



Water-Data Report 2007

432156092484102 Local number 99-17-23 DAA2

Silurian-Devonian aquifers
Devonian System
Mitchell County, IA

LOCATION.--Lat 43°22'42", long 92°48'41" referenced to North American Datum of 1927, in NE ¼ NE ¼ SE ¼ sec.23, T.99 N., R.17 W., Mitchell County, IA, Hydrologic Unit 07080201, approximately 4 mi southwest of Staceyville, at the intersection of State Highway 218 and County Highway T40.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 70 ft. Upper casing diameter 1 in, top of first opening 58 ft, bottom of last opening 70 ft. Drilled observation well, screened 58-70 ft.

DATUM.--Land-surface datum is 1,210 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.58 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-2 (1).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.89 ft below land-surface datum, August 23, 1993; lowest measured, 14.07 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	11.79	S	--