



Water-Data Report 2011

413325071152401 Local number Portsmouth well POW 551

Sand and gravel aquifers (glaciated regions)
Till

Newport County

LOCATION.--Lat 41°33'25", long 71°15'24" referenced to North American Datum of 1927, Newport County, Hydrologic Unit 01090004, about 75 feet south of the state police barracks parking lot near the property line at Portsmouth Terrace on East Main Street (Rt. 138); just south of Union Street in Portsmouth.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 51.9 ft. Upper casing diameter 2 in; top of first opening 41.7 ft, bottom of last opening 51.1 ft.

DATUM.--Land-surface datum is 245 ft above National Geodetic Vertical Datum of 1929. Measuring point: notch in PVC casing, 2.50 ft above land-surface datum, Sep. 25, 1992, to present.

PERIOD OF RECORD.--September 1992 to current year.

GAGE.--Monthly measurement by Rhode Island Department of Environmental Management.

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

REMARKS.--Well was dry during one or more months in water years 1993-1994, 2002, and 2008. Lowest measured value, 50.32 ft below land surface, September 27, 1995.

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

Date	Water level	Date	Water level
Oct 25	48.83	Apr 25	28.80
Nov 23	41.96	May 23	36.02
Dec 20	39.31	Jun 27	38.83
Jan 24	37.79	Jul 26	42.16
Feb 22	28.30	Sep 27	39.23
Mar 28	31.82		

Water year 2011 highest: 28.3, Feb 22, 2011; lowest: 48.83, Oct 25, 2010
Period of record highest: 23.61, Mar 31, 2005; lowest: 50.32, Sep 27, 1995
Record available from Sep 28, 1992, to Nov 26, 2012; 238 entries

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