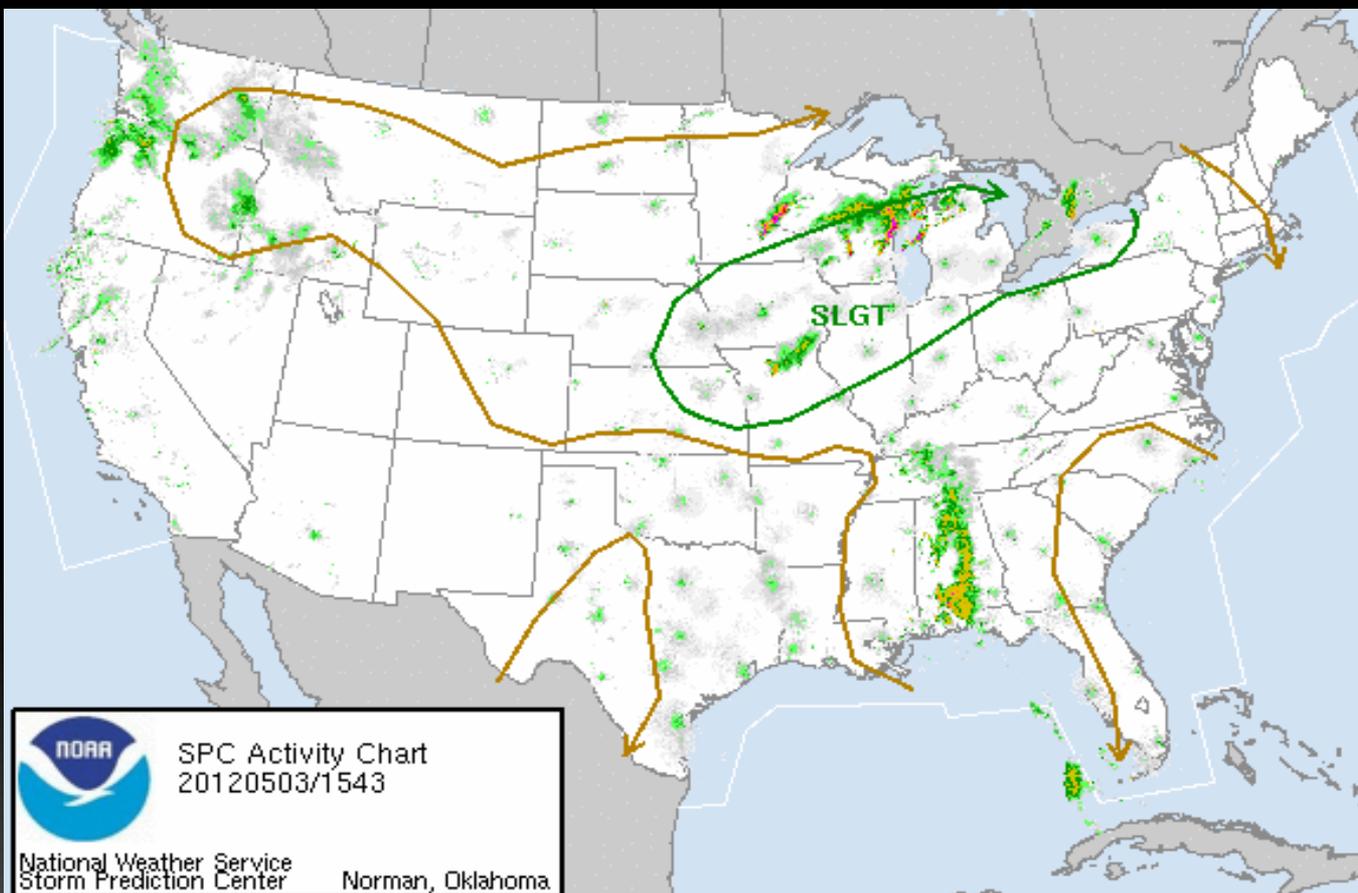


# WEATHER BRIEFING

National Weather Service Grand Rapids MI

Severe Weather Webinar



# Possible Watch Soon

## Severe Thunderstorm

### Current Mesoscale Discussions

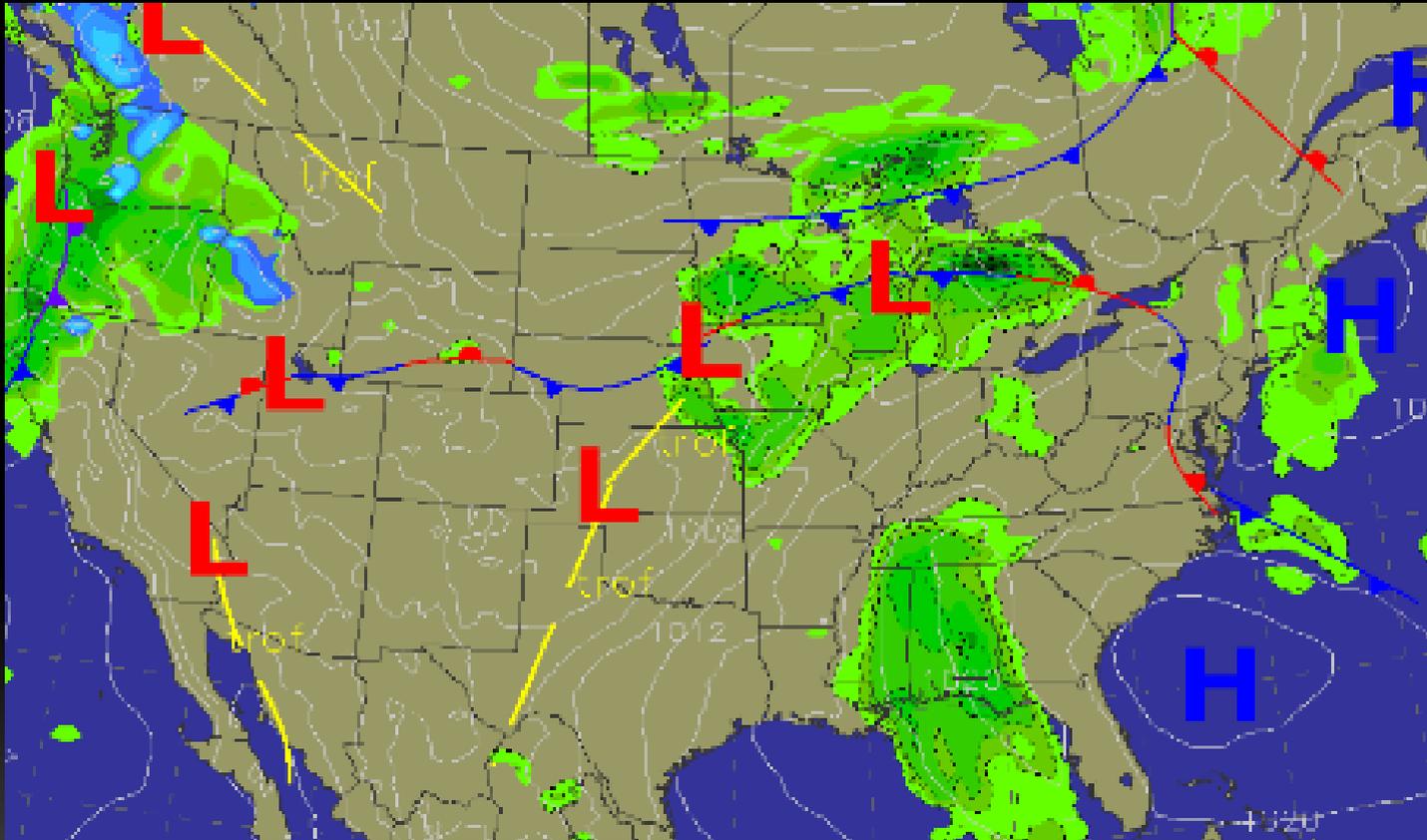
Updated: Thu May 3 16:03:03 UTC 2012





# WEATHER BRIEFING

## Weather Map

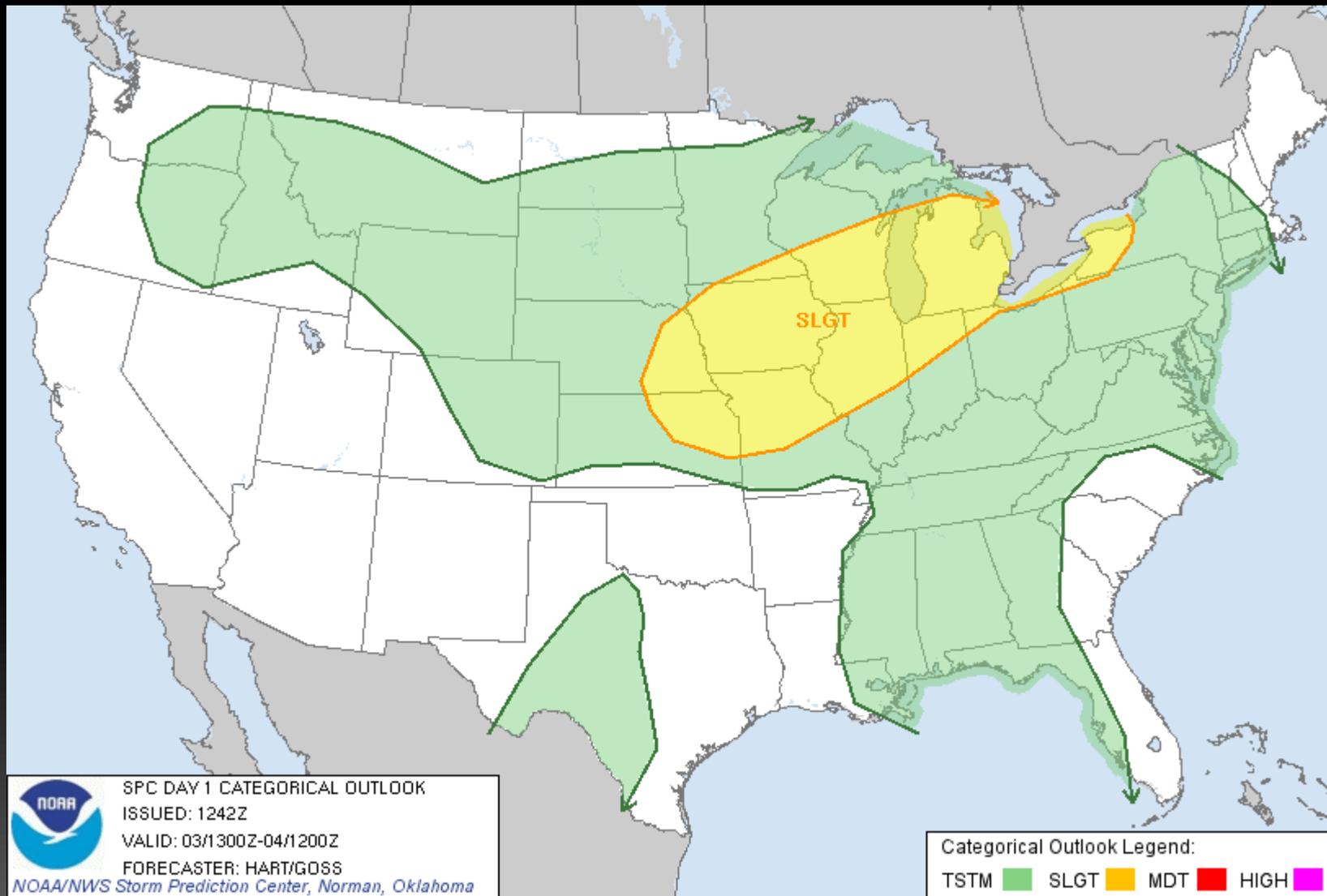


