



Water-Data Report 2007

431613095251801 Local number 98-39-26 CDCC

Lower Cretaceous aquifers
 Dakota Group
 Osceola County, IA

LOCATION.--Lat 43°16'13", long 95°25'18" referenced to North American Datum of 1927, in SW ¼ SE ¼ SW ¼ sec.26, T.98 N., R.39 W., Osceola County, IA, Hydrologic Unit 10230003, 3.5 mi south and 2.5 mi east of the Village of May City.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 500 ft. Upper casing diameter 2 in, top of first opening 490 ft, bottom of last opening 500 ft. Drilled observation artesian water well, screened 490-500 ft.

DATUM.--Land-surface datum is 1,398 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.70 ft above land-surface datum, June 17, 1980 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--June 1980 to September 2004; June 2006 to September 2006; August 2007 to September 2007.

GAGE.--Measurement with chalked tape or electric line by USGS personnel.

REMARKS.--Well D-39.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 189.99 ft below land-surface datum, June 17, 1980; lowest measured, 211.68 below land-surface datum, August 15, 2007.

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

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

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 15	211.68	S	--	Sep 24	195.39	E	--

Water year 2007 highest: 195.39 Sep 24, 2007; lowest: 211.68 Aug 15, 2007