



# Race Weather Briefing

## Racing Division

### 0800 CDT 21 JULY 2018

Brought to you by:



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# Monitor *official* forecasts and warnings

**Available via continuous VHF broadcast NOAA All Hazards Radio**

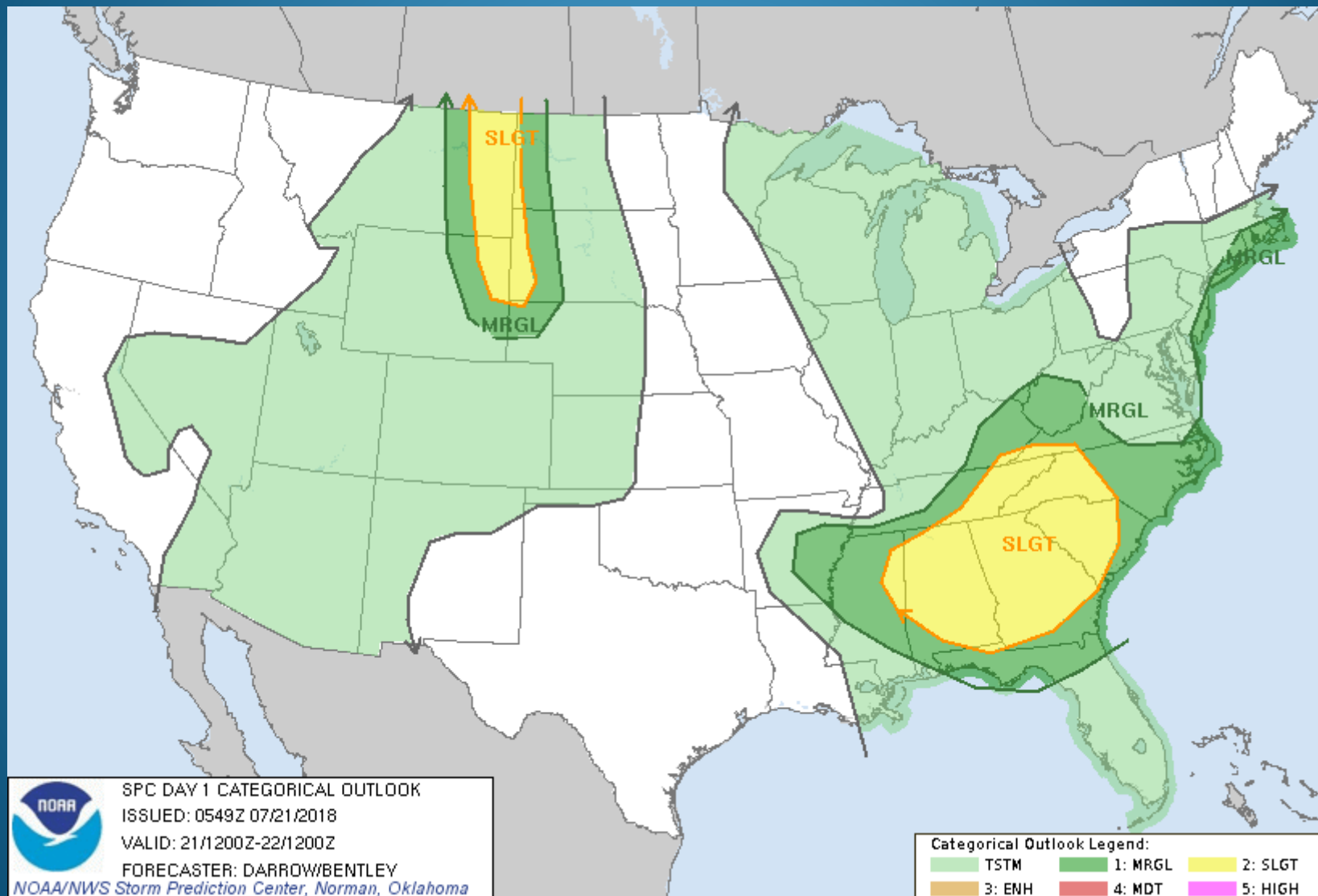
**You are responsible for the safety of your crew.**

**Weather can and will change quickly.**

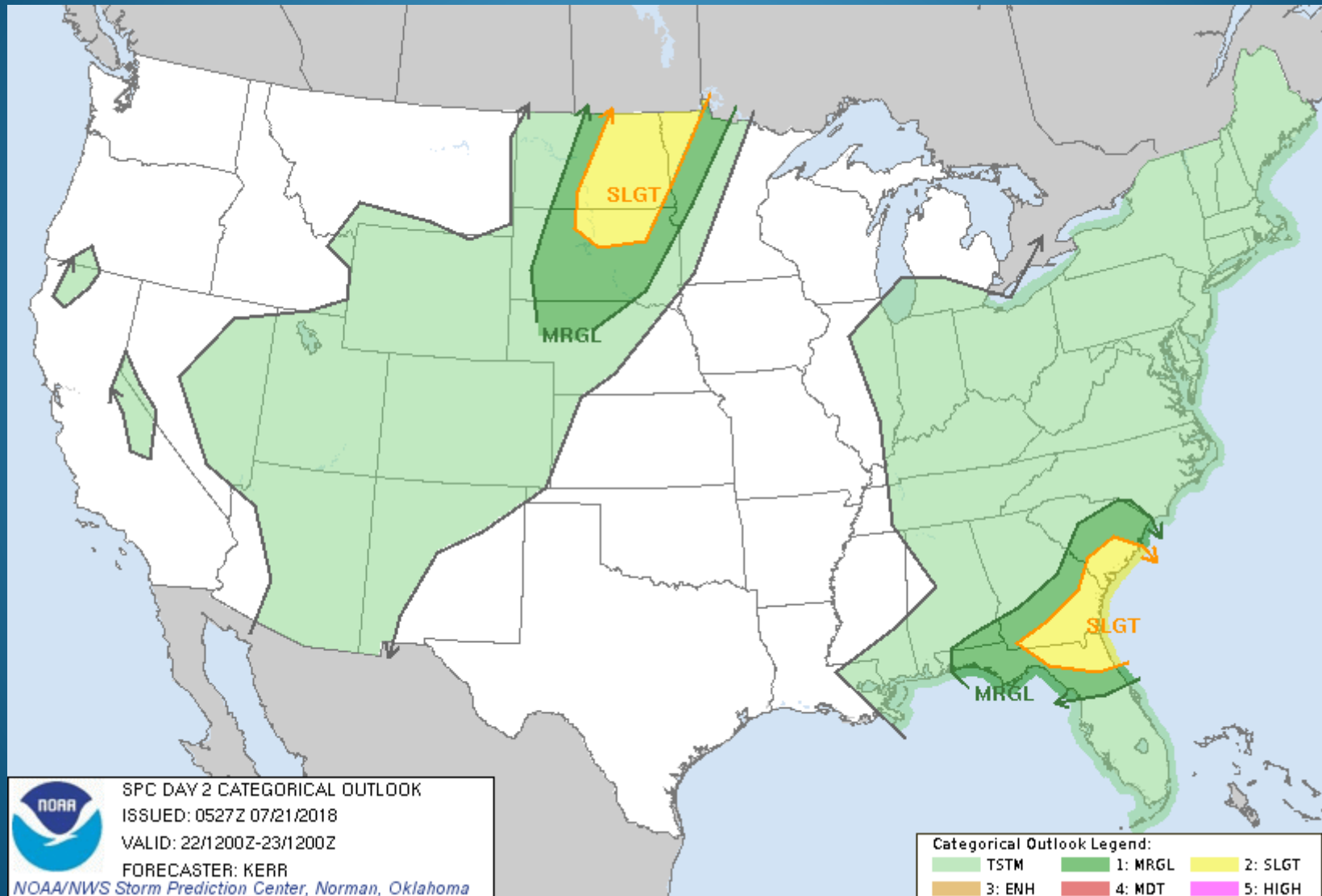
**Monitor official sources for up-to-date information.**

