



Great Lakes Daily Precipitation



The US Army Corps of Engineers collects and disseminates this daily precipitation data for the Great Lakes. All data are provisional, may contain missing observations, and are subject to change. Data are calculated from the best available US and Canadian observations at the time of posting. All precipitation data are preliminary. Precipitation data are stored in millimeters and converted to inches for display (see page two for millimeters).

Date	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
01-DEC-18	0.01	0.27	0.05	0.16	0.28	0.17	0.13
02-DEC-18	0.10	0.21	0.56	0.39	0.14	0.30	0.27
03-DEC-18	0.00	0.01	0.06	0.04	0.06	0.10	0.04
04-DEC-18	0.00	0.00	0.01	0.01	0.00	0.00	0.00
05-DEC-18	0.04	0.02	0.06	0.04	0.01	0.01	0.03
06-DEC-18	0.02	0.01	0.09	0.05	0.06	0.09	0.05
07-DEC-18	0.00	0.00	0.02	0.01	0.01	0.01	0.01
08-DEC-18	0.00	0.00	0.02	0.01	0.00	0.02	0.01
09-DEC-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10-DEC-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11-DEC-18	0.00	0.00	0.03	0.02	0.00	0.02	0.01
12-DEC-18	0.00	0.02	0.01	0.01	0.01	0.00	0.01
13-DEC-18	0.02	0.04	0.00	0.02	0.01	0.01	0.02
14-DEC-18	0.01	0.07	0.10	0.09	0.06	0.08	0.06
15-DEC-18	0.00	0.00	0.00	0.00	0.09	0.00	0.01
16-DEC-18	0.01	0.00	0.00	0.00	0.02	0.04	0.01
17-DEC-18	0.00	0.00	0.00	0.00	0.00	0.02	0.00
18-DEC-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19-DEC-18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20-DEC-18	0.14	0.04	0.11	0.08	0.42	0.29	0.17
21-DEC-18	0.02	0.04	0.35	0.20	0.20	0.64	0.20
22-DEC-18	0.01	0.00	0.00	0.00	0.01	0.04	0.01
23-DEC-18	0.04	0.01	0.03	0.02	0.00	0.00	0.02
24-DEC-18	0.00	0.00	0.04	0.02	0.01	0.06	0.02
25-DEC-18	0.01	0.00	0.01	0.01	0.00	0.01	0.01
26-DEC-18	0.00	0.00	0.03	0.02	0.00	0.00	0.01
27-DEC-18	0.71	0.28	0.22	0.25	0.20	0.06	0.35
28-DEC-18	0.10	0.05	0.19	0.12	0.06	0.27	0.13
29-DEC-18	0.00	0.01	0.01	0.01	0.02	0.01	0.01
30-DEC-18	0.01	0.00	0.02	0.01	0.02	0.07	0.02
31-DEC-18	0.06	0.39	0.37	0.38	0.75	0.70	0.38
Accumulation:	1.31	1.47	2.39	1.97	2.44	3.02	1.99
Month to Date (MTD) Accumulated Precipitation as Compared to Historical Averages*							
DECEMBER	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
MTD AVG**:	2.04	1.97	2.72	2.36	2.68	2.97	2.39
% of MTD AVG***:	64%	75%	89%	83%	90%	101%	83%
Historic Precipitation*							
DECEMBER	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
Average:	2.04	1.97	2.72	2.36	2.68	2.97	2.39
Maximum:	3.59	4.48	5.57	5.01	6.31	5.50	4.43
Minimum:	0.35	0.52	0.61	0.57	0.83	1.06	0.66

* Period of Record - 1900-2016

** Historic Precipitation for the Month ÷ Total Number of Days in the Month × Day of the Month to Date

*** Accumulated Precipitation for the Month ÷ (Historic Precipitation for the Month ÷ Total Number of Days in the Month × Day of the Month to Date) × 100



