Water-Data Report 2013

431045078160401 Local number OI-20, near Barre NY

Sand and gravel aquifers (glaciated regions)
Ice-Contact Deposits

Orleans County, NY

LOCATION.--Lat 43°10'45.0", long 78°16'04.9" referenced to North American Datum of 1983, Orleans County, NY, Hydrologic Unit 04130001, in dirt driveway south of landowners house on Pine Hill Road, west of Barre.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 48.9 ft. Upper casing diameter 2 in; top of first opening 39.1 ft, bottom of last opening 48.9 ft. Cased to 48.9 ft (screen, 39.1 ft to 48.9 ft). Elevation of land-surface datum is 695 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--January 2004 to current year.

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

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

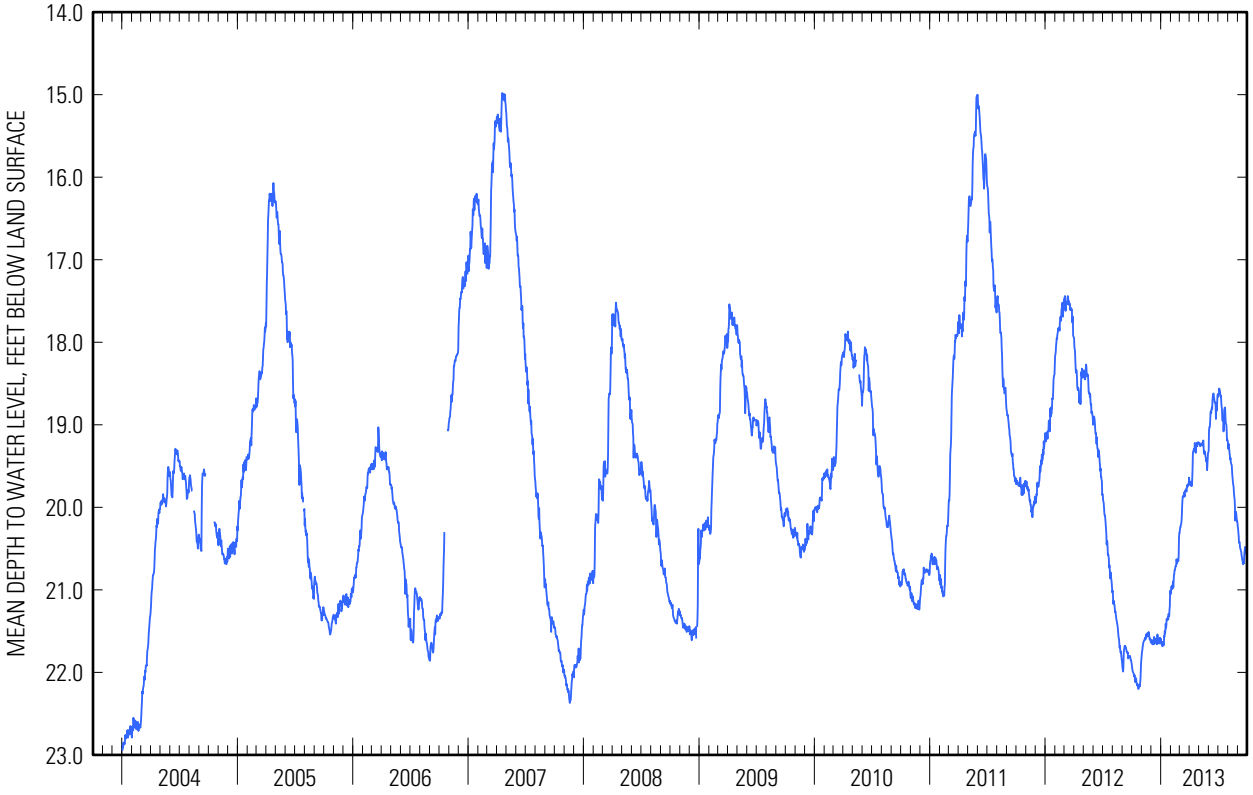
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 14.93 ft, below land-surface datum, Apr. 23, 2007; lowest water level, 23.21 ft below land-surface datum, Jan. 2, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level, 18.52 ft below land surface datum, July 4; lowest water level, 22.22 ft below land surface datum, Oct. 22.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 431045078160401, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/431045078160401.2013.pdf

