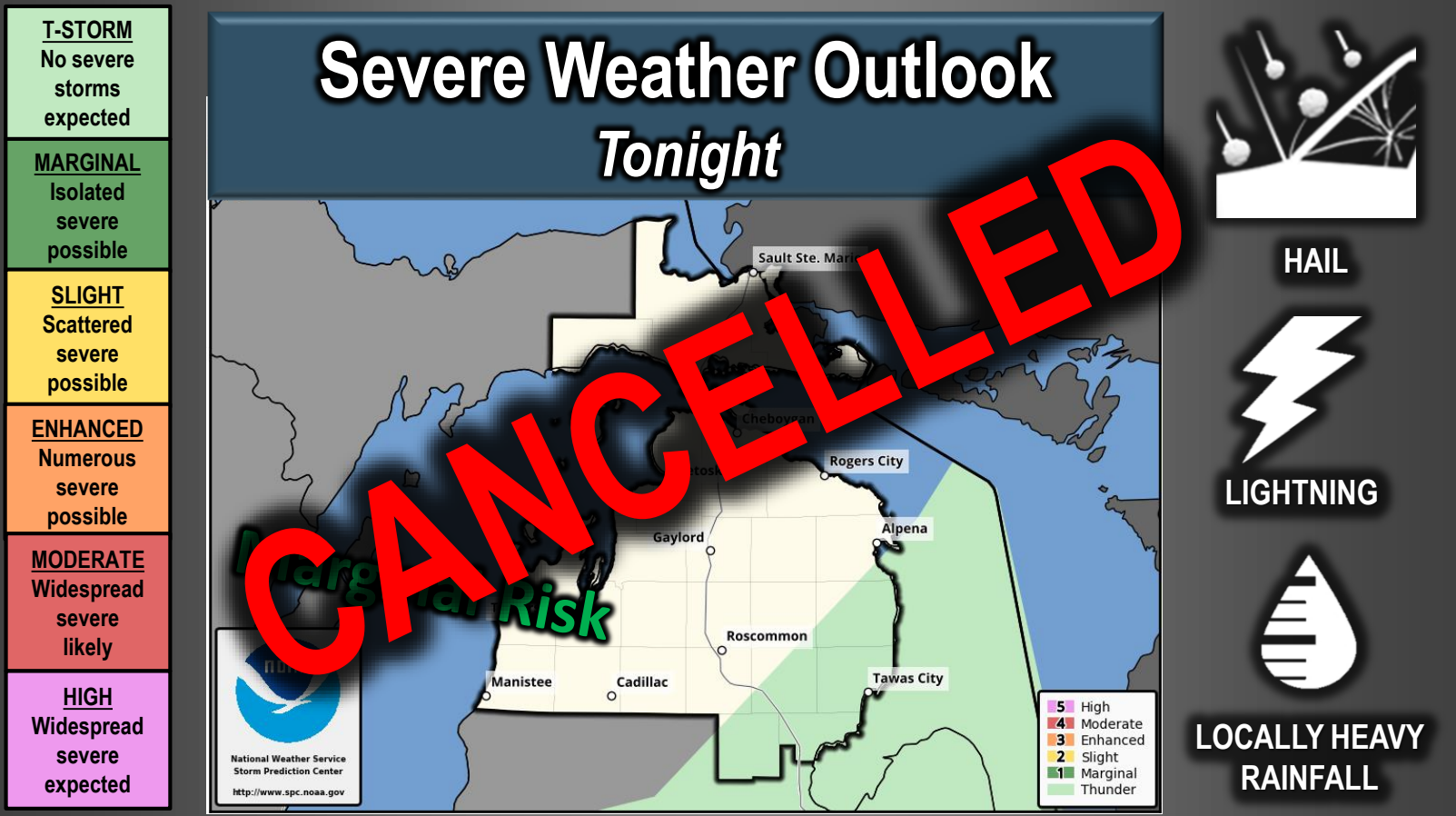




## Isolated Severe Storms Possible Tonight



### Message of the Day:

- Storms continue to be possible into the overnight hours.
  - Any stronger storms may produce marginally severe hail.
  - Localized flooding is possible if storms track over areas that already saw heavy rain today.
- Freeze concerns possible Thursday night and Friday night.

### Important Forecast Changes

Updated for new SPC outlook.





# Isolated Severe Storms Possible Tonight

## Key Points



**Hazards:** The primary hazard with any stronger thunderstorms is hail up to 1" in diameter (quarter-size).

- Localized flooding is possible if more rain falls over areas that already saw 0.5-1" earlier today.



