

Water-Data Report 2013

472144102453402 Local number 145-095-22DAD2

Sand and gravel aquifers (glaciated regions)
Killdeer Aquifer

Dunn County, ND

LOCATION.--Lat 47°21'44", long 102°45'32" referenced to North American Datum of 1983, Dunn County, ND, Hydrologic Unit 10130201.

GROUNDWATER RECORDS

PERIOD OF RECORD.--September 1972 to current year.

WELL CHARACTERISTICS.--Drilled observation well, depth 160 ft, cased with 157 ft of 1.25-in diameter plastic pipe, No. 18 slot screen set 157 to 160 ft below land-surface datum.

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

DATUM.--Altitude of land-surface datum is 2,237 ft. Measuring point: Top of casing 2.12 ft above land-surface datum. Prior to October 1, 2012, top of casing was 2.00 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 | 8.72 | Feb 27 | 10.19 |
| 25 | 8.70 | Apr 4 | 8.90 |
| Nov 6 | 8.17 | Jun 6 | 6.51 |
| Dec 5 | 8.35 | Jul 1 | 7.40 |
| Jan 7 | 8.33 | Aug 6 | 5.60 |
| 8 | 8.69 | Sep 5 | 5.75 |
| Feb 5 | 9.20 | 25 | 5.69 |
| 21 | 9.47 | | |

Water year 2013 highest: 5.60, Aug 6, 2013; lowest: 10.19, Feb 27, 2013

Period of record highest: 3.67, May 9, 1973; lowest: 14.78, Sep 16, 2008

Record available from Sep 1, 1972, to Nov 7, 2013; 344 entries

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