft (screen, 10 ft to 20 ft). Elevation of land-surface datum is 605 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--August 2002 to current year.

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, 1.52 ft below land-surface datum, April 3, 2005; lowest water level, 4.94 ft below land-surface datum, Sept. 25, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 1.99 ft below land surface datum, Feb. 12, 13; lowest water level, 3.40 ft below land surface datum, Oct. 12, 13, 14, 15.

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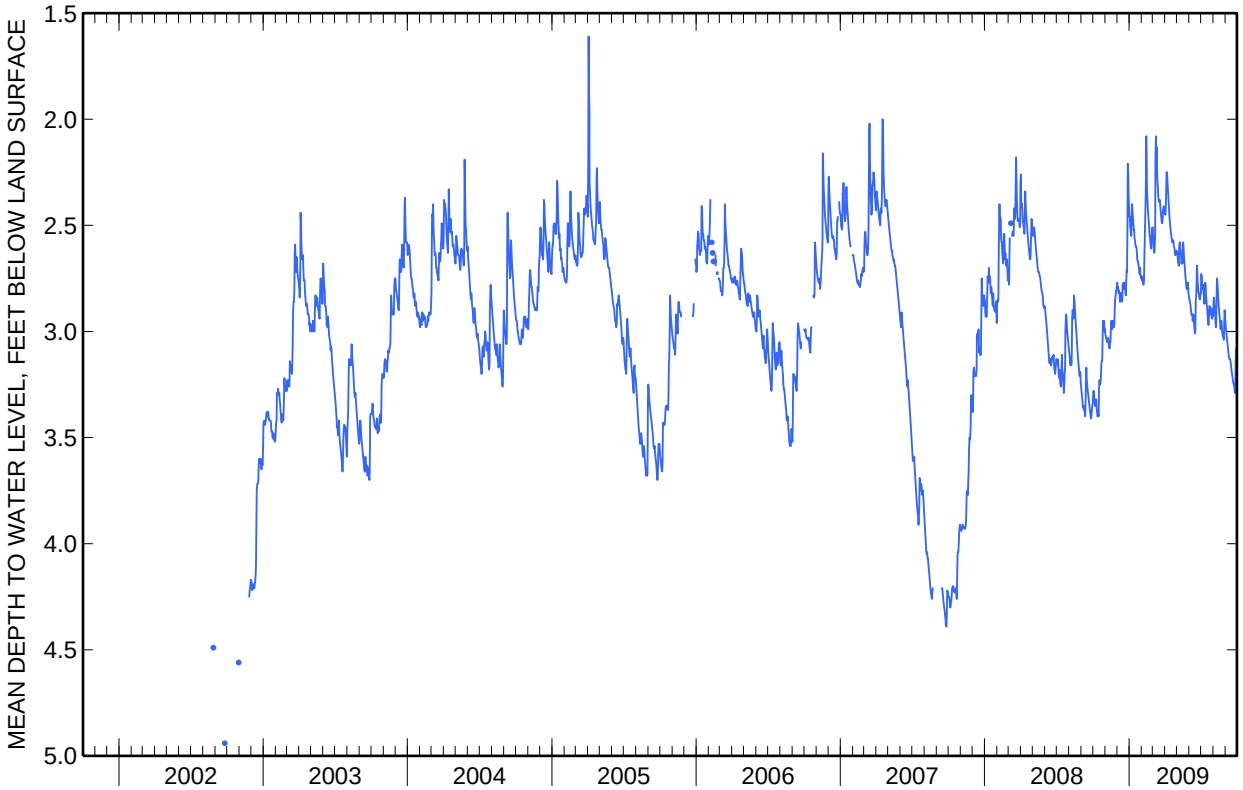
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.31	3.01	2.77	2.46	2.74	2.51	2.44	2.62	2.84	2.82	2.93	2.96
2	3.28	3.02	2.80	2.46	2.76	2.55	2.45	2.63	2.85	2.73	2.87	2.98
3	3.28	3.03	2.79	2.51	2.75	2.59	2.42	2.64	2.86	2.74	2.84	2.99
4	3.31	3.04	2.80	2.52	2.77	2.62	2.34	2.67	2.87	2.77	2.87	3.02
5	3.33	3.04	2.82	2.54	2.78	2.63	2.25	2.68	2.88	2.80	2.89	3.04
6	3.35	3.05	2.81	2.55	2.78	2.61	2.25	2.69	2.90	2.78	2.92	3.06
7	3.35	3.05	2.82	2.44	2.76	2.53	2.28	2.61	2.92	2.80	2.96	3.07
8	3.33	3.03	2.86	2.40	2.62	2.17	2.31	2.58	2.92	2.82	2.98	3.08
9	3.32	3.04	2.84	2.44	2.57	2.08	2.35	2.58	2.92	2.85	2.93	3.10
10	3.36	3.06	2.82	2.46	2.50	2.21	2.39	2.61	2.95	2.87	2.80	3.12
11	3.38	3.08	2.82	2.49	2.38	2.13	2.42	2.63	2.94	2.83	2.75	3.13
12	3.40	3.08	2.83	2.52	2.09	2.23	2.45	2.65	2.92	2.77	2.78	3.13
