

Water-Data Report 2012

484534098254401 Local number 161-060-21BBB

Upper Cretaceous aquifers
Pierre Shale

Cavalier County, ND

LOCATION.--Lat 48°45'34", long 98°25'44" referenced to North American Datum of 1927, Cavalier County, ND, Hydrologic Unit 09020313.

GROUNDWATER RECORDS

PERIOD OF RECORD.--November 1969 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 40 ft, cased with 10 ft of 4-in diameter steel pipe, open ended.

INSTRUMENTATION.--Measured using a chalked steel tape or a graduated electric tape.

DATUM.--Altitude of land-surface datum is 1,603 ft. Measuring point: Top of casing 2.00 ft above land-surface datum.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
(READINGS ABOVE LAND SURFACE INDICATED BY "+")
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Water level	Date	Water level
Oct 29	5.23	Apr 9	7.54
Dec 7	6.26	May 22	6.50
30	7.16	Jul 5	6.37
Feb 18	8.48	Aug 20	8.65

Water year 2012 highest: 5.23, Oct 29, 2011; lowest: 8.65, Aug 20, 2012

Period of record highest: +.98, Jul 23, 2007; lowest: 11.20, Mar 9, 1977

Record available from Nov 12, 1969, to Mar 13, 2013; 305 entries

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