

Water-Data Report 2013

423441072170701 Local number Orange well ORW 63

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

Franklin County, MA

LOCATION.--Lat 42°34'41", long 72°17'07" referenced to North American Datum of 1927, Franklin County, MA, Hydrologic Unit 01080202, at Orange Airport, 100 ft along and 50 ft northwest of main entrance road to airport, off East River Street in Orange.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20.6 ft. Upper casing diameter 2 in; top of first opening 18.6 ft, bottom of last opening 20.6 ft.

DATUM.--Land-surface datum is 529 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of new well casing, 3.75 ft above land-surface datum, May 1, 1992, to present.

PERIOD OF RECORD.--January 1985 to current year. Single measurement, December 1, 1965.

GAGE.--Monthly measurement.

COOPERATION.-- Massachusetts Department of Conservation and Recreation, Office of Water Resources.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

| Date | Water level | Date | Water level |
|-------------|--------------------|-------------|--------------------|
| Nov 5 | 7.61 | Apr 17 | 7.33 |
| 27 | 7.96 | May 29 | 7.46 |
| Dec 20 | 8.20 | Jun 24 | 5.69 |
| Jan 31 | 7.94 | Jul 29 | 6.73 |
| Feb 27 | 8.08 | Aug 26 | 7.44 |
| Mar 28 | 7.37 | Sep 24 | 7.91 |

Water year 2013 highest: 5.69, Jun 24, 2013; lowest: 8.20, Dec 20, 2012

Period of record highest: 3.81, Mar 24, 2008; lowest: 8.81, Sep 27, 2010

Record available from Jan 23, 1985, to Dec 23, 2013; 343 entries

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