

Water-Data Report 2013

462239100375601 Local number 134-079-32ADD

Alluvial aquifers
Strasburg Aquifer

Sioux County, ND

LOCATION.--Lat 46°22'39", long 100°37'56" referenced to North American Datum of 1927, Sioux County, ND, Hydrologic Unit 10130102.

GROUNDWATER RECORDS

PERIOD OF RECORD.--October 1973 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 340 ft, cased with 282 ft of 1.25-in diameter plastic pipe, No. 12 slot screen set 282 to 288 ft below land-surface datum.

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

DATUM.--Altitude of land-surface datum is 1,690 ft. Measuring point: Top of casing 1.50 ft above land-surface datum.

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

| Date | Water level | Date | Water level |
|-------------|--------------------|-------------|--------------------|
| Oct 9 | 72.34 | May 23 | 72.75 |
| Nov 16 | 72.58 | Jul 8 | 72.68 |
| Mar 6 | 72.71 | Aug 22 | 72.80 |
| Apr 9 | 72.68 | | |

Water year 2013 highest: 72.34, Oct 9, 2012; lowest: 72.80, Aug 22, 2013

Period of record highest: 72.14, May 23, 2000; lowest: 78.60, Nov 20, 1978

Record available from Oct 23, 1973, to Jan 10, 2014; 156 entries

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