



Water-Data Report 2007

404940073392701 Local number N 662. 1

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

LOCATION.--Lat 40°49'40", long 73°39'27" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at Bar Beach, east side of Shore Road, Port Washington.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 364 ft. Upper casing diameter 8 in; top of first opening 347 ft, bottom of last opening 363 ft.

DATUM.--Land-surface datum is 10.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 5.90 ft above land-surface datum.

PERIOD OF RECORD.--October 1977 to September 1996 and January 2002 to current year.

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

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.50 ft above sea level, March 26, 1993; lowest measured, 9.08 ft above sea level, July 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 24 | 15.09 | Feb 28 | 16.21 |
| Dec 18 | 16.11 | Jun 27 | 13.67 |
| Feb 28 | 16.21 | | |

