



Water-Data Report 2007

**430200092435303 Local number 95-16-22 BCBC3**

Silurian-Devonian aquifers  
Devonian System  
Floyd County, IA

LOCATION.--Lat 43°02'02", long 92°43'55" referenced to North American Datum of 1927, in NW ¼ SW ¼ NW ¼ sec.22, T.95 N., R.16 W., Floyd County, IA, Hydrologic Unit 07080201, approximately 2 mi southwest of Charles City, 1.7 mi south of State Highway 14 on County Highway T47.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 103 ft. Upper casing diameter 1 in, top of first opening 93 ft, bottom of last opening 103 ft. Drilled observation well, screened 93-103 ft.

DATUM.--Land-surface datum is 1,105 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.94 ft above land-surface datum, August 4, 1992 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1992 to September 2004; June 2006 to September 2006; August 2007.

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

REMARKS.--Well FM-3 (1).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.01 ft below land-surface datum, November 1, 1994; lowest measured, 92.06 ft below land-surface datum, February 4, 2004.

**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 22	75.82	S	--