**Be pro-active. Safety first. Racing second.**

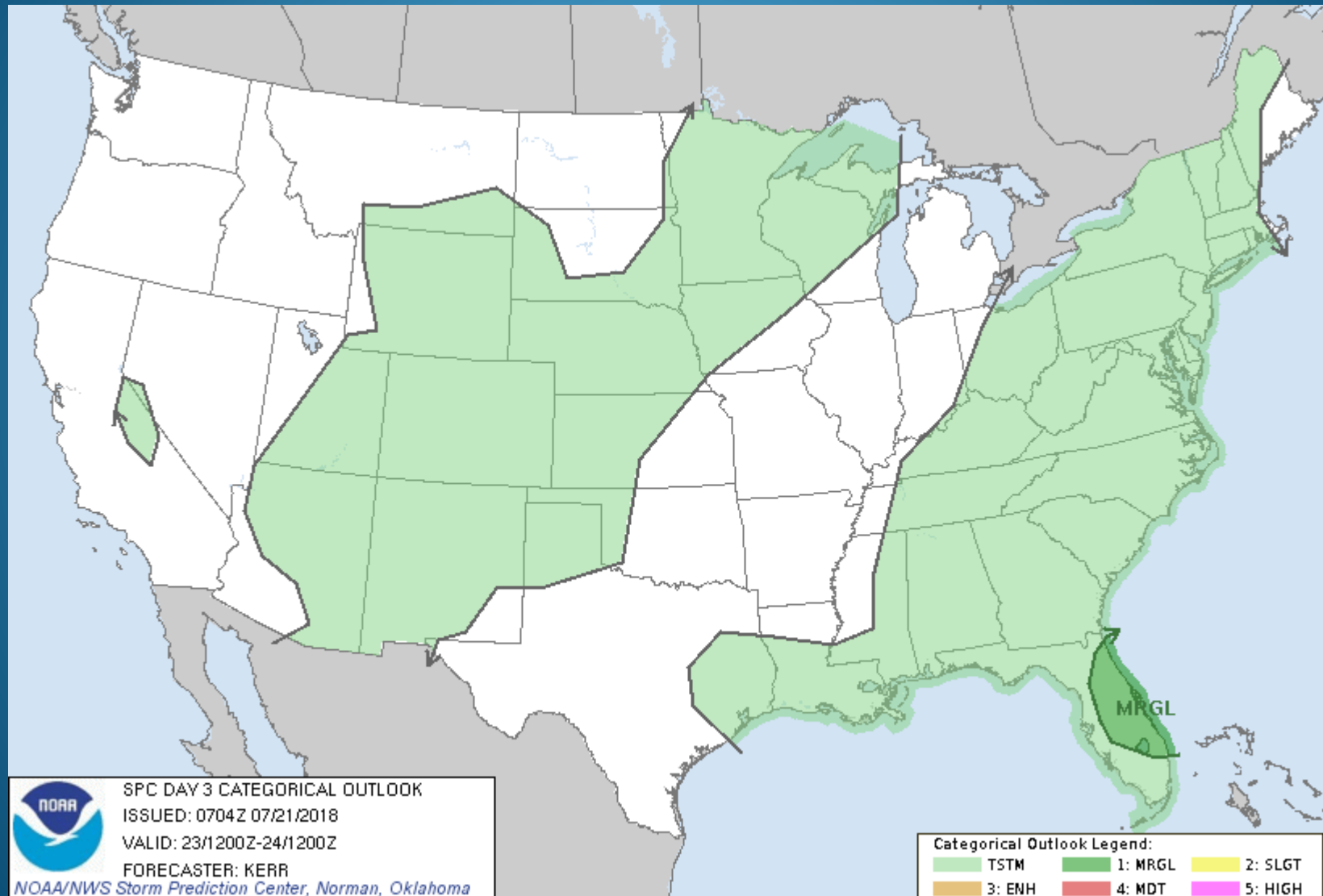
# Severe Weather Outlook - Today



# Severe Weather Outlook - Tomorrow

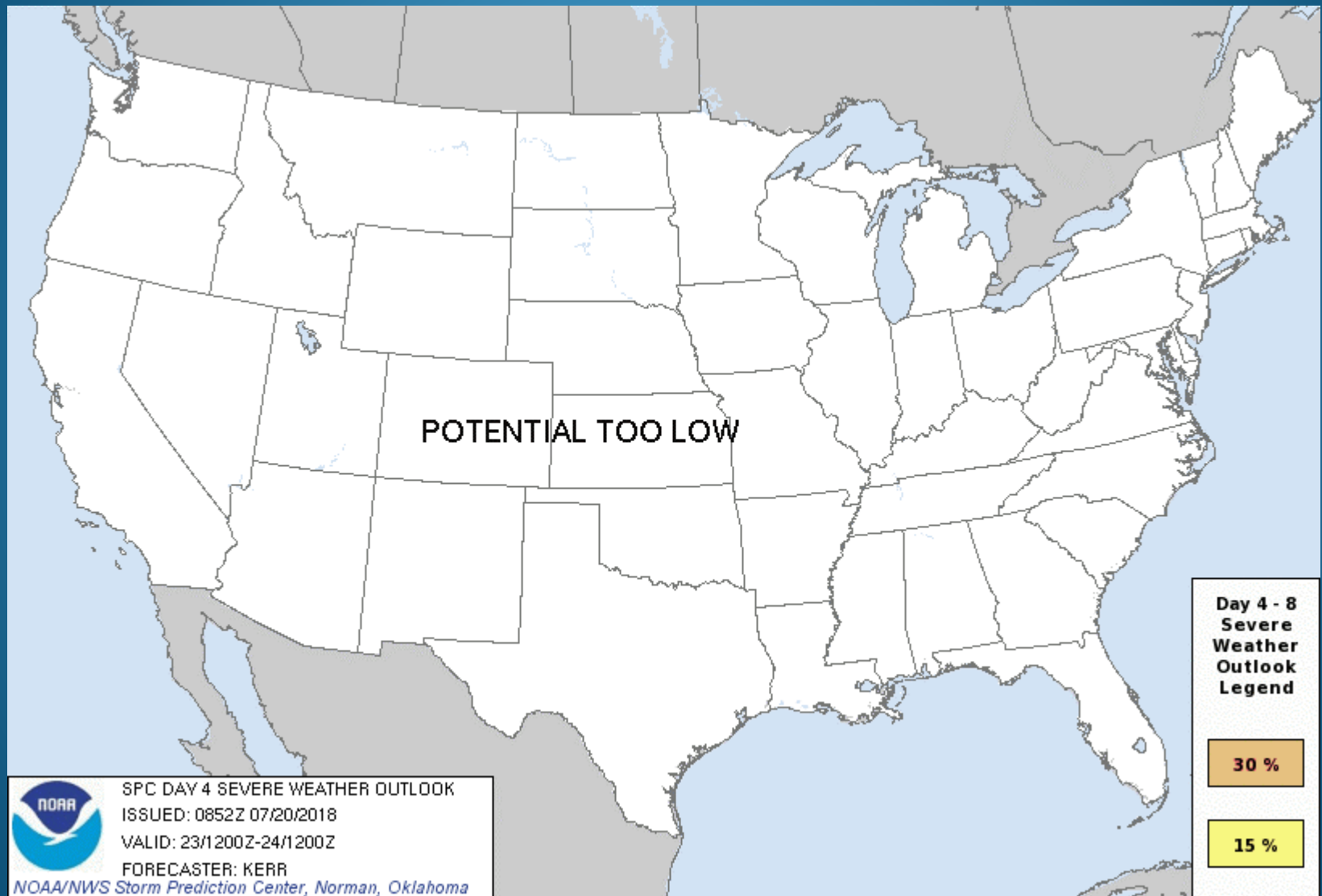


# Severe Weather Outlook - Monday

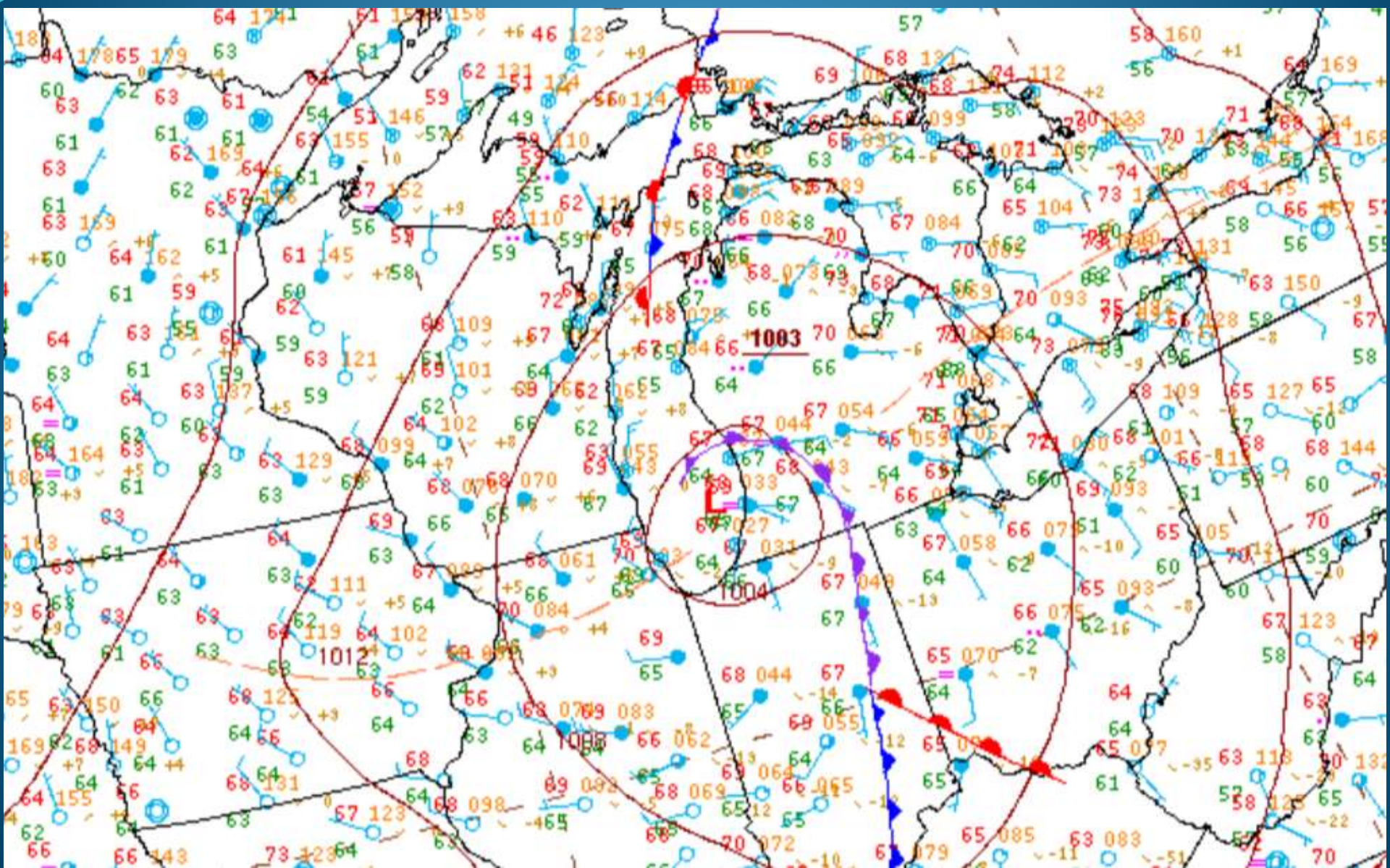




# Severe Weather Outlook - Tuesday

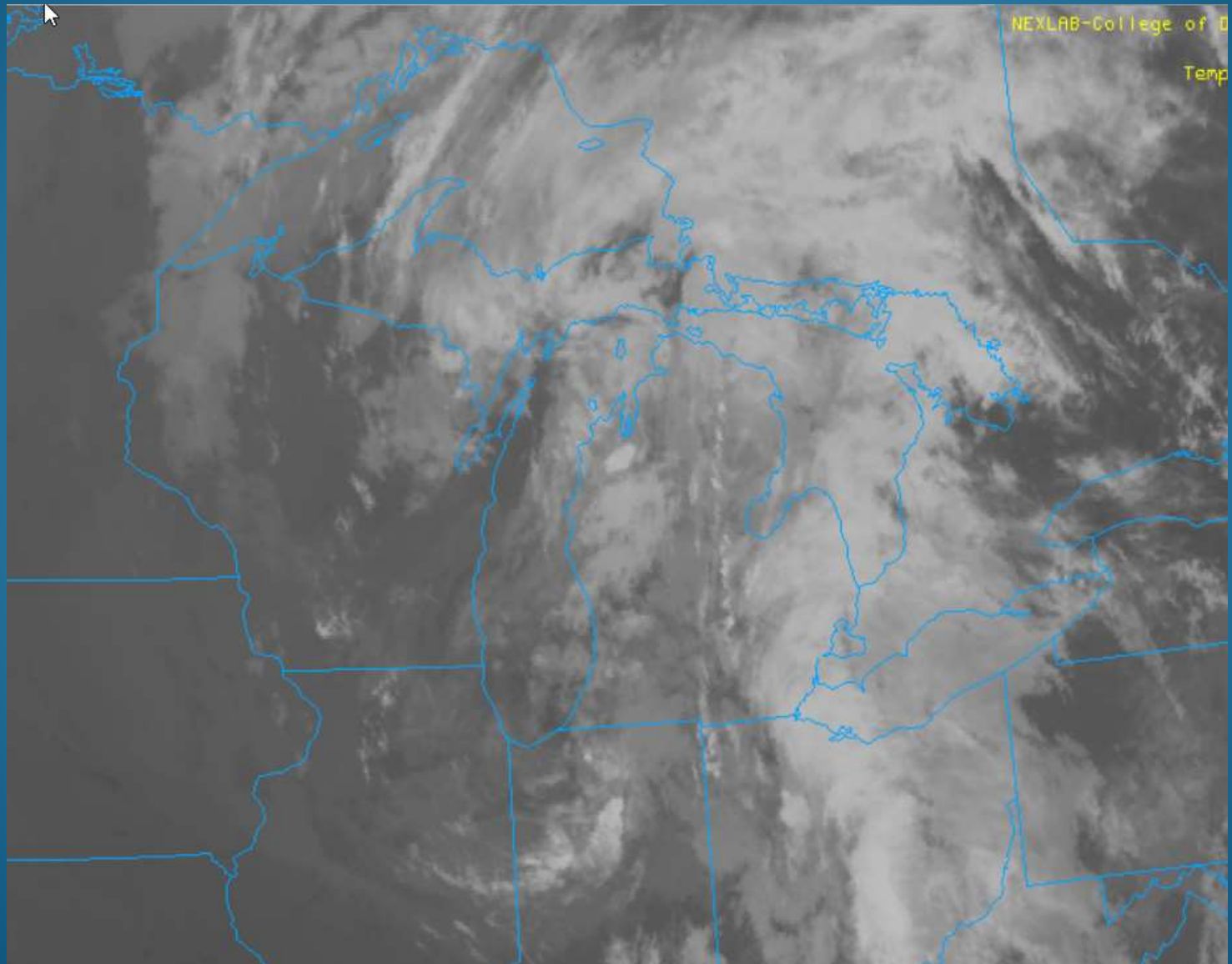


# Surface Weather Map – Saturday AM



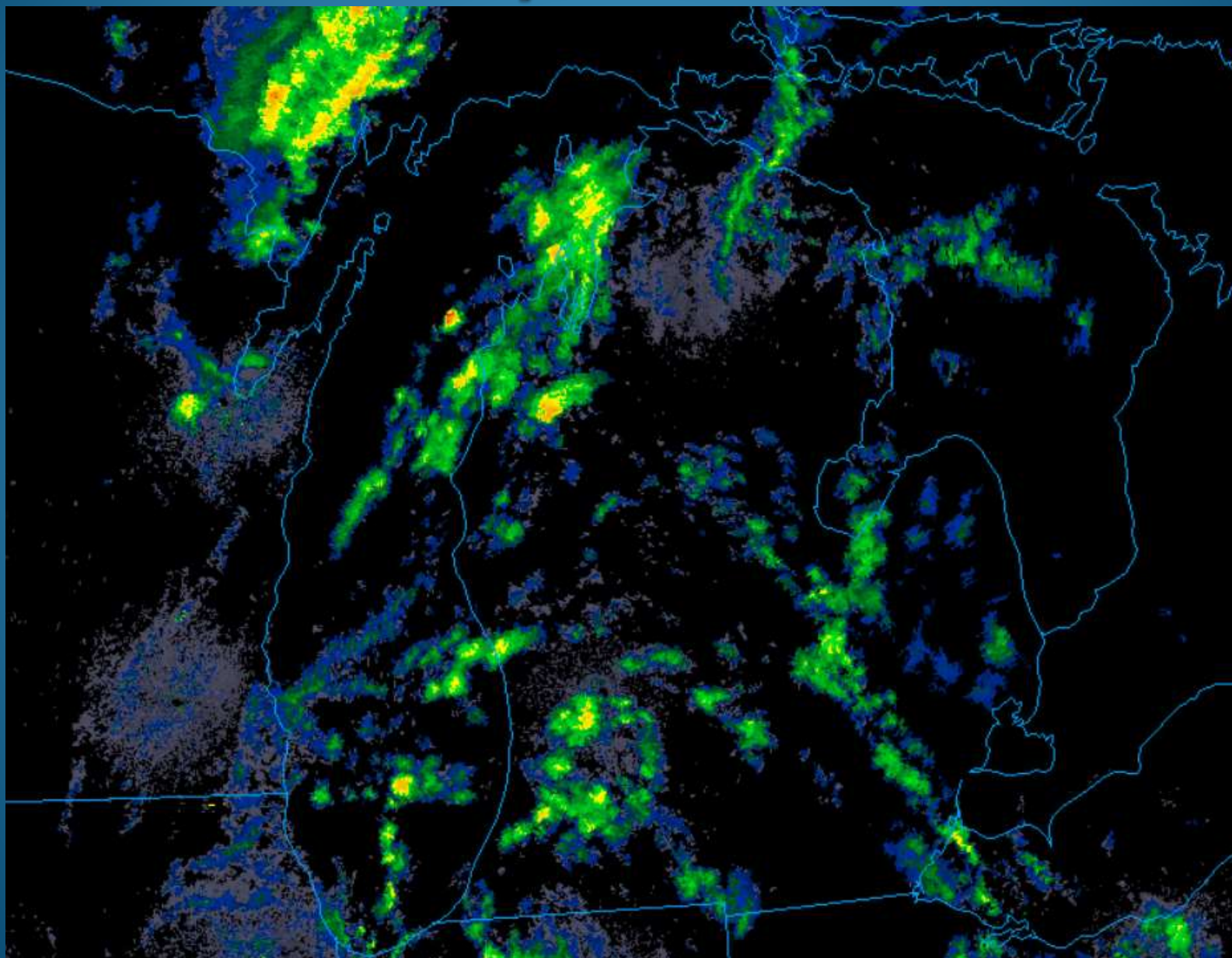


# Satellite Image – Saturday AM

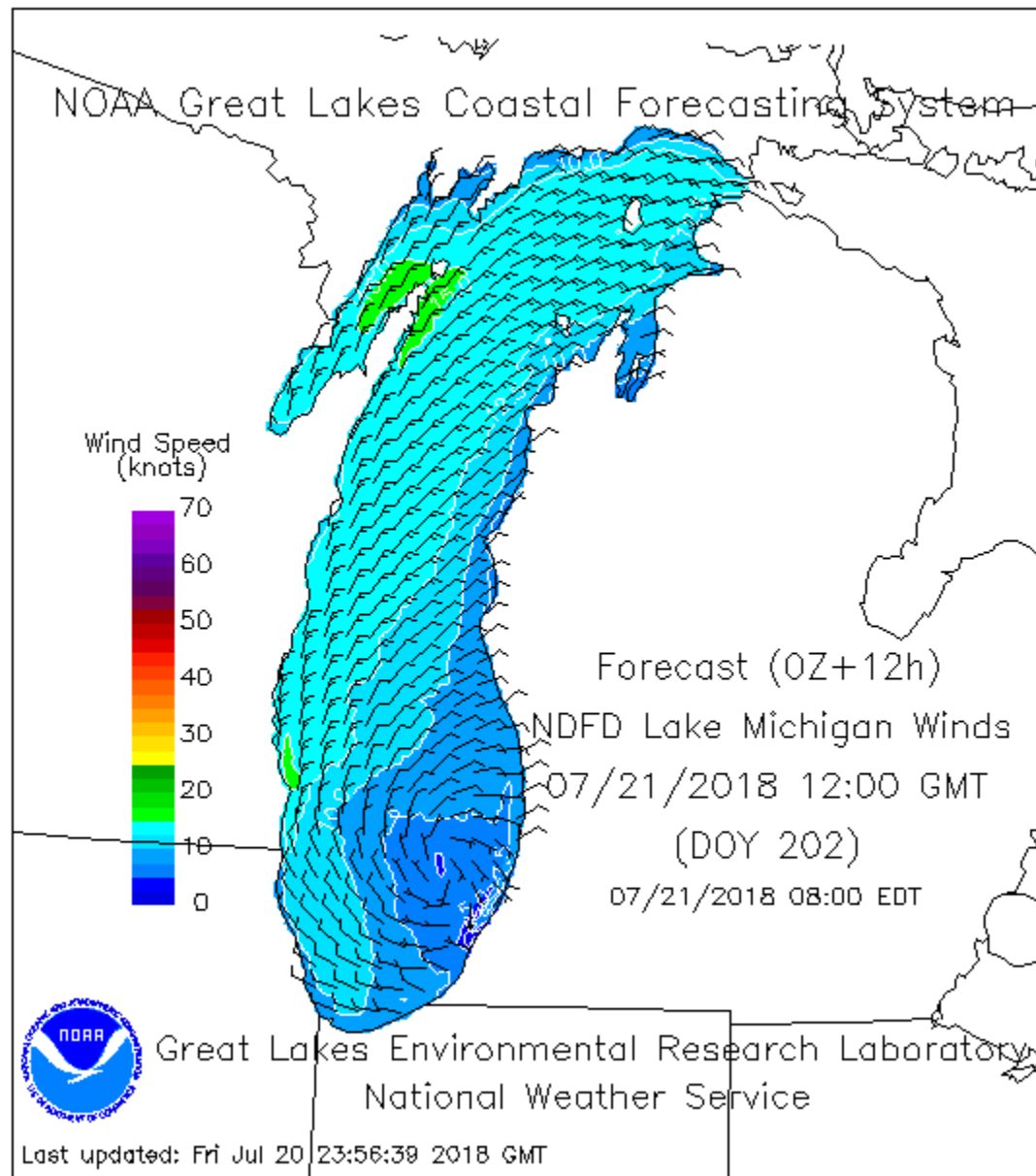




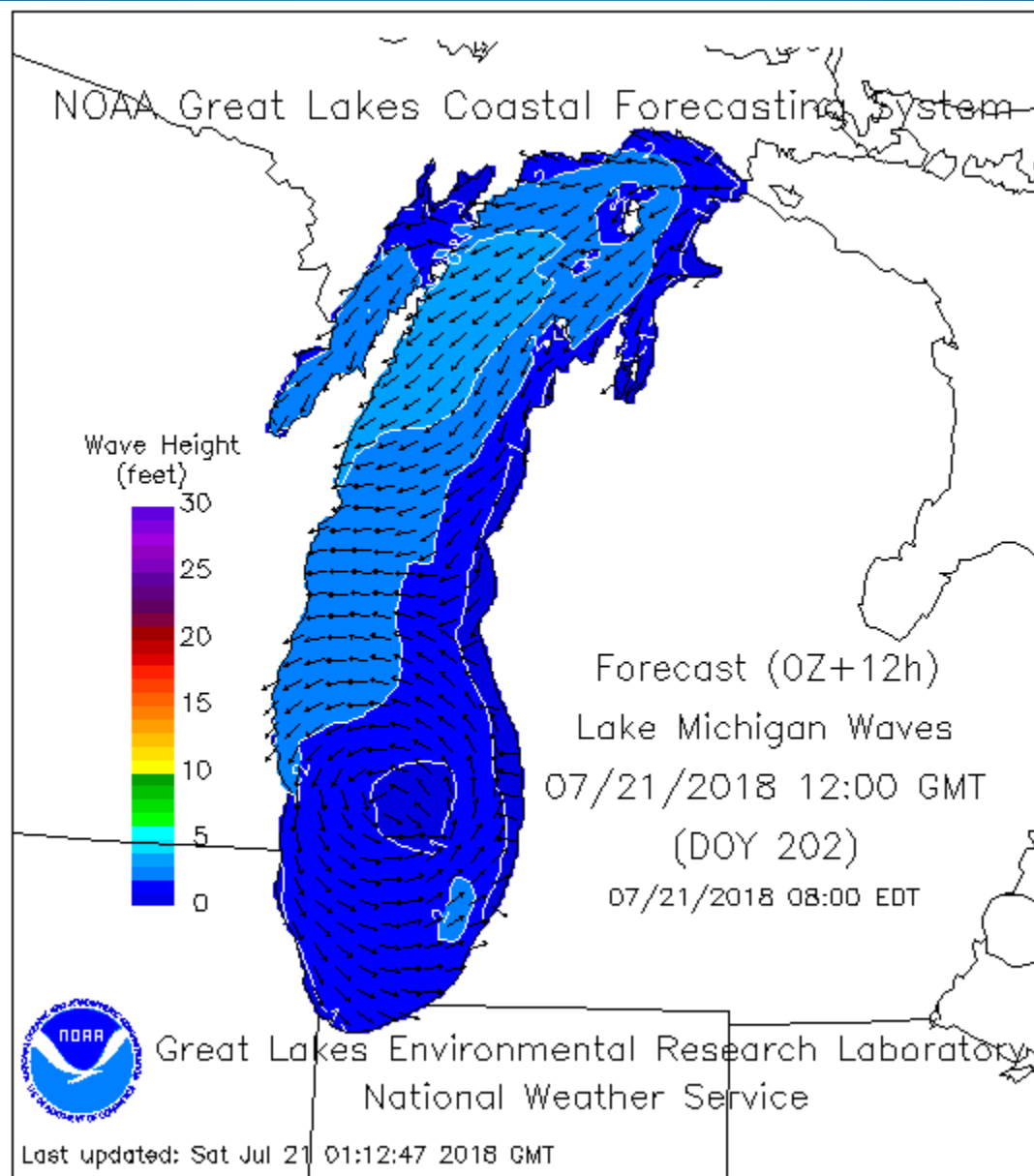
