Water-Data Report 2013

424347076530201 Local number Se-532, near Romulus, NY

Sand and gravel aquifers (glaciated regions)
Till

Seneca County, NY

LOCATION.--Lat 42°43′47″, long 76°53′02″ referenced to North American Datum of 1983, Seneca County, NY, Hydrologic Unit 04140201, 0.3 mi east of intersection of State Highway 96A and Smith Vineyard road, near Romulus , NY.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 3.50 ft. Upper casing diameter 2 in; top of first opening 3 ft, bottom of last opening 3.5 ft. Cased to 3.5 ft (screen, 3.0 ft to 3.5 ft). Well has filled in from original unknown depth to 3.5 ft as indicated by water level measurement of 3.65 ft, August 2001. Elevation of land-surface datum is 625 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--March 1995 to current year. Records for March 1995 to March 2004 are unpublished and available in files of the Geological Survey.

REVISED RECORDS.--WDR NY-09-3: 2005, 2007, 2008: Water level. WDR NY-2009-3: Well characteristics.

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

REMARKS.--Recorded water levels were below transducer on many days: 2005, 2007, 2008, 2009, 2011, 2012, 2013; record not used. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.06 ft above land-surface datum, Mar. 14, 2007 and Jan. 25, 2010; lowest water level measured, 3.21 ft below land-surface datum, Aug. 25, 2005, but may have been lower when water levels were below transducer (see REMARKS).

EXTREMES FOR CURRENT YEAR.--Highest water level, 0.04 ft below land surface datum, Aug. 28; lowest water level recorded, 2.85 ft below land surface datum, Oct. 7, but may have been lower during periods when water level was below transducer, Oct. 1 - 7, Oct. 10 - 19, and Oct. 21 - 23 (see REMARKS).