431045078160401 Local number OI-20, near Barre NY—Continued

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	21.92	21.79	21.63	21.63	21.05	20.31	19.69	19.23	19.32	18.66	19.22	20.23
2	21.95	21.75	21.61	21.64	21.00	20.27	19.71	19.23	19.08	18.63	19.29	20.26
3	21.98	21.73	21.64	21.63	20.96	20.24	19.73	19.22	19.03	18.63	19.23	20.31
4	21.99	21.69	21.61	21.63	20.97	20.24	19.69	19.23	19.03	18.56	19.26	20.35
5	22.00	21.67	21.66	21.68	20.95	20.21	19.71	19.26	19.01	18.57	19.30	20.43
6	22.01	21.64	21.63	21.63	20.99	20.20	19.74	19.24	18.93	18.58	19.34	20.42
7	22.02	21.63	21.62	21.68	20.95	20.17	19.69	19.25	18.84	18.60	19.37	20.42
8	22.05	21.62	21.65	21.67	20.90	20.10	19.73	19.24	18.84	18.64	19.42	20.48
9	22.03	21.61	21.66	21.65	20.97	19.99	19.74	19.23	18.86	18.66	19.40	20.50
10	22.04	21.61	21.57	21.67	20.90	19.91	19.65	19.23	18.81	18.65	19.45	20.51
11	22.08	21.59	21.64	21.56	20.82	19.87	19.53	19.25	18.79	18.74	19.47	20.53
12	22.12	21.58	21.65	21.57	20.81	19.87	19.35	19.22	18.81	18.78	19.48	20.54
13	22.09	21.60	21.63	21.50	20.76	19.86	19.32	19.25	18.70	18.81	19.49	20.58
14	22.07	21.57	21.62	21.53	20.76	19.87	19.32	19.22	18.66	18.93	19.56	20.60
15	22.10	21.54	21.63	21.49	20.74	19.82	19.30	19.19	18.65	18.95	19.62	20.63
16	22.13	21.56	21.59	21.41	20.71	19.85	19.29	19.27	18.62	18.93	19.66	20.64
17	22.14	21.57	21.62	21.46	20.71	19.87	19.30	19.35	18.65	18.94	19.71	20.68
18	22.16	21.55	21.62	21.43	20.71	19.80	19.22	19.34	18.67	19.08	19.73	20.69
19	22.14	21.53	21.66	21.35	20.63	19.80	19.23	19.32	18.70	19.00	19.76	20.67
20	22.16	21.52	21.59	21.36	20.65	19.80	19.32	19.33	18.73	18.82	19.83	20.68
21	22.20	21.55	21.54	21.35	20.68	19.78	19.34	19.35	18.73	18.81	19.87	20.63
22	22.20	21.54	21.63	21.36	20.64	19.80	19.28	19.39	18.73	18.79	19.90	20.56
23	22.18	21.51	21.60	21.33	20.63	19.81	19.23	19.40	18.77	18.80	19.98	20.52
24	22.16	21.56	21.61	21.36	20.64	19.76	19.22	19.44	18.93	18.91	20.16	20.48
25	22.15	21.56	21.65	21.29	20.65	19.73	19.26	19.43	18.78	18.98	20.05	20.51
26	22.17	21.60	21.59	21.32	20.59	19.75	19.26	19.46	18.83	18.99	20.06	20.52
27	22.13	21.60	21.60	21.32	20.37	19.74	19.22	19.55	18.82	19.00	20.07	20.55
28	22.09	21.59	21.63	21.24	20.31	19.73	19.22	19.48	18.71	19.08	20.11	20.56
29	21.99	21.61	21.58	21.20	---	19.71	19.21	19.40	18.64	19.19	20.17	20.55
30	21.89	21.64	21.65	21.01	---	19.71	19.22	19.34	18.63	19.18	20.16	20.59
31	21.84	---	21.59	21.02	---	19.64	---	19.33	---	19.19	20.19	---
Mean	22.07	21.60	21.62	21.45	20.77	19.91	19.42	19.31	18.81	18.84	19.69	20.52
Max	22.20	21.79	21.66	21.68	21.05	20.31	19.74	19.55	19.32	19.19	20.19	20.69
Min	21.84	21.51	21.54	21.01	20.31	19.64	19.21	19.19	18.62	18.56	19.22	20.23

431045078160401 Local number OI-20, near Barre NY—Continued