



Water-Data Report 2013

05516200 LAKE OF THE WOODS NEAR BREMEN, IN

Illinois River Basin

LOCATION.-- Lat 41°25'02", long 86°13'43" referenced to North American Datum of 1927, in SW ¼ NW ¼ NW ¼ sec.7, T.34 N., R.3 E., Marshall County, IN, Hydrologic Unit 07120001, the gage is on the southwest shore of the lake, at the public access site, and 4.7 mi southwest of Bremen.

DRAINAGE AREA.-- 9.45 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.-- 1945 to current year.

GAGE.-- A water-stage recorder is installed in an aluminum shelter over a 15-inch diameter stilling well. An auxiliary staff gage is driven into the outlet channel.

DATUM OF GAGE.-- 800.00 ft above National Geodetic Vertical Datum of 1929

SURFACE AREA.-- 416 acres.

ESTABLISHED LEGAL LEVEL.-- 3.85 ft gage datum or 803.85 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 13 ft by 1 ft notch. The dam is equipped with a lift gate.

INLET AND OUTLET.-- Three ditches, Kimble, Martin, and Seltenright, enter the lake on the northwest shore. Scofield Ditch enters at the west lobe. The outlet, Clark Ditch, flows from the lake at the southern end and eventually into Yellow River.

EXTREMES FOR PERIOD OF RECORD.-- Maximum stage, 7.68 ft Oct. 12, 1954; minimum stage, 2.58 ft Jul. 18, 2012.

**GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
5	2.71	2.84	2.92	3.01	3.48	3.37	3.16	3.34	3.94	4.12	4.00	3.83
10	2.65	2.84	2.94	3.02	3.34	3.37	3.18	3.23	3.97	4.07	4.10	3.79
15	2.71	2.86	2.94	3.38	3.35	3.54	3.51	3.15	4.31	3.97	3.97	3.67
20	2.83	2.86	3.06	3.24	3.26	3.38	4.24	3.20	4.05	3.91	3.93	3.47
25	2.86	2.85	3.10	3.14	3.19	3.27	3.88	3.26	4.01	3.98	3.90	3.19
Eom	2.85	2.84	3.06	3.75	3.29	3.21	3.55	3.70	4.27	3.93	3.88	3.07
Mean	2.76	2.85	2.99	3.20	3.36	3.36	3.59	3.30	4.10	4.02	3.98	3.54
Max	2.88	2.87	3.12	3.75	3.71	3.59	4.35	3.70	4.43	4.23	4.18	3.88
Min	2.62	2.84	2.84	3.00	3.19	3.21	3.14	3.14	3.87	3.89	3.88	3.07

Water Year 2013	
Mean	3.42
Max	4.43
Min	2.62

05516200 LAKE OF THE WOODS NEAR BREMEN, IN—Continued

