



UPDATED Race Weather Outlook

Issued 17 JULY 2014

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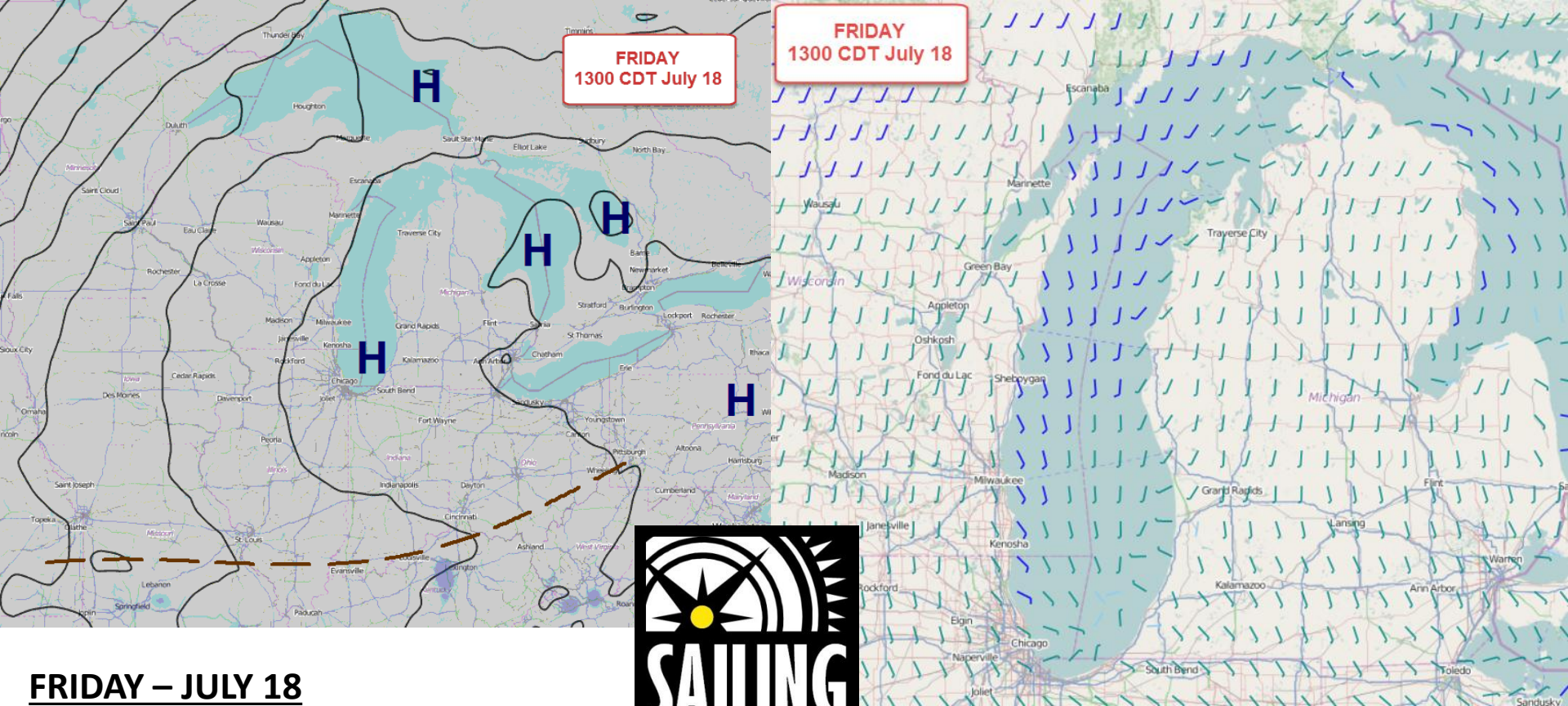
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For planning purposes only

- This preliminary outlook is provide for guidance and planning purposes only.
- The latest OFFICIAL forecasts and warnings from the National Weather Service should be monitored before and during the race.
- A formal weather briefing will be provided at the Skippers' Meetings on Friday at CYC.
- You are responsible for the safety of your boat and crew.

