



Water-Data Report 2009

**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, state police barracks, 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 2008 TO SEPTEMBER 2009**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Oct 31	40.14	Apr 27	28.38
Nov 25	38.90	May 28	35.36
Dec 30	25.14	Jun 25	38.74
Jan 21	30.96	Jul 30	28.66
Feb 26	33.58	Aug 24	39.04
Mar 23	31.53	Sep 28	39.80

Water year 2009 highest: 25.14 Dec 30, 2008; lowest: 40.14 Oct 31, 2008

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

Record available from Sep 28, 1992, to Oct 26, 2009; 202 entries

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