

LEVEL *news*



Great Lakes - St. Lawrence River Water Levels

Volume 13, Number 7

July 7, 2005

Water Supply Conditions reflected in Water Level Changes

Above average precipitation led to above average water supplies to Lake Superior during June. Conversely, below average rains contributed to below average supplies to the remaining lakes. This difference in supply conditions is reflected in the water levels changes that were experienced on each of the Great Lakes during June.

The above average water supply to Lake Superior caused its level to increase 2 cm more than average during June, while below average supply conditions caused the level of Lakes Michigan-Huron to rise 4 cm

less than average during the month. Further downstream, below average supplies meant levels on lakes Erie and Ontario declined 10 and 6 cm, respectively, during June. On average, water levels have increased 1 cm on Lake Erie and declined 1 cm on Lake Ontario during June.

Conditions relative to average continue to change from one month to the next. As indicated in the summary table provided below, water levels on all of the Great Lakes are now below their respective average (1918-2004) for this time of year. The level of Lake Superior is still several centimetres

higher than one year ago, but levels on the other lakes are now lower than they were at the same time last year.

Water Level Outlook

Levels on Lake Superior are expected to continue to rise during July, while the level of Lakes Michigan-Huron is expected to remain about the same. Water levels on lakes St. Clair, Erie and Ontario are expected to continue to decline during July.

Water levels on all of the Great Lakes are expected to remain above Chart Datum throughout the summer and early fall. Levels on lakes **(continued on next page)**

Great Lakes Water Level Information

| Lake | June 2005 Monthly Mean Level | | Beginning of July 2005 Level | |
|----------------|---|--------------------------|--|--------------------------|
| | Compared to Monthly Average (1918-2004) | Compared to One Year Ago | Compared to Beginning-of-Month Average (1918-2004) | Compared to One Year Ago |
| Superior | 7 cm below | 4 cm above | 5 cm below | 7 cm above |
| Michigan-Huron | 37 cm below | 10 cm below | 38 cm below | 13 cm below |
| St. Clair | 11 cm below | 6 cm below | 11 cm below | 6 cm below |
| Erie | same | 4 cm below | 4 cm below | 8 cm below |
| Ontario | 3 cm below | 12 cm below | 5 cm below | 12 cm below |

Superior, Michigan-Huron and Ontario could, however, fall below Chart Datum late in the year if dry conditions continue to persist.

Meeting Reminders

Lakes Superior and Michigan-Huron

The International Lake Superior Board of Control (Board) invites you to participate in a two-city meeting with the public during the evening of **July 12, 2005**. The meeting is scheduled to begin at 7:00 p.m.

You may participate from either of these local meeting sites:

Midland, Ontario

North Simcoe Sports and Recreation Centre
527 Len Self Boulevard,
Midland, Ontario L4R 5N6

Sault Ste. Marie, Michigan

Cisler Student and Conference Center

FOR MORE INFORMATION:

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Editor, Chuck Southam

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June Precipitation over the Great Lakes

As a percentage of the long-term June average:

| | | | |
|-----------------------------|-------------|-----------------------------------|------------|
| Great Lakes Basin | 76% | Lake Erie | 48% |
| Lake Superior | 108% | (including Lake St. Clair) | |
| Lakes Michigan-Huron | 68% | Lake Ontario | 72% |

NOTE: These figures are preliminary

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650 W. Easterday Ave.
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49783-1626

In order to facilitate logistical arrangements, please RSVP to one of the Board secretaries below as soon as possible.

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Lake Ontario and the St. Lawrence River

The series of public meetings scheduled by the International Lake Ontario - St. Lawrence River Study Board continues in

July. Please refer to the meeting notice attached at the end of last month's edition of LEVELnews or visit the Study's website at: www.losl.org/calendar/calendar-e.html for detailed information on meeting locations and times.

June Outflows from the Great Lakes

As a percentage of the long-term June average:

| | | | |
|----------------------|-------------|---------------------|------------|
| Lake Superior | 101% | Lake Erie | 99% |
| Lake Huron | 87% | Lake Ontario | 99% |

NOTE: These figures are preliminary