Water-Data Report 2011

445052073350201 Local number Cl-145, SUNY, near Plattsburgh NY

New York sandstone aquifers
Potsdam Sandstone

Clinton County, NY

LOCATION.--Lat 44°50'52.8", long 73°35'02.4" referenced to North American Datum of 1983, Clinton County, NY, Hydrologic Unit 02010006, at Altona.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 78 ft. Upper casing diameter 6.0 in; top of first opening 34 ft, bottom of last opening 73 ft. Cased to 5 ft, open hole. Elevation of land-surface datum is 690 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--October 1992 to current year. Records prior to October 2000 are unpublished and available in files of the Geological Survey.

GAGE.--Water-stage recorder--hourly. Prior to Mar. 30, 2002, weekly measurements by observer, and more frequent during independent research studies.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 20.13 ft below land-surface datum, Nov. 9, 1996; lowest water level, 24.47 ft below land-surface datum, Aug. 26, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level, 20.45 ft below land-surface datum, Aug. 29; lowest water level, 23.78 ft below land-surface datum, Aug. 21.

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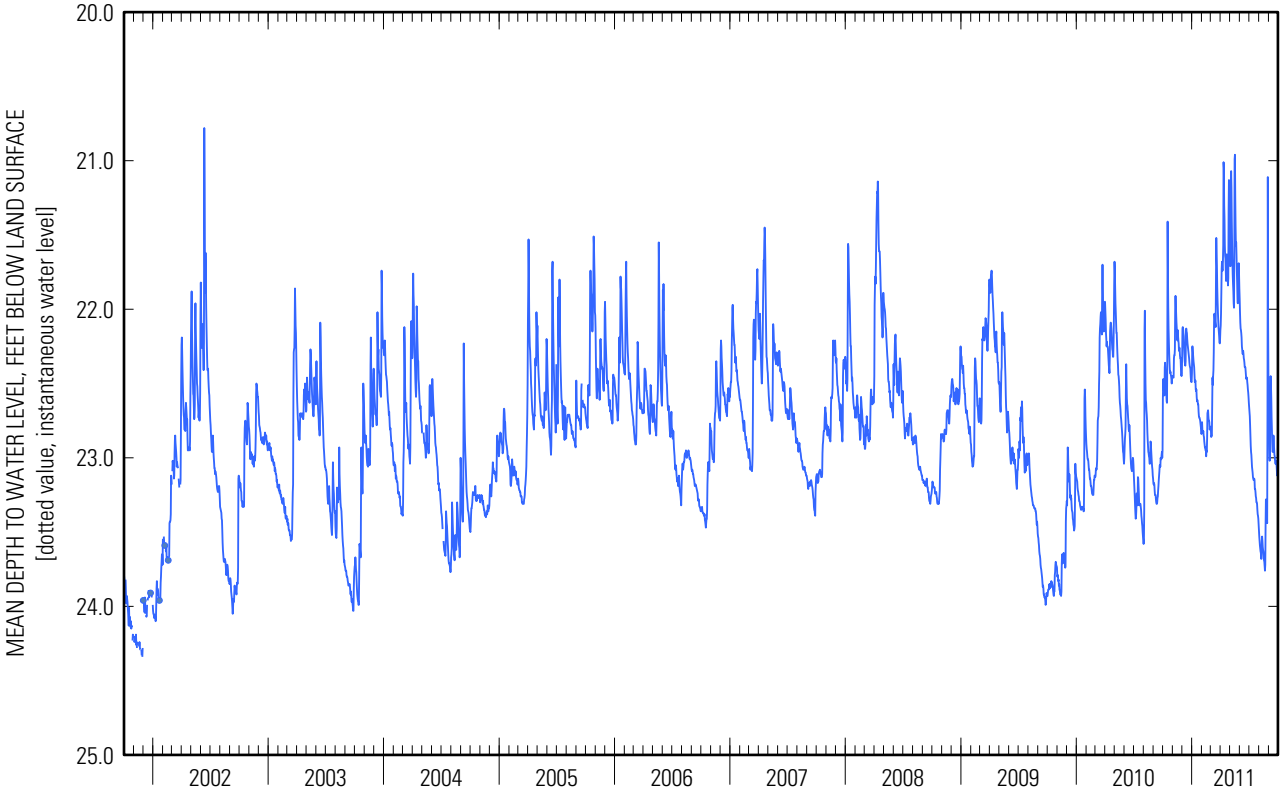
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22.60	22.45	22.32	22.43	22.83	22.81	22.14	21.60	21.93	22.66	23.49	22.68
2	22.47	22.46	22.13	22.25	22.76	22.81	22.11	21.71	22.02	22.69	23.53	22.83
3	22.52	22.46	22.12	22.25	22.81	22.86	22.03	21.71	22.09	22.72	23.56	22.94
4	22.54	22.46	22.13	22.29	22.83	22.85	21.89	21.22	22.13	22.78	23.59	23.02
5	22.58	22.33	22.16	22.32	22.83	22.85	21.73	21.07	22.14	22.85	23.61	22.86
6	22.58	22.31	22.18	22.35	22.82	22.66	21.68	21.18	22.16	22.92	23.63	22.52
7	22.39	22.31	22.24	22.37	22.85	22.46	21.73	21.40	22.19	22.96	23.64	22.45
8	22.36	22.27	22.30	22.39	22.86	22.51	21.74	21.56	22.25	22.98	23.68	22.51
9	22.42	21.99	22.35	22.44	22.89	22.45	21.68	21.67	22.27	23.02	23.68	22.60
