



**US Army Corps
of Engineers**

North Central Division

**GREAT LAKES LEVELS
UPDATE No. 52
NOVEMBER 3, 1989**

Rainfall in the Great Lakes basin was below average in October. Lake Ontario's basin received more than its average amount of precipitation while all of the other basins received less than average amounts. Seven of the ten months of 1989 have had below average precipitation basin-wide. The following table shows estimated precipitation for the month of October.

Basin	Provisional Great Lakes Precipitation (inches)			% of Ave.
	1989*	1900-88 Average	Diff.	
Superior	2.2	2.7	-0.5	80%
Mich-Huron	2.7	2.8	-0.1	95%
Erie	2.2	2.7	-0.5	80%
Ontario	4.0	3.0	+1.0	130%
Great Lakes	2.6	2.7	-0.1	95%

* Estimated

The National Weather Service is forecasting average precipitation in November for all of the Great Lakes basin except the eastern half of Lake Ontario's basin, for which above-average precipitation is forecast. November's temperature forecast is for below-average throughout the basin, except Lake Ontario, for which near-average temperatures are forecast.

The water levels of Lakes Superior and Michigan-Huron are below average for this

time of year, Lake Erie levels are above average, and Lakes St. Clair and Ontario are near average. All of the Lakes are in their seasonal decline towards their winter lows.

The Phase I Progress Report from the Project Management Team (PMT) on the Great Lakes - St. Lawrence River Levels Reference Study has been released by the International Joint Commission (IJC). The IJC will receive written comments on the Phase I Progress Report, in addition to entertaining suggestions on approaches to Phase II of the study, through the end of November. In Canada, send your comments to the International Joint Commission, 100 Metcalfe Street, 18th floor, Ottawa, Ontario K1P 5M1. In the United States, send your comments to the International Joint Commission, 2001 S Street NW, Second Floor, Washington, DC 20440.

This is my first monthly update since taking command of the Corps of Engineers' North Central Division. I hope that these updates will continue to be beneficial to you.

JUDE W. P. PATIN

Brigadier General, USA
Commanding