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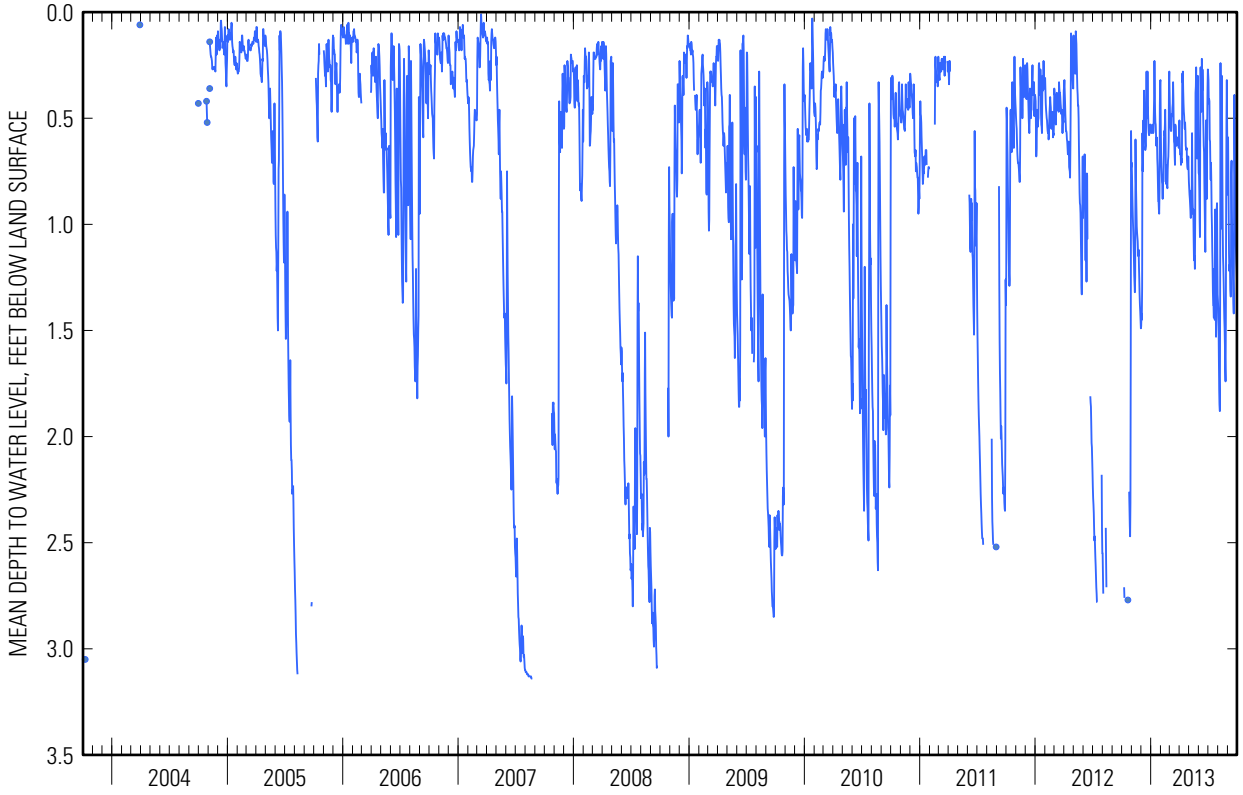
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	0.71	1.48	0.54	0.53	0.38	0.51	0.80	0.76	0.29	1.36	0.86
2	---	0.77	1.42	0.56	0.66	0.47	0.61	0.83	0.76	0.32	1.40	0.59
3	---	0.86	1.45	0.57	0.72	0.51	0.67	0.86	0.84	0.43	1.48	0.76
4	---	0.93	1.30	0.55	0.76	0.54	0.67	0.88	0.98	0.41	1.65	0.96
5	---	0.99	0.57	0.56	0.80	0.56	0.67	0.91	1.06	0.42	1.78	1.14
6	---	1.04	0.75	0.54	0.81	0.56	0.72	0.94	0.50	0.60	1.85	1.22
7	---	1.10	0.68	0.53	0.88	0.50	0.69	0.97	0.26	0.61	1.88	1.19
8	2.71	1.16	0.51	0.57	0.77	0.48	0.71	0.89	0.35	0.73	1.30	1.20
9	2.76	1.24	0.60	0.56	0.80	0.49	0.67	0.84	0.47	0.79	0.24	1.31
10	---	1.28	0.37	0.48	0.78	0.45	0.29	0.86	0.42	0.71	0.52	1.34
11	---	1.32	0.44	0.40	0.60	0.43	0.33	0.57	0.22	0.80	0.84	1.34
12	---	1.25	0.55	0.23	0.56	0.33	0.28	0.77	0.37	0.94	1.02	0.76
13	---	0.60	0.59	0.35	0.58	0.41	0.37	0.90	0.27	1.01	0.30	0.70
14	---	0.78	0.65	0.47	0.53	0.54	0.43	0.95	0.32	1.12	0.49	0.93
15	---	0.85	0.64	0.52	0.46	0.61	0.47	0.93	0.48	1.20	0.77	1.07
16	---	0.93	0.63	0.53	0.56	0.62	0.49	1.06	0.55	1.32	1.00	1.11
17	---	1.01	0.44	0.58	0.71	0.68	0.53	1.16	0.63	1.38	1.15	1.18
18	---	1.04	0.28	0.63	0.81	0.72	0.55	1.17	0.66	1.38	1.20	1.27
19	---	1.06	0.44	0.59	0.72	0.53	0.52	1.15	0.81	1.44	1.27	1.37
20	2.77	1.08	0.50	0.60	0.72	0.54	0.56	1.21	0.92	1.21	1.36	1.42
21	---	1.13	0.28	0.69	0.82	0.60	0.63	0.96	1.03	1.36	1.44	0.93
22	---	1.15	0.44	0.73	0.83	0.62	0.64	0.38	1.13	1.45	1.49	0.39
23	---	1.12	0.49	0.81	0.74	0.63	0.65	0.35	0.78	0.93	1.57	0.66
24	2.26	1.20	0.54	0.89	0.70	0.62	0.64	0.26	0.51	1.19	1.68	0.82
25	2.34	1.26	0.57	0.89	0.68	0.59	0.70	0.42	0.69	1.41	1.74	0.95
26	2.42	1.33	0.58	0.93	0.61	0.60	0.73	0.57	0.82	1.53	1.44	1.05
27	2.47	1.38	0.57	0.95	0.33	0.61	0.74	0.69	0.88	1.44	0.86	1.13
28	2.31	1.41	0.57	0.84	0.28	0.61	0.74	0.59	0.53	0.93	0.49	1.18
29	1.60	1.45	0.53	0.44	---	0.62	0.68	0.30	0.36	0.90	0.32	1.21
30	0.56	1.49	0.55	0.33	---	0.64	0.74	0.45	0.27	1.14	0.53	1.26
31	0.73	---	0.53	0.32	---	0.58	---	0.62	---	1.33	0.70	---
Mean	---	1.10	0.64	0.59	0.67	0.55	0.59	0.78	0.62	0.99	1.13	1.04
Max	---	1.49	1.48	0.95	0.88	0.72	0.74	1.21	1.13	1.53	1.88	1.42
Min	---	0.60	0.28	0.23	0.28	0.33	0.28	0.26	0.22	0.29	0.24	0.39

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