



Water-Data Report 2010

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.

GROUNDWATER 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.--November 1926 to October 1984, May 1986 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, November 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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Apr 21	45.49	Sep 14	47.17

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