



Water-Data Report 2007

404150091483001 Local number 68-08-08 CDD

Other aquifers
Mississippian System
Van Buren County, IA

LOCATION.--Lat 40°41'53", long 91°48'20" referenced to North American Datum of 1927, in SE ¼ SE ¼ SW ¼ sec.8, T.68 N., R.8 W., Van Buren County, IA, Hydrologic Unit 07100009, located at the west end of the park in the City of Bonaparte, south of County Highway J40.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 205 ft. Upper casing diameter 6 in, top of first opening 18 ft, bottom of last opening 205 ft. Drilled unused semi-confined well, cased to 18 ft, open hole 18-205 ft.

DATUM.--Land-surface datum is 552 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.06 ft above land-surface datum, May 21, 1996 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1988 to September 2004; August 2005; June 2006 to September 2006; August 2007.

GAGE.--Measurement with chalked tape by USGS personnel. Graphic water-level recorder December 1988 to July 1990.

REMARKS.--Recorder removed July 17, 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.08 ft below land-surface datum, August 10, 1993; lowest measured, 32.13 ft below land-surface datum, August 16, 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	Measurement method	Water level status
Aug 24	20.15	S	--