# Radar – Saturday AM



# Lake Wind Field – Saturday AM

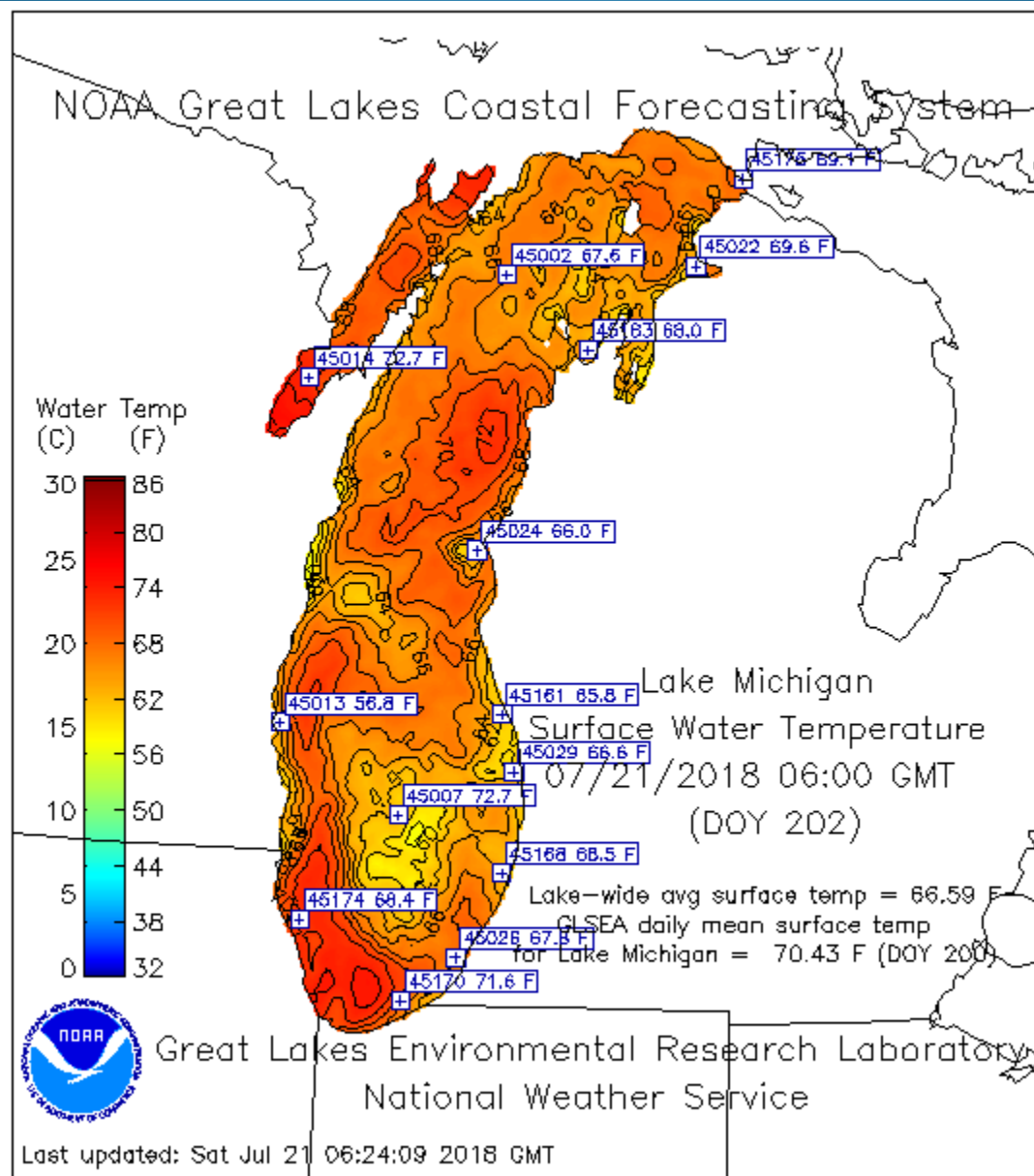


# Lake Wave Heights – Saturday AM

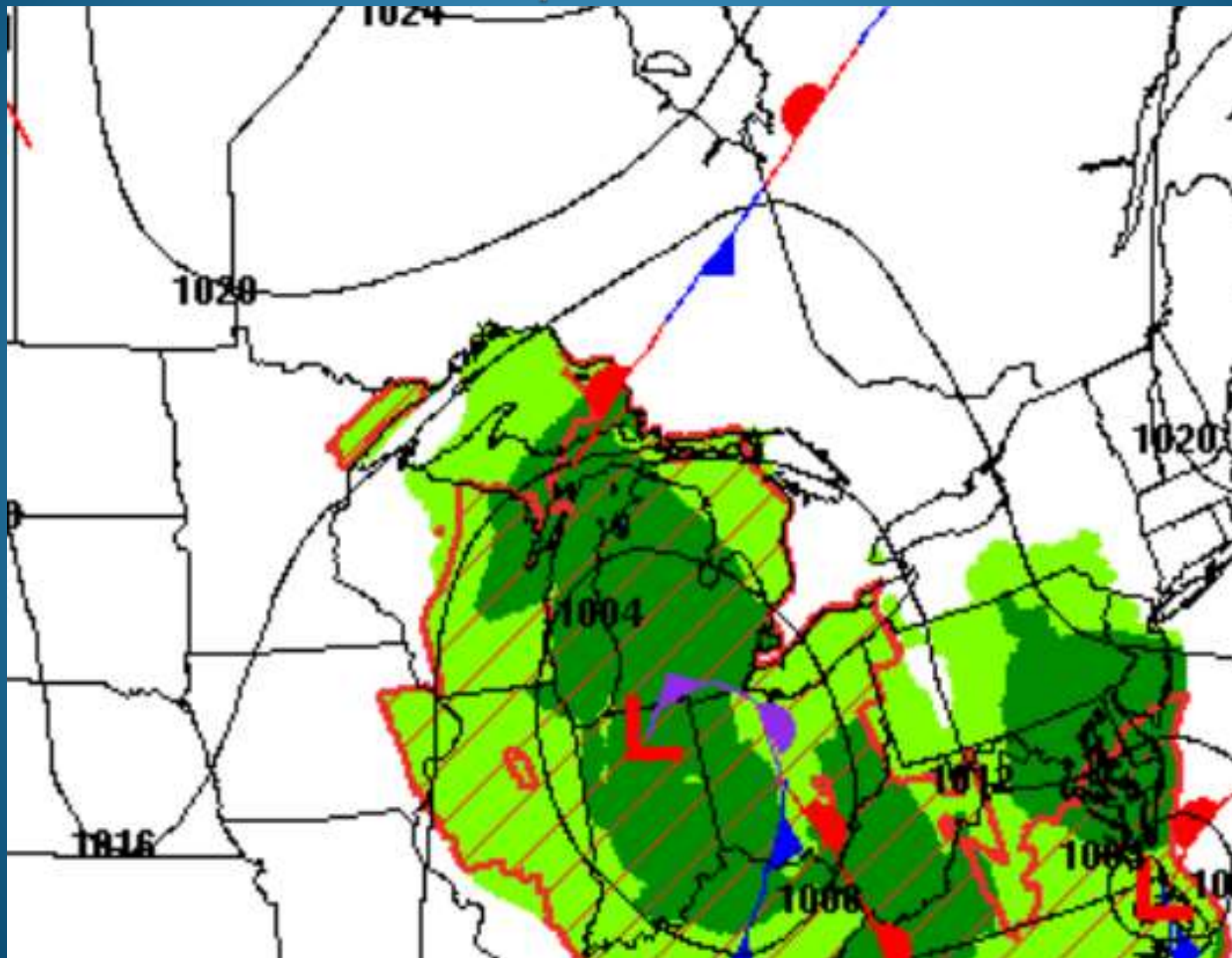




# Water Temperatures – Saturday AM



# Surface Weather Map – 1300 SATURDAY



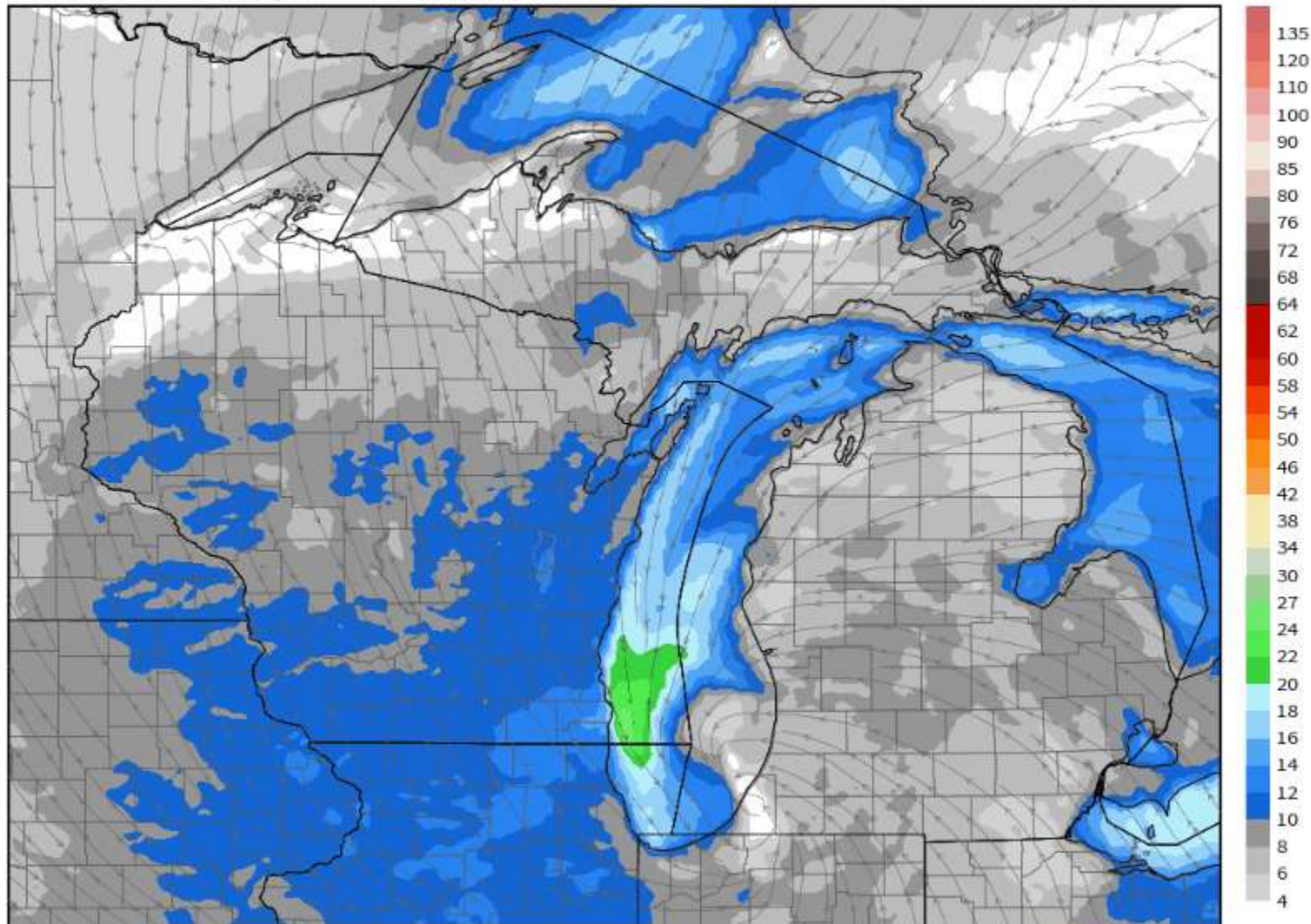


# Forecast Wind (loop)– Saturday AM to Sunday AM

NCEP NAM-WRF-3km 10-meter Wind [knots]  
Init: 06Z21JUL2018 -- [6] hr --> Valid Sat 12Z21JUL2018

Sat 08:00 EDT 21JUL2018

MAX: 24.6 knots

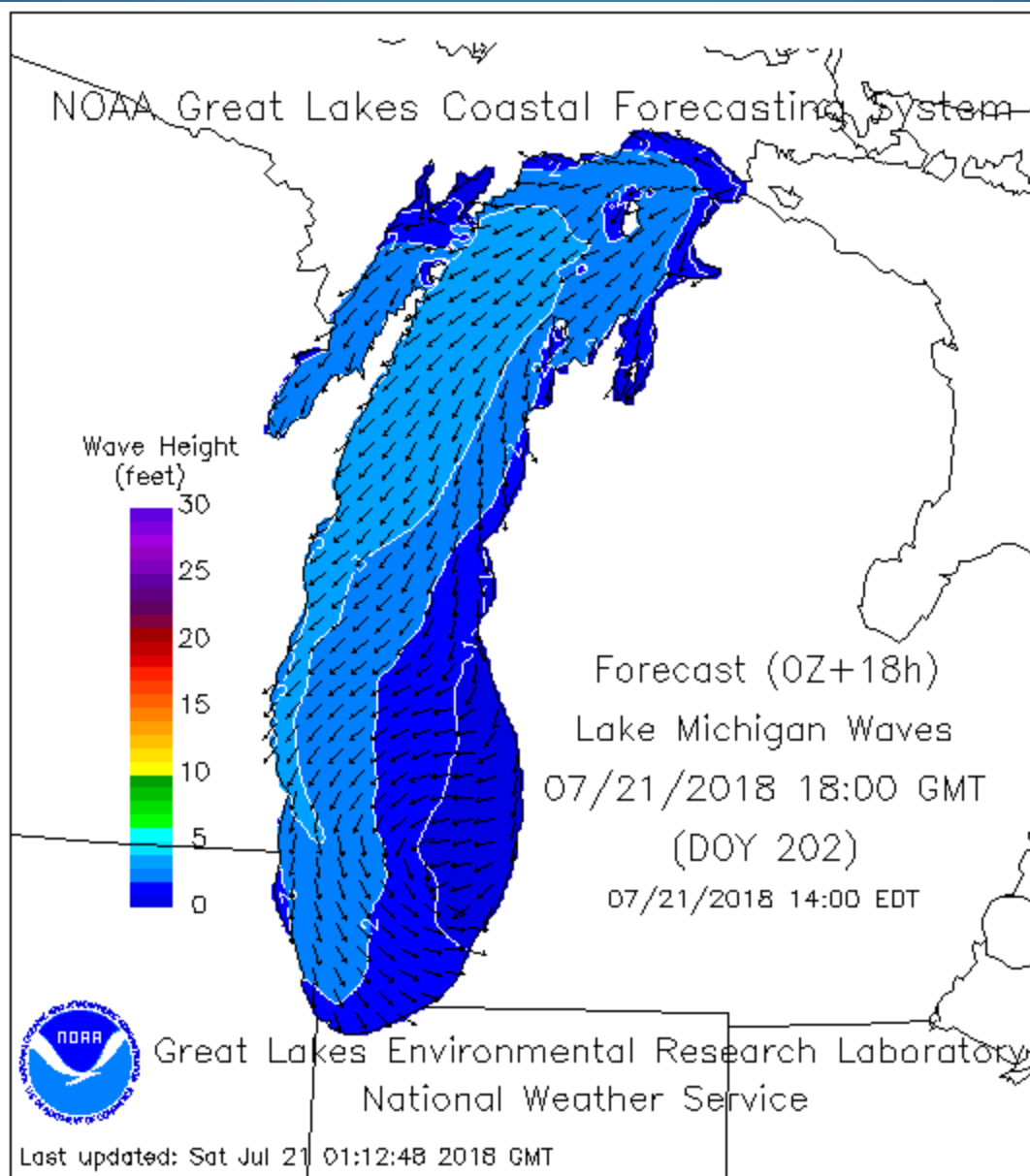


NAM-WRF 2503x1115y 0.029°x0.027° Forecast Grid -- First Inner Nest of 12 km NAM

[weathermodels.com](http://weathermodels.com)



