



Water-Data Report 2009

485707100053701 Local number 163-073-11CCC1

Upper Cretaceous aquifers
Fox Hills Formation
Rolette County, ND

LOCATION.--Lat 48°57'07", long 100°05'37" referenced to North American Datum of 1927, Rolette County, ND, Hydrologic Unit 09010004.

GROUNDWATER RECORDS

PERIOD OF RECORD.--September 1978 to November 2001, April 2003 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 715 ft, cased with 406 ft of 2-in diameter steel pipe, No. 12 slot screen set 406 to 412 ft below land-surface datum.

INSTRUMENTATION.--Measured using an electric tape.

DATUM.--Altitude of land-surface datum is 2,123 ft. Measuring point: Top of casing 3.37 ft above land-surface datum.

REMARKS.--Well casing appears to have failed causing break in period of record from December 2001 to March 2003.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Dec 5	43.05	May 4	55.21
Jan 21	39.72	Jun 15	55.89
Mar 17	55.75	Jul 8	57.16

Water year 2009 highest: 39.72 Jan 21, 2009; lowest: 57.16 Jul 8, 2009

Period of record highest: 36.75 Apr 21, 2010; lowest: 63.80 Nov 23, 1992

Record available from Sep 21, 1978, to Apr 21, 2010; 138 entries

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