



Water-Data Report 2006

**413325071152401 Local number Portsmouth well POW 551**

Sand and gravel aquifers (glaciated regions)

Till - Pleistocene Series

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.

**GROUND-WATER 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.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Oct 26	31.17	May 22	26.39
Nov 29	25.24	Jun 27	28.58
Dec 27	30.62	Jul 27	30.67
Jan 30	27.93	Aug 29	44.08
Feb 28	33.25	Sep 27	44.18
Apr 27	40.52		

Water year 2006 highest: 25.24 Nov 29, 2005; lowest: 44.18 Sep 27, 2006

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

Record available from Sep 28, 1992, to Dec 28, 2006; 170 entries

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