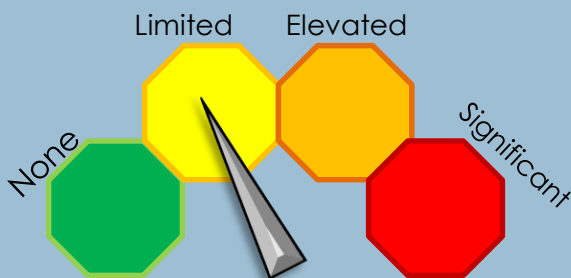
**Timing and Duration:** Isolated strong to severe thunderstorms are possible into the overnight hours.



**Areas Impacted:** Best chance for isolated severe storms is mainly along and west of US-131 in northwest lower Michigan.

- Localized flooding threat would be along and north of M-72 if it materializes.

### Impact Severity



- Large hail will damage property and injure people/animals caught outside.

### Confidence

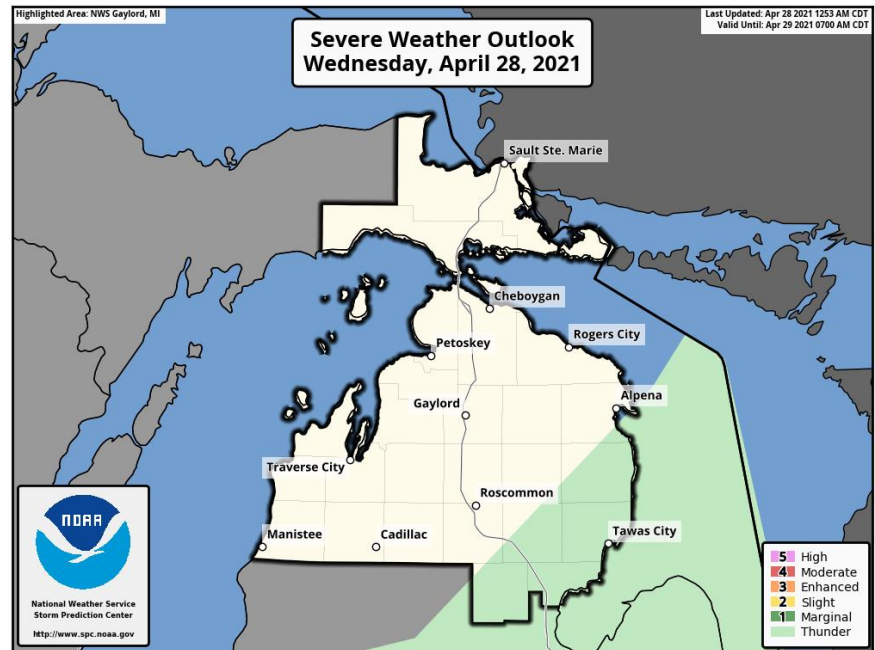
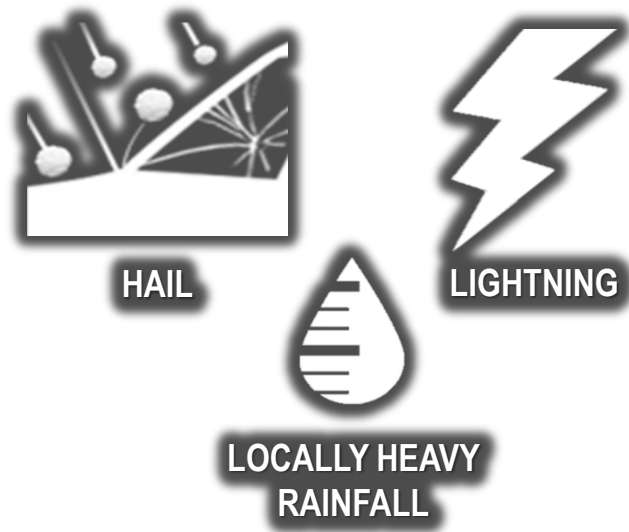


- Moderate confidence in storms occurring.
- Lower confidence in storms becoming severe.