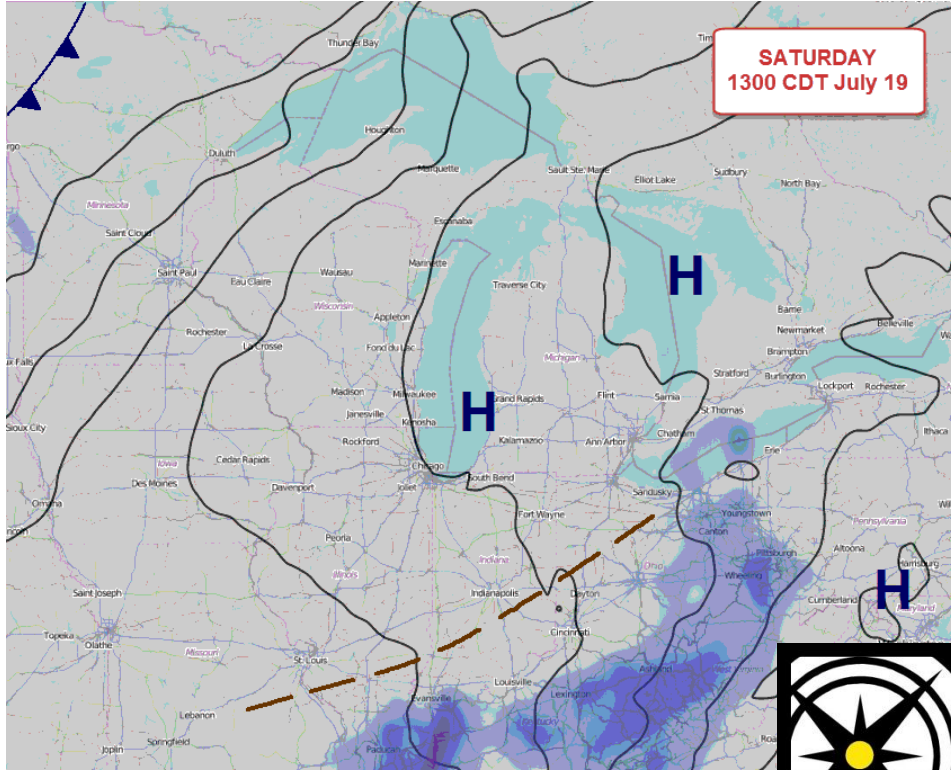
Forecast Summary

- Perhaps some modest improvement since y'day's forecast, but still looking like a slow race.
- Weak lake breezes are expected Friday, Saturday and Sunday.
 - Morning and afternoon calms are likely away from the IL/WI shore across the central and MI shore portions of Lake Michigan.
- A mix of light S/SW gradient and lake breezes will dominate winds over the northern ½ of the lake.
- Building gradient – especially over the northern 1/3 of the lake Monday and especially Tuesday.
- The risk of thunderstorms is LOW.
- Forecast confidence is AVERAGE.

