Water-Data Report 2011

405405072442702 Local number S 89535. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°54′05″, long 72°44′27″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Toppings Path, 0.10 mi south of Edwards Avenue, Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 523 ft. Upper casing diameter 4 in; top of first opening 510 ft, bottom of last opening 520 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

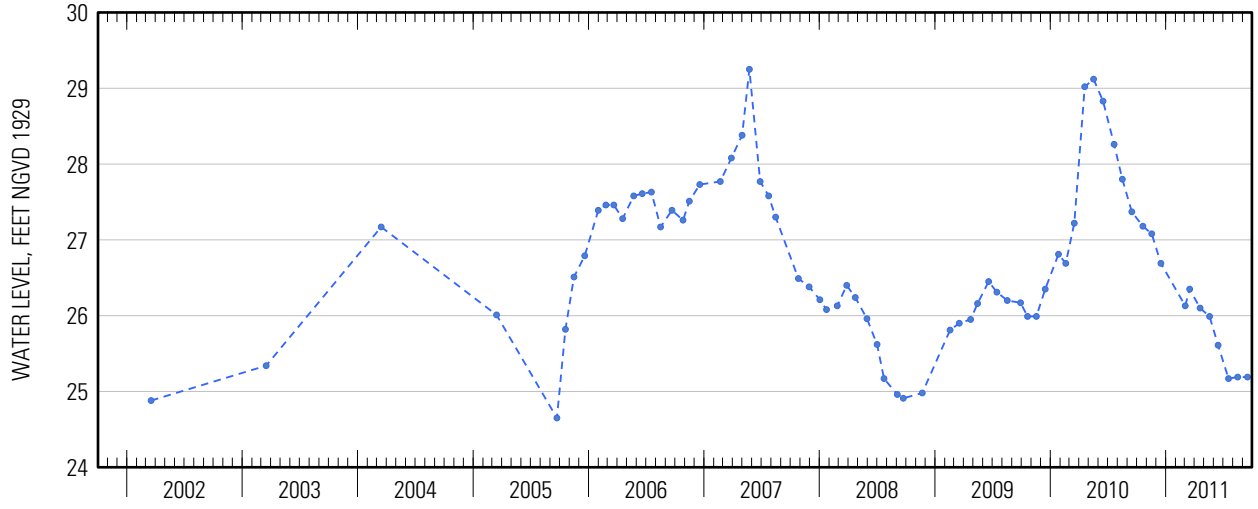
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.25 ft above sea level, May 24, 2007; lowest measured, 23.36 ft above sea level, August 23, 1995.

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

Date	Water level	Date	Water level
Oct 20	27.18	May 19	25.99
Nov 17	27.08	Jun 15	25.61
Dec 16	26.69	Jul 18	25.17
Mar 3	26.13	Aug 16	25.19
17	26.35	Sep 16	25.19
Apr 19	26.10		



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