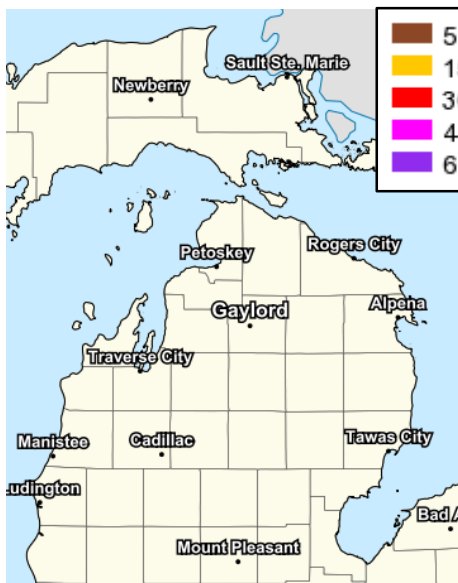


## Tonight's Severe Weather Outlook

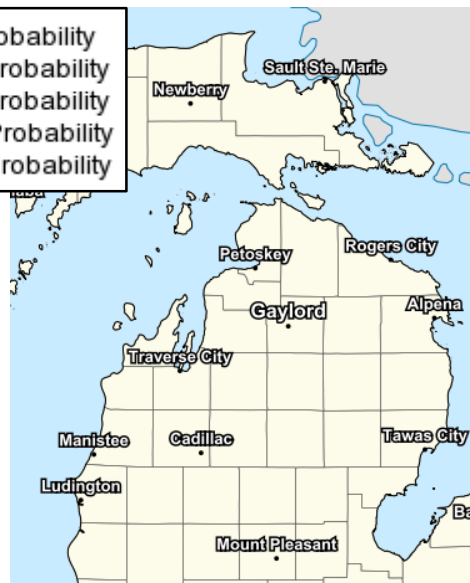
### What to expect:



