



Water-Data Report 2007

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.

GROUND-WATER 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 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Oct 25	4.36	Apr 27	2.70
Nov 28	4.30	May 25	4.54
Dec 26	4.48	Jun 24	5.47
Jan 24	4.80	Jul 24	5.24
Feb 26	5.55	Aug 26	6.02
Mar 26	3.24	Sep 24	6.02

Water year 2007 highest: 2.70 Apr 27, 2007; lowest: 6.02 Aug 26, 2007 Sep 24, 2007

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

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