



Water-Data Report 2013

**412424071423601 Local number Charlestown well CHW 587**

Sand and gravel aquifers (glaciated regions)  
Till

Washington County

LOCATION.--Lat 41°24'24", long 71°42'36" referenced to North American Datum of 1927, Washington County, Hydrologic Unit 01090005, Burlingame State Park, 0.8 mi from Buckeye Brook Road on Mills Trail in Charlestown.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 12.6 ft. Upper casing diameter 2 in; top of first opening 2.3 ft, bottom of last opening 11.7 ft.

DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929. Measuring point: notch in PVC casing, 1.60 ft above land-surface datum, Sep. 30, 1992, to present.

PERIOD OF RECORD.--October 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 1998-1999, 2002, and 2008. Lowest measured value, 12.56 ft below land surface, July 30, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Water level	Date	Water level
Nov 5	11.93	Apr 30	8.40
28	11.57	May 30	8.93
Dec 21	8.54	Jun 25	7.15
Feb 1	7.96	Jul 31	8.74
26	5.78	Aug 27	8.64
Mar 29	7.09	Sep 27	11.91

Water year 2013 highest: 5.78, Feb 26, 2013; lowest: 11.93, Nov 5, 2012

Period of record highest: 2.31, Mar 29, 2010; lowest: 12.56, Jul 30, 2002

Record available from Oct 8, 1992, to Oct 30, 2013; 269 entries

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