



Water-Data Report 2012

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 2011 TO SEPTEMBER 2012**

Date	Water level	Date	Water level
Oct 25	30.30	Apr 27	42.17
Nov 28	27.70	May 23	32.84
Dec 28	32.40	Jun 26	38.18
Jan 23	35.63	Jul 24	44.48
Feb 28	37.68	Aug 27	42.84
Mar 27	37.67	Sep 20	44.72

Water year 2012 highest: 27.70, Nov 28, 2011; lowest: 44.72, Sep 20, 2012

Period of record highest: 23.61, Mar 31, 2005; lowest: 50.32, Sep 27, 1995

Record available from Sep 28, 1992, to Feb 25, 2013; 241 entries

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