



Water-Data Report 2007

424833096324701 Local number 92-48-06 DDDA

Lower Cretaceous aquifers
Dakota Group
Plymouth County, IA

LOCATION.--Lat 42°48'33", long 96°32'47" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.6, T.92 N., R.48 W., Plymouth County, IA, Hydrologic Unit 10170203, just south of the curve on State Highway 3, 1 mi south of the Town of Akron.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 581 ft. Upper casing diameter 2 in, top of first opening 430 ft, bottom of last opening 515 ft. Drilled observation artesian water well, screened 430-434 ft and 510-515 ft. Open to Paleozoic rock 576-581 ft.

DATUM.--Land-surface datum is 1,282 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 4.50 ft above land-surface datum, August 1, 1995 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--December 1979 to December 1980; May 1982 to September 2004; June 2006 to September 2006; August 2007 to September 2007.

GAGE.--Measurement with chalked tape by USGS personnel.

REMARKS.--Well D-35.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 135.73 ft below land-surface datum, February 10, 1999; lowest measured, 159.82 ft below land-surface datum, August 6, 1980.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 23	137.02	S	--	Sep 26	136.97	S	--

Water year 2007 highest: 136.97 Sep 26, 2007; lowest: 137.02 Aug 23, 2007