

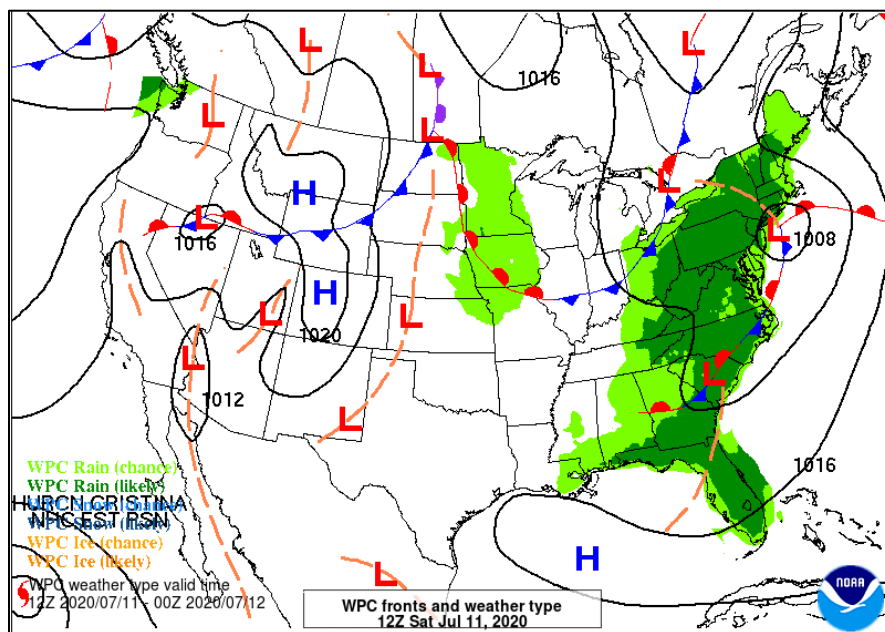
Bayview Mackinac Race Preliminary Briefing – Wednesday, July 7, 2020

Saturday's Forecast

General

A slow-moving cold front is expected to be slightly east of Lake Huron by Saturday morning. The cold front's speed and position have been fairly consistent over the past several days, however, this feature bears watching. If the front shows signs of stalling near southern Lake Huron, confidence in the wind forecast in the starting area will significantly decrease. In addition, a fledging area of low pressure (called a wave) is expected to form along the cold front near eastern Georgian Bay. Similar to the issues associated with the location of the cold front, the location of this fledgling low will have an impact on the wind direction in the Lake's southern basin. Hopefully, the placement of these features will become clearer as the weekend approaches.

The feature is too subtle to appear on the surface forecast below, but a surface trough will sweep across Lake Huron from the northwest to the southeast on Saturday. The trough should reach the Straights by early morning and southern Lake Huron by late afternoon/early evening on Saturday. As the trough passes, the winds are expected to veer from northwesterly to northerly (this is included in the wind forecast). Typically, winds also weaken for a period as the trough passes.



Precipitation/Thunderstorms

The trough will also bring a chance of showers and perhaps a few thunderstorms from Saturday afternoon through late evening. This activity is most likely across the southern half of Lake Huron. At this time, the probability of organized severe thunderstorms is very low. The high temperature in Port Huron will reach the mid-80s.

Marine Forecast

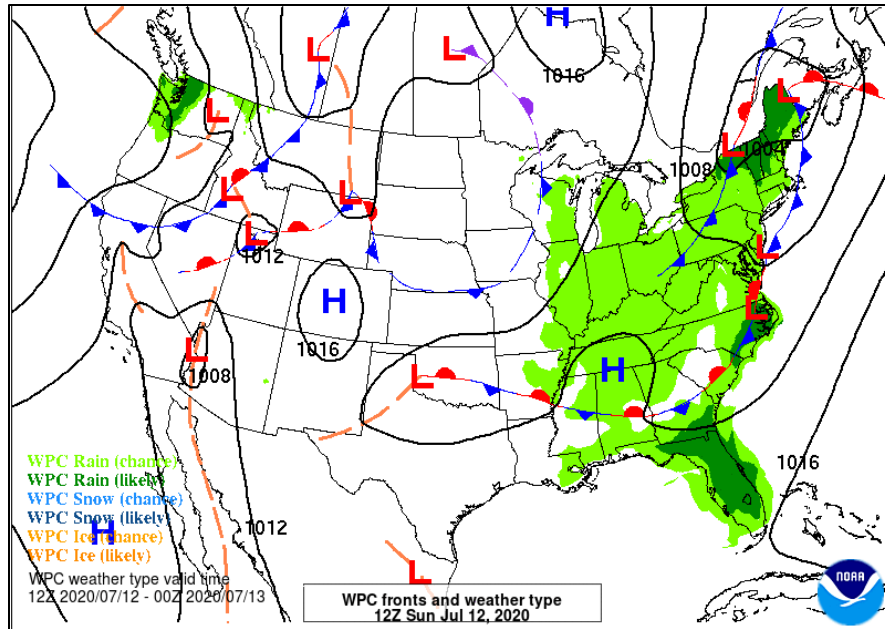
Saturday Wind & Wave Forecast Summary	
Central Lake Huron	SW 6 to 11 knots early. Increasing to SW at 10 to 15 knots by early morning. Veering to W at 10 to 15 knots by early afternoon. Continued veering to NW at 10 to 15 knots by late afternoon. Veering to N and diminishing to 8 to 13 knots by late evening. Maximum gust 20 knots. Waves 1 to 3 feet, building to 2 to 4 feet.
Southern Lake Huron	SW at 8 to 13 knots. Slightly increase to SW at 10 to 15 knots by early morning. Veering to W and weakening to 8 to 13 knots by late afternoon. Veering to N at 8 to 13 knots by late evening. Maximum gusts 15 to 18 knots. Waves 1 to 3 feet.
Starting Area	SW at 8 to 13 knots. Veering toward W at 10 to 15 knots by late afternoon. Veering to N and diminishing to 6 to 11 knots by late evening. Maximum gusts 15 to 18 knots. Waves to 1 to 3 feet.

