

Water-Data Report 2013

412434071422401 Local number Charlestown well CHW 586

Sand and gravel aquifers (glaciated regions)
Till

Washington County

LOCATION.--Lat 41°24'34", long 71°42'24" referenced to North American Datum of 1927, Washington County, Hydrologic Unit 01090005, Burlingame State Park, 0.7 mi from Buckeye Road on Clawson Trail in Charlestown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 14.3 ft. Upper casing diameter 2 in; top of first opening 4.1 ft, bottom of last opening 13.5 ft.

DATUM.--Land-surface datum is 125 ft above National Geodetic Vertical Datum of 1929. Measuring point: notch in PVC casing, 1.30 ft above land-surface datum, Sep. 29, 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 August 26, 1999. Lowest measured value, 11.90 ft below land surface, July 28, 1999.

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

Date	Water level	Date	Water level
Nov 5	3.99	Apr 30	3.75
28	3.98	May 30	3.78
Dec 21	3.52	Jun 25	3.85
Feb 1	3.38	Jul 31	4.19
26	3.30	Aug 27	4.12
Mar 29	3.61	Sep 27	4.12

Water year 2013 highest: 3.30, Feb 26, 2013; lowest: 4.19, Jul 31, 2013

Period of record highest: 1.13, Apr 26, 2011; lowest: 11.90, Jul 28, 1999

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

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