Water-Data Report 2012

410853073554001 Local number Ro-543, at Rockland Lake NY

Early Mesozoic basin aquifers
Brunswick Formation

Rockland County, NY

LOCATION.--Lat 41°08'52.8", long 73°55'39.7" referenced to North American Datum of 1983, Rockland County, NY, Hydrologic Unit 02030103, at Rockland Lake.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 152.5 ft. Upper casing diameter 6.0 in; top of first opening 22 ft, bottom of last opening 118 ft. Cased to 20.4 ft, open hole. Elevation of land-surface datum is 160.04 ft above NGVD of 1929.

PERIOD OF RECORD.--October 2005 to current year.

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

REMARKS.--Water level is affected by nearby seasonal pumping. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.92 ft below land-surface datum, Mar. 24, 2011; lowest water level, 10.85 ft below land-surface datum, Oct. 7, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 5.32 ft below land-surface datum, Dec. 8; lowest water level, 8.95 ft below land-surface datum, July 15.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 410853073554001, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/410853073554001.2012.pdf

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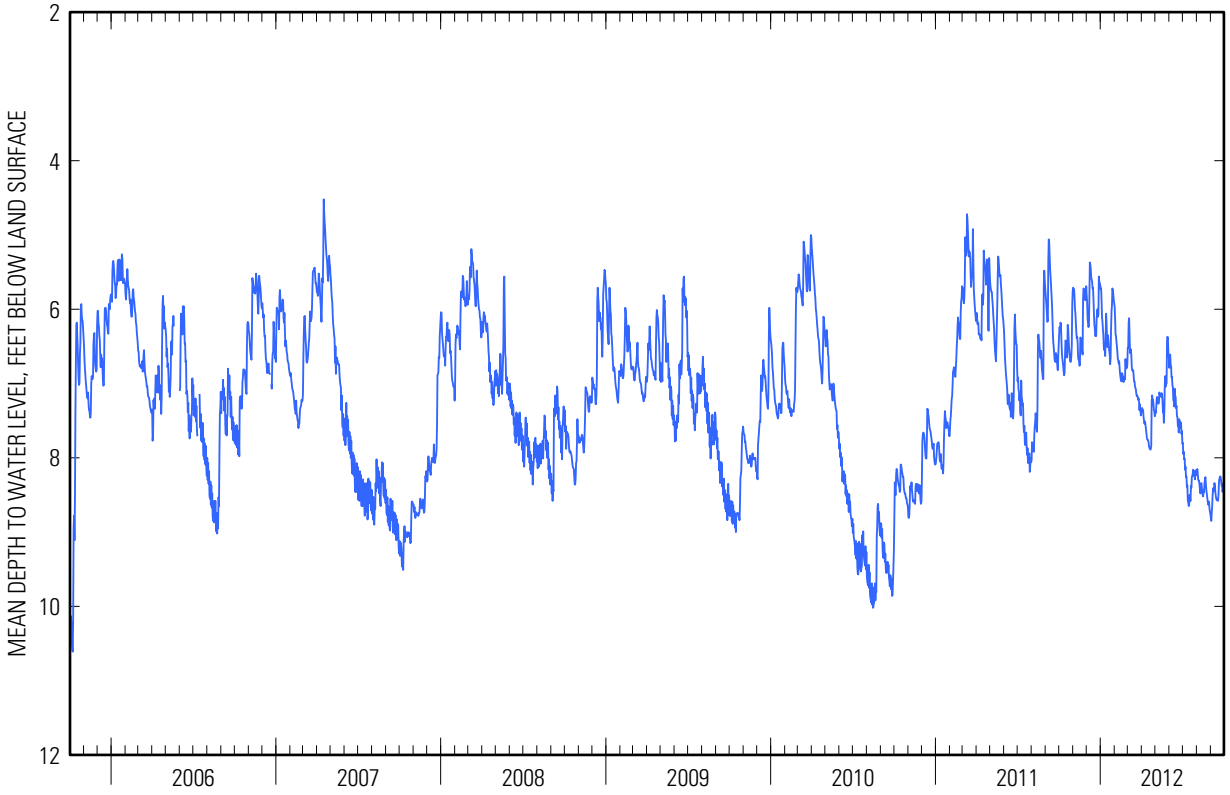
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.34	5.71	5.81	5.73	5.97	6.52	7.35	7.38	6.79	7.80	8.23	8.81
2	6.24	5.74	5.90	5.72	6.13	6.52	7.33	7.40	6.71	7.95	8.15	8.85
3	6.30	5.73	6.12	5.88	6.34	6.18	7.37	7.33	6.61	7.92	8.21	8.74
4	6.18	5.82	6.19	6.11	6.36	6.12	7.36	7.21	6.75	8.02	8.29	8.65
5	6.20	5.99	6.24	6.17	6.44	6.34	7.45	7.18	6.77	8.01	8.31	8.50
6	6.41	6.05	6.21	6.27	6.50	6.59	7.50	7.22	6.92	8.16	8.31	8.41
7	6.57	6.18	5.84	6.35	6.58	6.59	7.54	7.27	6.91	8.12	8.37	8.45