**Weather map valid at 200pm Thursday**



# WEATHER BRIEFING

## SPC Severe Weather Outlook





# WEATHER BRIEFING



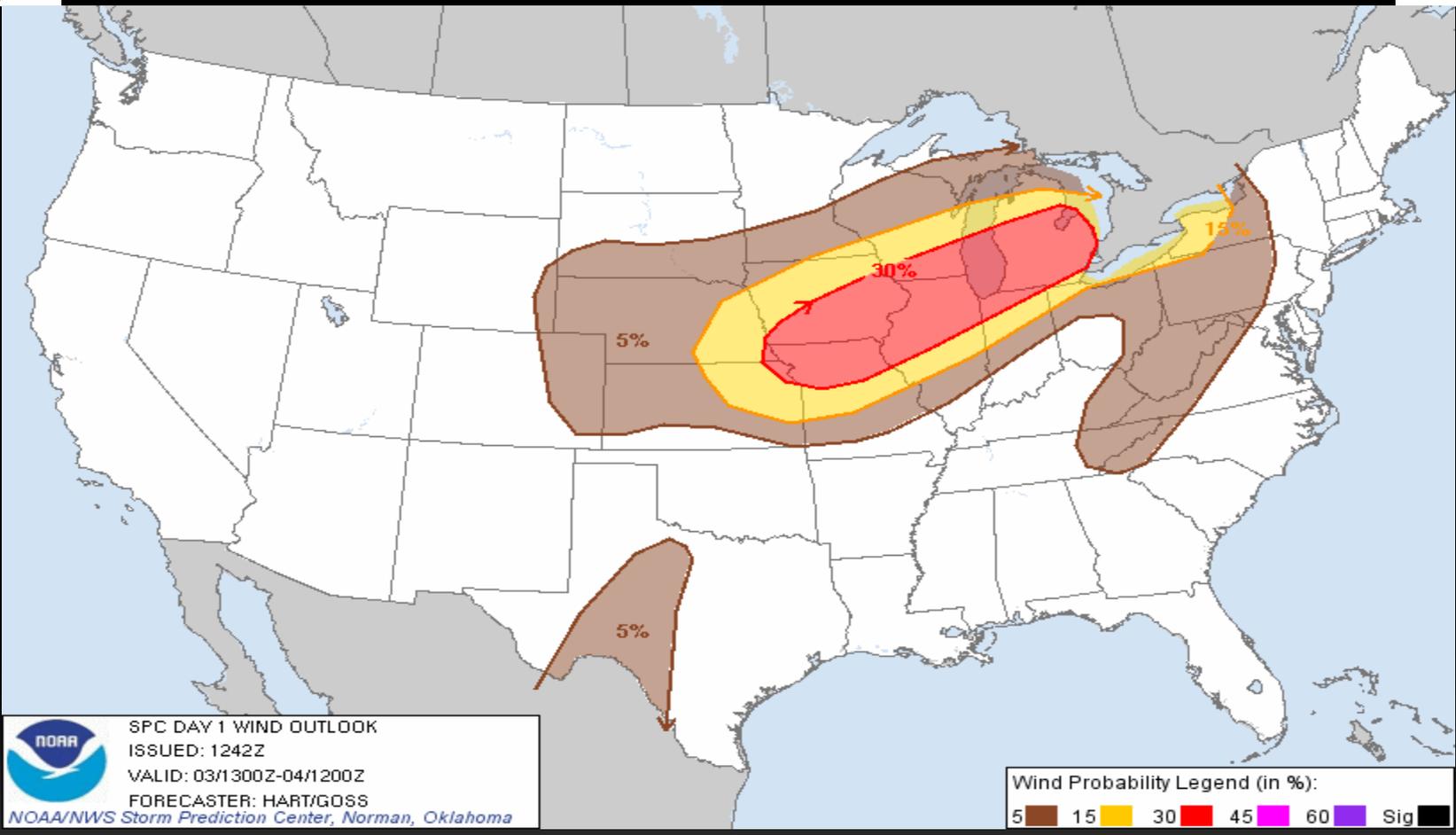
## Severe Weather Details

|                               |  |
|-------------------------------|--|
| <b>Evolution</b>              | <ul style="list-style-type: none"><li>• A bowing line of thunderstorms developing this afternoon with damaging winds, large hail, perhaps an isolated tornado. Very heavy rain and frequent lightning will accompany the passage of these storms.</li><li>• Additional thunderstorms could form tonight. These may impact mainly the area along and south of Interstate 96</li></ul> |
| <b>Time Period of Concern</b> | <ul style="list-style-type: none"><li>• Now through 8 am Friday</li></ul>  |
| <b>Area of concern</b>        | <ul style="list-style-type: none"><li>• All of Southwest Lower Michigan could be impacted</li></ul>  |
| <b>Confidence Level</b>       | <ul style="list-style-type: none"><li>• Medium</li><li>• Where the Thunderstorms persist or repeat, more than 3 inches of rain could fall.</li></ul>   |



