

Water-Data Report 2009

**430146078101301 Local number, Gs-217, near Batavia NY**

New York carbonate rock aquifer  
Onondaga limestone  
Genesee County, NY

LOCATION.--Lat 43°01'46", long 78°10'13" referenced to North American Datum of 1983, Genesee County, NY, Hydrologic Unit 04120104.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 74.6. Upper casing diameter 6 in; top of first opening 27.5 ft, bottom of last opening 74.6 ft. Cased to 27 ft, open hole. Elevation of land-surface datum is 910 ft above NGVD of 1929, from topographic map.

PERIOD OF RECORD.--September 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.27 ft below land-surface datum, Mar. 11, 2009; lowest water level, 15.02 ft below land-surface datum, Sept. 25, 26, 2007.

EXTREMES FOR CURRENT PERIOD.--

September 2007: Highest water level, 14.45 ft below land-surface datum, Sept. 30, 2007; lowest water level, 15.02 ft below land-surface datum, Sept. 25, 26, 2007.

October 2007 to September 2008: Highest water level, 2.00 ft below land-surface datum, Apr. 1, 2008; lowest water level, 14.60 ft below land-surface datum, Oct. 22, 2008.

October 2008 to September 2009: Highest water level, 1.27 ft below land-surface datum, Mar. 11, 2009; lowest water level, 12.28 ft below land-surface datum, Sept. 26, 27, 2009.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
 WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007  
 DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	14.63
21	---	---	---	---	---	---	---	---	---	---	---	14.67
22	---	---	---	---	---	---	---	---	---	---	---	14.72
23	---	---	---	---	---	---	---	---	---	---	---	14.85
24	---	---	---	---	---	---	---	---	---	---	---	14.92
25	---	---	---	---	---	---	---	---	---	---	---	14.98
26	---	---	---	---	---	---	---	---	---	---	---	15.00
27	---	---	---	---	---	---	---	---	---	---	---	14.81
28	---	---	---	---	---	---	---	---	---	---	---	14.59
29	---	---	---	---	---	---	---	---	---	---	---	14.53
30	---	---	---	---	---	---	---	---	---	---	---	14.47
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---

## 430146078101301 Local number Local Number, Gs-217, near Batavia NY—Continued

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14.45	13.59	6.55	4.46	8.25	7.15	2.19	8.43	10.30	10.16	10.32	---
2	14.43	13.67	6.65	4.82	8.33	7.36	2.47	8.54	10.33	10.20	10.37	---
3	14.35	13.68	5.92	5.17	8.39	6.78	2.98	8.62	10.37	10.23	10.44	---
4	14.38	13.72	5.41	5.44	8.36	4.70	3.32	8.70	10.40	10.22	10.50	---
5	14.42	13.79	5.47	5.71	5.73	4.60	3.60	8.77	10.46	10.25	10.55	---
6	14.43	13.76	5.68	5.86	2.64	4.89	3.91	8.85	10.44	10.29	10.40	---
7	14.24	13.09	5.88	5.51	2.29	5.09	4.24	8.91	10.44	10.35	10.34	---
8	13.92	12.44	6.12	5.42	2.77	5.31	4.63	8.96	10.46	10.40	10.31	---
9	13.82	12.16	6.34	5.52	3.23	5.66	4.99	9.02	10.51	10.47	10.22	---
10	13.77	12.06	6.53	5.67	3.58	5.91	5.36	9.10	10.53	10.56	10.07	11.19
11	13.78	12.00	6.66	5.12	4.05	6.10	5.45	9.15	10.47	10.63	9.70	11.25
12	13.81	11.93	5.88	4.70	4.42	6.28	4.97	9.24	10.48	10.67	9.43	11.23
13	13.86	11.92	5.31	4.78	4.79	6.47	4.79	9.33	10.49	10.71	9.36	11.03
14	13.95	11.87	5.37	4.96	5.21	6.57	4.92	9.37	10.36	10.77	9.39	10.71
15	14.04	11.89	5.51	5.20	5.56	6.38	5.14	9.45	10.28	10.86	9.46	10.58
16	14.11	11.95	5.57	5.47	5.90	6.03	5.39	9.50	10.24	10.93	9.51	10.57
17	14.18	12.02	5.87	5.67	6.03	5.89	5.67	9.54	10.19	10.94	9.57	10.56
18	14.24	12.10	6.10	5.88	4.50	5.75	5.93	9.60	10.01	10.86	9.63	10.60
19	14.30	12.13	6.28	6.11	4.00	4.40	6.19	9.65	9.93	10.88	9.60	10.63
20	14.44	12.10	6.48	6.36	4.32	2.85	6.45	9.70	9.91	10.85	9.57	10.65
21	14.54	11.91	6.64	6.61	4.70	2.93	6.69	9.76	9.89	10.66	9.58	10.72
22	14.59	8.39	6.75	6.75	5.03	3.22	6.90	9.84	9.87	10.62	9.61	10.79
23	14.49	6.74	5.17	6.96	5.40	3.55	7.10	9.93	9.88	10.60	---	10.86
24	14.09	6.66	2.50	7.16	5.71	3.88	7.31	10.0	9.91	10.46	---	10.92
25	13.94	6.77	2.70	7.36	5.99	4.17	7.48	10.06	9.94	10.25	---	10.99
26	13.84	6.82	3.10	7.52	6.22	3.95	7.65	10.10	9.96	10.18	---	11.06
27	13.70	6.37	3.51	7.70	6.49	3.44	7.83	10.18	10.01	10.17	---	11.12
28	13.67	6.21	3.82	7.86	6.76	3.45	7.95	10.25	10.05	10.19	---	11.22
29	13.61	6.21	3.79	7.98	6.96	3.69	8.13	10.30	10.10	10.22	---	11.31
30	13.58	6.34	3.95	8.08	---	3.96	8.29	10.35	10.13	10.23	---	11.37
31	13.55	---	4.21	8.24	---	3.42	---	10.33	---	10.27	---	---
<b>Mean</b>	14.08	10.81	5.35	6.13	5.37	4.96	5.60	9.47	10.21	10.49	---	---
<b>Max</b>	14.59	13.79	6.75	8.24	8.39	7.36	8.29	10.35	10.53	10.94	---	---
<b>Min</b>	13.55	6.21	2.50	4.46	2.29	2.85	2.19	8.43	9.87	10.16	---	---

