



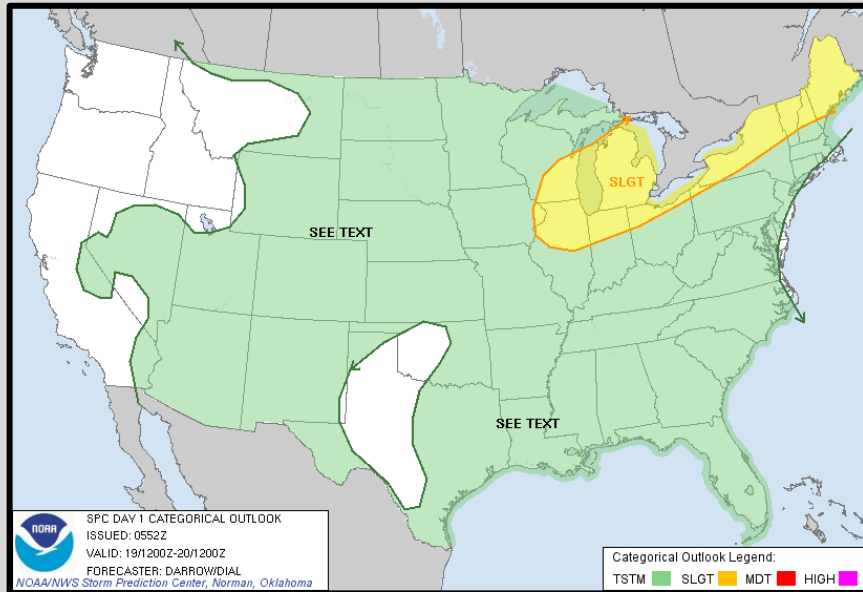
Slide #1

Severe Weather Potential

Through Friday Evening



Severe Weather Outlook for Friday



Event Summary

Some Storms Late This Morning

Greater Severe Threat This Afternoon

Heat Continues Today

Windy Conditions Today

**Click on the Image for the Most Current
Day 1 Severe Weather Outlook**

Posted: July 19, 2013 – 10am EDT

weather.gov/grandrapids





Hot, Humid and Windy Friday



What

- Temperatures in the lower to mid 90s
- Heat index values around or slightly above 100
- Some relief from the Heat this afternoon after showers/thunderstorms
- Significant Relief from the Heat and Humidity Saturday

Windy with Gusts to 35 mph or greater at times all day

When

- Peak Heat Index Values to occur before 6pm Friday

Where

- All of Lower Michigan





Severe Weather Potential

Friday



What

Severe Thunderstorms Possible Through Late this Evening
All Storms Today Have the Potential to Become Severe

Greatest Threats:

- **Damaging Winds** – Could Exceed 70 mph in Strongest Storms
- **Flooding** - 1 to 3 inches of rain could fall in a short period of time
- Large Hail

Lesser Threat:

- Tornadoes

When

- Late Morning through around midnight tonight

Where

- All of Lower Michigan

Forecast Confidence

- Confidence of Storm Development is **High**
- Confidence for Severe Weather is **Moderate to High**



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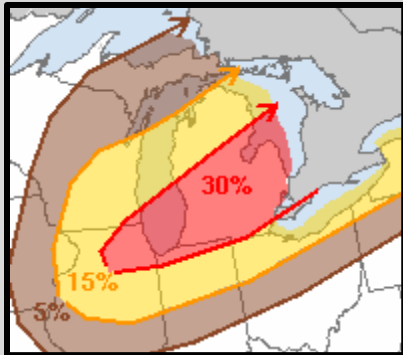
Severe Weather Threat Potential



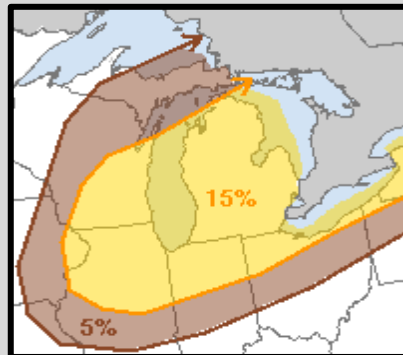
Slide #4

Friday

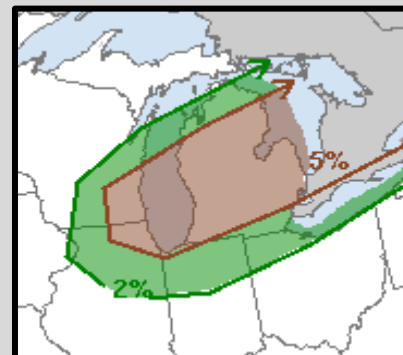
Damaging Wind Threat Area



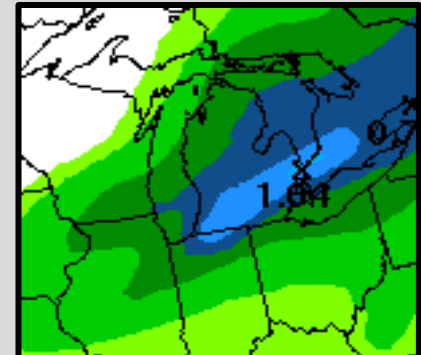
Large Hail Threat Area



Tornado Threat Area



Heavy Rain Potential



Damaging Winds	High		Medium	Low
Large Hail	High		Medium	
Tornado	High		Medium	Low
Flooding	High		Medium	