# WEATHER BRIEFING

## Wind Potential



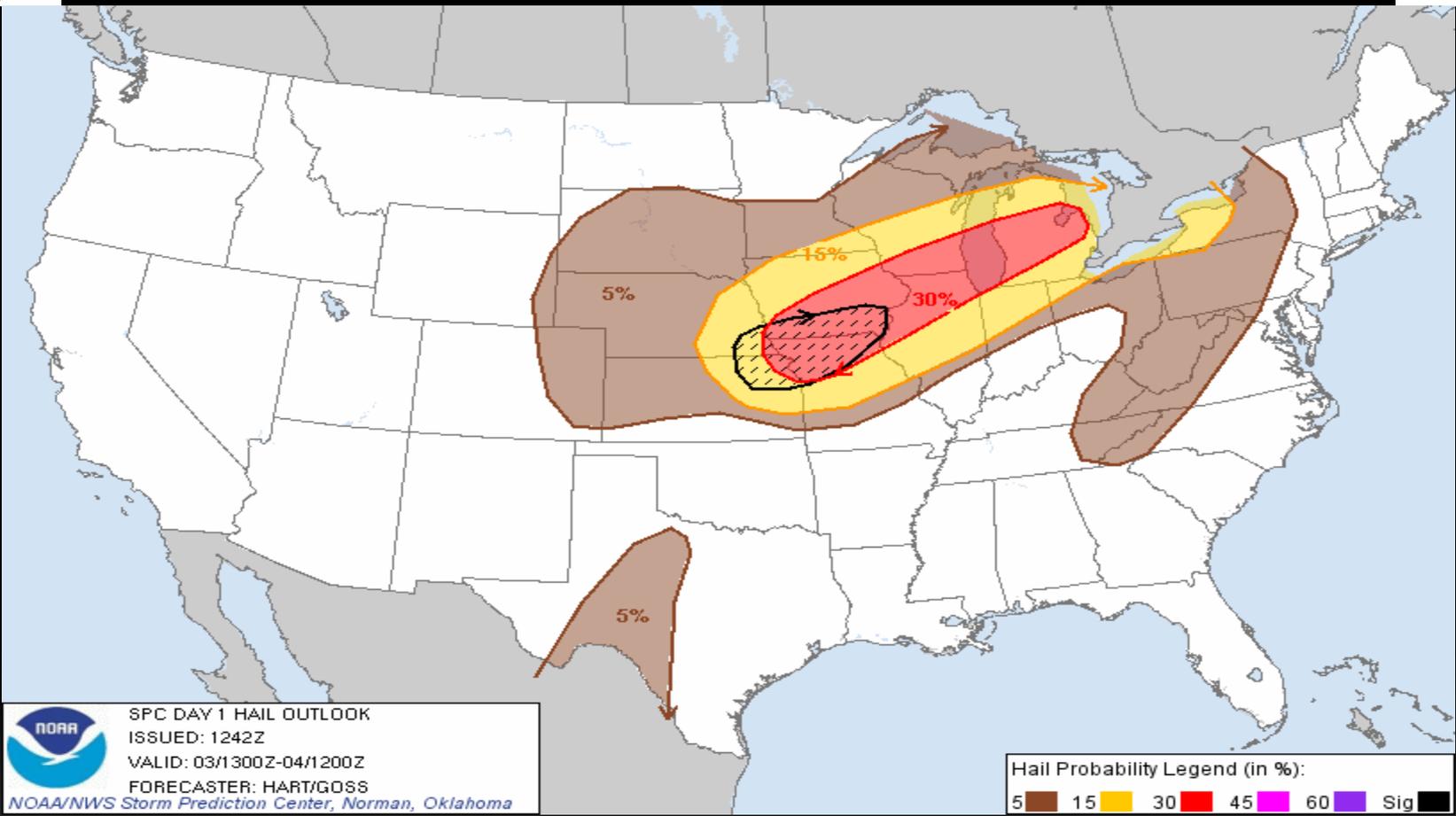
### Wind Threat

- This afternoon and Tonight
- Gusts in excess of 60 mph possible
- Widespread



# WEATHER BRIEFING

## Hail Potential



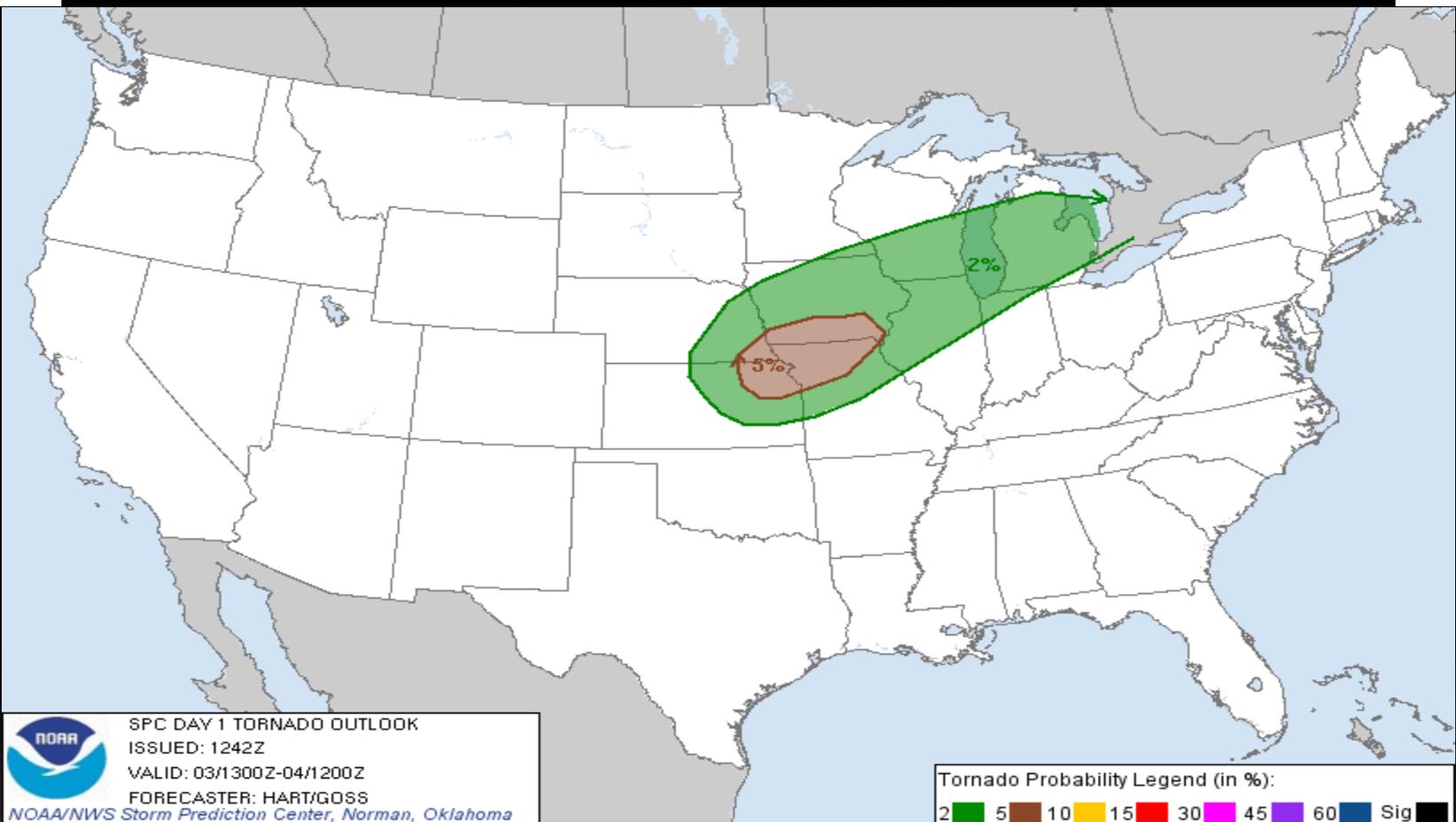
### Hail Threat

- This afternoon through Tonight
- Greater than an inch in diameter



# WEATHER BRIEFING

## Tornado Potential



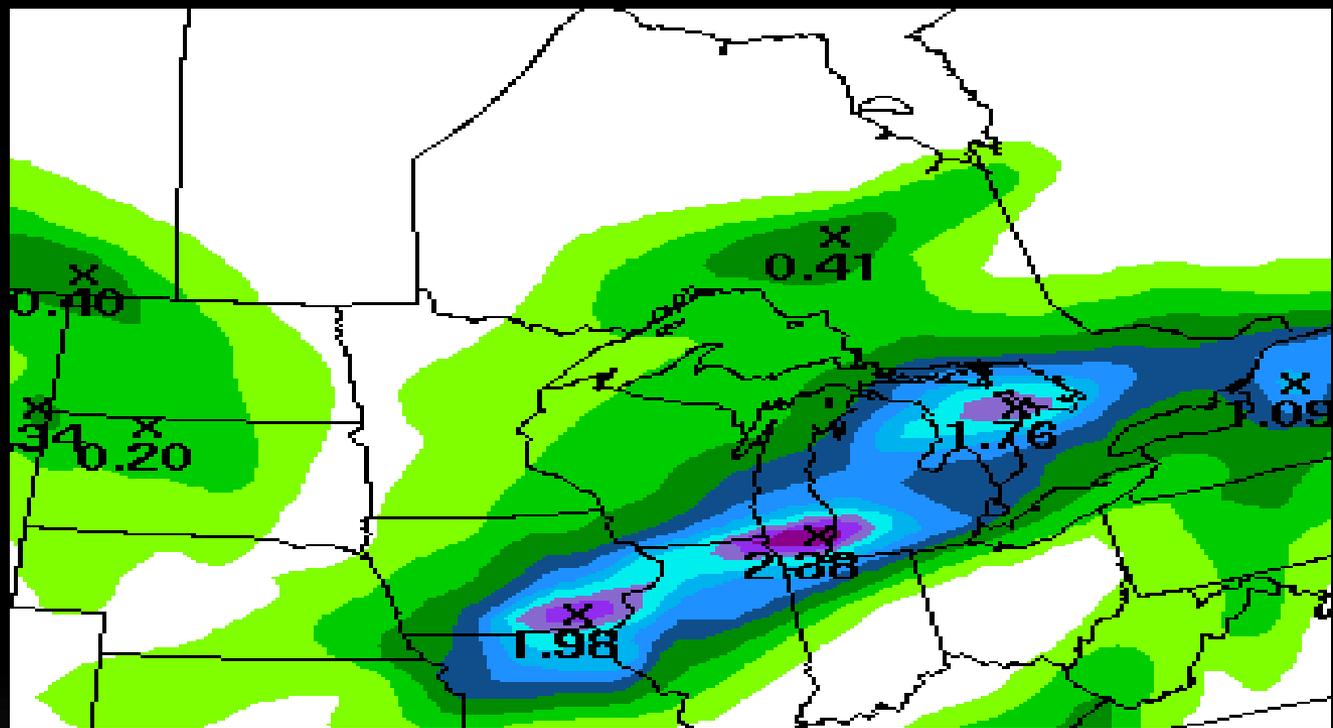
### Tornado Threat

- This afternoon through Tonight
