



Water-Data Report 2006

**415948071325001 Local number North Smithfield well NSW 21**

Sand and gravel aquifers (glaciated regions)

Outwash

Providence County

LOCATION.--Lat 41°59'41", long 71°32'51" referenced to North American Datum of 1927, Providence County, Hydrologic Unit 01090003, 500 ft southwest of Rt. 146A, 900 ft west of intersection of Rt. 146A and Harkness Road at Branch Village in North Smithfield.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 16 ft. Upper casing diameter 24.00 in; top of first opening 16 ft, bottom of last opening 16 ft.

DATUM.--Land-surface datum is 238.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in concrete cover at top of tile casing, 1.84 ft above land-surface datum, May 21, 1947, to present.

PERIOD OF RECORD.--May 1947 to current year.

GAGE.--Monthly measurement.

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

REMARKS.--Well used for domestic supply; water levels affected by pumping, 1947-80.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Oct 24	5.97	Apr 21	7.64
Nov 28	6.19	May 22	5.66
Dec 19	6.55	Jun 23	6.86
Jan 30	6.04	Jul 24	7.98
Feb 23	7.03	Aug 25	8.93
Mar 23	7.65	Sep 27	9.02

Water year 2006 highest: 5.66 May 22, 2006; lowest: 9.02 Sep 27, 2006

Period of record highest: 3.67 Mar 26, 1969; lowest: 11.71 Oct 28, 1957

Record available from May 01, 1947, to Dec 21, 2006; 717 entries

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