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Slide #5

Forecast Radar Friday



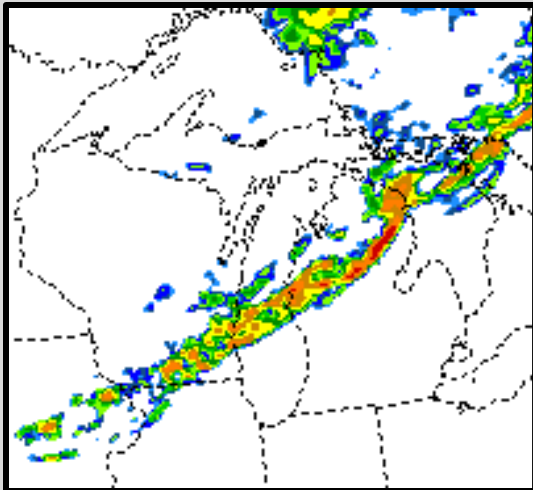
Multiple Rounds of Storms Possible

First Line of Storms This Afternoon

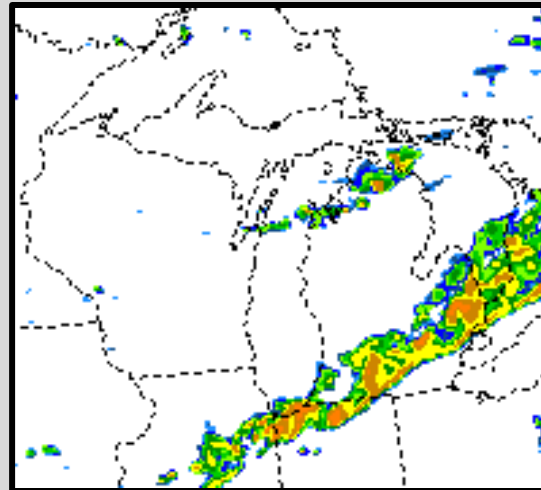
Additional Line of Storms Expected This Evening

Severe Weather Possible With All Storms

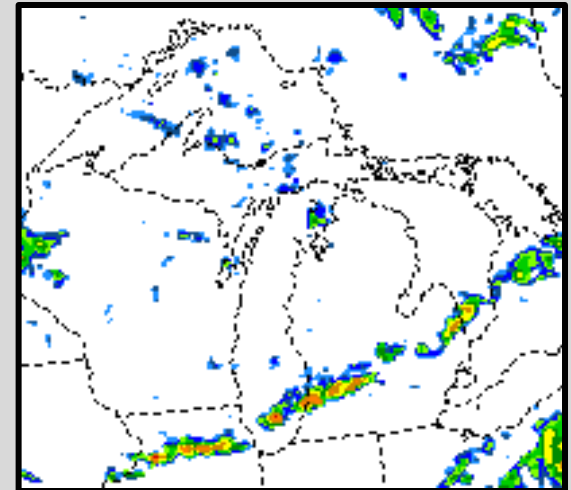
**Forecast Radar
Noon Friday**



**Forecast Radar
5pm Friday**



**Forecast Radar
10 pm Friday**



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Slide #6

Hazards Summary Review



- **Severe Thunderstorms Possible through This Evening**
 - All of Lower Michigan
 - Multiple Rounds of Storms Possible – All Storms Have Severe Potential
- **Main Threats**
 - Damaging winds
 - Large hail
 - Flooding
- Lesser threat for tornadoes
- Hot, Humid and Windy Today – Relief from Heat Tomorrow



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Slide #7

Important Web Links



Click the Links Below for More Information



Severe Weather Briefing Slides

www.weather.gov/grr/webinars

Regional Weather Radar Loop

www.weather.gov/radar

Severe Weather Summary

www.crh.noaa.gov/hazards/grr

Storm Prediction Center

www.spc.noaa.gov

NOAA National Weather Service - Grand Rapids, Michigan

www.weather.gov/grandrapids

Email: w-grr.webmaster@noaa.gov

Phone: 616-949-0643



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