



Water-Data Report 2008

404740073285701 Local number N 9089. 1

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

LOCATION.--Lat 40°47'19.2", long 73°28'56.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at west side of Cherry Drive, 63 ft south of Northern State Parkway, Plainview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 178 ft. Upper casing diameter 4 in; top of first opening 173 ft, bottom of last opening 178 ft.

DATUM.--Land-surface datum is 173 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

PERIOD OF RECORD.--December 1975 to May 1984, March 1990 to March 1989, 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, 91.90 ft above sea level, May 31, 1979; lowest measured, 73.28 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
Oct 30	82.71	Apr 18	83.69
Nov 20	82.87	May 19	83.39
Dec 18	83.09	Jun 18	83.03
Jan 17	83.26	Jul 15	82.64
Feb 25	83.49	Aug 18	82.05
Apr 4	83.68	Sep 15	81.88