10	22.45	21.91	22.37	22.49	22.91	22.41	21.57	21.77	22.30	23.06	23.56	22.73
11	22.52	21.97	22.38	22.49	22.93	22.29	21.01	21.83	22.30	23.08	23.53	22.81
12	22.57	22.03	22.35	22.48	22.93	22.08	21.05	21.88	22.28	23.10	23.56	22.90
13	22.62	22.09	22.15	22.54	22.95	22.03	21.30	21.96	22.30	23.13	23.60	22.96
14	22.63	22.13	22.13	22.55	22.95	22.05	21.39	21.99	22.33	23.14	23.62	22.96
15	22.33	22.19	22.15	22.54	22.99	22.08	21.57	21.66	22.34	23.15	23.63	22.91
16	21.41	22.21	22.16	22.59	22.95	22.10	21.64	20.99	22.36	23.15	23.66	22.85
17	21.73	22.14	22.20	22.62	22.96	22.12	21.66	20.96	22.39	23.14	23.69	22.90
18	21.98	22.18	22.23	22.61	22.87	21.80	21.74	21.24	22.39	23.15	23.70	22.94
19	22.13	22.21	22.25	22.62	22.70	21.52	21.81	21.44	22.39	23.21	23.73	22.98
20	22.22	22.23	22.27	22.64	22.69	21.63	21.71	21.57	22.42	23.21	23.76	22.99
21	22.30	22.28	22.29	22.64	22.68	21.71	21.63	21.55	22.45	23.23	23.72	23.02
22	22.36	22.26	22.31	22.69	22.72	21.85	21.68	21.64	22.47	23.26	23.45	23.04
23	22.41	22.26	22.33	22.72	22.75	21.94	21.70	21.74	22.46	23.27	23.28	23.04
24	22.43	22.31	22.36	22.73	22.75	22.01	21.78	21.82	22.46	23.30	23.30	23.02
25	22.42	22.33	22.38	22.73	22.76	22.07	21.84	21.92	22.49	23.30	23.34	23.03
26	22.44	22.33	22.39	22.74	22.81	22.12	21.79	21.96	22.51	23.31	23.41	23.06
27	22.45	22.39	22.40	22.75	22.80	22.15	21.33	21.88	22.54	23.35	23.44	23.10
28	22.47	22.44	22.45	22.77	22.79	22.18	21.13	21.71	22.56	23.38	22.69	23.12
29	22.50	22.45	22.48	22.79	---	22.22	21.21	21.69	22.59	23.39	21.11	23.09
30	22.47	22.43	22.49	22.81	---	22.23	21.45	21.76	22.63	23.41	22.08	22.88
31	22.45	---	22.49	22.84	---	22.20	---	21.86	---	23.45	22.46	---
Mean	22.38	22.26	22.29	22.56	22.83	22.23	21.62	21.61	22.34	23.12	23.38	22.89
Max	22.63	22.46	22.49	22.84	22.99	22.86	22.14	21.99	22.63	23.45	23.76	23.12
Min	21.41	21.91	22.12	22.25	22.68	21.52	21.01	20.96	21.93	22.66	21.11	22.45

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