

Water-Data Report 2011

404452074211601 Local number 130013 Canoe Brook 30 Obs

Sand and gravel aquifers (glaciated regions)
Stratified Drift

Essex County, NJ

LOCATION.--Lat 40°44'52", long 74°21'16" referenced to North American Datum of 1927, Millburn Township, Essex County, NJ, Hydrologic Unit 02030103, about 0.3 mi north of the New Jersey - American Water Company's Canoe Brook pumping station, near Chatham.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 6 in. Drilled observation well.

DATUM.--Land-surface datum is 170 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 6.57 ft above land-surface datum, Jul 1, 1984, to present.

PERIOD OF RECORD.--September 1925 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, April 1977 to July 1984. Periodic measurements, April 1975 to April 1977. Water-level recorder, September 1925 to April 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.00 ft below land surface datum, Aug 1, 1931; lowest, 86.70 ft below land surface datum, Oct 23, 1977.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Jun 7	60.89	Sep 22	55.11

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