



Water-Data Report 2006

412424071423601 Local number Charlestown well CHW 587

Sand and gravel aquifers (glaciated regions)

Till - Pleistocene Series

Washington County

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

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 12.5 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.

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

Date	Water level	Date	Water level
Oct 27	3.72	May 23	4.13
Nov 29	4.83	Jun 26	6.36
Jan 25	4.65	Jul 26	9.32
Feb 28	7.47	Aug 25	11.10
Mar 28	9.01	Sep 27	10.08
May 2	8.00		

Water year 2006 highest: 3.72 Oct 27, 2005; lowest: 11.10 Aug 25, 2006

Period of record highest: 2.35 Mar 24, 1999; lowest: 12.56 Jul 30, 2002

Record available from Oct 08, 1992, to Dec 27, 2006; 188 entries

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