13	3.40	3.05	2.86	2.52	2.08	2.29	2.47	2.68	2.95	2.79	2.81	3.13
14	3.39	3.05	2.85	2.56	2.25	2.32	2.49	2.66	2.97	2.83	2.84	3.14
15	3.40	2.99	2.78	2.57	2.35	2.36	2.52	2.68	2.99	2.86	2.87	3.16
16	3.27	2.95	2.79	2.59	2.41	2.38	2.54	2.63	3.01	2.88	2.90	3.18
17	3.23	2.98	2.77	2.60	2.44	2.39	2.55	2.58	3.00	2.90	2.93	3.19
18	3.24	2.99	2.80	2.60	2.45	2.39	2.56	2.60	2.85	2.92	2.95	3.20
19	3.25	2.97	2.78	2.61	2.48	2.38	2.58	2.63	2.84	2.95	2.97	3.22
20	3.24	2.95	2.80	2.63	2.51	2.41	2.58	2.67	2.78	2.97	2.99	3.23
21	3.21	2.97	2.77	2.66	2.55	2.43	2.57	2.70	2.69	2.96	2.97	3.24
22	3.15	2.98	2.82	2.67	2.55	2.45	2.57	2.73	2.73	2.89	2.95	3.25
23	3.14	2.98	2.83	2.67	2.58	2.47	2.59	2.74	2.77	2.88	2.98	3.25
24	3.14	2.96	2.77	2.69	2.60	2.49	2.60	2.76	2.80	2.89	3.00	3.27
25	3.05	2.88	2.71	2.70	2.61	2.49	2.61	2.79	2.82	2.92	3.02	3.29
26	2.95	2.85	2.72	2.72	2.59	2.47	2.63	2.80	2.82	2.92	3.02	3.28
27	2.97	2.83	2.49	2.73	2.52	2.43	2.64	2.80	2.84	2.89	3.03	3.14
28	2.95	2.81	2.21	2.70	2.51	2.42	2.64	2.80	2.85	2.93	3.04	3.10
29	2.95	2.81	2.26	2.74	---	2.41	2.62	2.77	2.84	2.94	2.96	3.08
30	3.00	2.79	2.36	2.74	---	2.42	2.62	2.80	2.83	2.92	2.90	3.12
31	2.99	---	2.41	2.75	---	2.44	---	2.82	---	2.90	2.93	---
Mean	3.22	2.98	2.73	2.59	2.54	2.41	2.49	2.68	2.87	2.86	2.92	3.14
Max	3.40	3.08	2.86	2.75	2.78	2.63	2.64	2.82	3.01	2.97	3.04	3.29
Min	2.95	2.79	2.21	2.40	2.08	2.08	2.25	2.58	2.69	2.73	2.75	2.96

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