



Water-Data Report 2011

435343072151801 Local number WOW 1, Town of West Fairlee

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

Orange County

LOCATION.--Lat 43°53'43", long 72°15'18" referenced to North American Datum of 1927, Orange County, Hydrologic Unit 01080103, 60 ft west of salt shed and 1.3 mi south southeast of West Fairlee Village. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 54 ft. Upper casing diameter 1.25 in; top of first opening 52 ft, bottom of last opening 54 ft. Augered observation water-table well.

DATUM.--Land-surface datum is 700 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 West Fairlee 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 31	2.77	May 31	1.96
Nov 20	2.86	Jun 15	2.55
Dec 21	2.84	26	2.64
Jan 20	3.69	Jul 25	3.98
Feb 27	4.10	Aug 31	.55
Mar 31	2.47	Sep 30	2.47
Apr 27	.68		

Water year 2011 highest: .55, Aug 31, 2011; lowest: 4.10, Feb 27, 2011

Period of record highest: .53, Apr 23, 1993; lowest: 5.56, Sep 26, 1995

Record available from Nov 1, 1966, to Feb 26, 2012; 537 entries

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