# Wave Forecast – 1300 SATURDAY

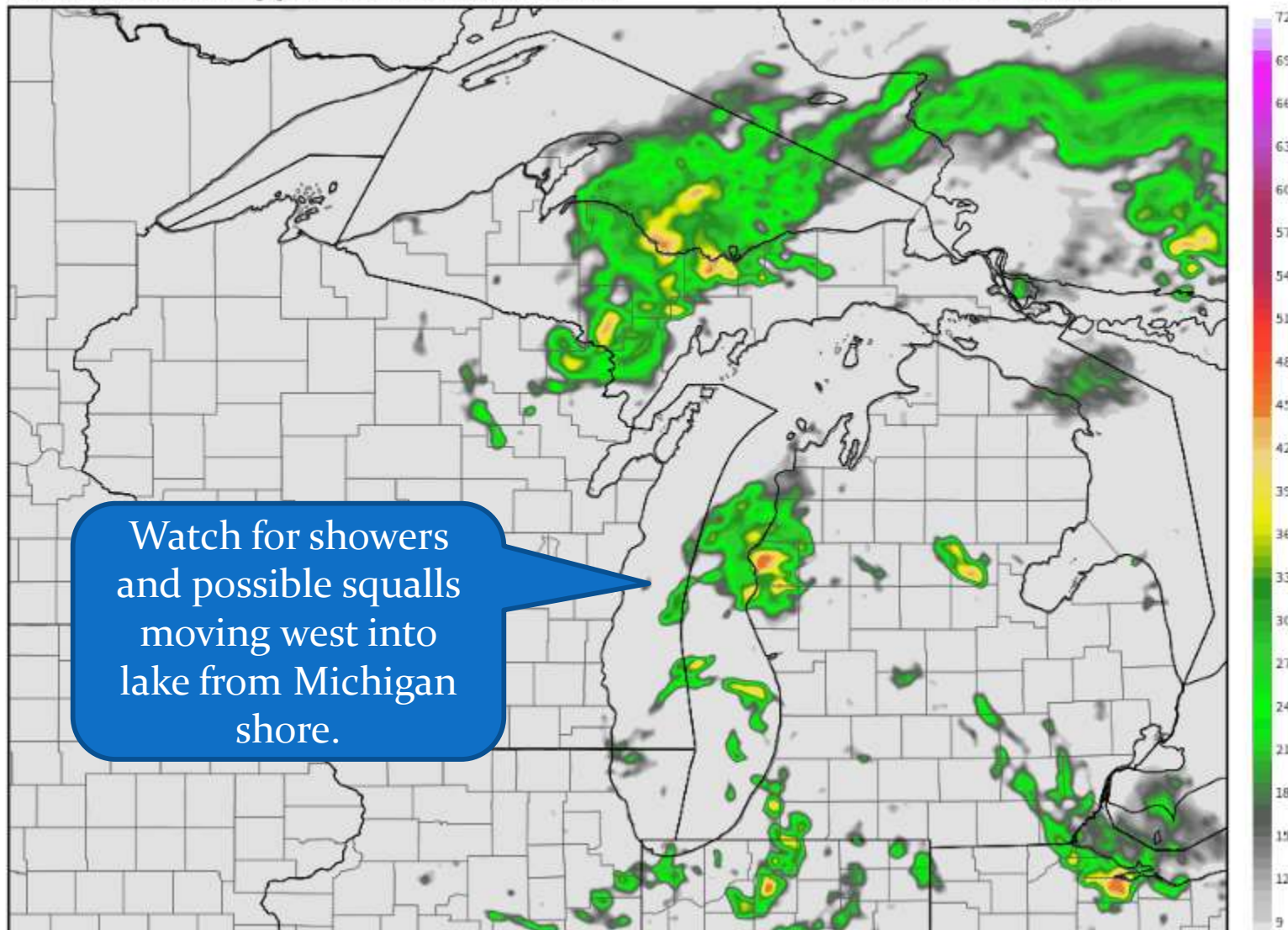


# Forecast Radar (loop)– Saturday AM to Sunday AM

NCEP NAM-WRF-3km Composite Reflectivity [dbz] | Rain+Snow Type  
Init: 06Z21JUL2018 -- [6] hr --> Valid Sat 12Z21JUL2018

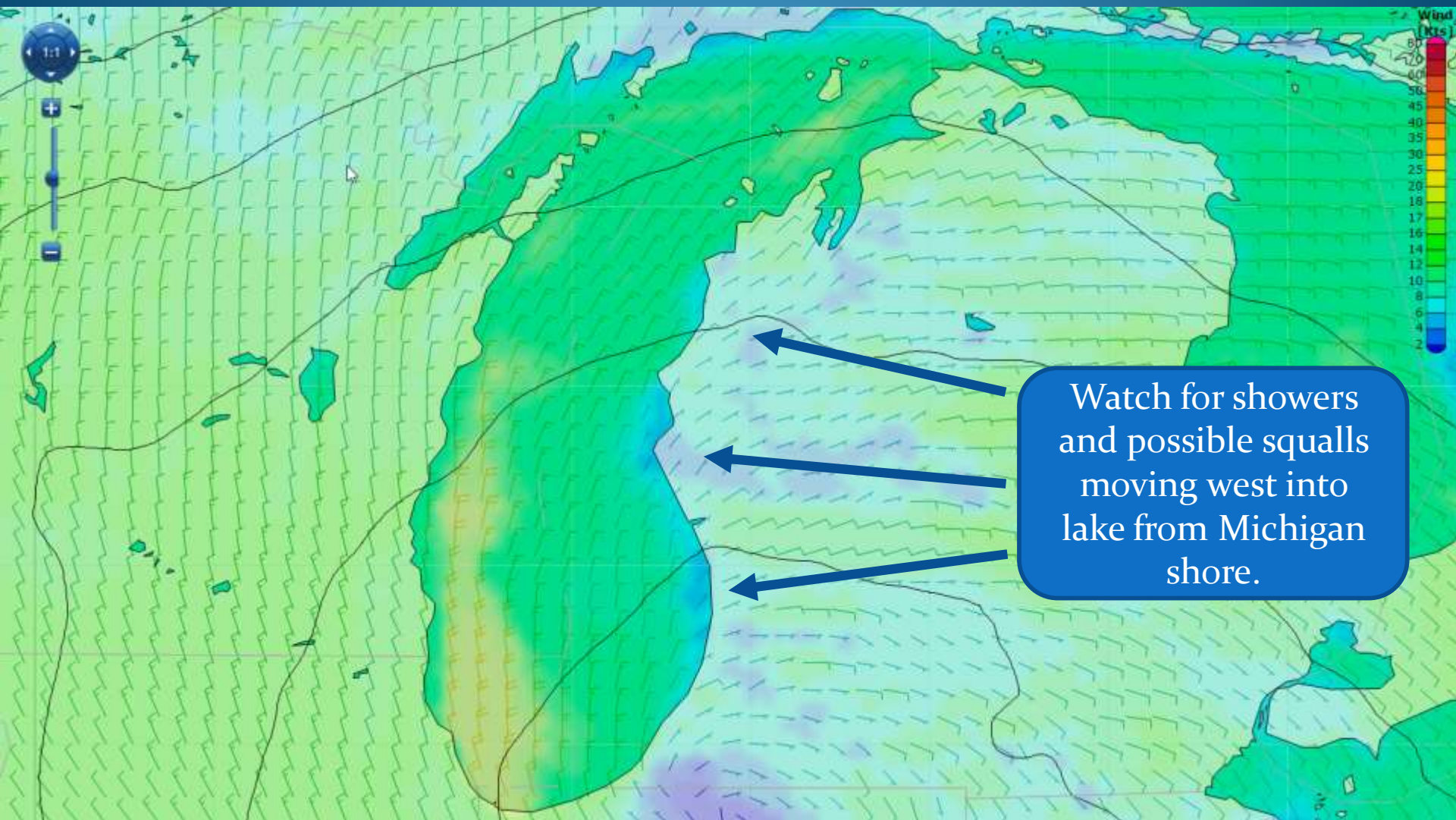
Sat 08:00 EDT 21JUL2018

[weathermodels.com](http://weathermodels.com)