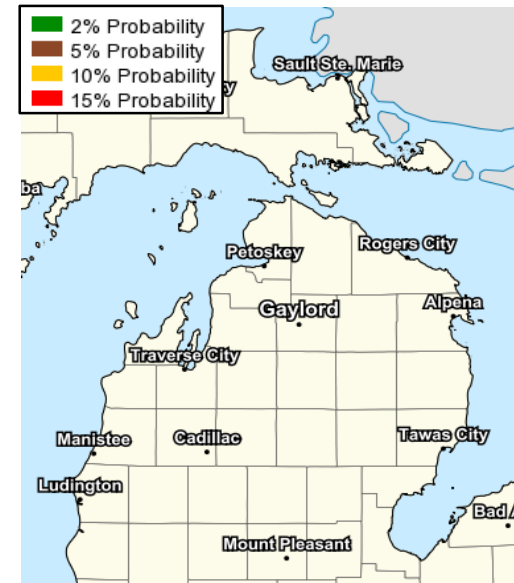
### Tonight's Hail Risk



### Tonight's Wind Risk



### Tonight's Tornado Risk



### Details and Primary Hazards:

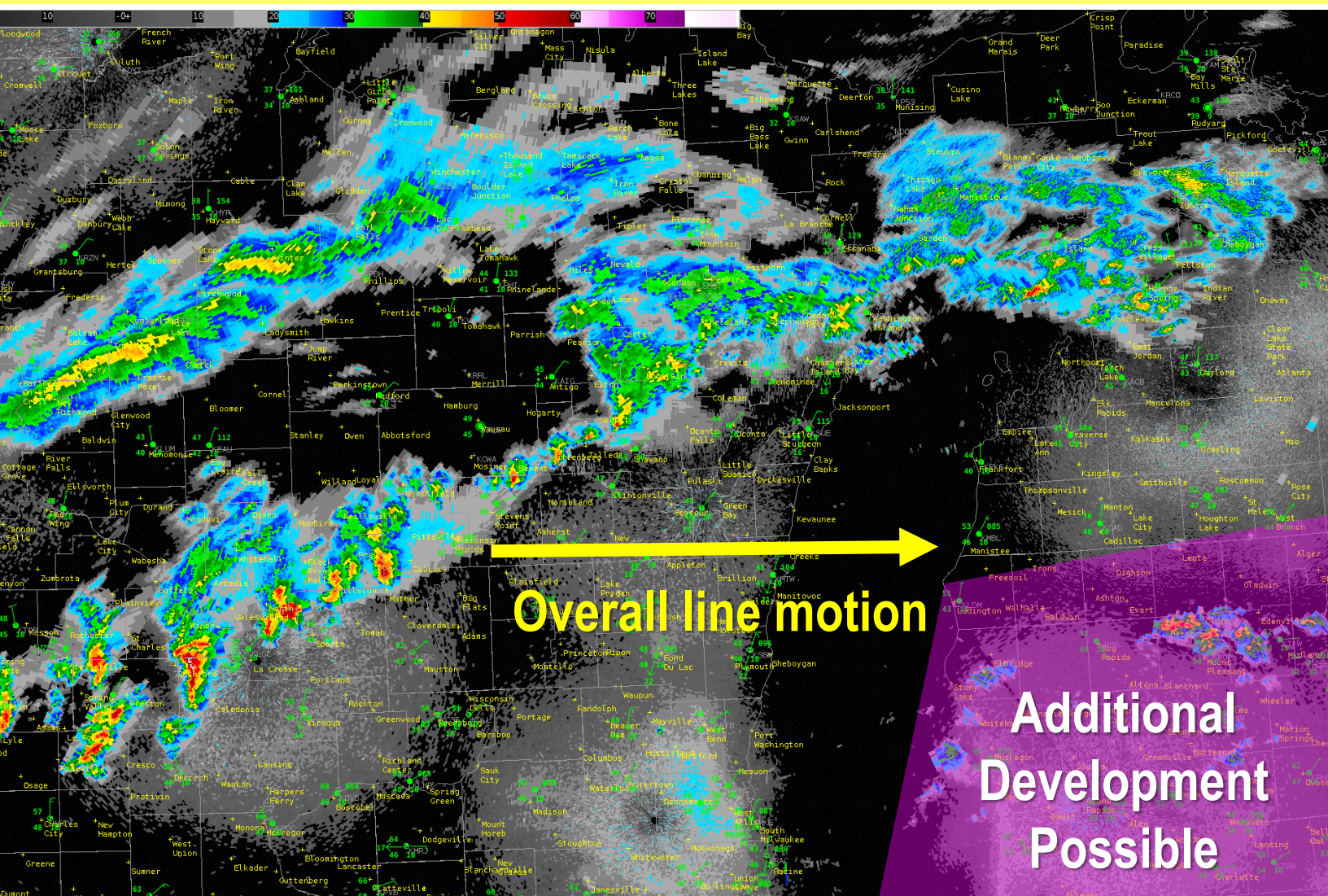
Primary threat in any severe thunderstorms is hail up to 1" in diameter (quarter-size).

*Additional rainfall in areas that already saw 0.5-1"+ rain this afternoon may lead to some localized flooding issues, mainly along and north of M-72.*





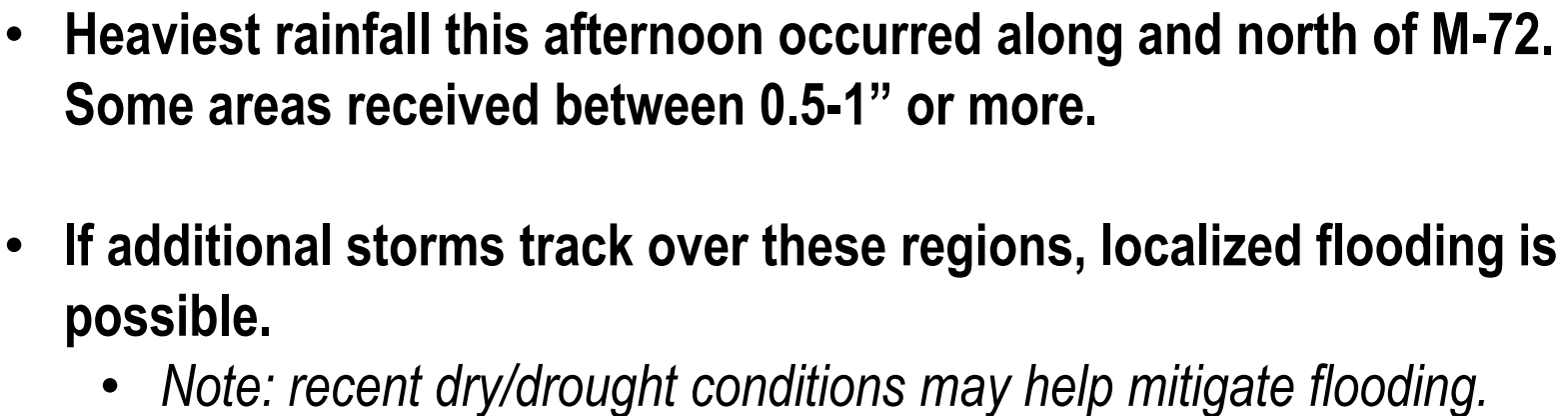
## 1015pm Regional Radar



- Additional storms to continue developing ahead of the line across central Lower Michigan.
- Line to progress eastward, arriving in the Great Lakes sometime after midnight tonight.



