



LEVELnews

Great Lakes – St. Lawrence River Water Levels

Wet Conditions Continue in June

Following a wet May, water supplies to each of the Great Lakes were above average again in June. The wet conditions were especially notable on the upper Great Lakes.

For the third consecutive month, water supplies on both Lake Superior and Lake Michigan–Huron were well above average. The above-average supplies on Lake Superior were offset somewhat by above-average outflows, and this resulted in the lake's level rising by 9 cm in June, just

slightly more than its 1918–2013 period-of-record average June rise of 8 cm. On Lake Michigan–Huron the above-average inflows from Lake Superior combined with the above-average water supplies the lake received from its own basin resulted in the lake's level increasing by 11 cm during June; nearly double its average June rise of 6 cm and the tenth highest June rise on record. Lake Erie rose by 2 cm, twice its average June increase of 1 cm, while on Lake Ontario despite above-average water supplies, above-average

outflows resulted in the lake falling by 2 cm, twice its average June decline of 1 cm.

The monthly mean level at Montreal Harbour was 34 cm above the 1967–2013 period-of-record June average and 31 cm higher than the harbour's June level last year.

For a graphical representation of recent and forecasted water levels on each of the Great Lakes, Lake St. Clair and Montreal Harbour, compared to their respective period-of-record **(continued on next page)**

Great Lakes Water Level Information				
Lake	June 2014 Monthly Mean Level		Beginning-of-July 2014 Level	
	Compared to Monthly Average (1918–2013)	Compared to One Year Ago	Compared to Beginning-of-Month Average (1918–2013)	Compared to One Year Ago
Superior	16 cm above	34 cm above	15 cm above	31 cm above
Michigan–Huron	16 cm below	33 cm above	12 cm below	36 cm above
St. Clair	5 cm above	22 cm above	8 cm above	14 cm above
Erie	7 cm above	17 cm above	9 cm above	11 cm above
Ontario	12 cm above	7 cm above	12 cm above	Same

monthly averages and extreme levels, please refer to the June 2014 edition of the Canadian Hydrographic Service's monthly water levels bulletin found at: tides-marees.gc.ca/C&A/bulletin-eng.html.

Real-Time Water Levels

The Canadian Hydrographic Service (CHS) operates a network of announcing gauges at its stations on the Great Lakes and St. Lawrence River. The following stations can be accessed by telephone at the number listed:

Lake Superior	Thunder Bay	(807) 344-3141
	Rosspoint	(807) 824-2250
	Michipicoten	(705) 856-0077
	Gros Cap	(705) 779-2052
St. Marys River	above the lock	(705) 949-2066
	below the lock	(705) 254-7989
North Channel	Thessalon	(705) 842-2215
	Little Current	(705) 368-3695
Georgian Bay	Parry Sound	(705) 746-6544
	Midland	(705) 526-6413
	Collingwood	(705) 445-8737
Lake Huron	Tobermory	(519) 596-2085
	Goderich	(519) 524-8058
St. Clair River	Point Edward	(519) 344-0263
	Port Lambton	(519) 677-4092
Lake St. Clair	Belle River	(519) 728-2882
Detroit River	Amherstburg	(519) 736-4357
Lake Erie	Bar Point	(519) 736-7488
	Kingsville	(519) 733-4417
	Erieau	(519) 676-1915
	Port Stanley	(519) 782-3866
	Port Dover	(519) 583-2259
	Port Colborne	(905) 835-2501
Lake Ontario	Port Weller	(905) 646-9568
	Burlington	(905) 544-5610
	Toronto	(416) 868-6026
	Cobourg	(905) 372-6214
	Kingston	(613) 544-9264
St. Lawrence River	Brockville	(613) 345-0095
	Iroquois above lock	(613) 652-4426
	Iroquois below lock	(613) 652-4839
	Morrisburg	(613) 543-3361
	Cornwall	(613) 930-9373
	Summerstown	(613) 931-2089

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ISSN 1925-5713

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Please contact the CHS office in Burlington (905) 336-4844 (during office hours 08:00 to 16:00) or by fax (905) 336-8916 or by e-mail CATCWL@dfo-mpo.gc.ca to report any problems.

June Precipitation over the Great Lakes*

Great Lakes Basin	135%	Lake Erie	109%
Lake Superior	157%	(including Lake St. Clair)	
Lake Michigan–Huron	130%	Lake Ontario	127%

June Outflows from the Great Lakes*

Lake Superior	122%	Lake Erie	100%
Lake Michigan–Huron	98%	Lake Ontario	110%

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