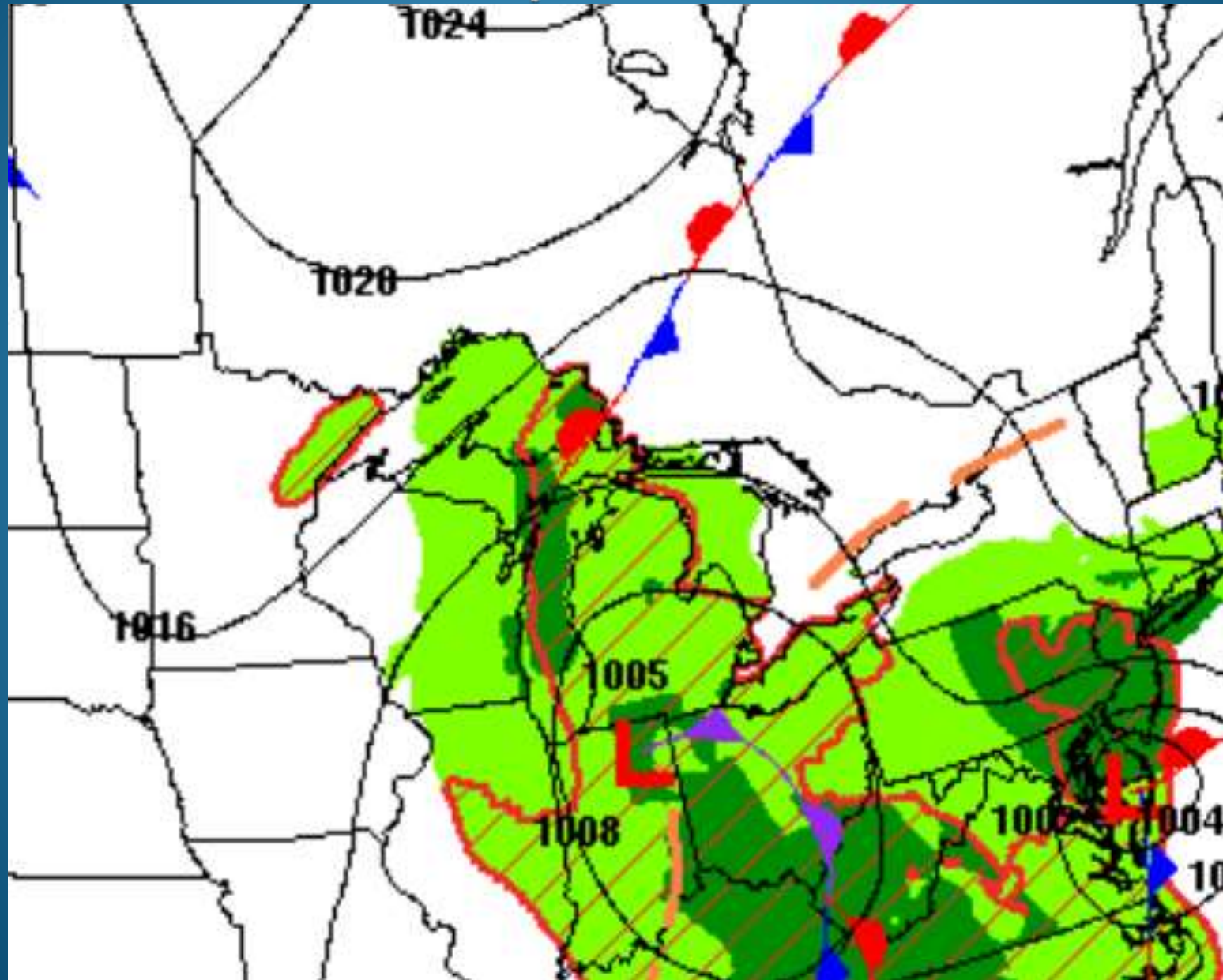


# Surface Wind Forecast – 1300 SATURDAY

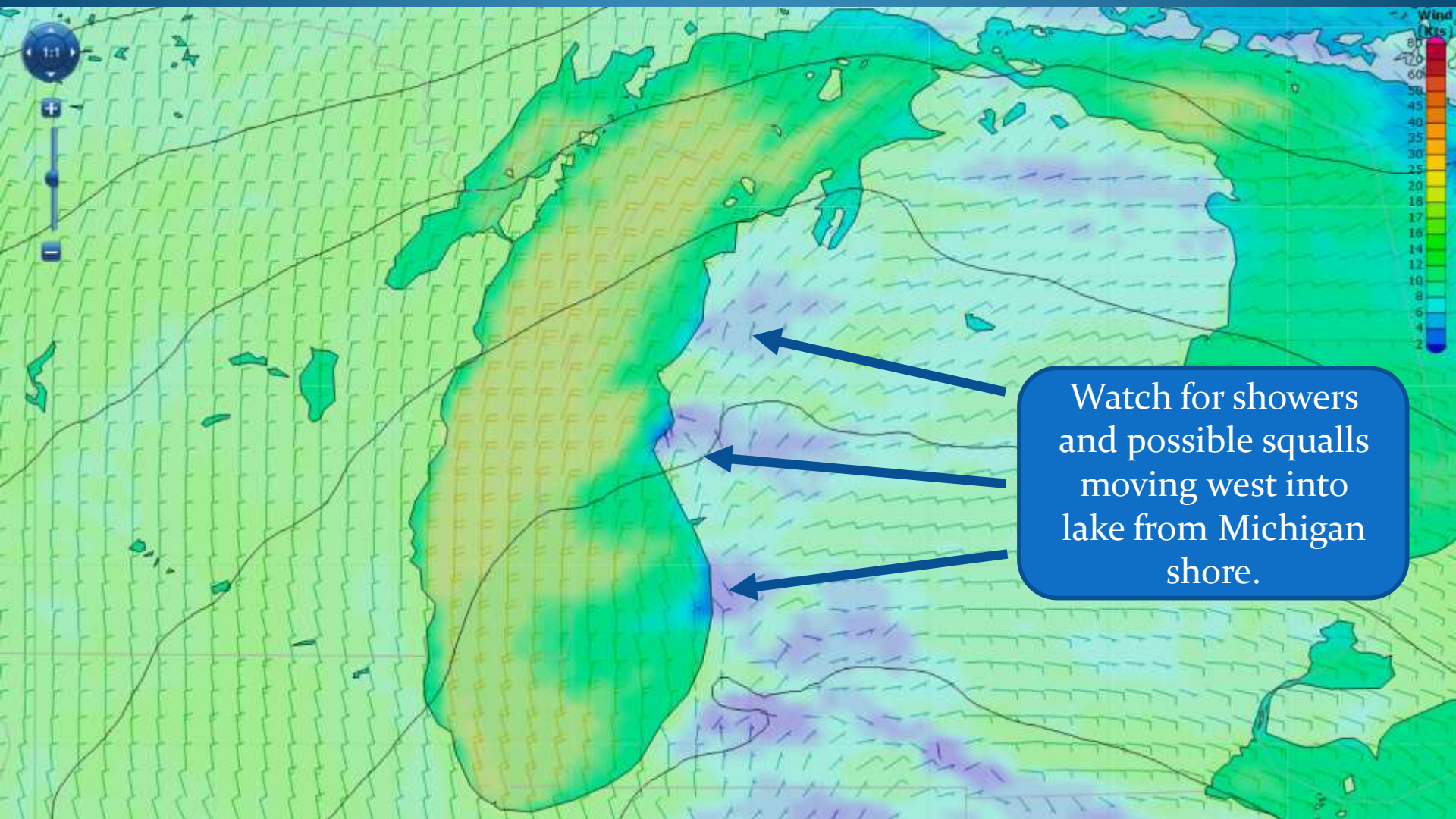




# Surface Weather Map – 1900 SATURDAY

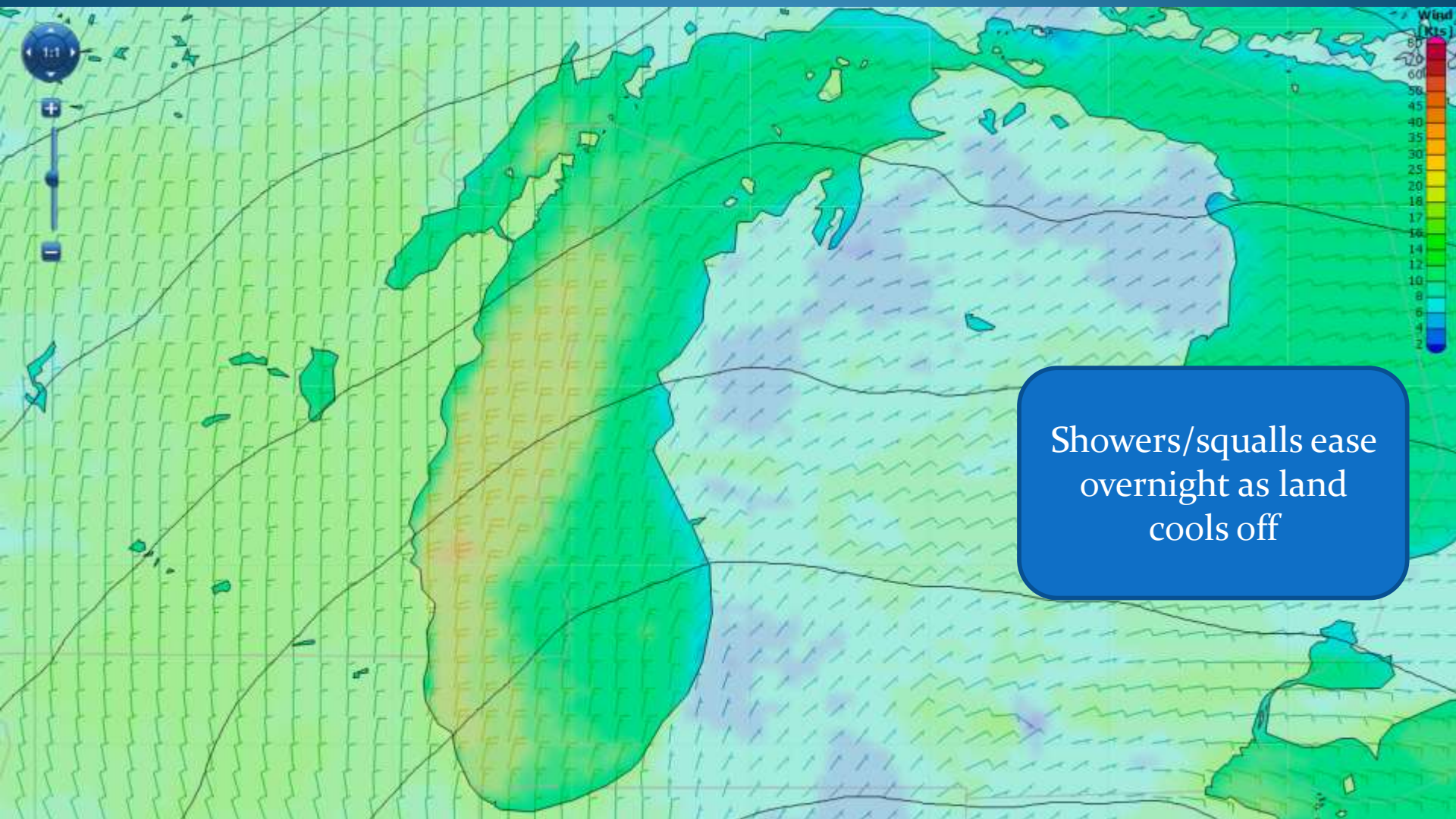


# Surface Wind Forecast – 1900 SATURDAY



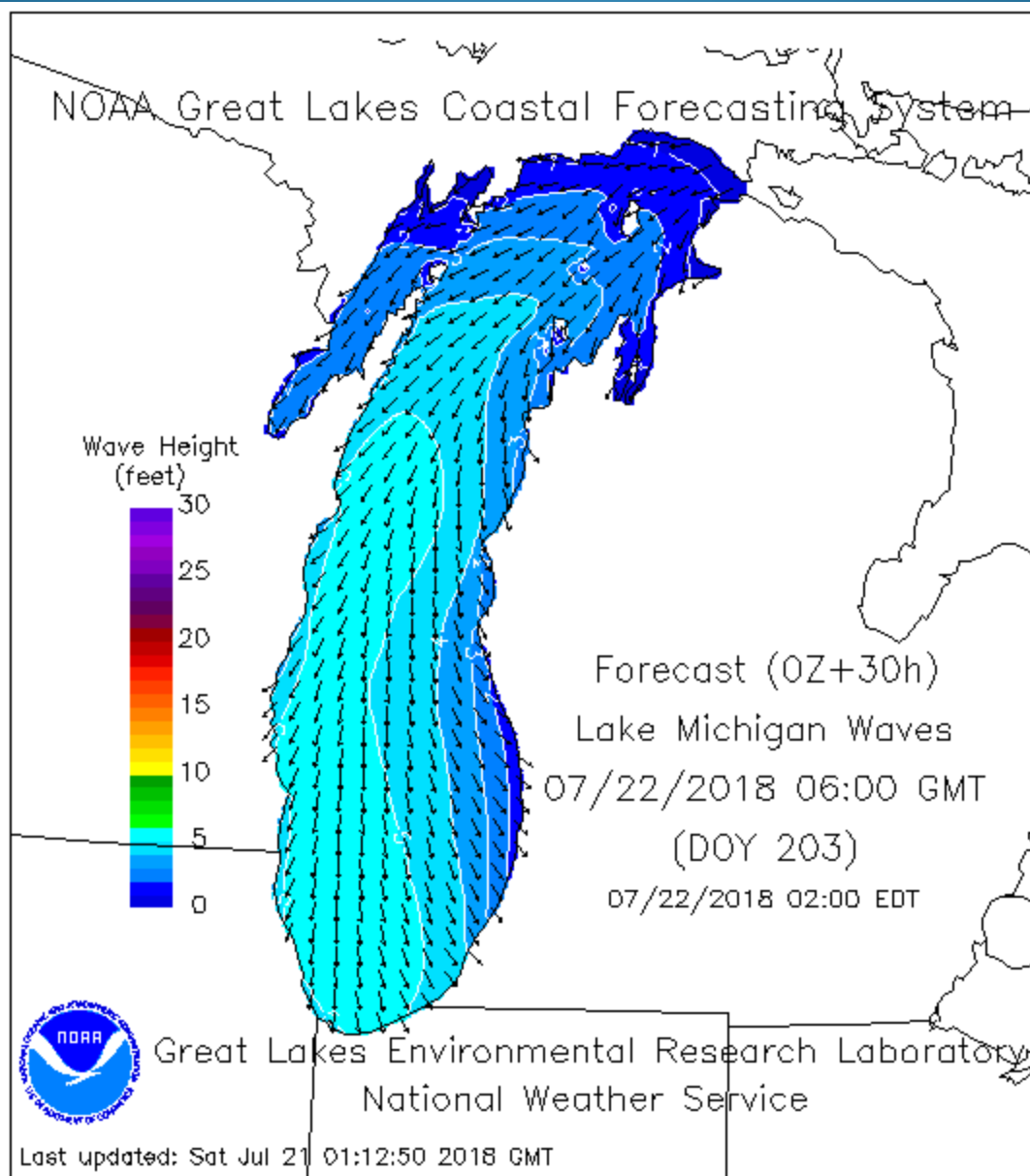


# Surface Wind Forecast – 0100 SUNDAY

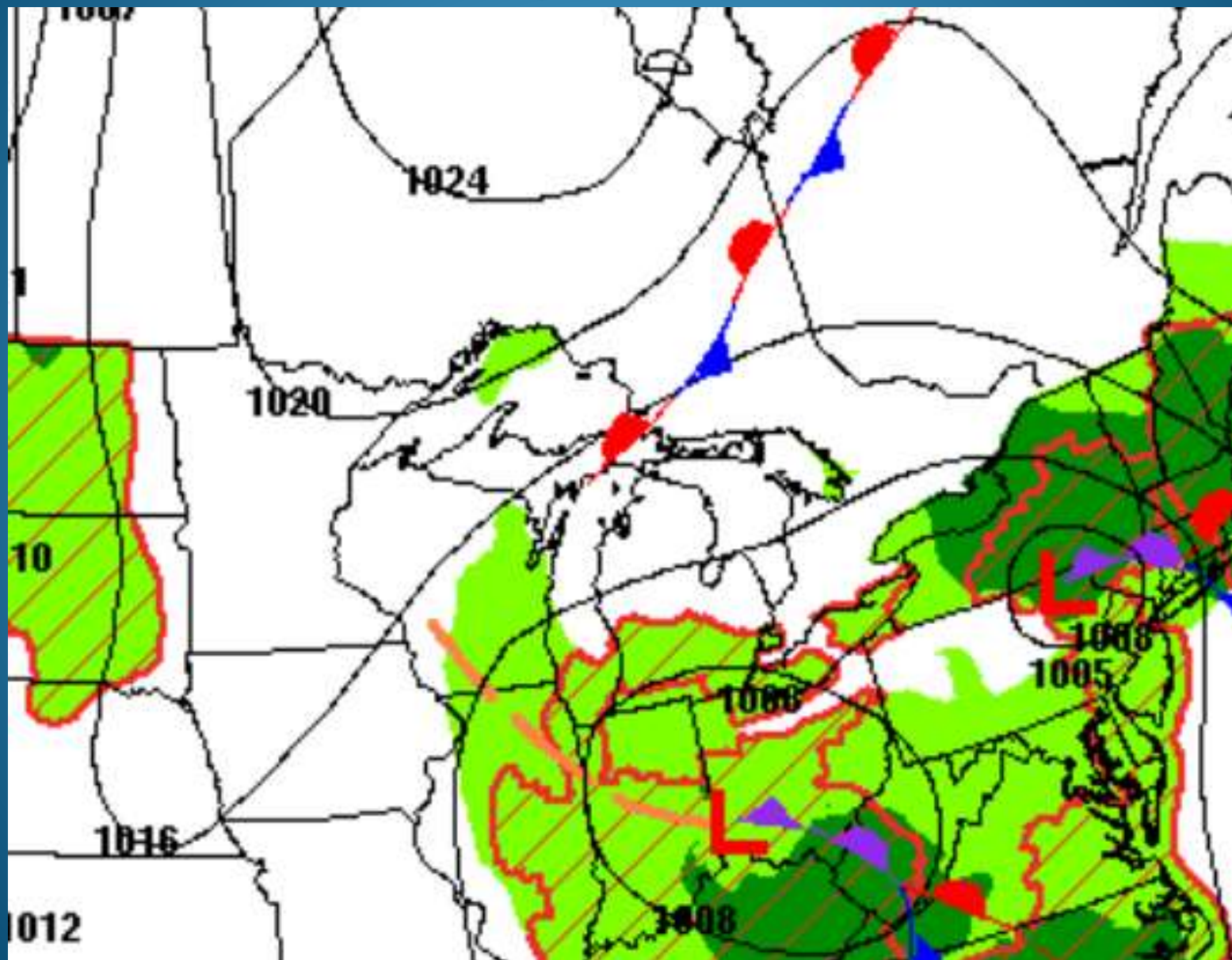




# Wave Forecast – 0100 SUNDAY

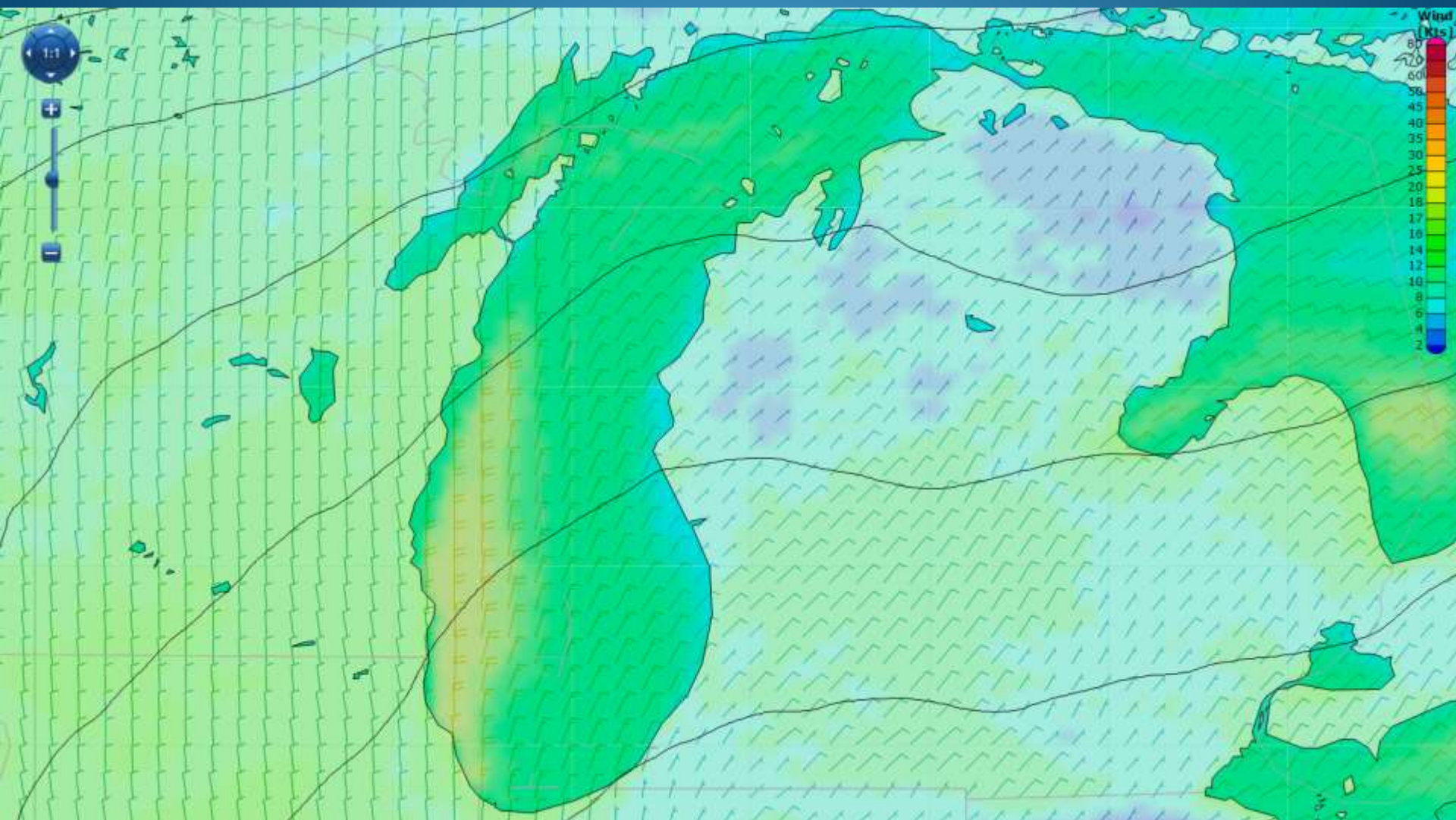


# Surface Weather Map – 0700 SUNDAY



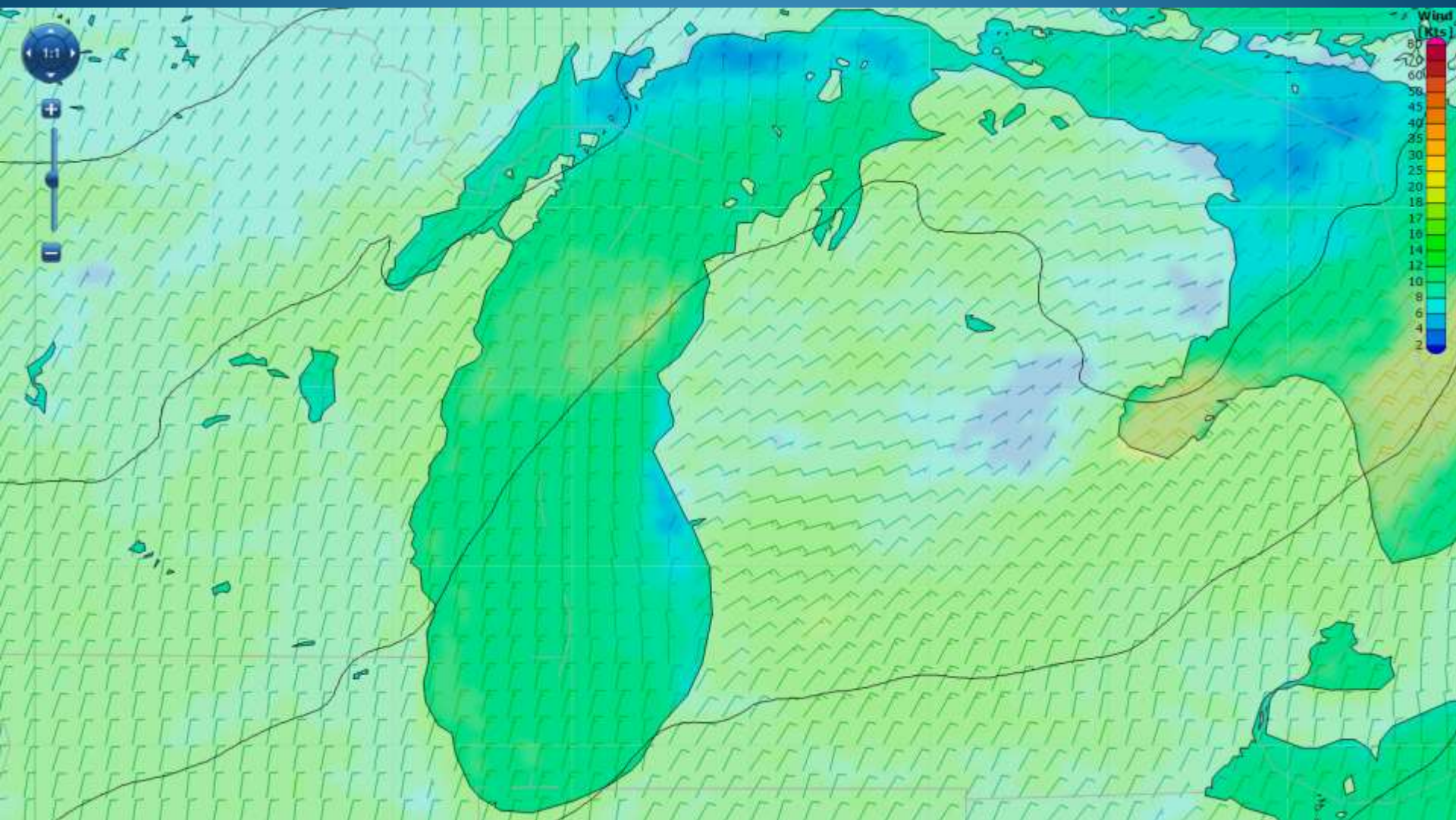


