



Water-Data Report 2007

420730091490402 Local number 85-08-31 DDCD2

Silurian-Devonian aquifers
Devonian-Silurian Systems

Linn County, IA

LOCATION.--Lat 42°07'29", long 91°49'01" referenced to North American Datum of 1927, in SW ¼ SE ¼ SE ¼ sec.31, T.85 N., R.8 W., Linn County, IA, Hydrologic Unit 07080205, at the fenced north end of Pleasant Creek Reservoir near the beach house in the beach area.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 205 ft. Upper casing diameter 5.19 in, top of first opening 52 ft, bottom of last opening 205 ft. Drilled observation artesian well, open hole 52-205 ft.

DATUM.--Land-surface datum is 833 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.38 ft above land-surface datum, June 9, 1987 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--May 1975 to May 1980; April 1984 to September 2004; June 2006 to September 2006; August 2007.

GAGE.--Measurement with chalked tape by USGS personnel. Graphic water-level recorder May 1975 to December 1979.

REMARKS.--Pleasant Creek Reservoir/Devonian well. Records for May 1975 to September 1989 are unpublished and available in the Iowa Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.60 ft below land-surface datum, May 31, 1991; lowest measured, 48.55 ft below land-surface datum, November 12, 1976.

**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 21	20.62	S	--