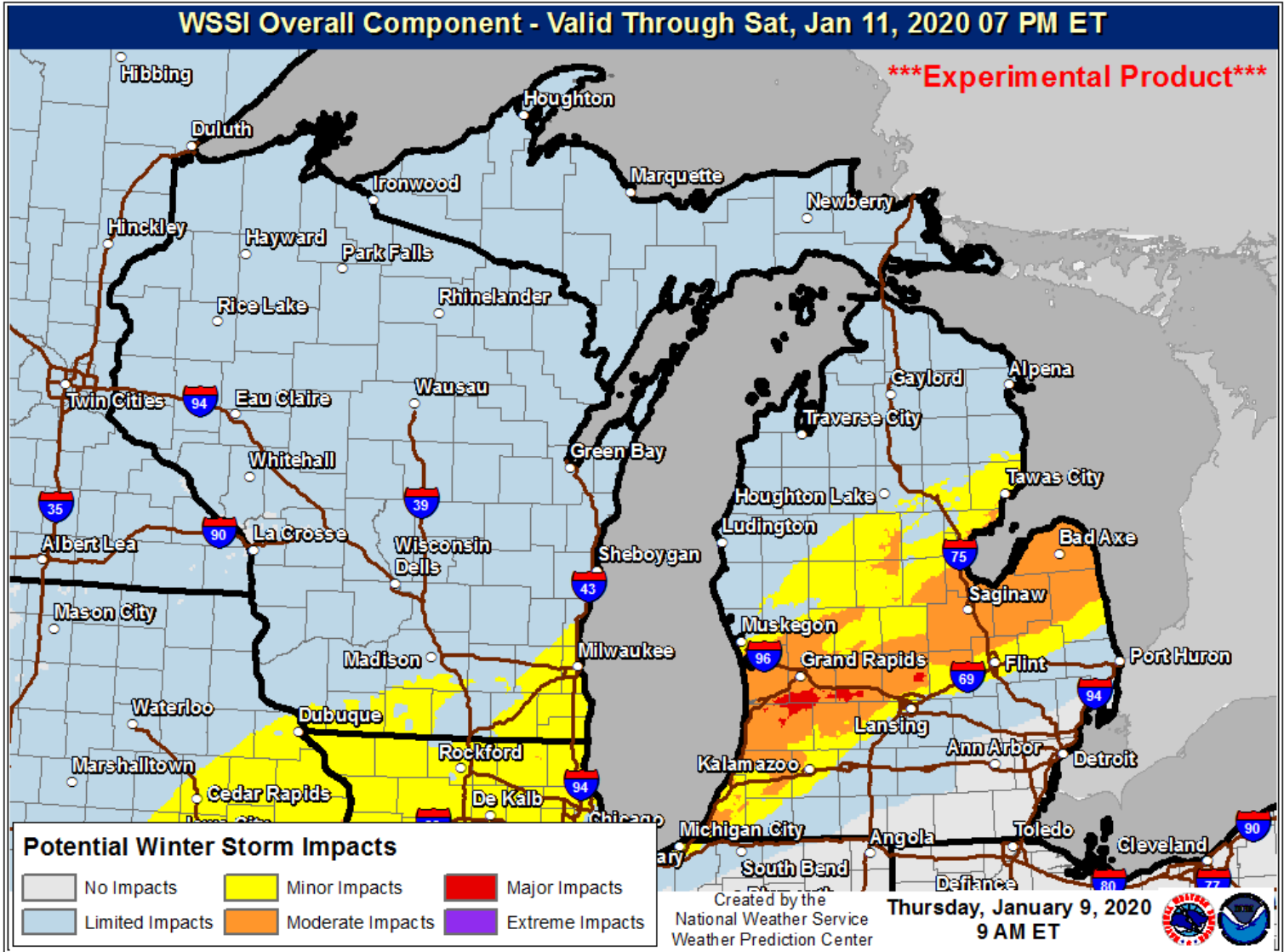




Ice, Snow, and Flooding Late This Week



Message of the Day:

- Dangerous travel parts of Lower Michigan Friday night – Sunday
- Scattered to numerous power outages, possibly multi-day
- Heavy rain, flooding possible Southern Lower MI Friday-Saturday
- River flooding possible - lasts into next week

Important Forecast Changes

This is the first issuance.





