Water-Data Report 2011

435253073440701 Local number Ex-150, at Severance NY

Sand and gravel aquifers (glaciated regions)
Lake Deposits

Essex County, NY

LOCATION.--Lat 43°52′53″, long 73°44′07″ referenced to North American Datum of 1927, Essex County, NY, Hydrologic Unit 02020001, at Severance.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 26.6 ft. Upper casing diameter 2.0 in; top of first opening 16.9 ft, bottom of last opening 26.9 ft. Cased to 16.9 ft (screen, 16.9 ft to 26.9 ft). Elevation of land-surface datum is 860 ft above NGVD of 1929, from topographic map.

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

GAGE.--Water-stage recorder--hourly.

REMARKS.--Recorded water levels were below transducer August 3 to October 21, 2007, record not used. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.37 ft below land-surface datum, Apr. 3, 2005; lowest water level measured, 25.96 ft below land-surface datum, Oct. 3, 2007, and may have been lower when water levels were below transducer (see REMARKS).

EXTREMES FOR CURRENT YEAR.--Highest water level, 13.03 ft below land-surface datum, Apr. 12, May 1; lowest water level, 24.27 ft below land-surface datum, Oct. 1.

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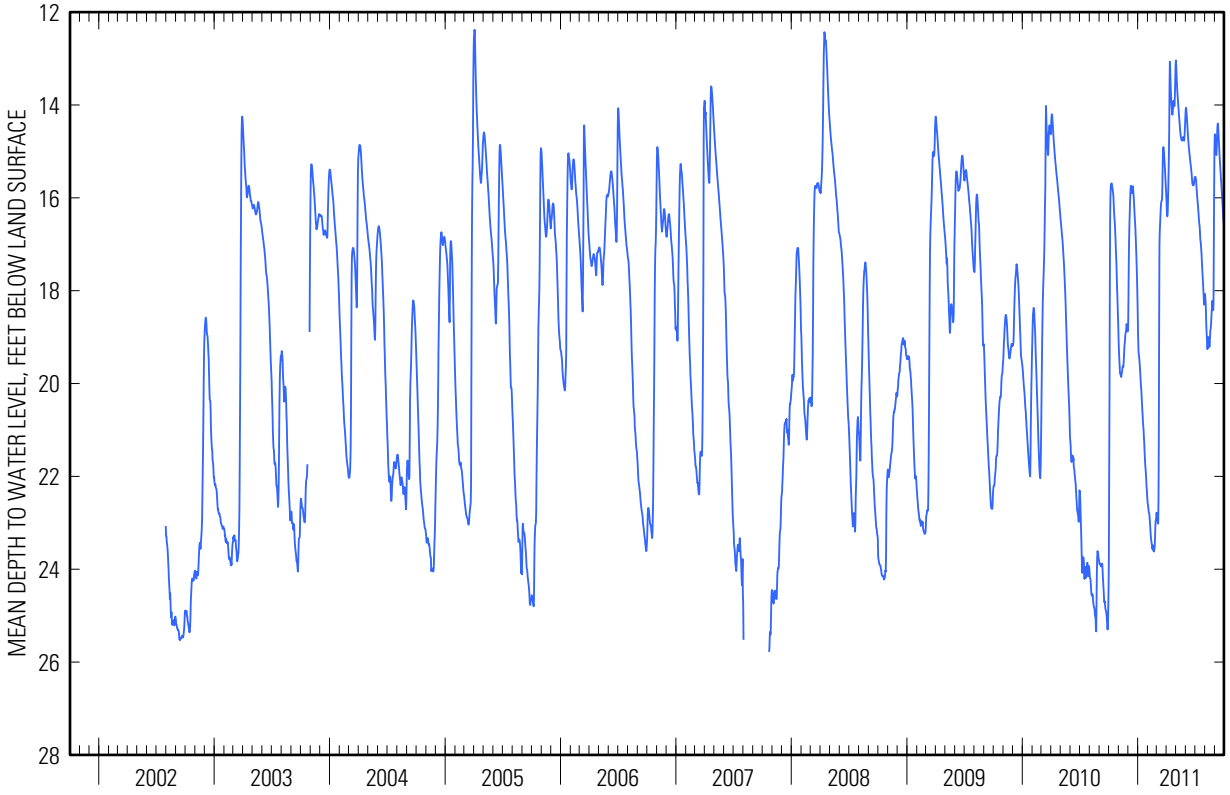
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23.73	19.13	18.76	18.80	22.59	22.78	15.99	13.04	14.12	15.55	18.07	14.65
2	21.87	19.33	18.15	19.13	22.63	22.86	16.20	13.13	14.06	15.55	18.14	14.63
3	20.28	19.48	17.38	19.34	22.70	22.91	16.37	13.31	14.10	15.58	18.24	14.72
4	17.97	19.61	16.91	19.38	22.76	22.95	16.40	13.49	14.18	15.63	18.43	14.87
5	16.45	19.75	16.57	19.45	22.79	23.01	16.34	13.63	14.29	15.75	18.70	15.02
6	15.97	19.80	16.34	19.53	22.82	23.02	16.11	13.75	14.40	15.84	18.88	15.08
7	15.76	19.81	16.10	19.63	22.90	22.51	15.78	13.85	14.51	15.94	19.00	14.97
8	15.70	19.81	15.90	19.73	22.99	21.27	15.44	13.95	14.63	16.02	19.15	14.75
