Water-Data Report 2010

424452076081902 Local number C-998, near Preble NY

Sand and gravel aquifers (glaciated regions)
Outwash

Cortland County, NY

LOCATION.--Lat 42°44′52″, long 76°08′19″ referenced to North American Datum of 1983, Cortland County, NY, Hydrologic Unit 02050102, at end of Currie Road, near Preble, N.Y.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 2 in; top of first opening 15 ft, bottom of last opening 25 ft. Cased to 25 ft (screen, 15 ft to 25 ft). Elevation of land-surface datum is 1,184.20 ft above NGVD of 1929.

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

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

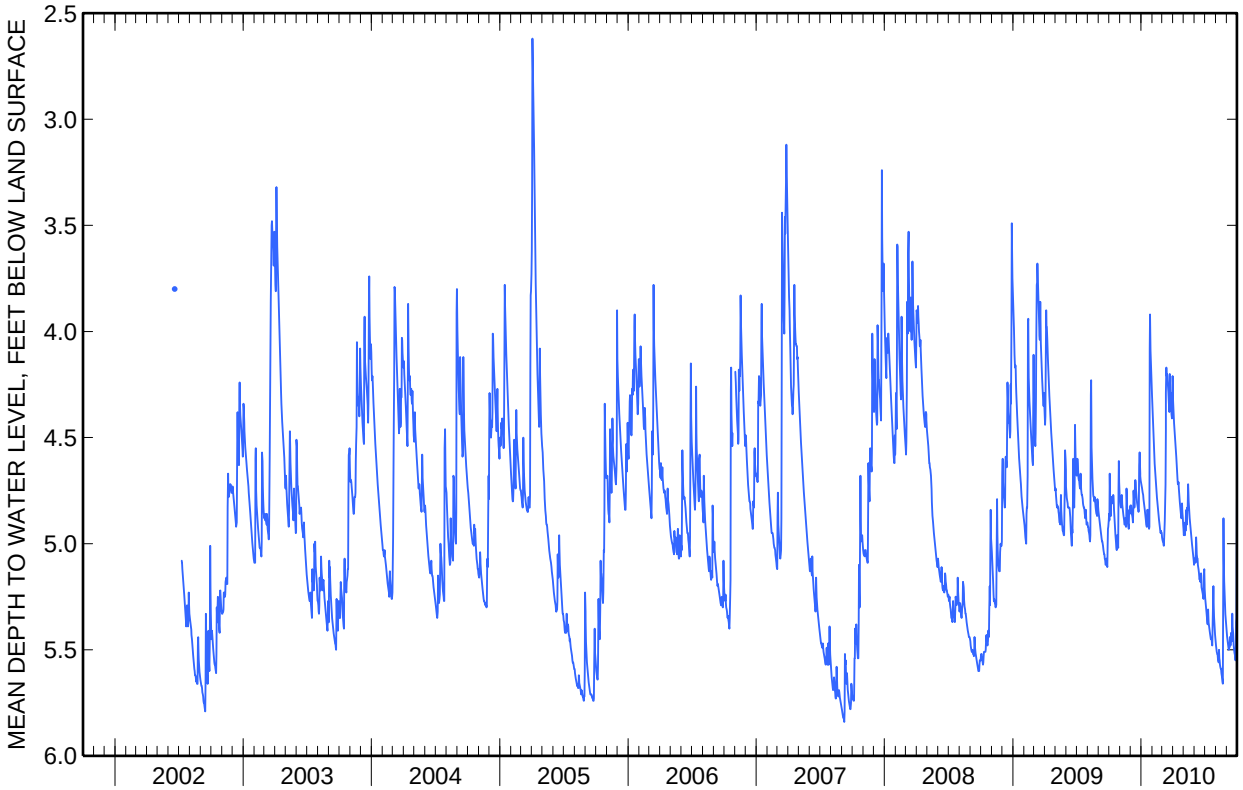
REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.57 ft below land-surface datum, Apr. 3, 2005; lowest water level measured, 5.84 ft below land-surface datum, Sept. 7, 8, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.56 ft below land-surface datum, Sept. 30; lowest water level, 5.66 ft below land-surface datum, Aug. 21, 22.

