



Water-Data Report 2011

413907071465001 Local number West Greenwich well WGW 181

Sand and gravel aquifers (glaciated regions)
Stratified Deposits, Undifferentiated

Kent County

LOCATION.--Lat 41°39'07", long 71°46'50" referenced to North American Datum of 1927, Kent County, Hydrologic Unit 01090005, about 50 ft from southeast corner of a house 1.3 mi north of intersection of Hazard and Muddy Brook Roads, and 1.8 mi northwest of West Greenwich Center in West Greenwich.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18.5 ft. Upper casing diameter 30.00 in; top of first opening 18.5 ft, bottom of last opening 18.5 ft.

DATUM.--Land-surface datum is 380 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of hole in concrete cover, 0.54 ft above land-surface datum, Oct. 1, 1987, to present.

PERIOD OF RECORD.--August 1966, January 1969 to current year.

GAGE.--Monthly measurement.

COOPERATION.--Rhode Island Department of Environmental Management; Rhode Island Water Resources Board.

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

Date	Water level	Date	Water level
Oct 27	16.49	Apr 26	14.18
Nov 23	15.67	May 23	14.93
Dec 21	14.40	Jun 27	15.66
Jan 25	15.67	Jul 26	15.48
Feb 23	15.28	Aug 31	14.60
Mar 28	14.33	Sep 26	15.09

Water year 2011 highest: 14.18, Apr 26, 2011; lowest: 16.49, Oct 27, 2010

Period of record highest: 12.15, Jan 27, 1979; lowest: 17.78, Dec 22, 1984

Record available from Aug 2, 1966, to Nov 5, 2012; 535 entries

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