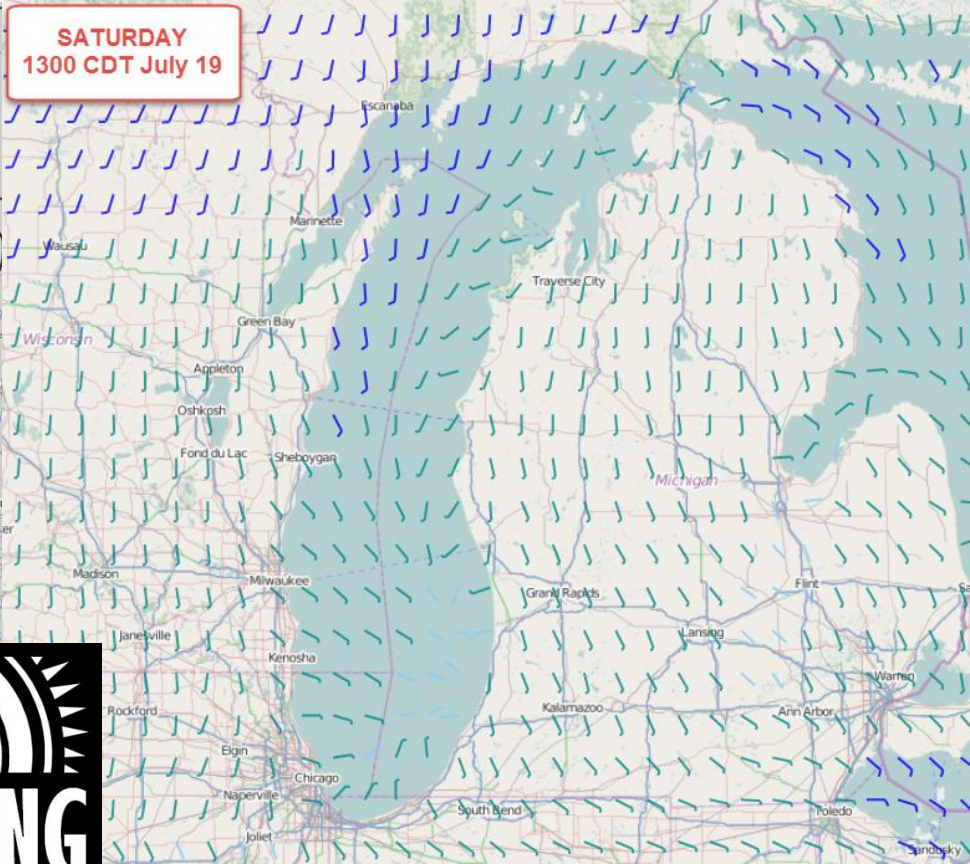


FRIDAY – JULY 18

No significant change in the forecast for the cruisers' start tomorrow. Primary high pressure will still be over northeast US and move *slowly* east. A ridge will extend west of the high across the central lakes. Because of the cool water on the lake, local high pressure will settle over southeast Lake Michigan. A broad, light S'ly gradient will be over much of the lake, but lake breezes (7-11 kt) will over-ride the gradient during the PM on the IL/WI shore. The lake breeze will die overnight, leaving weak winds on the shore (< 5 kt) , but a persistent, light S'ly gradient (4-7 kt) mid-lake. Mainly sunny/clear and seasonably mild weather.