9	15.69	19.86	15.77	19.87	23.10	18.86	15.05	14.05	14.73	16.10	19.26	14.53
10	15.69	19.81	15.74	20.00	23.23	17.04	14.47	14.14	14.83	16.18	19.18	14.42
11	15.73	19.77	15.79	20.09	23.31	16.73	13.53	14.23	14.91	16.28	19.01	14.40
12	15.77	19.73	15.84	20.18	23.38	16.57	13.07	14.32	14.98	16.37	19.00	14.49
13	15.83	19.65	15.90	20.33	23.43	16.41	13.23	14.41	15.05	16.47	19.07	14.63
14	15.88	19.63	15.85	20.46	23.47	16.25	13.48	14.50	15.11	16.56	19.15	14.78
15	15.94	19.65	15.77	20.59	23.56	16.14	13.69	14.58	15.18	16.60	19.21	14.92
16	16.07	19.63	15.75	20.70	23.48	16.08	13.84	14.65	15.24	16.71	19.19	15.06
17	16.25	19.51	15.83	20.86	23.52	16.06	13.98	14.70	15.30	16.86	19.00	15.17
18	16.36	19.39	15.92	20.93	23.58	16.05	14.08	14.73	15.36	16.94	18.86	15.29
19	16.47	19.22	16.03	21.03	23.58	15.87	14.18	14.75	15.43	16.98	18.82	15.41
20	16.57	19.14	16.17	21.18	23.62	15.42	14.21	14.77	15.50	17.09	18.75	15.52
21	16.72	19.08	16.30	21.29	23.60	15.03	14.16	14.76	15.59	17.19	18.63	15.63
22	16.89	18.96	16.44	21.47	23.56	14.91	14.06	14.75	15.68	17.33	18.48	15.73
23	17.09	18.91	16.55	21.61	23.50	14.91	13.92	14.71	15.71	17.47	18.35	15.84
24	17.27	18.89	16.68	21.75	23.33	14.99	13.91	14.69	15.73	17.61	18.22	15.96
25	17.43	18.82	16.86	21.83	23.09	15.10	13.96	14.72	15.73	17.73	18.23	16.06
26	17.69	18.72	17.06	21.93	22.96	15.21	14.03	14.75	15.73	17.86	18.34	16.18
27	17.96	18.75	17.25	22.04	22.93	15.33	13.98	14.77	15.70	17.99	18.42	16.29
28	18.14	18.85	17.48	22.19	22.87	15.46	13.75	14.71	15.64	18.12	18.31	16.42
29	18.39	18.88	17.73	22.29	---	15.60	13.46	14.59	15.60	18.30	17.13	16.51
30	18.59	18.87	18.03	22.41	---	15.74	13.15	14.44	15.55	18.22	15.92	16.58
31	18.85	---	18.37	22.52	---	15.87	---	14.26	---	18.08	14.98	---
Mean	17.26	19.35	16.62	20.73	23.19	17.64	14.46	14.29	15.09	16.80	18.46	15.28
Max	23.73	19.86	18.76	22.52	23.62	23.02	16.40	14.77	15.73	18.30	19.26	16.58
Min	15.69	18.72	15.74	18.80	22.59	14.91	13.07	13.04	14.06	15.55	14.98	14.40

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