

Water-Data Report NY-2005

**404233073471301 Local number Q 3813. 1**

Northern Atlantic Coastal Plain aquifer system  
Glacial Aquifer, Upper  
Queens County, NY

LOCATION.--Lat 40°42'33", long 73°47'13" referenced to North American Datum of 1927, Queens County, Hydrologic Unit 02030202, at south side of 91th Avenue, 50 ft west of 175th Street, Jamaica.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 2 in; top of first opening 70 ft, bottom of last opening 75 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 58.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.49 ft below land-surface datum.

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--Digital water-level recorder.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.40 ft above sea level, May 1 and 2, 2005; lowest recorded, 18.14 ft above sea level, January 15 and 29, 2000.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 25.40 ft above sea level, May 1 and 2; lowest recorded, 23.68 ft above sea level, October 1 and 9.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23.77	24.05	24.23	24.33	24.62	24.83	24.95	25.39	---	---	---	---
2	23.78	24.01	24.17	24.28	24.70	24.79	25.05	25.38	---	---	---	---
3	23.81	24.06	24.22	24.37	24.72	24.73	25.10	25.36	---	---	---	---
4	23.82	24.09	24.19	24.38	24.73	24.70	25.04	---	---	---	---	---
5	23.86	24.12	24.17	24.40	24.67	24.72	24.99	---	---	---	---	---
6	23.83	24.09	24.15	24.45	24.61	24.76	25.03	---	---	---	---	---
7	23.85	24.11	24.24	24.38	24.65	24.80	25.10	---	---	---	---	---
8	23.86	24.04	24.25	24.41	24.71	24.85	25.13	---	---	---	---	---
9	23.88	23.98	24.23	24.39	24.72	24.71	25.13	---	---	---	---	---
10	23.91	23.98	24.34	24.46	24.76	24.72	25.16	---	---	---	---	---
11	23.93	24.05	24.37	24.42	24.72	24.79	25.16	---	---	---	---	---
12	23.93	24.05	24.33	24.46	24.70	24.82	25.20	---	---	---	---	---
13	24.02	24.02	24.34	24.49	24.60	24.74	25.23	---	---	---	---	---
14	24.00	23.99	24.25	24.45	24.60	24.71	25.24	---	---	---	---	---
15	24.00	24.04	24.20	24.35	24.66	24.69	25.13	---	---	---	---	---
16	24.07	24.08	24.23	24.44	24.73	24.69	25.15	---	---	---	---	---
17	24.03	24.09	24.28	24.49	24.70	24.71	25.23	---	---	---	---	---
18	23.91	24.12	24.23	24.43	24.67	24.71	25.25	---	---	---	---	---
19	23.97	24.13	24.28	24.51	24.61	24.68	25.27	---	---	---	---	---
20	23.98	24.12	24.32	24.57	24.60	24.72	25.31	---	---	---	---	---
21	23.98	24.13	24.29	24.52	24.71	24.74	25.26	---	---	---	---	---
22	23.98	24.15	24.28	24.57	24.70	24.69	25.27	---	---	---	---	---
23	24.01	24.16	24.33	24.58	24.69	24.75	25.36	---	---	---	---	---
24	24.06	24.20	24.29	24.54	24.67	24.79	25.37	---	---	---	---	---
25	24.05	24.23	24.28	24.60	24.72	24.75	25.34	---	---	---	---	---
26	24.05	24.07	24.29	24.63	24.71	24.71	25.27	---	---	---	---	---
27	24.04	24.05	24.29	24.50	24.69	24.71	25.34	---	---	---	---	---
28	24.02	24.16	24.26	24.50	24.78	24.87	25.33	---	---	---	---	---
29	24.08	24.08	24.34	24.57	---	24.95	25.30	---	---	---	---	---
30	24.12	24.11	24.28	24.64	---	24.89	25.35	---	---	---	---	---
31	24.13	---	24.32	24.59	---	24.90	---	---	---	---	---	---
<b>Mean</b>	23.96	24.09	24.27	24.47	24.68	24.76	25.20	---	---	---	---	---
<b>Max</b>	24.13	24.23	24.37	24.64	24.78	24.95	25.37	---	---	---	---	---
<b>Min</b>	23.77	23.98	24.15	24.28	24.60	24.68	24.95	---	---	---	---	---
<b>Med</b>	23.98	24.08	24.28	24.46	24.70	24.74	25.23	---	---	---	---	---

**Calendar Year 2004**

<b>Mean</b>	23.39
<b>Max</b>	24.37
<b>Min</b>	22.45
<b>Med</b>	23.31

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