SATURDAY
1300 CDT July 19

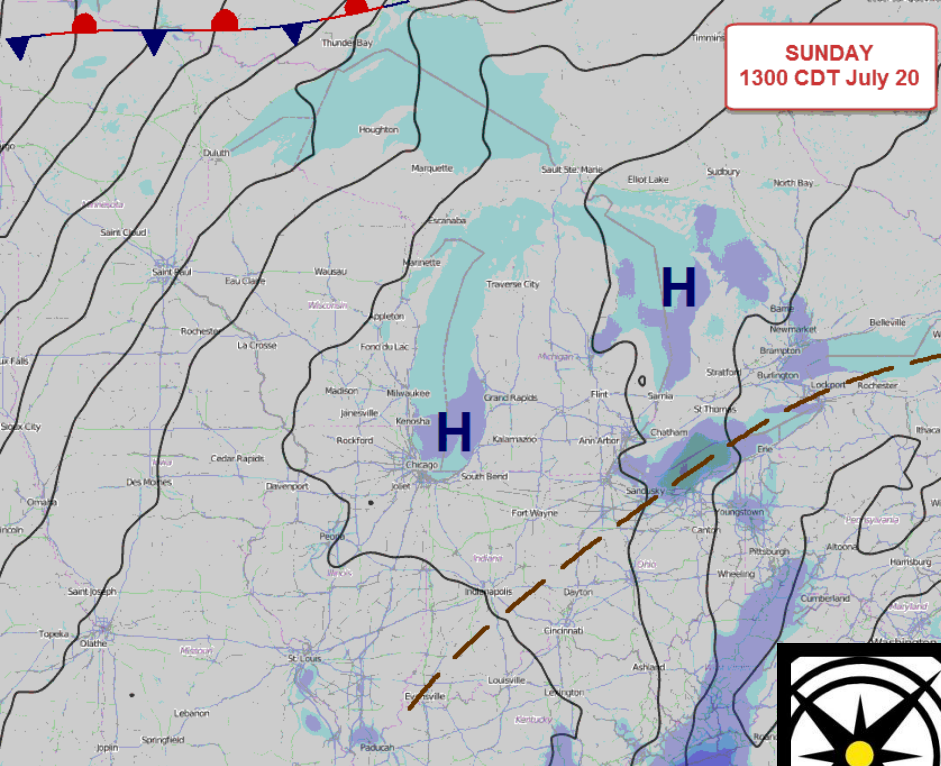


SATURDAY
1300 CDT July 19

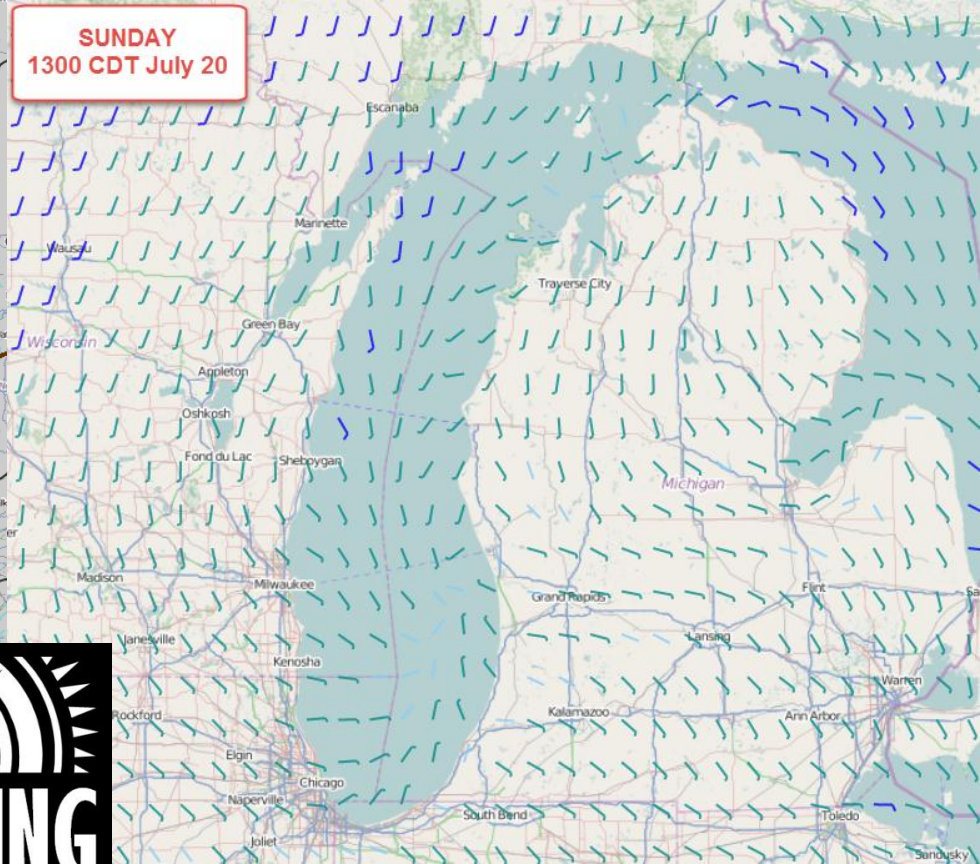
SATURDAY – JULY 19



High pressure over eastern US with ridge across the central Great Lakes region. Again, the cool water supports weak high pressure over southeastern Lake Michigan. A trough of low pressure will be moving north from the Ohio Valley, killing any S'y gradient component over the southern half of the lake, leaving light 5-10 kt E/SE lake breezes as the only wind source on the IL/WI shore. Light and variable conditions mid-lake. The S'y gradient will hold over the northern ½ of the lake, but this too will be light (< 10 kt). Very soft E/SE breezes (< 5 kt) are expected over the southern ½ of the lake Saturday night into Sunday morning. Weather will continue fine with sunny/clear conditions and mild temps.