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11.41	9.29	---	---	9.23	5.27	8.05	9.16	10.33	8.22	8.23	9.64
2	11.41	9.33	---	---	9.33	5.48	8.21	9.24	10.36	7.73	8.33	9.71
3	11.42	---	---	---	9.39	5.74	8.22	9.30	10.40	7.39	8.47	9.78
4	11.44	---	---	---	9.48	6.00	7.69	9.38	10.44	7.40	8.56	9.85
5	11.47	---	---	---	9.55	6.23	7.19	9.44	10.48	7.50	8.70	9.96
6	11.53	---	---	5.51	9.61	6.32	6.90	9.49	10.54	7.60	8.81	10.06
7	11.59	---	---	5.50	9.54	6.17	6.73	9.49	10.61	7.67	8.92	10.14
8	11.61	---	---	5.60	6.61	3.24	6.66	9.48	10.67	7.85	9.01	10.23
9	11.66	---	---	5.83	4.95	1.89	6.64	9.46	10.70	8.01	9.07	10.35
10	11.76	---	---	6.02	4.64	2.05	6.68	9.44	10.75	8.16	8.86	10.47
11	11.85	---	---	6.24	3.86	1.49	6.79	9.45	10.79	8.24	8.87	10.55
12	11.92	---	---	6.47	1.97	1.96	6.93	9.48	10.82	8.31	8.93	10.64
13	11.99	---	---	6.63	1.66	2.65	7.06	9.51	10.85	8.42	9.00	10.74
14	12.06	---	---	6.86	2.26	3.20	7.20	9.54	10.91	8.55	9.07	10.84
15	12.15	---	---	7.06	2.82	3.68	7.39	9.61	10.97	8.65	9.13	10.95
16	11.84	---	---	7.25	3.36	4.09	7.57	9.62	11.04	8.73	9.21	11.08
17	11.29	---	---	7.41	3.81	4.49	7.72	9.71	11.08	8.83	9.28	11.17
18	11.15	---	---	7.55	4.16	4.84	7.87	9.78	10.70	8.89	9.34	11.27
19	11.11	---	---	7.74	4.55	5.20	8.04	9.85	10.36	8.98	9.43	11.41
20	11.06	---	---	7.93	4.98	5.56	8.16	9.91	10.14	9.08	9.49	11.51
21	11.02	---	---	8.10	5.38	5.85	8.31	9.97	9.87	9.16	9.38	11.61
22	10.88	---	---	8.26	5.69	6.13	8.43	10.05	9.66	9.21	9.38	11.73
23	10.69	---	---	8.40	6.03	6.40	8.57	10.12	9.52	9.00	9.37	11.85
24	10.53	---	---	8.55	6.32	6.63	8.65	10.20	9.43	8.32	9.27	12.00
25	10.28	---	---	8.66	6.54	6.82	8.74	10.29	9.37	8.22	9.24	12.15
26	9.68	---	---	8.77	6.60	6.99	8.84	10.36	9.23	7.51	9.26	12.25
27	9.34	---	---	8.86	5.87	7.17	8.91	10.41	9.07	7.48	9.32	12.25
28	9.21	---	---	8.89	5.19	7.36	9.00	10.45	8.95	7.60	9.37	12.16
29	9.19	---	---	9.00	---	7.50	9.08	10.36	8.55	7.74	9.39	11.16
30	9.24	---	---	9.08	---	7.73	9.11	10.35	8.35	7.92	9.47	10.62
31	9.24	---	---	9.17	---	7.93	---	10.34	---	8.08	9.57	---
<b>Mean</b>	11.00	---	---	---	5.83	5.23	7.84	9.78	10.16	8.21	9.09	10.94
<b>Max</b>	12.15	---	---	---	9.61	7.93	9.11	10.45	11.08	9.21	9.57	12.25
<b>Min</b>	9.19	---	---	---	1.66	1.49	6.64	9.16	8.35	7.39	8.23	9.64

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