8	6.66	6.31	5.37	6.52	6.67	6.54	7.51	7.27	7.03	8.26	8.43	8.45
9	6.71	6.39	5.40	6.55	6.69	6.63	7.54	7.26	7.05	8.25	8.48	8.34
10	6.76	6.37	5.45	6.54	6.73	6.79	7.60	7.12	7.23	8.39	8.38	8.38
11	6.84	6.45	5.57	6.63	6.70	6.82	7.65	7.15	7.23	8.37	8.34	8.46
12	6.89	6.64	5.60	6.40	6.80	6.83	7.71	7.15	7.31	8.57	8.39	8.51
13	6.86	6.68	5.63	6.06	6.87	6.82	7.75	7.15	7.07	8.60	8.46	8.55
14	6.63	6.69	5.72	6.18	6.92	6.89	7.76	7.18	7.17	8.65	8.50	8.57
15	6.42	6.76	5.71	6.40	6.96	6.97	7.76	7.13	7.18	8.64	8.52	8.56
16	6.43	6.75	5.85	6.51	6.97	6.97	7.79	7.15	7.33	8.50	8.44	8.56
17	6.50	6.38	6.04	6.35	6.86	7.04	7.84	7.24	7.30	8.53	8.46	8.58
18	6.65	6.39	6.20	6.40	6.87	7.06	7.87	7.39	7.44	8.58	8.34	8.50
19	6.61	6.44	6.26	6.50	6.91	7.08	7.87	7.38	7.45	8.38	8.29	8.33
20	6.21	6.43	6.36	6.56	6.97	7.14	7.89	7.53	7.57	8.40	8.26	8.28
21	6.25	6.56	6.35	6.61	6.98	7.17	7.88	7.38	7.55	8.26	8.35	8.26
22	6.40	6.61	6.36	6.74	6.91	7.16	7.84	7.01	7.66	8.24	8.43	8.25
23	6.52	5.87	6.14	6.66	6.95	7.18	7.25	6.90	7.48	8.21	8.48	8.27
24	6.60	5.72	6.05	6.27	6.91	7.22	7.16	7.04	7.60	8.16	8.53	8.32
25	6.68	5.73	6.00	6.03	6.67	7.20	7.22	7.00	7.51	8.24	8.58	8.38
26	6.71	5.79	6.10	5.95	6.80	7.25	7.22	7.00	7.53	8.23	8.63	8.38
27	6.70	5.82	6.07	5.72	6.74	7.36	7.28	6.42	7.53	8.25	8.63	8.46
28	6.63	5.88	5.56	5.75	6.79	7.28	7.36	6.37	7.68	8.29	8.59	8.41
29	6.49	5.85	5.63	5.80	6.75	7.35	7.38	6.40	7.64	8.17	8.68	8.34
30	5.95	5.69	5.65	5.88	---	7.43	7.44	6.58	7.81	8.20	8.73	8.36
31	5.76	---	5.67	5.92	---	7.39	---	6.66	---	8.23	8.75	---
Mean	6.49	6.18	5.90	6.23	6.72	6.92	7.55	7.09	7.26	8.28	8.44	8.46
Max	6.89	6.76	6.36	6.74	6.98	7.43	7.89	7.53	7.81	8.65	8.75	8.85
Min	5.76	5.69	5.37	5.72	5.97	6.12	7.16	6.37	6.61	7.80	8.15	8.25

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