



Water-Data Report 2011

414746071255601 Local number Providence well PRW 48

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

Providence County

LOCATION.--Lat 41°47'46", long 71°25'56" referenced to North American Datum of 1927, Providence County, Hydrologic Unit 01090004, at 333 Adelaide Avenue, and 800 ft northwest of Adelaide and 800 ft west of Narragansett Avenues in Providence.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 124 ft. Upper casing diameter 8.00 in; top of first opening 116 ft, bottom of last opening 124 ft.

DATUM.--Land-surface datum is 45.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of hole in center of steel cover, .48 ft above land-surface datum, Dec. 16, 1944, to present.

PERIOD OF RECORD.--September 1944 to current year.

GAGE.--Monthly measurement.

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

REMARKS.--Water level affected by pumping from one or more nearby wells prior to 1983.

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

Date	Water level	Date	Water level
Oct 26	3.37	Apr 25	2.99
Nov 22	3.19	May 23	3.11
Dec 20	3.39	Jun 27	3.08
Jan 24	3.60	Jul 26	3.45
Feb 22	3.48	Aug 31	3.35
Mar 28	3.07	Sep 26	3.26

Water year 2011 highest: 2.99, Apr 25, 2011; lowest: 3.60, Jan 24, 2011

Period of record highest: 2.12, Apr 26, 2010; lowest: 10.22, Oct 20, 1947

Record available from Sep 1, 1944, to Sep 18, 2012; 806 entries

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