# Surface Wind Forecast – 0700 SUNDAY

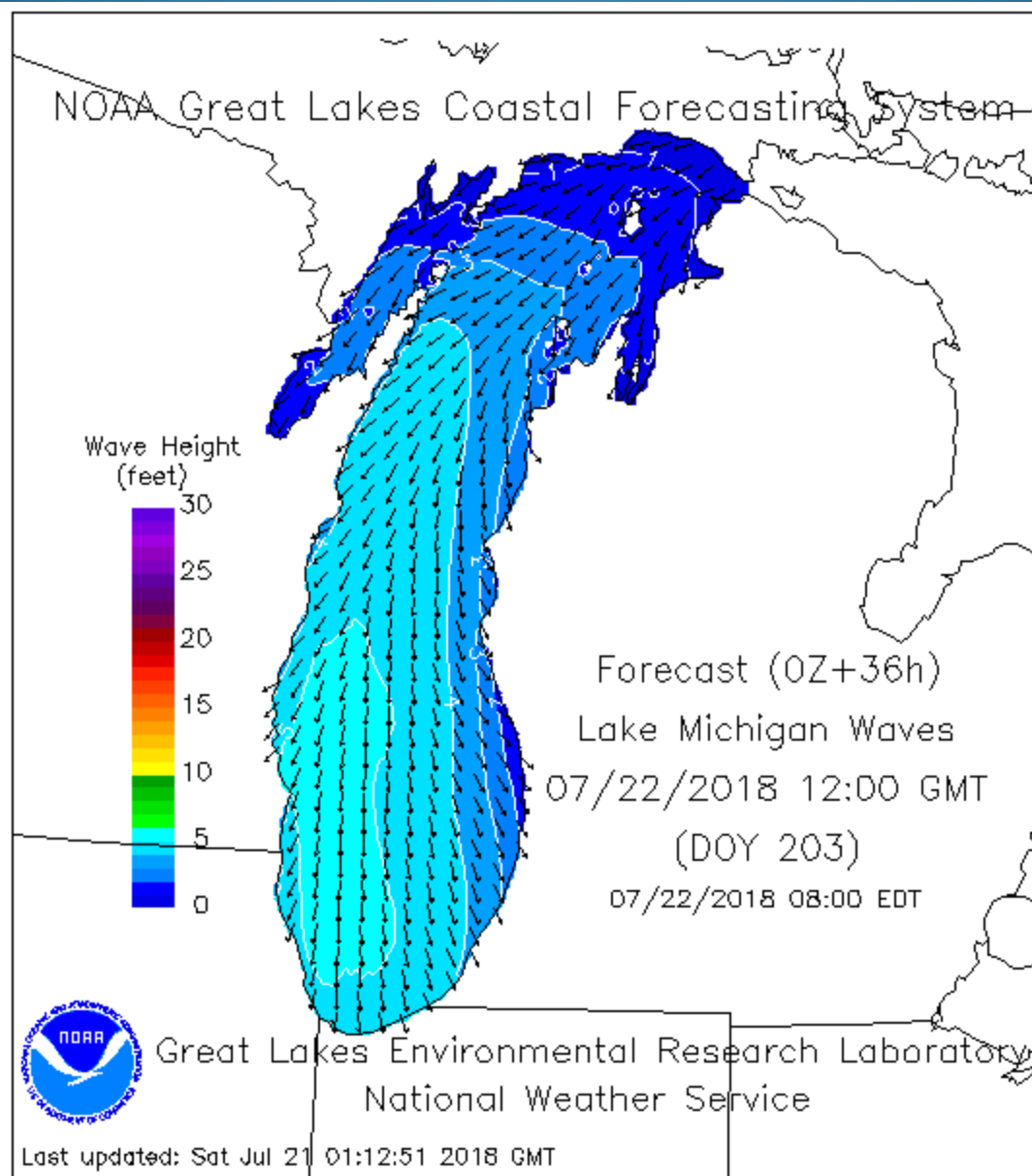




# Surface Wind Forecast – 1300 SUNDAY

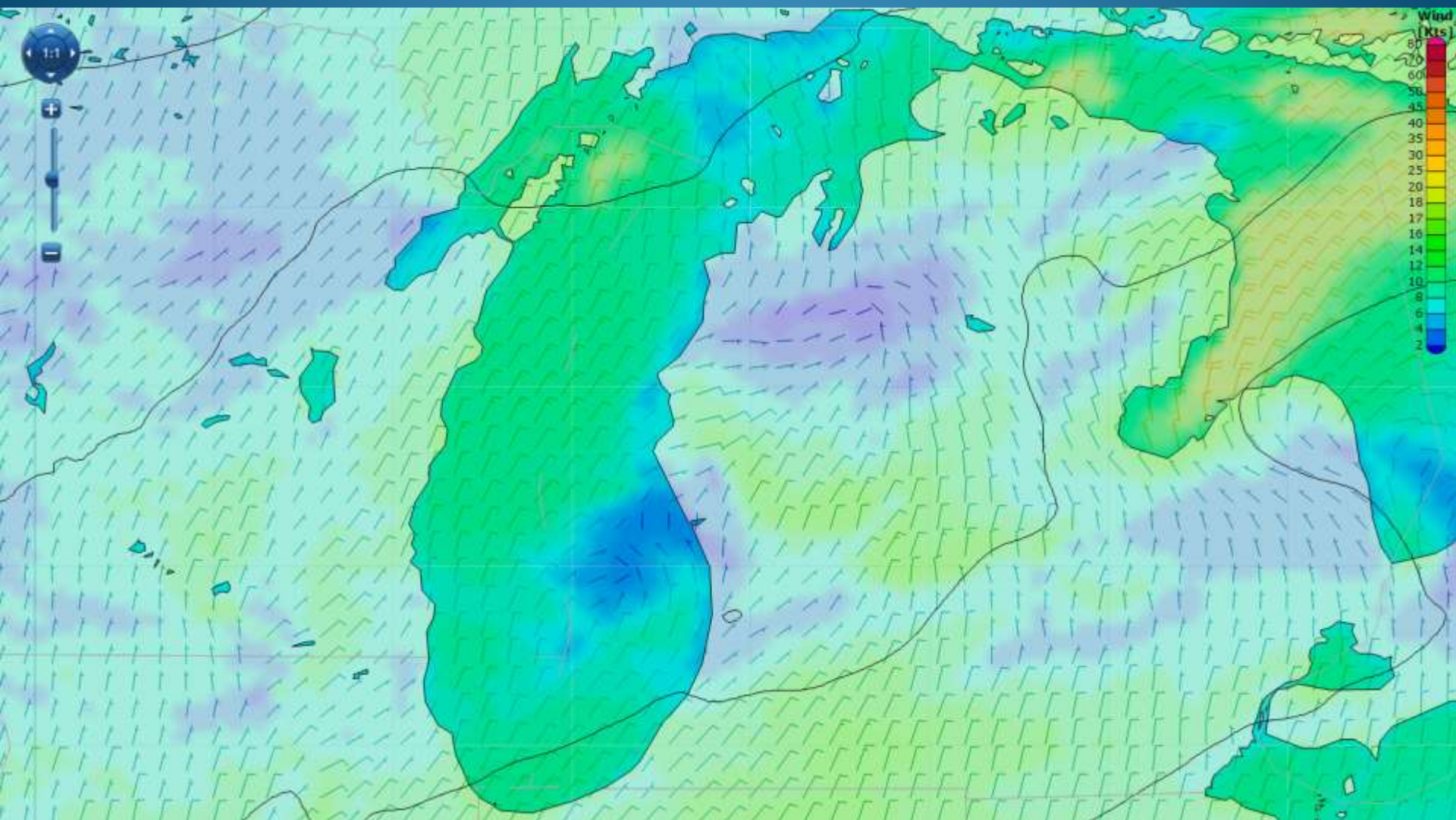


# Wave Forecast – 1300 SUNDAY



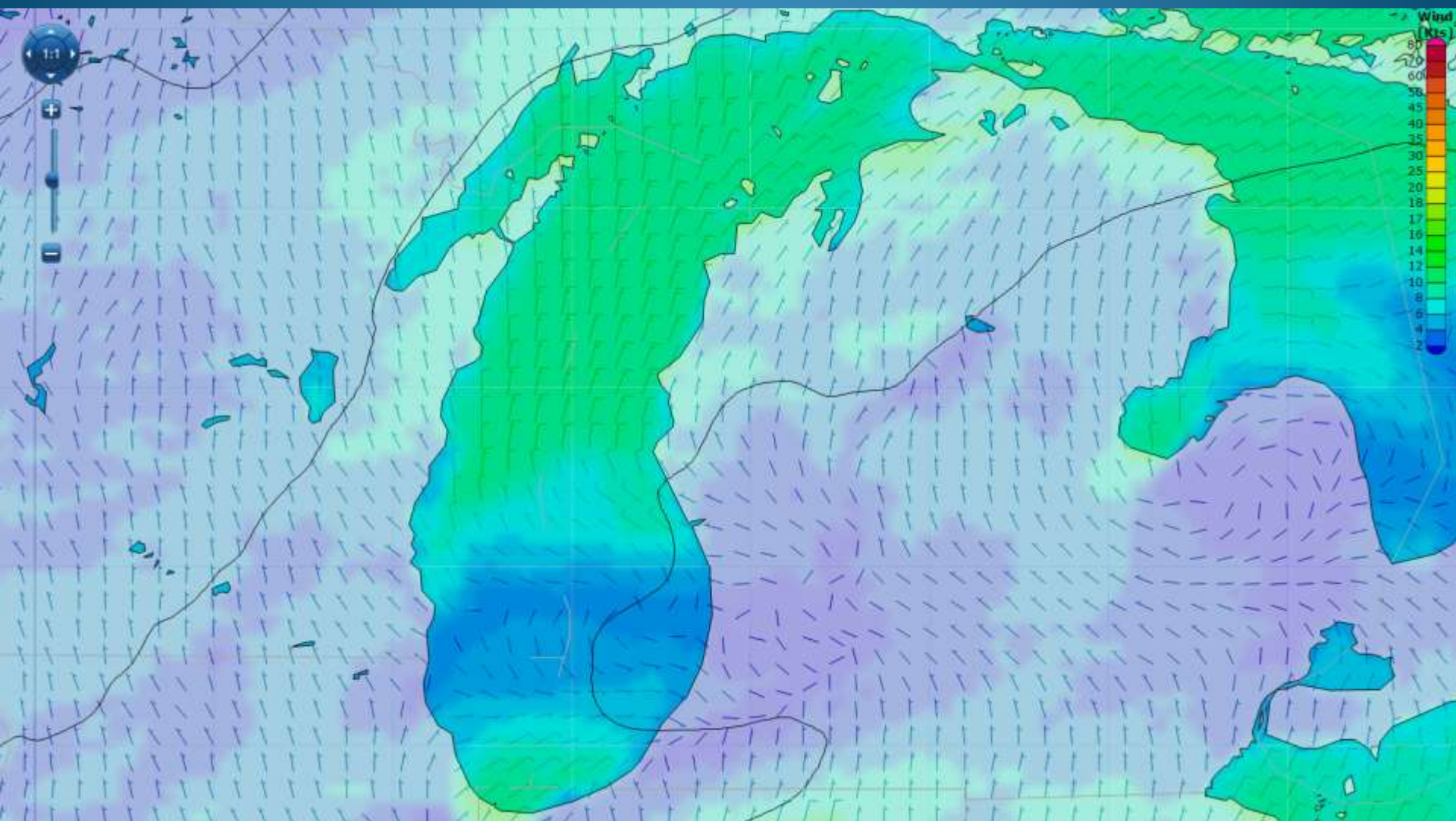


# Surface Wind Forecast – 1900 SUNDAY

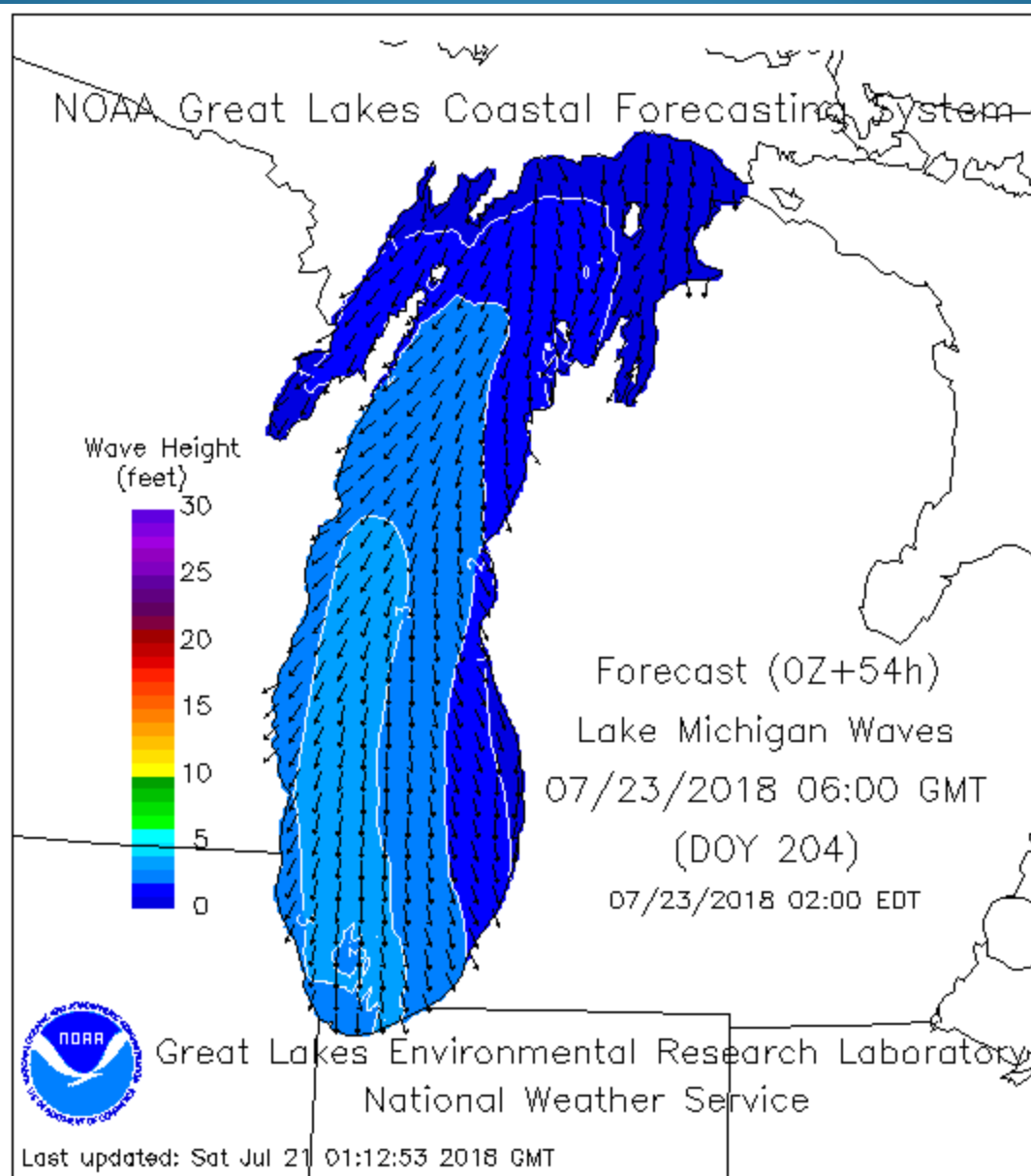




# Surface Wind Forecast – 0100 MONDAY

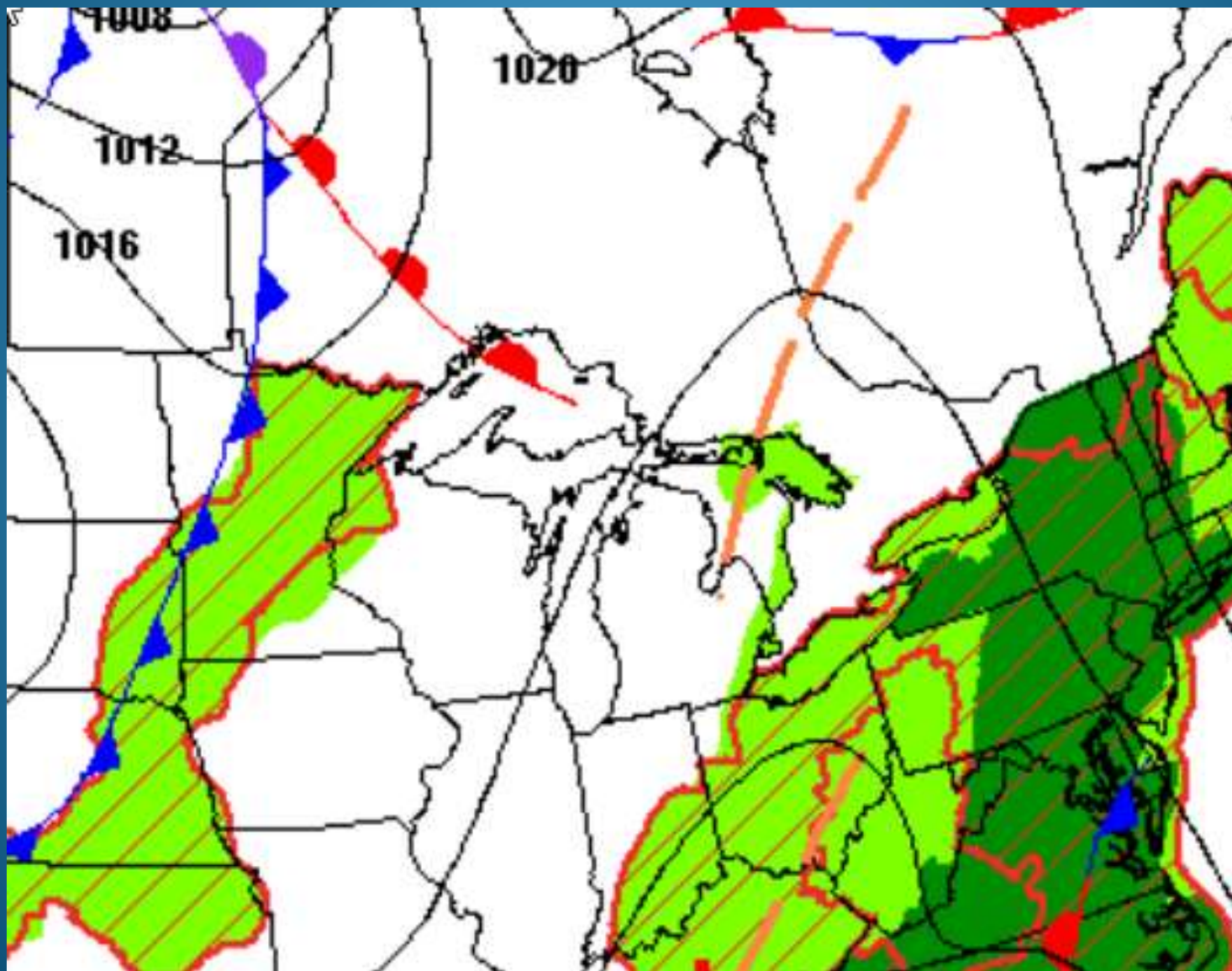


# Wave Forecast – 0100 MONDAY



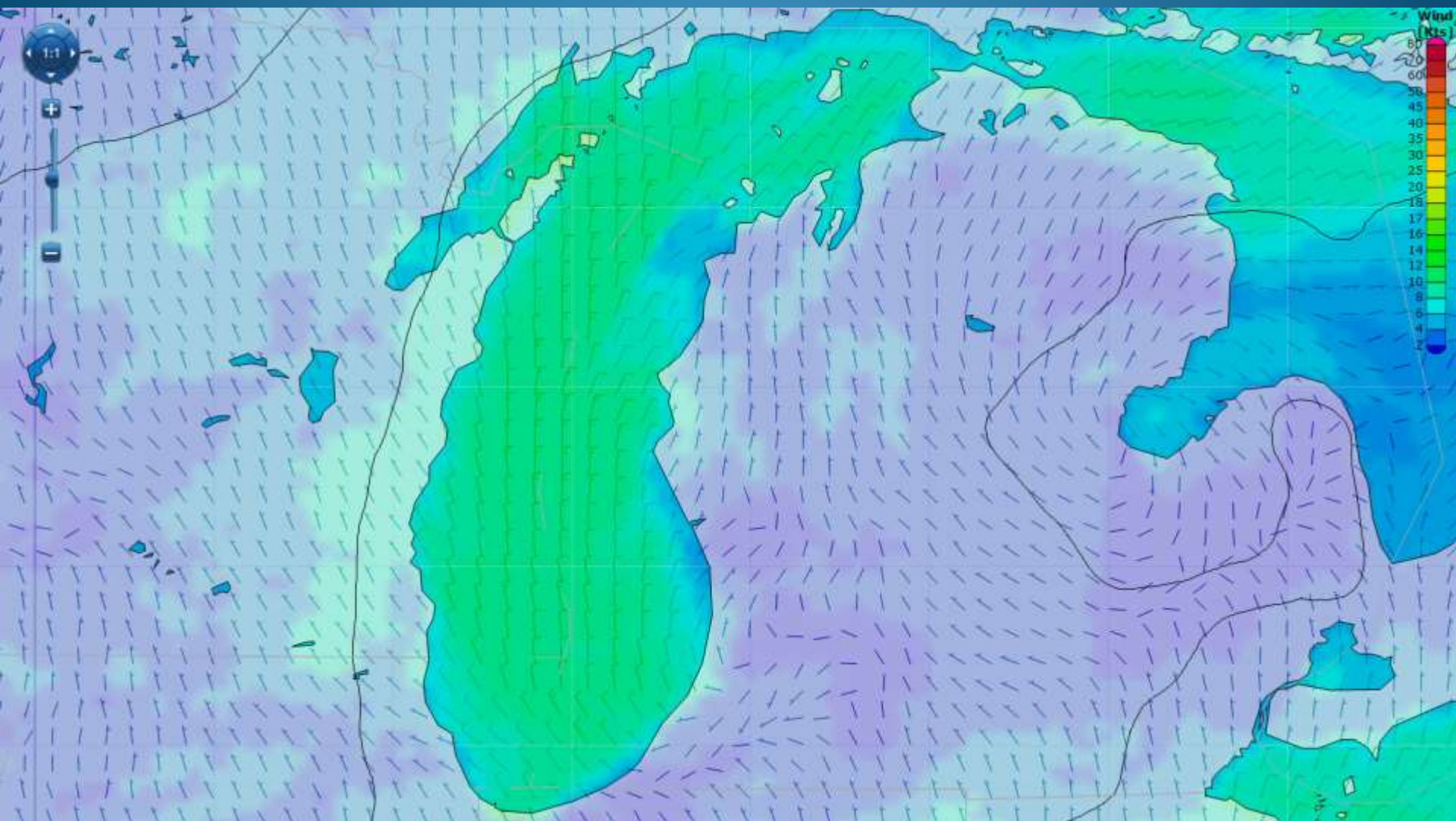


# Surface Weather Map – 0700 MONDAY



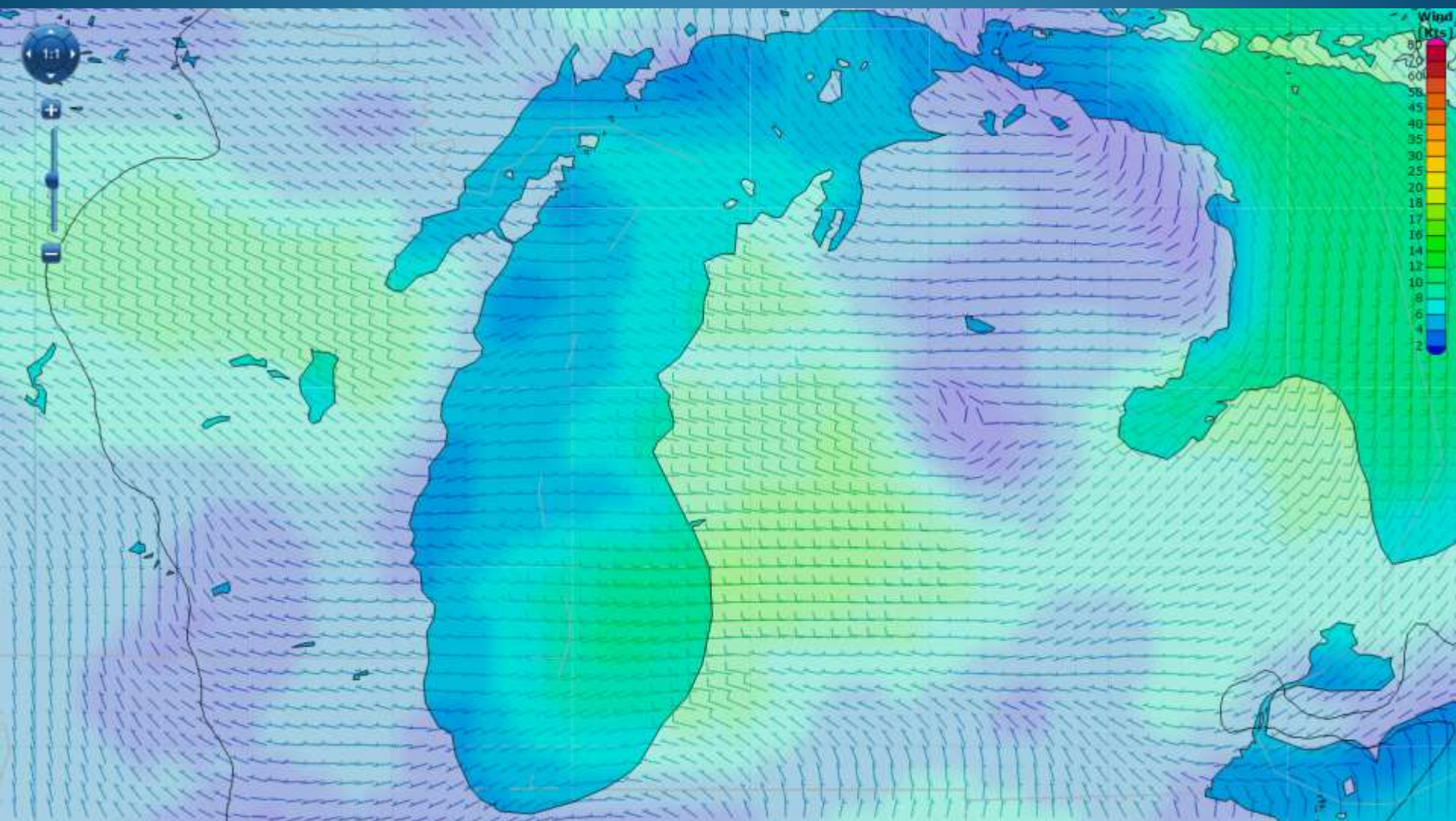