- EF0 or EF1



# WEATHER BRIEFING

## Flooding Potential



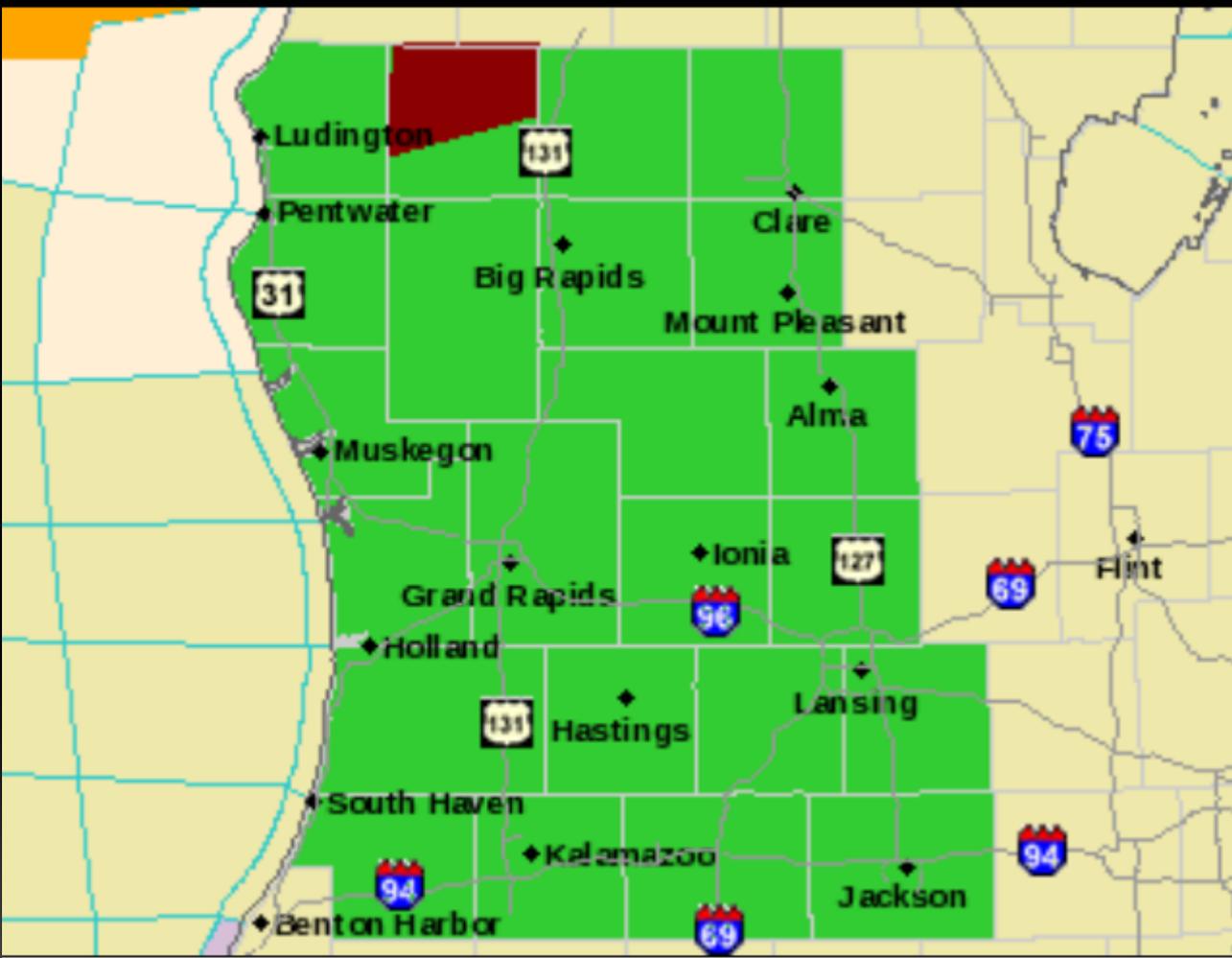
Forecast Valid From 800pm tonight through 800pm Friday Night

### Hydro Threat

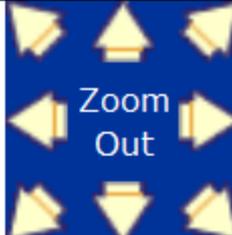
- Flash Flooding is possible for all of Southwest Lower Michigan through tonight
- Locally more than 3 inches could fall, with rates over an inch per hour likely with the strongest storms
- Urban Flooding along with small streams



# Flash Flood Watch



[Read watches, warnings & advisories](#)



[Flash Flood Warning](#)



[Flash Flood Watch](#)



[Flood Advisory](#)



[Small Craft Advisory](#)



[Marine Weather Statement](#)



[Hazardous Weather Outlook](#)



[Short Term Forecast](#)



# Til 8 AM Fri



# SUMMARY



- Severe Thunderstorms with damaging winds, large hail, very heavy rain, frequent lightning and an isolated tornday
- The first round this afternoon, but additional storms could form into the the night

<http://www.weather.gov/grr>



# WEATHER BRIEFING

National Weather Service Grand Rapids MI



## Pertinent Links

**NWS Grand Rapids Website**

<http://www.weather.gov/grr>

**Archived Webinars**

<http://www.weather.gov/grr/webinars>

**Severe Weather Summary**

<http://www.crh.noaa.gov/hazards/grr>

**Storm Prediction Center**

<http://www.weather.gov/spc>

**National Radar Loop**

[http://radar.weather.gov/Conus/full\\_loop.php](http://radar.weather.gov/Conus/full_loop.php)