Water-Data Report 2011

430252077283402 Local number Mo-11, at Powder Mill Park, near Bushnell Basin NY

Sand and gravel aquifers (glaciated regions)
Holocene Alluvium

Monroe County, NY

LOCATION.--Lat 43°02′50″, long 77°28′35″ referenced to North American Datum of 1927, Monroe County, NY, Hydrologic Unit 04140101, next to intermittent stream south of Park Road, northeast of fish hatchery ponds, at Powder Mill Park near Bushnell Basin, NY.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 16 ft. Upper casing diameter 2 in; top of first opening 6 ft, bottom of last opening 16 ft. Cased to 6 ft (screen, 6 ft to 16 ft). Elevation of land-surface datum is 448.66 ft above NGVD of 1929.

PERIOD OF RECORD.--December 1983 to September 1993 and December 2003 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, 6.72 ft below land-surface datum, Apr. 3, 2005; lowest water level measured, 10.42 ft below land-surface datum, Sept. 12, 1988.

EXTREMES FOR CURRENT YEAR.--Highest water level, 8.15 ft below land-surface datum, May 4; lowest water level, 10.34 ft below land-surface datum, July 29, Aug. 7.

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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	8.95	9.07	8.85	9.17	---	8.76	8.74	8.25	8.31	8.69	9.81	9.41
2	9.04	9.08	8.72	9.19	---	8.75	8.77	8.27	8.36	8.72	10.11	9.39
3	9.11	9.06	8.74	9.19	---	8.84	8.80	8.23	8.39	8.75	10.18	9.51
4	9.14	9.05	8.80	9.19	9.45	8.85	8.72	8.17	8.39	8.84	9.89	9.69
5	9.06	8.99	8.85	9.21	9.45	8.78	8.66	8.22	8.40	8.97	9.88	9.43
6	8.93	9.01	8.87	9.22	9.46	8.78	8.68	8.25	8.42	9.07	10.18	9.33
7	8.91	9.03	8.87	9.22	9.46	8.77	8.74	8.28	8.44	9.12	10.20	9.30
8	8.98	9.02	8.88	---	9.46	8.77	8.76	8.32	8.46	9.18	10.01	9.27
9	9.03	9.04	8.92	---	9.47	8.78	8.77	8.34	8.48	9.25	10.03	9.27
10	9.05	9.07	8.94	---	9.49	8.68	8.77	8.36	8.52	9.34	9.79	9.27
11	9.06	9.09	8.93	---	9.50	8.59	8.75	8.38	8.52	9.41	---	9.27
12	9.06	9.10	8.93	---	9.50	8.57	8.78	8.38	8.53	9.47	---	9.26
13	9.10	9.09	8.94	---	9.48	8.58	8.68	8.38	8.55	9.54	---	9.26
14	9.08	9.08	8.92	---	9.34	8.60	8.67	8.37	8.55	9.59	---	9.29
15	9.05	9.06	8.92	---	9.19	8.60	8.70	8.33	8.57	9.68	---	9.25
16	9.02	9.05	8.94	---	9.12	8.58	8.65	8.23	8.59	9.76	9.29	9.25
17	9.04	8.94	8.97	---	9.10	8.58	8.64	8.27	8.61	9.83	9.26	9.26
18	9.07	8.99	9.02	---	8.97	8.56	8.68	8.28	8.62	9.76	9.24	9.27
19	9.08	9.03	9.05	---	8.92	8.59	8.69	8.28	8.65	9.69	9.26	9.28
20	9.08	9.07	9.07	---	8.89	8.62	8.53	8.26	8.68	9.83	9.45	9.25
21	9.07	9.11	9.10	---	8.87	8.58	8.51	8.28	8.72	9.93	9.46	9.23
22	9.10	9.10	9.13	---	8.92	8.61	8.52	8.29	8.62	10.01	9.32	9.18
23	9.12	9.04	9.17	---	9.00	8.62	8.41	8.29	8.54	10.07	9.33	9.20
24	9.08	9.07	9.19	---	9.01	8.62	8.38	8.30	8.55	10.12	9.33	9.22
25	9.04	9.09	9.20	---	9.02	8.64	8.39	8.33	8.54	10.17	9.22	9.22
26	9.00	9.08	9.22	---	9.04	8.67	8.31	8.32	8.57	10.21	9.21	9.23
27	8.99	9.12	9.22	---	9.01	8.68	8.24	8.31	8.60	10.27	9.21	9.23
28	9.01	9.15	9.23	---	8.86	8.70	8.17	8.19	8.60	10.31	9.20	9.18
29	9.03	9.17	9.24	---	---	8.73	8.19	8.25	8.60	10.08	9.22	9.16
30	9.00	9.15	9.24	---	---	8.75	8.23	8.26	8.64	9.75	9.24	9.21
31	9.04	---	9.20	---	---	8.74	---	8.29	---	9.70	9.36	---
Mean	9.04	9.07	9.01	---	---	8.68	8.58	8.29	8.53	9.58	---	9.29
Max	9.14	9.17	9.24	---	---	8.85	8.80	8.38	8.72	10.31	---	9.69
Min	8.91	8.94	8.72	---	---	8.56	8.17	8.17	8.31	8.69	---	9.16

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