SUNDAY
1300 CDT July 20

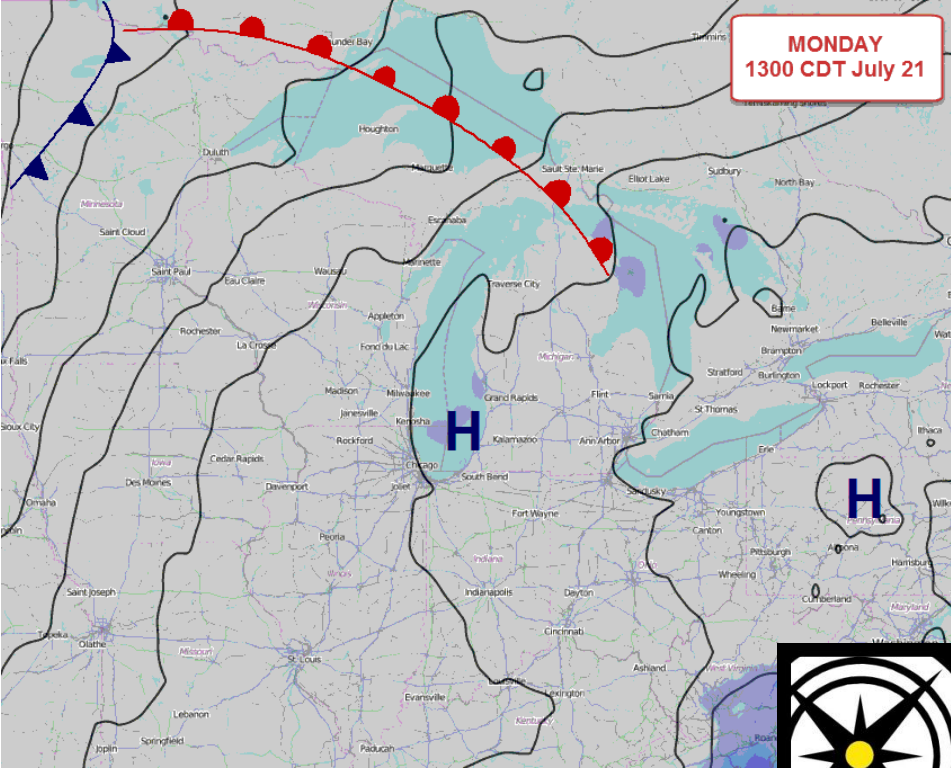


SUNDAY
1300 CDT July 20

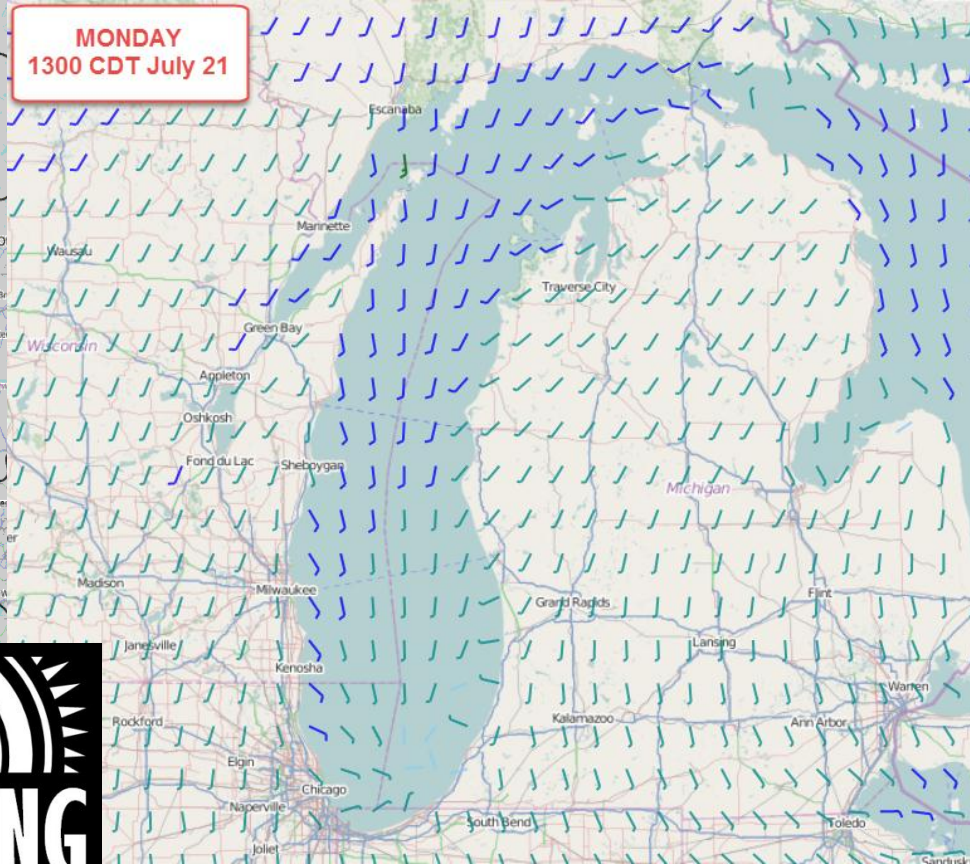
SUNDAY – JULY 20



The trough will shift a bit east and north over the southeastern lakes. High pressure ridging will weaken over the lakes. Lake breezes will be on all the lake shore, though a drift from the S of some gradient input will hold over the northern ½ of the lake (4-8 kt). A front and low pressure over the northern plains will support a building S/SW gradient over WI during the day, spreading into the lake Sunday night –perhaps building light-moderate (9-14 kt) on the northern Lake by early Monday morning. Some increase in cloud is possible from the west, but mainly sunny/clear and gradually warming.



