

411511091155101 Local number 075N04W36DBC 1997NAWQA obs/Louisa County

Sand and gravel aquifers (glaciated regions)
Holocene Alluvium

Louisa County, IA

LOCATION.--Lat 41°15'10.6", long 91°15'50.6" referenced to North American Datum of 1983, in SW ¼ NW ¼ SE ¼ sec.36, T.75 N., R.4 W., Louisa County, IA, Hydrologic Unit 07080209, 0.2 mi south from intersection of N Avenue and 140th Street, and 4.2 mi southeast of Columbus Junction.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18.5 ft. Upper casing diameter 2 in; top of first opening 13.5 ft, bottom of last opening 18.5 ft. Drilled observation well, cased to 13.5 ft, screened from 13.5 to 18.5 ft. All depths below land-surface datum.

DATUM.--Land-surface datum is 590.16 ft above North American Vertical Datum of 1988. Measuring point: top of casing, 1.61 ft above land-surface datum, July 14, 2009, to present. Land-surface datum from lidar digital elevation model.

PERIOD OF RECORD.--Water years 1997, 1999, 2005, 2007, 2009-2012.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: S, steel tape.

Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Aug 1	9.89	S	--