



Water-Data Report 2007

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 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Nov 7	35.26	Jul 16	37.55
Mar 27	34.45	Sep 5	39.39

Water year 2007 highest: 34.45 Mar 27, 2007; lowest: 39.39 Sep 05, 2007

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