

Water-Data Report 2011

431551072350601 Local number CKW 1, Town of Chester

Sand and gravel aquifers (glaciated regions)
Stratified Deposits, Undifferentiated

Windsor County

LOCATION.--Lat 43°15'51", long 72°35'06" referenced to North American Datum of 1927, Windsor County, Hydrologic Unit 01080107, at Vermont Highway Department salt shed on Elm Street in Chester. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 22 ft. Upper casing diameter 1.25 in; top of first opening 20 ft, bottom of last opening 22 ft. Augered observation water-table well.

DATUM.--Land-surface datum is 580 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.00 ft above land-surface datum, 1966 to present.

PERIOD OF RECORD.--November 1966 to current year. Prior to October 1977, published as Chester 1.

COOPERATION.--Vermont Department of Environmental Conservation.

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

Date	Water level	Date	Water level
Oct 26	3.68	May 25	3.83
Nov 24	4.32	26	3.91
Dec 24	4.53	Jun 24	3.23
Jan 25	5.46	Jul 26	5.74
Feb 24	5.32	Aug 25	4.99
Mar 25	2.60	Sep 26	4.31
Apr 25	2.61		

Water year 2011 highest: 2.60, Mar 25, 2011; lowest: 5.74, Jul 26, 2011

Period of record highest: 1.56, Mar 20, 1986; lowest: 6.31, Sep 28, 1967

Record available from Nov 1, 1966, to Sep 26, 2011; 545 entries

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