



Water-Data Report 2007

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.

GROUND-WATER 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 2006 TO SEPTEMBER 2007**

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 25 | 3.16 | Apr 24 | 1.69 |
| Nov 29 | 2.68 | May 26 | 3.19 |
| Dec 29 | 2.85 | Jun 27 | 3.90 |
| Jan 29 | 2.98 | Jul 24 | 3.87 |
| Feb 26 | 3.58 | Aug 29 | 4.83 |
| Mar 24 | 3.08 | Sep 28 | 4.91 |

Water year 2007 highest: 1.69 Apr 24, 2007; lowest: 4.91 Sep 28, 2007

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

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