**MONDAY
1300 CDT July 21**

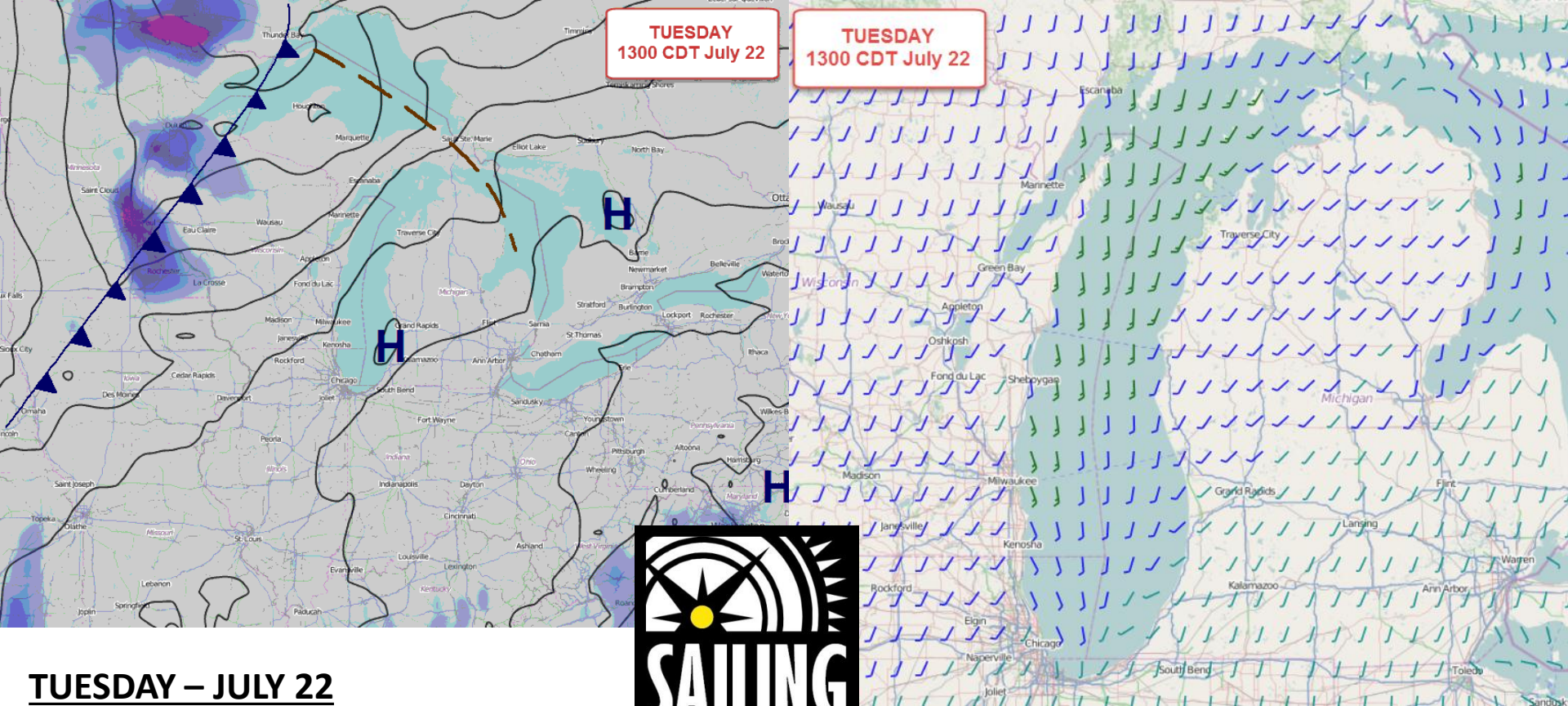


**MONDAY
1300 CDT July 21**

MONDAY – JULY 21



The high pressure ridge on the lakes will weaken further, though local high pressure may continue over southern Lake Michigan. The S/SW gradient associated with low pressure over the northern plains will spread east and support light-moderate (7-12 kt) SW flow north of Sheboygan to Mac Strait. Some local lake breeze veering is likely along the MI shore north of Sleeping Bear, but it will be lighter in close to shore (5-8 kt). Mainly fine weather, but some increasing middle and high cloud is possible. There is a chance of some showers off MI's UP in the evening.



TUESDAY – JULY 22



A cold front will be moving east toward the upper lakes, with a strengthening S/SW gradient developing on the lake. This will be the windiest day since the start, but even still winds will struggle to break 15 knots, and most areas will be 10 knots or less.

Clouds and showers possible over the northern lake, from Green Bay to Mackinac, especially in the afternoon. Warmer and more humid.