



Water-Data Report 2010

404630073293801 Local number N 6580. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'30", long 73°29'38" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 601 ft. Upper casing diameter 20 in; top of first opening 523 ft, bottom of last opening 596 ft.

DATUM.--Land-surface datum is 158 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of vent hole in east side of pump base, 2.03 ft above land-surface datum.

PERIOD OF RECORD.--August 1958, December 1964, November 1969 to March 1970, March 1972 to March 1983, April 1986, May 1988, April 1990, May 1994 to April 1997, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.85 ft above sea level, March 19, 1979; lowest measured, 71.59 ft above sea level, April 12, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 14	80.46

