

Water-Data Report 2011

404804073051300 Local number S 47453. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°48'05.2", long 73°05'14.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 443 ft. Upper casing diameter 20 in; top of first opening 380 ft, bottom of last opening 440 ft.

DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 6.42 ft below land-surface datum.

PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.50 ft above sea level, April 4, 1991; lowest measured, 40.07 ft above sea level, March 20, 1989.

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

Date	Water level
Apr 6	43.85

