



Water-Data Report 2007

405841095012702 Local number 71-36-06 DADA2

Sand and gravel aquifers (glaciated regions)

Pleistocene Series

Montgomery County, IA

LOCATION.--Lat 40°58'42", long 95°01'25" referenced to North American Datum of 1927, in SE ¼ NE ¼ SE ¼ sec.6, T.71 N., R.36 W., Montgomery County, IA, Hydrologic Unit 10240009, located east of dam at Viking Lake State Park, approximately 0.3 mi south of State Highway 34 on the west side of road.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 36 ft. Upper casing diameter 2 in, top of first opening 33 ft, bottom of last opening 36 ft. Drilled observation water-table well, screened 33-36 ft.

DATUM.--Land-surface datum is 1,081 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.28 ft above land-surface datum, June 24, 1989 to present. Land-surface datum from topographic map.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.51 ft below land-surface datum, September 9, 1989; lowest measured, 18.65 ft below land-surface datum, June 13, 1989.

**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 21	16.48	S	--	Sep 24	15.77	S	--

Water year 2007 highest: 15.77 Sep 24, 2007; lowest: 16.48 Aug 21, 2007