

Water-Data Report 2007

**404834073403701 Local number N 12507. 1**

Northern Atlantic Coastal Plain aquifer system  
Lloyd Aquifer  
Nassau County, NY

LOCATION.--Lat 40°48'34", long 73°40'37" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at southwest side of Bonnie Heights Road, in Flower Hill Village Hall parking lot, Flower Hill.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 615 ft. Upper casing diameter 4 in; top of first opening 585 ft, bottom of last opening 605 ft.

DATUM.--Land-surface datum is 118 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.84 ft below land-surface datum.

PERIOD OF RECORD.--September 1994 to March 1998 and January 2002 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

REMARKS.--Water level affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.67 ft above sea level, March 27, 2007; lowest recorded, 4.19 ft above sea level, August 23, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 25.67 ft above sea level, March 27; lowest recorded, 8.02 ft above sea level, June 3.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	18.01	16.10	25.00	22.21	14.88	---	---	---
2	---	---	---	---	21.92	21.96	23.99	21.81	13.12	---	---	---
3	---	---	---	---	22.35	22.78	24.30	24.42	8.29	---	---	---
4	---	---	---	---	22.39	22.94	18.95	25.18	12.46	---	---	---
5	---	---	---	---	22.42	23.00	22.22	25.36	18.60	---	---	---
6	---	---	---	---	22.45	22.77	23.38	25.55	15.16	---	---	---
7	---	---	---	---	17.38	17.64	23.53	25.44	---	---	---	---
8	---	---	---	---	18.12	17.91	23.71	20.96	---	---	---	---
9	---	---	---	---	21.77	22.07	23.71	21.04	---	---	---	---
10	---	---	---	---	22.19	22.58	23.53	23.72	---	---	---	---
11	---	---	---	---	22.31	22.81	20.39	24.31	---	---	---	---
12	---	---	---	---	22.46	22.89	22.16	24.22	---	---	---	---
13	---	---	---	---	22.50	22.95	23.17	24.03	---	---	---	---
14	---	---	---	---	17.68	19.00	23.42	23.74	---	---	---	---
15	---	---	---	---	18.15	19.29	23.31	23.09	---	---	---	---
16	---	---	---	---	21.60	22.42	23.88	22.58	---	---	---	---
17	---	---	---	---	22.15	23.16	24.32	22.53	---	---	---	---
18	---	---	---	---	22.42	23.17	21.33	22.55	---	---	---	---
19	---	---	---	---	22.44	23.15	22.43	22.44	---	---	---	---
20	---	---	---	---	22.69	23.11	23.62	22.23	---	---	---	---
21	---	---	---	---	18.46	23.29	23.67	22.22	---	---	---	---
22	---	---	---	---	19.34	23.90	23.69	21.95	---	---	---	---
23	---	---	---	---	23.28	24.42	22.74	21.58	---	---	---	---
24	---	---	---	---	23.38	24.76	17.12	21.12	---	---	---	---
25	---	---	---	---	23.27	25.08	16.42	20.57	---	---	---	---
26	---	---	---	---	23.41	25.38	22.62	20.39	---	---	---	---
27	---	---	---	---	23.30	25.61	23.93	20.37	---	---	---	---
28	---	---	---	---	17.97	23.01	24.52	17.13	---	---	---	---
29	---	---	---	---	---	24.24	24.98	11.04	---	---	---	---
30	---	---	---	---	---	24.98	24.93	13.77	---	---	---	---
31	---	---	---	---	---	25.26	---	15.19	---	---	---	---
<b>Mean</b>	---	---	---	---	21.28	22.63	22.83	21.70	---	---	---	---
<b>Max</b>	---	---	---	---	23.41	25.61	25.00	25.55	---	---	---	---
<b>Min</b>	---	---	---	---	17.38	16.10	16.42	11.04	---	---	---	---
<b>Med</b>	---	---	---	---	22.33	23.00	23.53	22.23	---	---	---	---

	Calendar Year 2006	Water Year 2007
<b>Mean</b>	19.27	21.73
<b>Max</b>	24.77	25.61
<b>Min</b>	12.59	8.29
<b>Med</b>	18.89	22.56

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