

Water-Data Report 2013

**475139099484801 Local number 151-072-36AAA1**

Alluvial aquifers  
New Rockford Aquifer

Pierce County, ND

LOCATION.--Lat 47°51'39", long 99°48'48" referenced to North American Datum of 1927, Pierce County, ND, Hydrologic Unit 09020202.

**GROUNDWATER RECORDS**

PERIOD OF RECORD.--November 1967 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 320 ft, cased with 213 ft of 4-in diameter plastic pipe, screen set 213 to 238 ft below land-surface datum.

INSTRUMENTATION.--Measured using a chalked steel tape or a graduated electric tape, November 2000 to current year. Water-level recorder November 1967 to November 2000. Only intermittent low and EOM water levels, obtained from strip-chart recorders, are available from the Water Science Center office for November 1967 to July 1974. From August 1974 to November 2000, daily maximum and minimum recorded water levels also are available.

DATUM.--Altitude of land-surface datum is 1,602 ft. Measuring point: Top of casing 1.00 ft above land-surface datum.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 68.26 ft below land-surface datum, March 10-11, 1977; lowest water level, 86.32 ft below land-surface datum, August 22-27, 1992.

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

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Oct 2	77.00	Mar 27	75.45
17	76.38	May 28	75.39
Nov 6	76.14	31	75.31
21	75.91	Jun 18	75.53
Jan 3	77.73	Jul 30	76.49
Feb 13	75.50	Sep 4	77.03

Water year 2013 highest: 75.31, May 31, 2013; lowest: 77.73, Jan 3, 2013

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