

Water-Data Report 2011

405101073343401 Local number N 2528. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°51'01.0", long 73°34'32.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at south side of Chicken Valley Road, 83 ft west of Wolver Hollow Road, easternmost well, Upper Brookville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 328 ft. Upper casing diameter 6 in; top of first opening 278 ft, bottom of last opening 282 ft.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in steel plug, 0.86 ft above land-surface datum.

PERIOD OF RECORD.--February 1953 to April 2002 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, 79.92 ft above sea level, July 25, 1957; lowest measured, 59.12 ft above sea level, February 24, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 20	71.89	May 23	71.50
Nov 29	71.35	Jun 27	71.47
Dec 20	71.21	Jul 25	70.99
Jan 31	70.74	Aug 18	70.79
Feb 24	70.65	Sep 26	71.60

