



Water-Data Report NY-2005

404232073432501 Local number N 9979. 1

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

LOCATION.--Lat 40°42'32", long 73°43'25" referenced to North American Datum of 1927, Nassau County, Hydrologic Unit 02030202, at west side of Wellington Road, 279 ft south of Hempstead Turnpike, Elmont.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 4 in; top of first opening 87 ft, bottom of last opening 92 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--December 1982 to current year. Unpublished records from December 1982 to September 1987 are available in files of the Long Island Subdistrict Office.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well N 1622. 4 in June 1982 near same location.

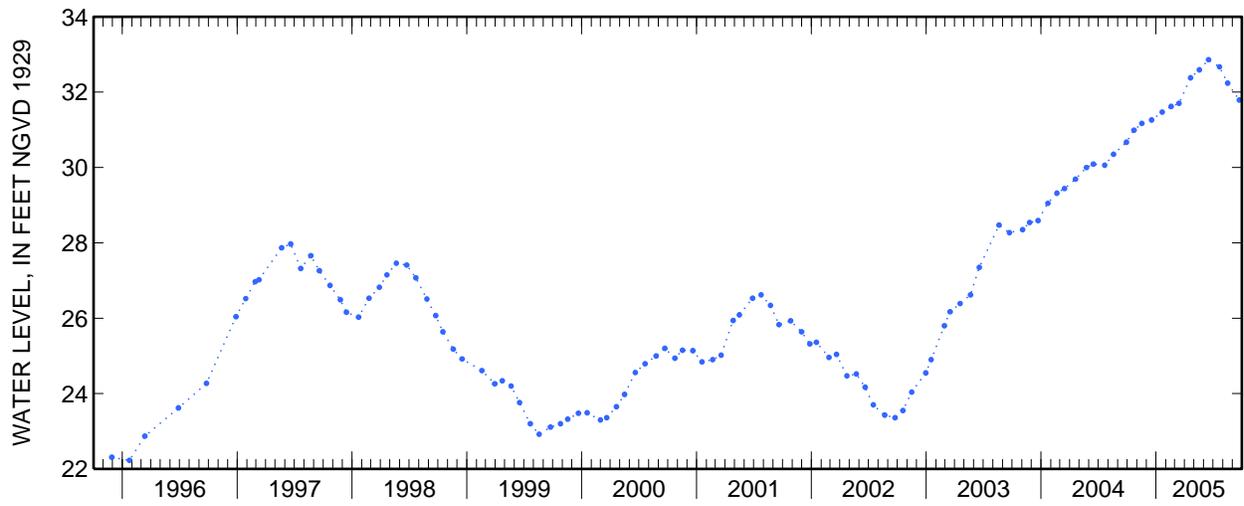
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.86 ft above sea level, June 16, 2005; lowest measured, 5.39 ft above sea level, April 8, 1983.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Oct 22	30.99	S	--	Apr 20	32.38	S	--
Nov 16	31.17	S	--	May 18	32.59	S	--
Dec 17	31.26	S	--	Jun 16	32.86	S	--
Jan 20	31.47	S	--	Jul 21	32.67	S	--
Feb 17	31.62	S	--	Aug 16	32.24	S	--
Mar 14	31.70	S	--	Sep 22	31.79	S	--

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WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 6

[Remark codes: <, less than. Value qualifier codes: c, see laboratory comment; m, value is highly variable by this method; t, below the long-term MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

Date	Time	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, deg C (00010)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)
Jul 14...	1038	11.6	5.7	396	15.5	<.5mc	<.5	<.5	<.5	<2	<1	<5mc	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 6

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Date	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- triazole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Bisphe- nol A, water, fltrd, ug/L (62069)
Jul 14...	<1	<5mc	<1	--u	<.5	<.5t	<.5	<.5	<.5	<.5	<2	<2	--u

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 6

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Date	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)
Jul 14...	<.5	<.5	<.5	<1mc	<.5	<.5	<2	<1.00	<.5	<.5	<5mc	<1mc	<.5mc

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 4 of 6

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Date	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)
Jul 14...	<1mc	<.5	<.5	<.5	<.5	<.5	<.5mc	<.5	<.5	<.5	<.5	<.5	<.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 5 of 6

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Date	p- Cresol, water, fltrd, ug/L (62084)	Penta- chloro- phenol, water, fltrd, ug/L (34459)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)
Jul 14...	<1	--u	<.5	<.5t	<.5	<.5	<.5mtc	<.5mc	<.5	<1	<.5	<.5	<.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2004
TO SEPTEMBER 2005

Part 6 of 6

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interference.]

Date	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
Jul 14...	<.5	<.5