# Radar Estimated Rainfall



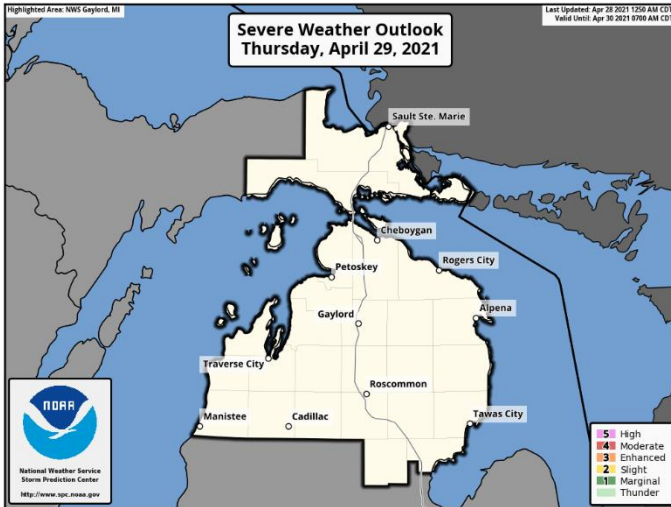
[Click for a description of this product](#) [Click to evaluate this product](#)



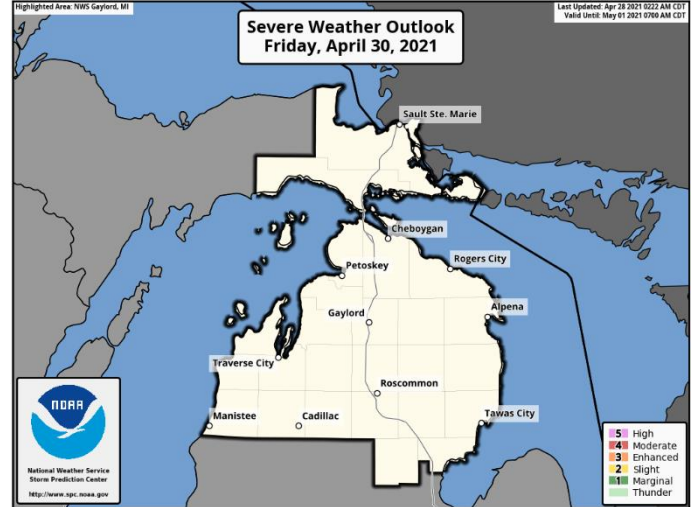


## Looking Ahead: Thunderstorm Chances

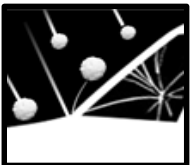
### Day 2 Outlook



### Day 3 Outlook



Lightning is possible with any storms that develop.



Isolated hail is possible in stronger storms.



