



Water-Data Report 2007

**414806090212301 Local number 81-05E-22 DDD**

Silurian-Devonian aquifers  
Alexanderian Series  
Clinton County, IA

LOCATION.--Lat 41°48'03", long 90°21'26" referenced to North American Datum of 1927, in SE ¼ SE ¼ SE ¼ sec.22, T.81 N., R.5 E., Clinton County, IA, Hydrologic Unit 07080101, approximately 1 mile south of the intersection of U.S. Interstate 30 and County Highway Z36, on the northwest corner of intersection.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 322 ft. Upper casing diameter 8 in, top of first opening 85 ft, bottom of last opening 322 ft. Drilled well, open hole 85-322 ft.

DATUM.--Land-surface datum is 651 ft above National Geodetic Vertical Datum of 1929. Measuring point: base of vent pipe, 1.12 ft above land-surface datum, August 2001 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1997 to September 2004; August 2005; June 2006 to September 2006; August 2007.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.61 ft below land-surface datum, August 23, 2007; lowest measured, 30.50 ft below land-surface datum, May 3, 1999.

**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 23	19.61	S	--