

Water-Data Report 2011

**412214071394001 Local number Charlestown well CHW 18**

Sand and gravel aquifers (glaciated regions)  
Marine Deposits

Washington County

LOCATION.--Lat 41°22'14", long 71°39'40" referenced to North American Datum of 1927, Washington County, Hydrologic Unit 01090005, 1,900 ft southeast of U.S. Highway 1, at former U.S. Navy Auxiliary Air Station in Charlestown.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 32 ft. Upper casing diameter 8.00 in; top of first opening 32 ft, bottom of last opening 32 ft.

DATUM.--Land-surface datum is 26 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing, 0.00 ft above land-surface datum, Oct. 1, 1946, to present.

PERIOD OF RECORD.--October 1946 to current year.

GAGE.--Monthly measurement.

COOPERATION.--Rhode Island Department of Environmental Management; Rhode Island Water Resources Board.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Oct 26	20.29	Apr 25	15.59
Nov 22	20.43	May 23	16.48
Dec 20	20.32	Jun 27	17.48
Jan 24	19.99	Jul 26	18.14
Feb 22	18.23	Aug 31	18.10
Mar 28	16.04	Sep 26	17.09

Water year 2011 highest: 15.59, Apr 25, 2011; lowest: 20.43, Nov 22, 2010

Period of record highest: 10.09, Apr 23, 1983; lowest: 21.63, Dec 29, 1965

Record available from Oct 1, 1946, to Nov 13, 2012; 806 entries

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