



Water-Data Report 2007

420129093273701 Local number 83-22-06 CDBD

Cambrian-Ordovician aquifer system
 Ordovician-Cambrian Systems
 Story County, IA

LOCATION.--Lat 42°01'30", long 93°27'33" referenced to North American Datum of 1927, in NW ¼ SE ¼ SW ¼ sec.6, T.83 N., R.22 W., Story County, IA, Hydrologic Unit 07080105, approximately 1 mi north of U.S. Highway 30, near First Street and N Avenue in the City of Nevada.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 2,630 ft. Upper casing diameter undefined, top of first opening undefined, bottom of last opening undefined. Drilled well, open hole 2,015-2,630 ft.

DATUM.--Land-surface datum is 991 ft above National Geodetic Vertical Datum of 1929. Measuring point: undefined. Land-surface datum from topographic map.

PERIOD OF RECORD.--February 1997 to September 2004; June 2006 to September 2007; August 2007 to September 2007.

GAGE.--Measurement with airline by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 295 ft below land-surface datum, February 8, 1999; lowest measured, 425 ft below land-surface datum, August 15, 2007.

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

[Measurement method: A, airline. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 15	425	A	--	Sep 24	370	A	--

Water year 2007 highest: 370 Sep 24, 2007; lowest: 425 Aug 15, 2007