

Water-Data Report 2011

414420071422301 Local number Foster well FOW 40

Sand and gravel aquifers (glaciated regions)
Till

Providence County

LOCATION.--Lat 41°44'20", long 71°42'23" referenced to North American Datum of 1927, Providence County, Hydrologic Unit 01090004, Plainfield Pike in Foster.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 15.4 ft. Upper casing diameter undefined; top of first opening 15.4 ft, bottom of last opening 15.4 ft.

DATUM.--Land-surface datum is 630 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in cement cover, .57 ft above land-surface datum, July 15, 1998, to present.

PERIOD OF RECORD.--July 1953 to February 1959, April 1991 to current year.

GAGE.--Monthly measurement.

COOPERATION.--Rhode Island Department of Environmental Management; Rhode Island Water Resources Board.

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

| Date | Water level | Date | Water level |
|-------------|--------------------|-------------|--------------------|
| Oct 27 | 7.53 | Apr 26 | 3.32 |
| Nov 23 | 4.43 | May 23 | 3.75 |
| Dec 21 | 3.76 | Jun 27 | 5.41 |
| Jan 25 | 3.98 | Jul 27 | 8.39 |
| Feb 23 | 3.41 | Aug 31 | 4.42 |
| Mar 28 | 3.93 | Sep 26 | 3.53 |

Water year 2011 highest: 3.32, Apr 26, 2011; lowest: 8.39, Jul 27, 2011

Period of record highest: 1.29, May 27, 1954; lowest: 13.97, Oct 28, 1957

Record available from Jul 7, 1953, to Nov 5, 2012; 329 entries

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