Saturday		Starting Area					Southern Lake Huron					Central Lake Huron				
Forecast Time		Wind		Wind	Gusts	Waves	Wind		Wind	Gusts	Waves	Wind		Wind	Gusts	Waves
Local	UTC	Direction		(kts)	(kts)	(ft)	Direction		(kts)	(kts)	(ft)	Direction		(kts)	(kts)	(ft)
2:00 AM	6Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
5:00 AM	9Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
8:00 AM	12Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
11:00 AM	15Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
2:00 PM	18Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
5:00 PM	21Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
8:00 PM	0Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
11:00 PM	3Z	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0	↓	345 - 15	< 5	0	0
Wind Speed Scale (kts)	<= 4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-30	31-35	36-40	> 40

Sunday's Forecast

General

By Sunday morning, the slow-moving cold front, fledgling low, and surface trough from Saturday should be well east of Lake Huron. Consistent with Saturday's discussion, the location of these features will influence the wind forecast on Sunday. The features will continue to move east during the day on Sunday. As the low and cold front moves east, high pressure will build across the Lake. In addition, a weakening cold front will approach Lake Huron from the west, but is expected to dissipate before reaching the Lake.



Precipitation/Thunderstorms

Showers and thunderstorms are not expected on Sunday.

Marine

Central Lake Huron: North-northwest at 7 to 12 knots during the early morning hours. Veering toward the northeast at 7 to 12 knots by mid-morning. Waves 1 to 3 feet, subsiding to less than 2 feet.

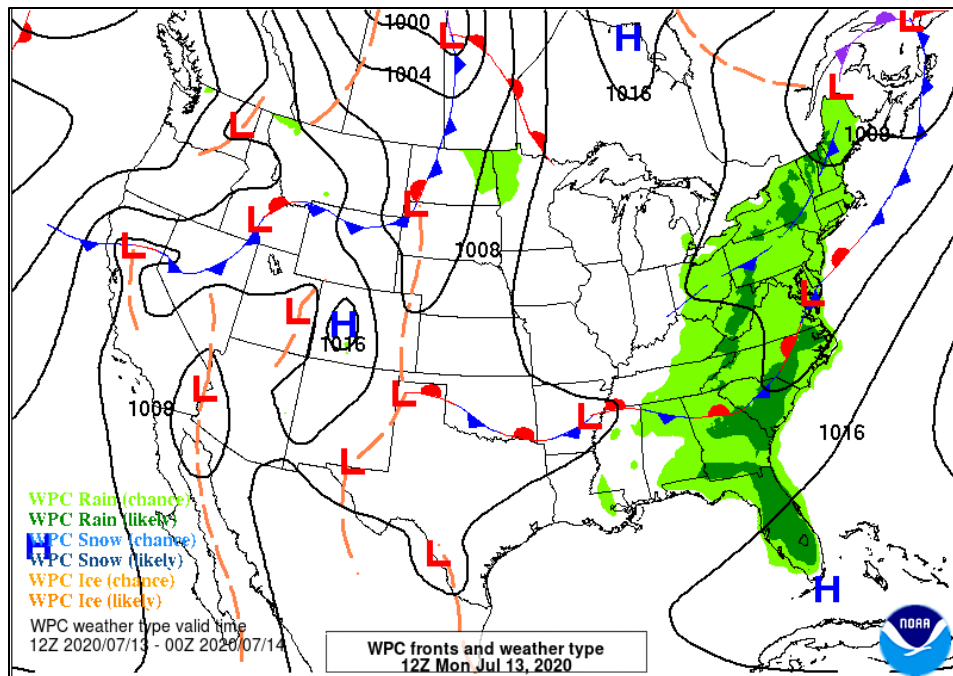
Northern Lake Huron: Northwest at 5 to 10 knots during the early morning hours. Veering to northeast and building to 10 to 15 knots after sunrise. Steady weakening to light and variable by mid-afternoon. Waves 1 to 3 feet, subsiding to less than 2 feet.

Northwestern Lake Huron: Northwest at 8 to 13 knots around midnight. Veering to north at 8 to 13 knots around sunrise. Veering to northeast and weakening to 5 to 10 knots during the afternoon. Waves 1 to 3 feet, subsiding to less than 2 feet.

Monday's Forecast

General

As the low over the northeastern U.S. continues moving east and weakening, an area of high pressure will continue to control the weather over the central Great Lakes.



Precipitation/Thunderstorms

Showers and thunderstorms are not expected on Monday.

Marine

Northern Lake Huron: Northeast at 8 to 13 knots before dawn. By mid-morning on Monday, the winds will begin backing toward the north and weakening. Northerly at 5 to 10 knots during the afternoon. Waves 1 to 3 feet early, subsiding to less than 2 feet.

Northwestern Lake Huron: Northeast at 7 to 13 knots after midnight. Northeast and steadily weakening to 5 to 10 knots by mid-afternoon. Waves 1 to 3 feet, subsiding to less than 2 feet.