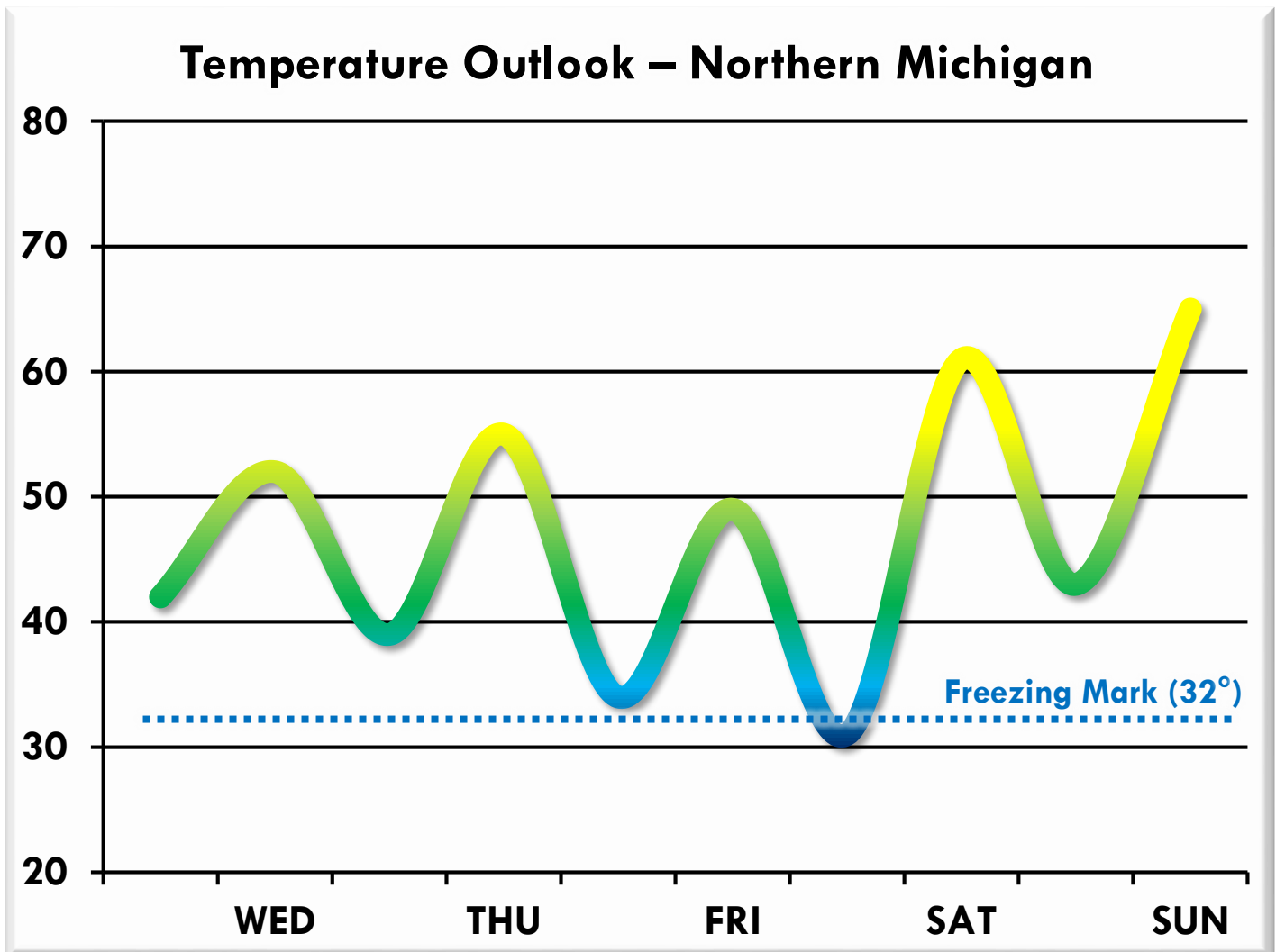
Isolated stronger wind gusts possible in strongest storms.



Flooding is unlikely; however, ponding on roadways is possible.



## Looking Ahead: Freeze Concerns



- Temperatures to slowly decrease over the next few days.
- Watching Thursday night and Friday night for potential freezing conditions.
- *This graph was created using data for the Gaylord, MI area, but shows the general temperature pattern expected through the next several days.*



## Recommended Messaging

- Greatest threat will be isolated severe (1" diameter) hail.
  - 1" diameter hail will cause property damage and injure people/animals.
- Localized flooding is possible where storms track over areas that received heavy rain earlier today.
- Lightning frequently accompanies hailstorms.
- Seek shelter in a sturdy structure until storms have passed.



### Severe Thunderstorm Quick Facts and Preparedness:



#### *Quick facts you should know about Severe Thunderstorms:*

- Severe Thunderstorms are officially defined as storms that are capable of producing hail, straight-line winds, or a tornado that may endanger a life or damage property.
- Severe hail is defined as 1 inch in diameter or larger. Hail this size can damage property such as plants, roofs, and vehicles.
- The largest hail stone ever officially recorded was 8 inches in diameter. It fell in Vivian, South Dakota.
- Severe straight line wind gusts exceed 58 mph. Some thunderstorms have produced wind gusts in excess of 100 mph and have created widespread wind damage similar to that of a tornado.

#### *Preparedness:*

**A Severe Thunderstorm Watch** is issued when conditions are favorable for severe thunderstorms to develop. When a watch is issued, it is time to prepare and stay weather aware.

**A Severe Thunderstorm Warning** is issued when a thunderstorm poses a threat to life or property. Now is the time to act!

**Have a NOAA weather radio handy** and make sure it is tuned to the right transmitter:

<http://www.nws.noaa.gov/nwr/Maps/index.php>

**How do I stay safe?** Go indoors and stay away from windows. If you are caught outside, do not seek shelter underneath a tree – they are prone to lightning strikes. A hard-topped vehicle may offer some protection as a last resort. Do not touch the sides of the vehicle.

***All thunderstorms can be deadly: When Thunder Roars, Go indoors!***



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SPC Severe  
Weather Outlook



## Building a Weather-Ready Nation