

Water-Data Report 2007

04097187 LONG LAKE NEAR KALAMAZOO, MI

Southeastern Lake Michigan Basin
St. Joseph Subbasin

LOCATION.--Lat 42°11'45", long 85°31'03" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.19, T.3 S., R.10 W., Kalamazoo County, MI, Hydrologic Unit 04050001, on east side of lake, 1.7 mi southeast of Portage, and 5 mi south of Kalamazoo.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1958 to March 1963, December 1963 to December 1970, September 1998 to December 2006 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 847.59 ft above sea level (City of Portage bench mark). Prior to March 2000, nonrecording gage at different datums.

REMARKS.--The channel connecting Long Lake and Austin Lake is both an inlet and an outlet, depending on relative lake levels. Under natural conditions with fairly high water levels, flow will be from Long to Austin Lake. In recent years, the levels of Austin and West Lakes have been raised by water diverted from Gourdneck Creek plus water piped to Austin Lake from the nearby Pfizer recharge ponds. Under these conditions flow has been from Austin to Long Lake. During the drought years of 1963-64, the channel was dry.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.92 ft, June 12, 13, 2004; minimum, 2.63 ft, Apr. 7, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height during period October to December 2006, 8.20 ft, Dec. 31; minimum, 7.70 ft, Oct. 1, 2.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.71	7.98	8.04	---	---	---	---	---	---	---	---	---
2	7.74	7.96	8.05	---	---	---	---	---	---	---	---	---
3	7.79	7.95	8.04	---	---	---	---	---	---	---	---	---
4	7.81	7.94	---	---	---	---	---	---	---	---	---	---
5	7.81	7.92	---	---	---	---	---	---	---	---	---	---
6	7.80	7.91	8.04	---	---	---	---	---	---	---	---	---
7	7.79	7.91	---	---	---	---	---	---	---	---	---	---
8	7.79	7.91	---	---	---	---	---	---	---	---	---	---
9	7.79	7.90	---	---	---	---	---	---	---	---	---	---
10	7.78	7.89	8.02	---	---	---	---	---	---	---	---	---
11	7.79	7.94	8.02	---	---	---	---	---	---	---	---	---
12	7.81	7.93	8.06	---	---	---	---	---	---	---	---	---
13	7.81	7.91	8.10	---	---	---	---	---	---	---	---	---
14	7.81	7.91	8.09	---	---	---	---	---	---	---	---	---
15	7.79	7.90	8.10	---	---	---	---	---	---	---	---	---
16	7.79	7.94	8.10	---	---	---	---	---	---	---	---	---
17	7.88	7.98	8.10	---	---	---	---	---	---	---	---	---
18	7.89	7.98	8.09	---	---	---	---	---	---	---	---	---
19	7.91	7.97	8.09	---	---	---	---	---	---	---	---	---
20	7.91	7.96	8.10	---	---	---	---	---	---	---	---	---
21	7.92	7.95	8.10	---	---	---	---	---	---	---	---	---
22	7.94	7.94	8.13	---	---	---	---	---	---	---	---	---
23	7.94	7.93	8.14	---	---	---	---	---	---	---	---	---
24	7.96	7.92	8.15	---	---	---	---	---	---	---	---	---
25	7.96	7.91	8.15	---	---	---	---	---	---	---	---	---
26	7.96	7.91	8.15	---	---	---	---	---	---	---	---	---
27	7.98	7.90	8.14	---	---	---	---	---	---	---	---	---
28	7.98	7.89	8.14	---	---	---	---	---	---	---	---	---
29	7.99	7.89	8.13	---	---	---	---	---	---	---	---	---
30	7.98	7.96	8.13	---	---	---	---	---	---	---	---	---
31	7.98	---	8.15	---	---	---	---	---	---	---	---	---
Mean	7.86	7.93	---	---	---	---	---	---	---	---	---	---
Max	7.99	7.98	---	---	---	---	---	---	---	---	---	---
Min	7.71	7.89	---	---	---	---	---	---	---	---	---	---

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