

LEVEL *news*



Great Lakes - St. Lawrence River Water Levels

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Daily Water Levels Declined on All Lakes during February

Winter continued its grip on the Great Lakes region during February. The persistent cold temperatures experienced throughout the month led to significant evaporation of water off the lakes, resulting in lake-effect snowsqualls in traditional snowbelt areas and a decline in water levels on each of the Great Lakes. The extent of ice cover on the lakes also increased significantly during February.

Daily water levels declined by several centimetres on each of the lakes during February. The level of Lake Superior fell 8 cm from the beginning to the end of February, which is 3 cm more than its period-of-

February Precipitation Over the Great Lakes *

Great Lakes Basin	66%	Lake Erie	53%
Lake Superior	60%	(including Lake St. Clair)	
Lakes Michigan-Huron	76%	Lake Ontario	57%

February Outflows From the Great Lakes *

Lake Superior	72%	Lake Erie	106%
Lakes Huron	92%	Lake Ontario	118%

* As a percentage of the long-term February average.
NOTE: These figures are preliminary

record average decline for the month. Water levels fell 8 cm on Lakes Michigan-Huron – much more than its average decline of just 1 cm during the month. Water levels on lakes Erie and Ontario declined by 13 and 16 cm, respectively, instead of increasing 2 or 3 cm as they have on average during February.

For the complete range of probable water levels on each lake over the next six months, please refer to the February 2007 edition of the Monthly Water Level Bulletin found at: <http://chswwww.bur.dfo.ca/danp/>.

Great Lakes Water Level Information

Lake	February 2007 Monthly Mean Level		Beginning of March 2007 Level	
	Compared to Monthly Average (1918-2006)	Compared to One Year Ago	Compared to Beginning-of-Month Average (1918-2006)	Compared to One Year Ago
Superior	45 cm below	35 cm below	47 cm below	35 cm below
Michigan-Huron	40 cm below	1 cm below	40 cm below	same
St. Clair	7 cm above	6 cm above	12 cm below	10 cm below
Erie	25 cm above	15 cm above	19 cm above	11 cm above
Ontario	38 cm above	11 cm above	26 cm above	2 cm above



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