



Water-Data Report 2007

422812094383501 Local number 88-32-01 BACD

Sand and gravel aquifers (glaciated regions)
 Pleistocene Series
 Calhoun County, IA

LOCATION.--Lat 42°28'12", long 94°38'35" referenced to North American Datum of 1927, in SW ¼ NE ¼ NW ¼ sec.1, T.88 N., R.33 W., Calhoun County, IA, Hydrologic Unit 07100006, located approximately 4.5 mi north of Rockwell City, in a trailer park at the south end of North Twin Lake in Twin Lakes State Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 53 ft. Upper casing diameter undefined, top of first opening undefined, bottom of last opening undefined. Dug unused water-table well, casing interval unknown.

DATUM.--Land-surface datum is 1,222 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.96 ft above land-surface datum, May 9, 1997 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--May 1989 to September 2004; June 2006 to September 2006; August 2007 to September 2007.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.86 ft below land-surface datum, April 19, 1991; lowest measured, 16.96 ft below land-surface datum, February 28, 1990.

**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 14	6.98	S	--	Sep 26	5.49	S	--

Water year 2007 highest: 5.49 Sep 26, 2007; lowest: 6.98 Aug 14, 2007