



Water-Data Report 2006

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.

GROUND-WATER 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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 24	15.92	Apr 25	17.77
Nov 29	15.24	May 23	13.92
Dec 21	14.63	Jun 26	11.62
Jan 30	14.33	Jul 25	15.59
Feb 21	14.24	Aug 25	17.49
Mar 23	16.54	Sep 29	18.06

Water year 2006 highest: 11.62 Jun 26, 2006; lowest: 18.06 Sep 29, 2006

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

Record available from Oct 01, 1946, to Dec 21, 2006; 736 entries

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