



Water-Data Report 2012

03331440 LAKE MAXINKUCKEE AT CULVER, IN

Wabash River Basin

LOCATION.--Lat 41°11'48", long 86°25'00" referenced to North American Datum of 1927, in NE ¼ SE ¼ NW ¼ sec.28, T.32 N., R.1 E., Marshall County, IN, Hydrologic Unit 05120106, the gage is on the lower west side of the lake, at the public access site, 50 ft north of boat ramp, 1.4 mi south of the center of Culver.

DRAINAGE AREA.--13.7 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1943 to current year.

GAGE.--A water-stage recorder is installed in an aluminum shelter over a 15-inch diameter stilling well.

DATUM OF GAGE.--730.00 ft above National Geodetic Vertical Datum of 1929.

SURFACE AREA.--1,864 acres.

ESTABLISHED LEGAL LEVEL.--3.12 ft gage datum or 733.12 ft above National Geodetic Vertical Datum of 1929 as decreed on August 9, 1948, by the Marshall County Circuit Court.

LAKE-LEVEL CONTROL.--The level of the lake is controlled by a concrete dam with a fixed crest at the outlet channel.

INLET AND OUTLET.--Wilson Ditch enters the lake at the northeast corner, Curtiss Ditch enters at the east center, and Norris Inlet enters at the southeast corner. The outlet leaves the lake at the western shore, north of the point, and flows into Lost Lake 1,600 ft downstream, thence into the Tippecanoe River.

EXTREMES FOR PERIOD OF RECORD.--Maximum stage, 5.48 ft June 14, 15, 1981; minimum stage, 2.12 ft Nov. 19, 1953 and Nov. 19, 1956.

**GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	3.14	3.15	3.38	3.57	3.84	3.63	3.34	---	2.94	2.75	2.73	2.68
10	3.13	3.16	3.34	3.53	3.78	3.58	3.28	---	2.91	2.67	2.63	2.63
15	3.12	3.18	3.61	3.50	3.72	3.56	3.19	---	2.80	2.56	2.61	2.58
20	3.27	3.13	3.64	3.66	3.69	3.55	3.20	---	2.81	2.65	2.59	2.49
25	3.25	3.19	3.59	3.77	3.66	3.54	---	3.00	2.74	2.68	2.55	2.41
Eom	3.20	3.34	3.60	3.83	3.64	3.39	---	2.96	2.72	2.63	2.57	2.39
Mean	3.18	3.18	3.50	3.64	3.73	3.55	---	---	2.83	2.66	2.62	2.55
Max	3.27	3.34	3.64	3.85	3.84	3.66	---	---	2.96	2.77	2.73	2.69
Min	3.10	3.13	3.31	3.49	3.60	3.39	---	---	2.67	2.53	2.55	2.39

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