# Surface Wind Forecast – 0700 MONDAY

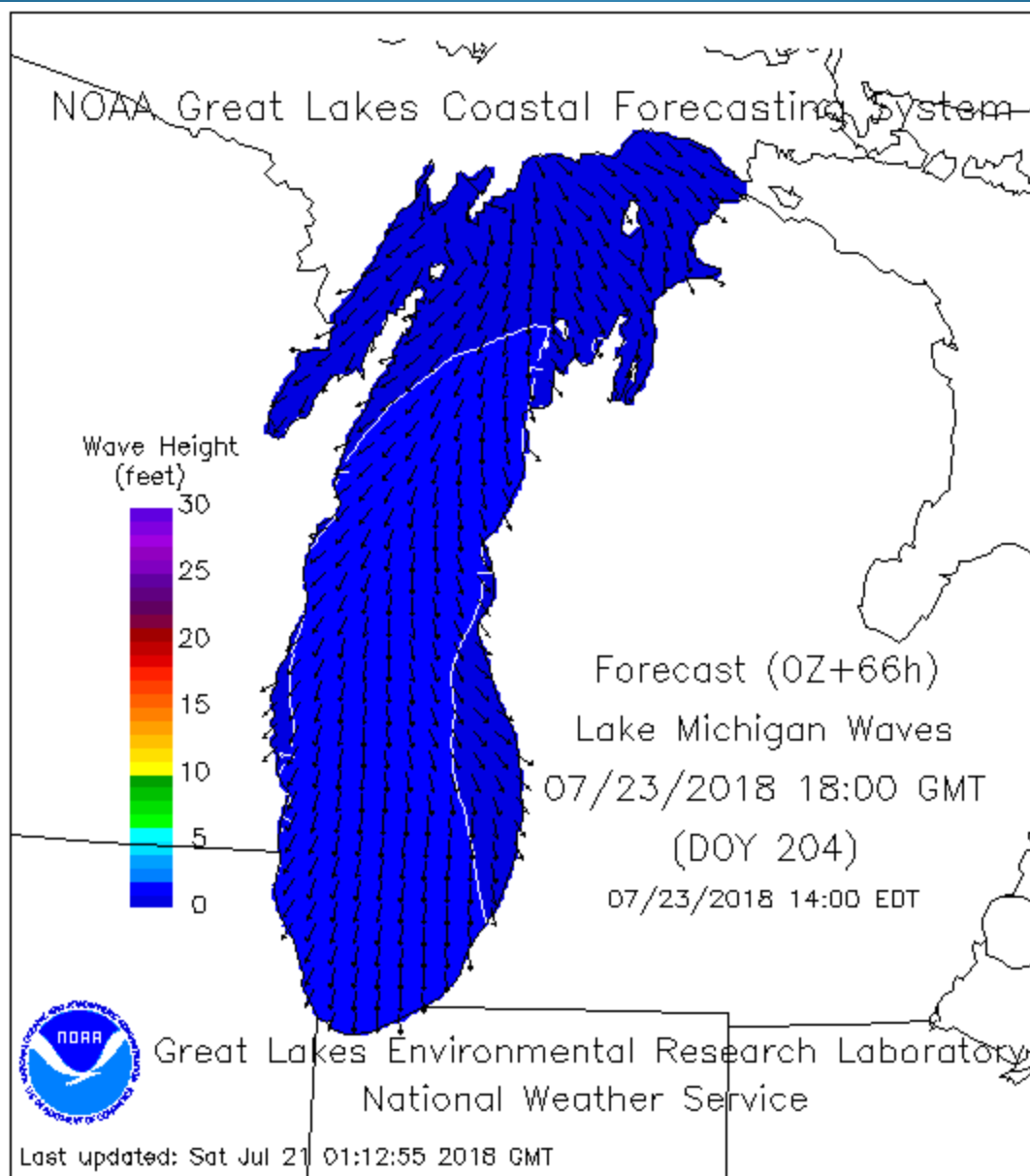




# Surface Wind Forecast – 1300 MONDAY

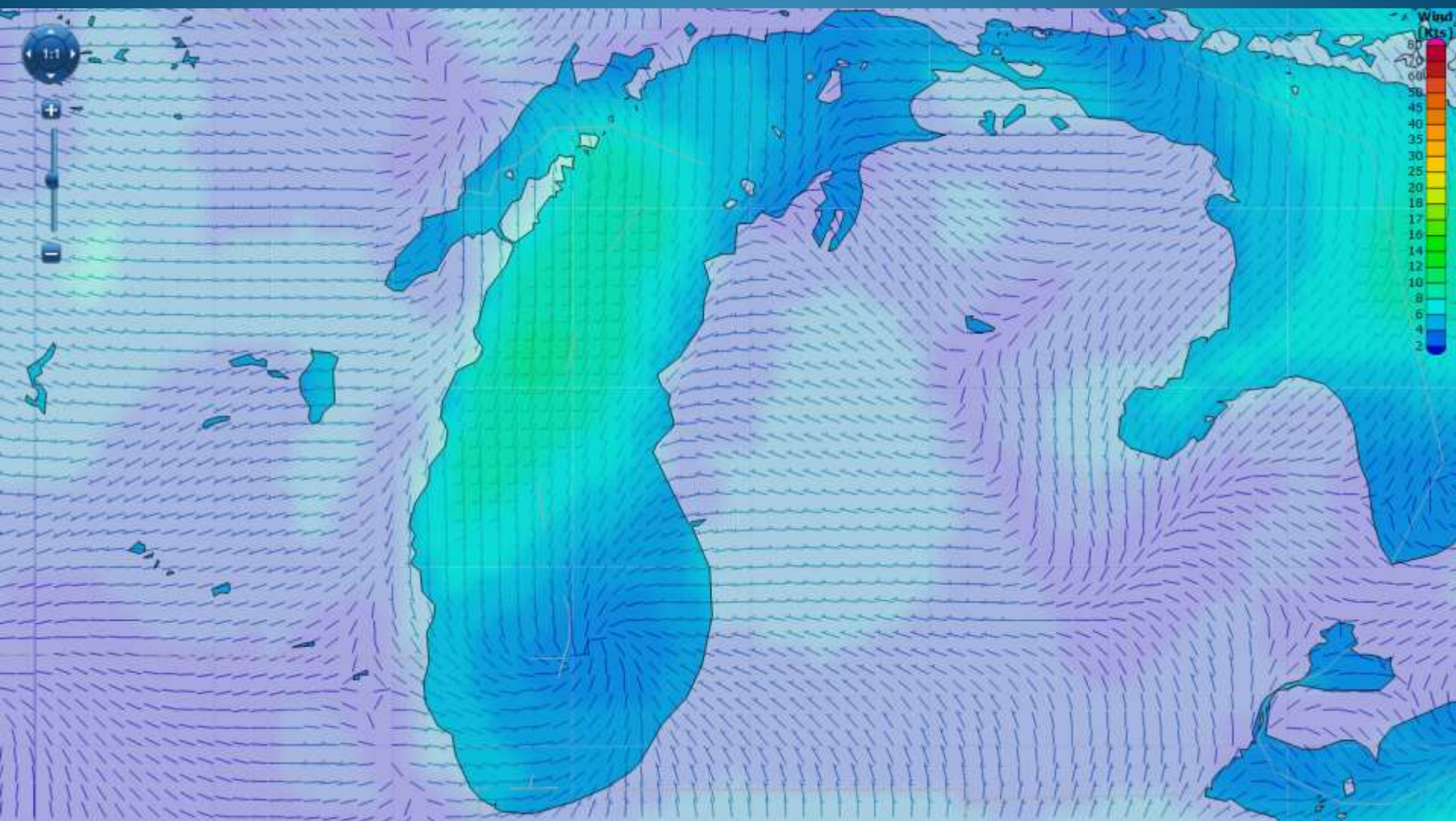


# Wave Forecast – 1300 MONDAY

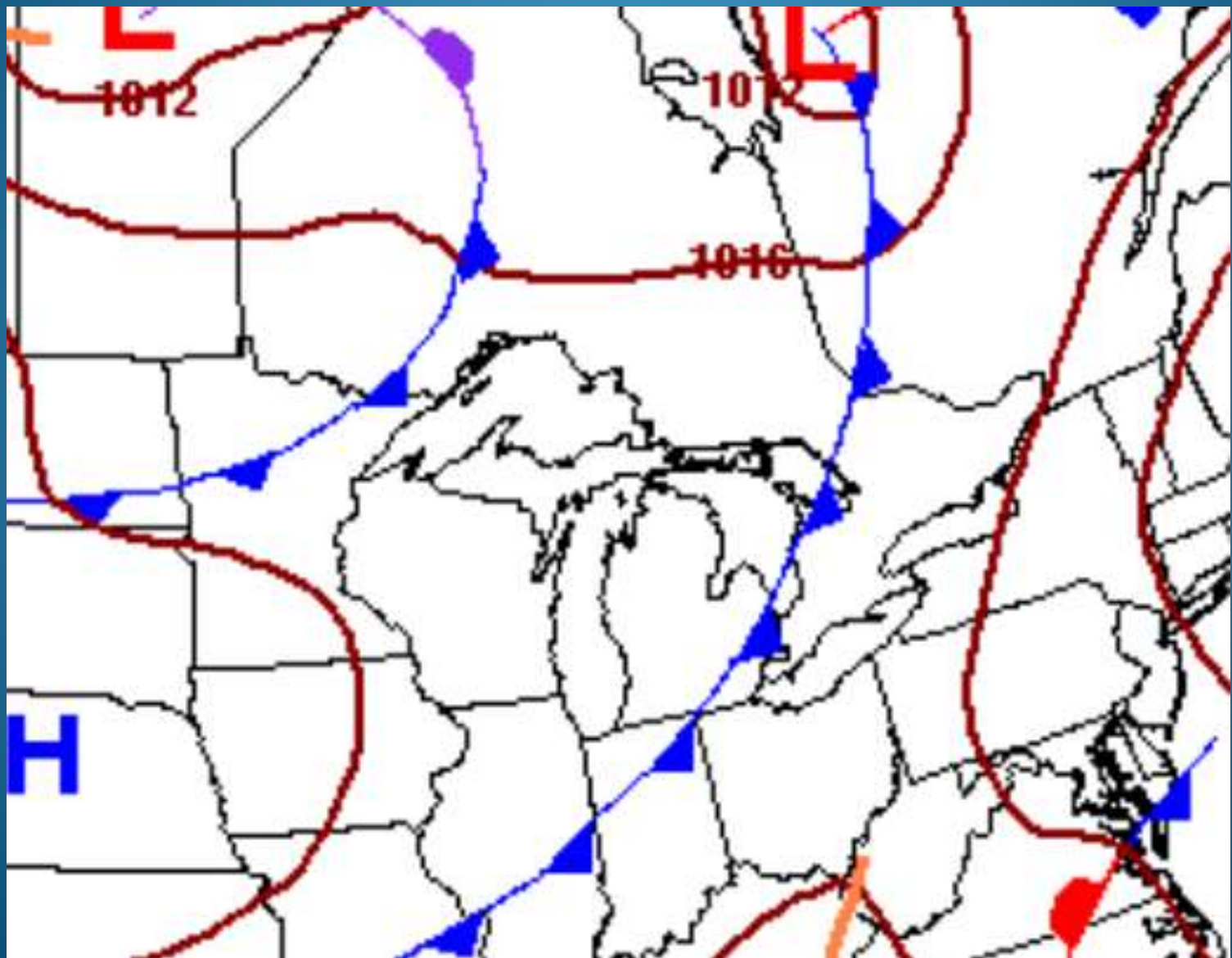




# Surface Wind Forecast – 1900 MONDAY

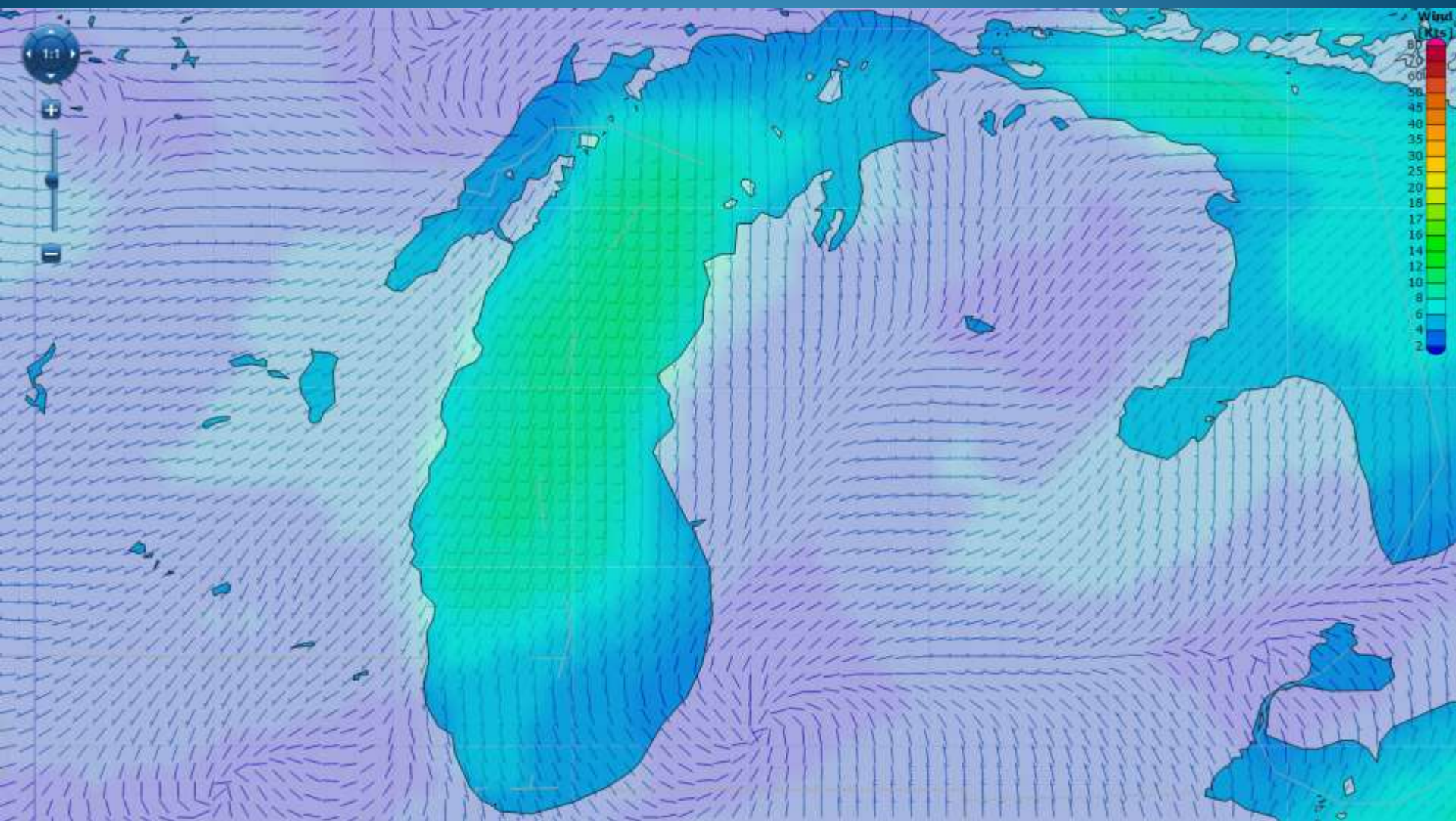


# Surface Weather Map – 0700 TUESDAY





# Surface Wind Forecast – 0100 TUESDAY

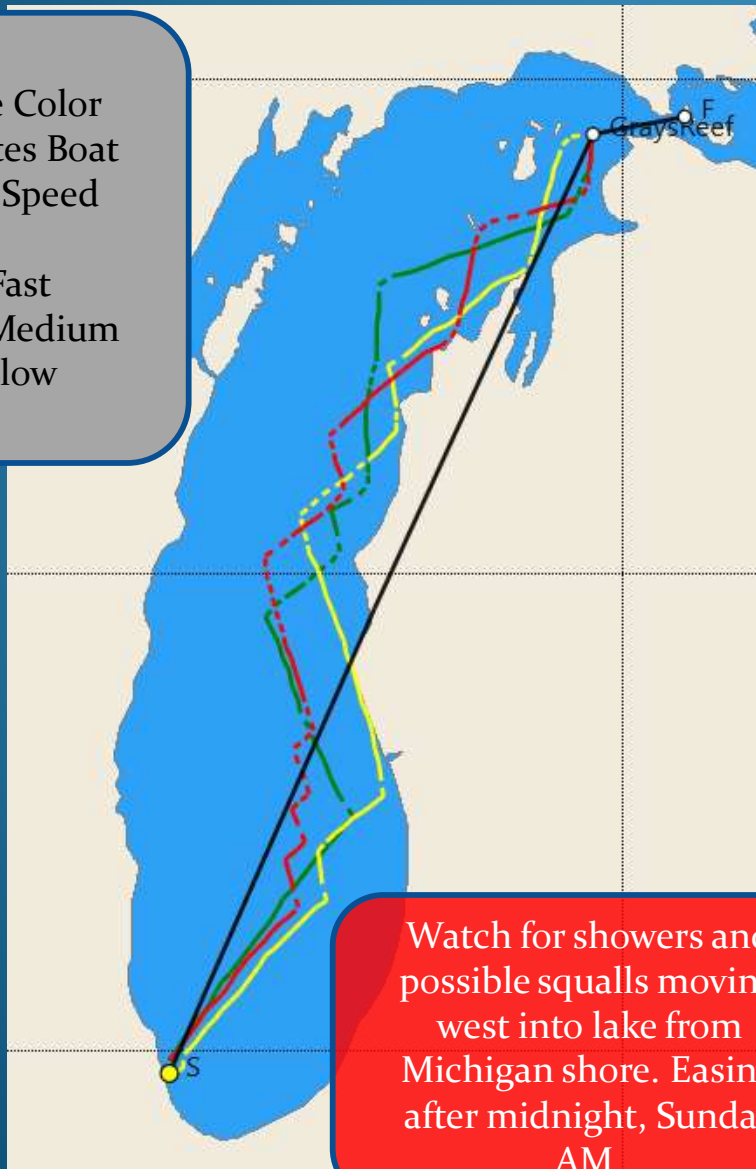




# Optimum Route Analysis – Racing Division

Route Color  
Indicates Boat  
Polar Speed

— = Fast  
— = Medium  
— = Slow



Watch for showers and possible squalls moving west into lake from Michigan shore. Easing after midnight, Sunday AM.

← Early Monday easing N/NW tending W during day. Light W/SW.

← Wind still fresh becoming NE all Areas. 15-20 gusting 25 kts at First, but starting to ease late Sunday and early Monday.

← Veered NE and lighter (10-15) on MI shore. Holding N/NNE, stronger (20-25) and very rough (4-6 ft) mid-lake to WI shore.

← N'lies crossing late. Late Saturday Toward mid-night veering NNE Perhaps NE on MI shore.

← Starting in Fresh N'lies 20-25. Perhaps backed left to NNW at Start.