

Water-Data Report 2013

474814103104702 Local number 150-098-23AAB2

Sand and gravel aquifers (glaciated regions)
Cherry Creek Aquifer

McKenzie County, ND

LOCATION.--Lat 47°48'14", long 103°10'47" referenced to North American Datum of 1927, McKenzie County, ND, Hydrologic Unit 10110205.

GROUNDWATER RECORDS

PERIOD OF RECORD.--October 2001 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 120 ft, cased with 98 ft of 2-in diameter plastic pipe, No. 18 slot screen set 98 to 103 ft below land-surface datum.

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

DATUM.--Altitude of land-surface datum is 2,002.58 ft. Measuring point: Top of casing 2.45 ft above land-surface datum.

REMARKS.--Replaces well 474814103104701 (150-098-23AAB), which was inadvertently destroyed on October 12, 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.70 ft below land-surface datum, June 23, 2011; lowest water level, 10.41 ft below land-surface datum, September 11, 2007. Extremes for period of record are a combination of the original well and the replacement well.

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

Date	Water level	Date	Water level
Oct 23	8.80	Mar 27	8.13
Dec 4	8.76	Jun 19	7.09
Jan 8	8.73	Jul 29	7.99
Feb 21	8.78	Sep 16	8.42

Water year 2013 highest: 7.09, Jun 19, 2013; lowest: 8.80, Oct 23, 2012

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