424452076081902 Local number C-998, near Preble NY—Continued

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	4.86	4.79	4.82	4.72	4.34	4.97	4.27	4.93	5.07	5.23	5.47	5.42
2	4.89	4.80	4.83	4.73	4.38	4.98	4.34	4.96	5.08	5.26	5.49	5.43
3	4.67	4.82	4.82	4.74	4.42	4.99	4.39	4.95	5.07	5.28	5.50	5.44
4	4.76	4.83	4.84	4.75	4.47	4.99	4.44	4.95	5.09	5.30	5.51	5.46
5	4.83	4.82	4.86	4.76	4.50	5.00	4.47	4.96	5.04	5.32	5.52	5.47
6	4.87	4.77	4.87	4.77	4.54	5.01	4.48	4.90	4.97	5.33	5.52	5.49
7	4.78	4.79	4.88	4.79	4.58	4.98	4.50	4.94	5.00	5.35	5.54	5.50
8	4.78	4.82	4.90	4.80	4.62	4.91	4.52	4.87	5.05	5.37	5.55	5.49
9	4.80	4.84	4.85	4.82	4.64	4.87	4.55	4.84	5.07	5.38	5.56	5.49
10	4.80	4.85	4.75	4.83	4.67	4.83	4.58	4.87	5.07	5.31	5.50	5.44
11	4.81	4.87	4.80	4.84	4.70	4.69	4.61	4.91	5.10	5.35	5.54	5.46
12	4.79	4.88	4.83	4.86	4.73	4.29	4.64	4.83	5.11	5.38	5.55	5.48
13	4.77	4.89	4.81	4.88	4.75	4.17	4.67	4.84	5.12	5.39	5.57	5.45
14	4.78	4.91	4.71	4.89	4.77	4.21	4.70	4.72	5.14	5.40	5.58	5.42
15	4.84	4.91	4.70	4.91	4.80	4.20	4.72	4.76	5.16	5.42	5.59	5.46
16	4.87	4.88	4.71	4.92	4.82	4.21	4.72	4.81	5.17	5.43	5.59	5.43
17	4.90	4.90	4.75	4.92	4.84	4.23	4.71	4.84	5.16	5.44	5.61	5.33
18	4.93	4.92	4.78	4.84	4.86	4.26	4.74	4.87	5.18	5.45	5.62	5.39
19	4.95	4.92	4.79	4.84	4.87	4.29	4.77	4.88	5.17	5.45	5.63	5.42
20	4.97	4.74	4.81	4.87	4.88	4.33	4.79	4.91	5.14	5.45	5.65	5.45
21	5.00	4.81	4.82	4.90	4.90	4.36	4.81	4.93	5.19	5.47	5.66	5.48
22	5.02	4.85	4.83	4.92	4.92	4.38	4.83	4.94	5.21	5.48	5.27	5.50
23	5.03	4.88	4.84	4.93	4.93	4.20	4.86	4.96	5.22	5.39	4.88	5.51
24	4.96	4.90	4.85	4.92	4.94	4.26	4.87	4.98	5.23	5.31	5.07	5.52
25	4.97	4.91	4.84	4.08	4.95	4.31	4.88	5.00	5.24	5.20	5.18	5.53
26	5.00	4.93	4.63	3.92	4.94	4.29	4.84	5.01	5.25	5.29	5.24	5.55
27	5.02	4.86	4.57	4.09	4.95	4.35	4.81	5.03	5.26	5.34	5.29	5.52
28	4.74	4.84	4.62	4.15	4.95	4.39	4.85	5.05	5.15	5.38	5.32	5.37
29	4.61	4.86	4.67	4.21	---	4.41	4.88	5.07	5.12	5.40	5.35	5.35
30	4.71	4.83	4.70	4.25	---	4.39	4.91	5.08	5.19	5.43	5.38	4.79
31	4.77	---	4.71	4.29	---	4.21	---	5.10	---	5.45	5.40	---
Mean	4.85	4.85	4.78	4.68	4.74	4.51	4.67	4.93	5.13	5.37	5.46	5.43
Max	5.03	4.93	4.90	4.93	4.95	5.01	4.91	5.10	5.26	5.48	5.66	5.55
Min	4.61	4.74	4.57	3.92	4.34	4.17	4.27	4.72	4.97	5.20	4.88	4.79

424452076081902 Local number C-998, near Preble NY—Continued