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Date	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
01-DEC-18	0.1	6.8	1.3	3.9	7.0	4.2	3.4
02-DEC-18	2.5	5.4	14.3	10.0	3.4	7.7	6.8
03-DEC-18	0.1	0.2	1.5	0.9	1.4	2.4	0.9
04-DEC-18	0.0	0.1	0.3	0.2	0.1	0.1	0.1
05-DEC-18	1.0	0.5	1.5	1.0	0.2	0.2	0.8
06-DEC-18	0.6	0.2	2.3	1.3	1.4	2.2	1.2
07-DEC-18	0.1	0.1	0.6	0.4	0.2	0.3	0.3
08-DEC-18	0.1	0.0	0.6	0.3	0.1	0.4	0.2
09-DEC-18	0.1	0.0	0.0	0.0	0.1	0.0	0.0
10-DEC-18	0.0	0.0	0.1	0.1	0.0	0.1	0.0
11-DEC-18	0.0	0.0	0.8	0.4	0.1	0.5	0.3
12-DEC-18	0.0	0.5	0.3	0.4	0.2	0.1	0.2
13-DEC-18	0.4	1.0	0.1	0.5	0.2	0.1	0.4
14-DEC-18	0.3	1.8	2.6	2.2	1.6	1.9	1.6
15-DEC-18	0.0	0.0	0.0	0.0	2.3	0.0	0.3
16-DEC-18	0.1	0.0	0.1	0.1	0.5	1.0	0.2
17-DEC-18	0.1	0.0	0.0	0.0	0.0	0.5	0.1
18-DEC-18	0.0	0.0	0.0	0.0	0.0	0.1	0.0
19-DEC-18	0.0	0.0	0.0	0.0	0.0	0.1	0.0
20-DEC-18	3.6	0.9	2.7	1.8	10.6	7.3	4.1
21-DEC-18	0.4	1.0	8.8	5.1	5.1	16.3	5.1
22-DEC-18	0.2	0.0	0.0	0.0	0.2	0.9	0.2
23-DEC-18	1.0	0.2	0.9	0.6	0.0	0.1	0.6
24-DEC-18	0.1	0.0	0.9	0.5	0.3	1.6	0.5
25-DEC-18	0.2	0.1	0.3	0.2	0.1	0.3	0.2
26-DEC-18	0.1	0.0	0.7	0.4	0.0	0.1	0.2
27-DEC-18	18.0	7.2	5.6	6.4	5.1	1.5	8.8
28-DEC-18	2.5	1.3	4.8	3.1	1.4	6.8	3.2
29-DEC-18	0.0	0.3	0.2	0.3	0.5	0.3	0.2
30-DEC-18	0.4	0.0	0.5	0.3	0.4	1.7	0.5
31-DEC-18	1.4	10.0	9.5	9.7	19.0	17.8	9.7
Accumulation:	33.4	37.6	61.3	49.9	61.5	76.6	50.1
DECEMBER Month to Date (MTD) Accumulated Precipitation as Compared to Historical Averages*							
	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
MTD AVG**:	51.9	50.1	69.2	60.0	68.1	75.5	60.7
% of MTD AVG***:	64%	75%	89%	83%	90%	101%	83%
DECEMBER Historic Precipitation*							
	Superior	Michigan	Huron	Mich-Huron	Erie	Ontario	Great Lakes Basin
Average:	51.9	50.1	69.2	60.0	68.1	75.5	60.7
Maximum:	91.3	113.8	141.5	127.2	160.3	139.8	112.5
Minimum:	9.0	13.1	15.5	14.4	21.1	27.0	16.8

* Period of Record - 1900-2016

** Historic Precipitation for the Month ÷ Total Number of Days in the Month x Day of the Month to Date

*** Accumulated Precipitation for the Month ÷ (Historic Precipitation for the Month ÷ Total Number of Days in the Month x Day of the Month to Date) x 100