



Water-Data Report 2007

410248094324801 Local number 72-32-09 CCBB

Sand and gravel aquifers (glaciated regions)
 Pleistocene Series
 Adams County, IA

LOCATION.--Lat 41°02'48", long 94°32'48" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec.9, T.72 N., R.32 W., Adams County, IA, Hydrologic Unit 10240010, on the east side of county highway, approximately 4 mi northeast of the City of Prescott.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 136 ft. Upper casing diameter 2 in, top of first opening 130 ft, bottom of last opening 136 ft. Drilled observation water-table well, screened 130-136 ft, gravel-packed.

DATUM.--Land-surface datum is 1,220 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.65 ft above land-surface datum, August 8, 1988 to present. Land-surface datum from topographic map.

PERIOD OF RECORD.--August 1988; June 1990; November 1992 to September 2004; June 2006 to September 2006; August 2007 to September 2007.

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

REMARKS.--Well SW-83.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.59 ft below land-surface datum, August 8, 1988; lowest measured, 5.75 ft below land-surface datum, August 6, 2003.

**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	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Aug 21	5.47	S	--	Sep 24	5.40	S	--

Water year 2007 highest: 5.40 Sep 24, 2007; lowest: 5.47 Aug 21, 2007