



Water-Data Report 2006

**404454074202101 Local number 130014 Neutral Zone Obs**

Sand and gravel aquifers (glaciated regions)  
Stratified Drift  
Essex County, NJ

LOCATION.--Lat 40°44'54", long 74°20'21" referenced to North American Datum of 1927, Millburn Township, Essex County, NJ, Hydrologic Unit 02030103, about 1,500 ft south of the East Orange Water Department pumping station, Parsonage Hill Rd.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 64 ft. Upper casing diameter 6 in. Drilled observation well.

DATUM.--Land-surface datum is 179.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.5 ft above land-surface datum, Nov. 1, 1926, to present.

PERIOD OF RECORD.--Nov. 1926 to Oct. 1984, May 1986 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Nov. 1926 to May 1975.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.57 ft below land surface, Oct. 25, 1927; lowest, 63.12 ft below land surface, Apr. 10, 1967.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Mar 20	30.11	Sep 7	34.08
Jun 9	36.50		

Water year 2006 highest: 30.11 Mar 20, 2006; lowest: 36.50 Jun 09, 2006

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