



Water-Data Report 2013

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 2012 TO SEPTEMBER 2013**

Date	Water level	Date	Water level
Nov 5	47.20	Apr 26	36.84
26	43.88	May 29	41.74
Dec 26	36.84	Jun 25	29.80
Jan 31	33.77	Jul 19	38.12
Feb 25	27.64	Aug 27	45.44
Mar 27	29.75	Sep 25	46.24

Water year 2013 highest: 27.64, Feb 25, 2013; lowest: 47.20, Nov 5, 2012

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

Record available from Sep 28, 1992, to Dec 23, 2013; 251 entries

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