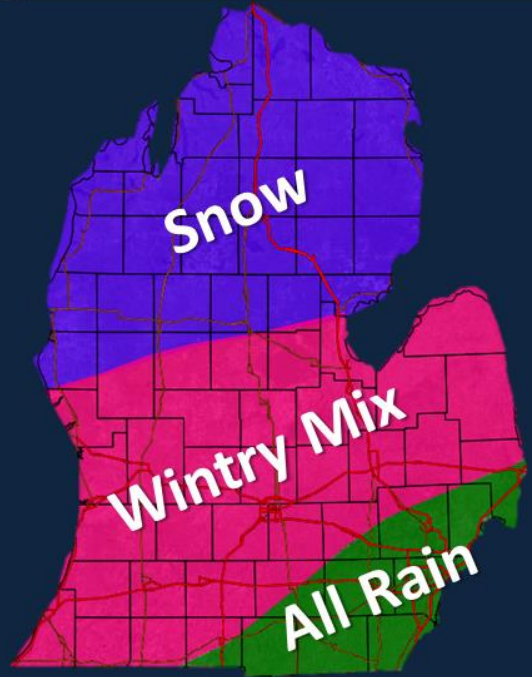
Ice, Snow, and Flooding This Weekend

Snow and Ice Potential



Winter Storm Possible Saturday – Sunday Morning

Timing of worst conditions: Daybreak Saturday to daybreak Sunday



Snow

- Accumulations > 6" possible
- Dangerous travel conditions possible

Wintry Mix

- Significant accumulations of ice and sleet
- Power outages and dangerous travel possible

All Rain

- Flooding of low-lying areas and poor drainage
- Rumble of thunder possible



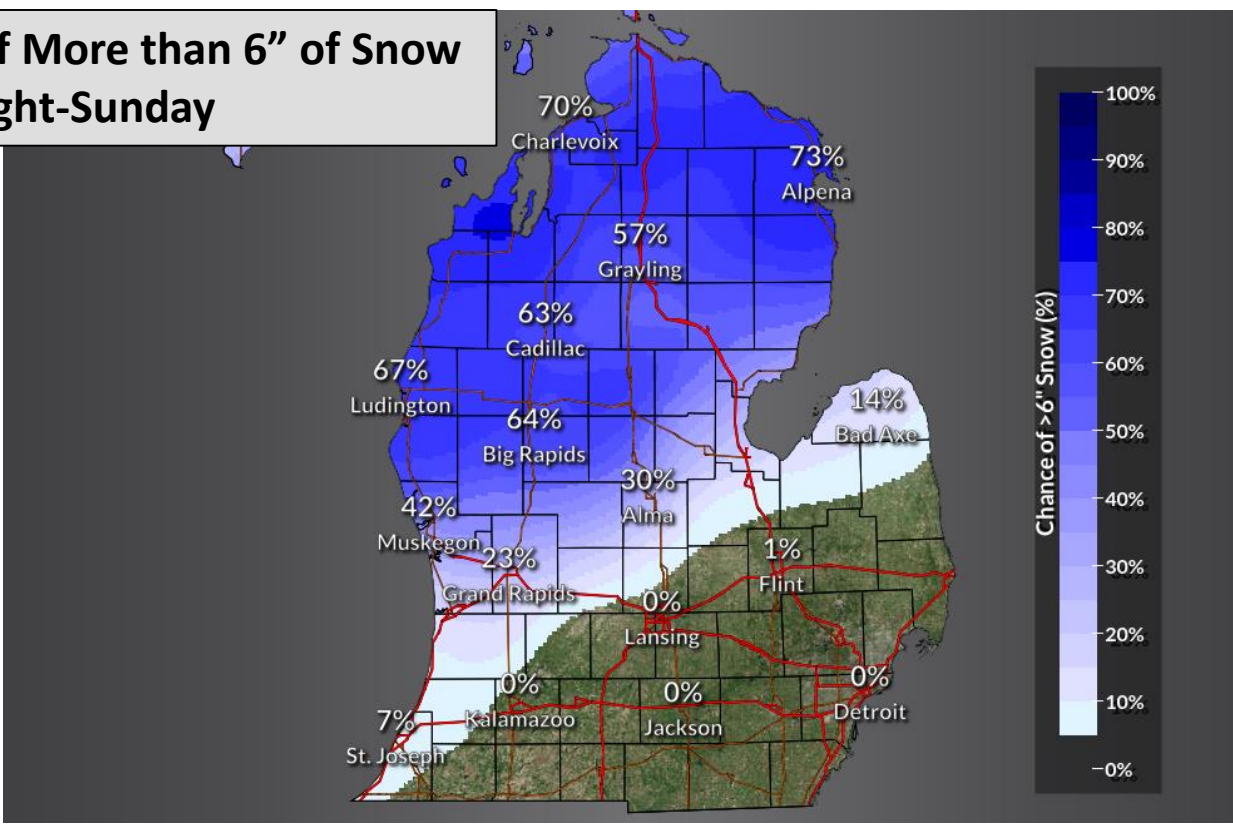
When: Rain changes to a mix of freezing rain, sleet, and snow Saturday morning and afternoon. Precipitation all snow by Saturday evening



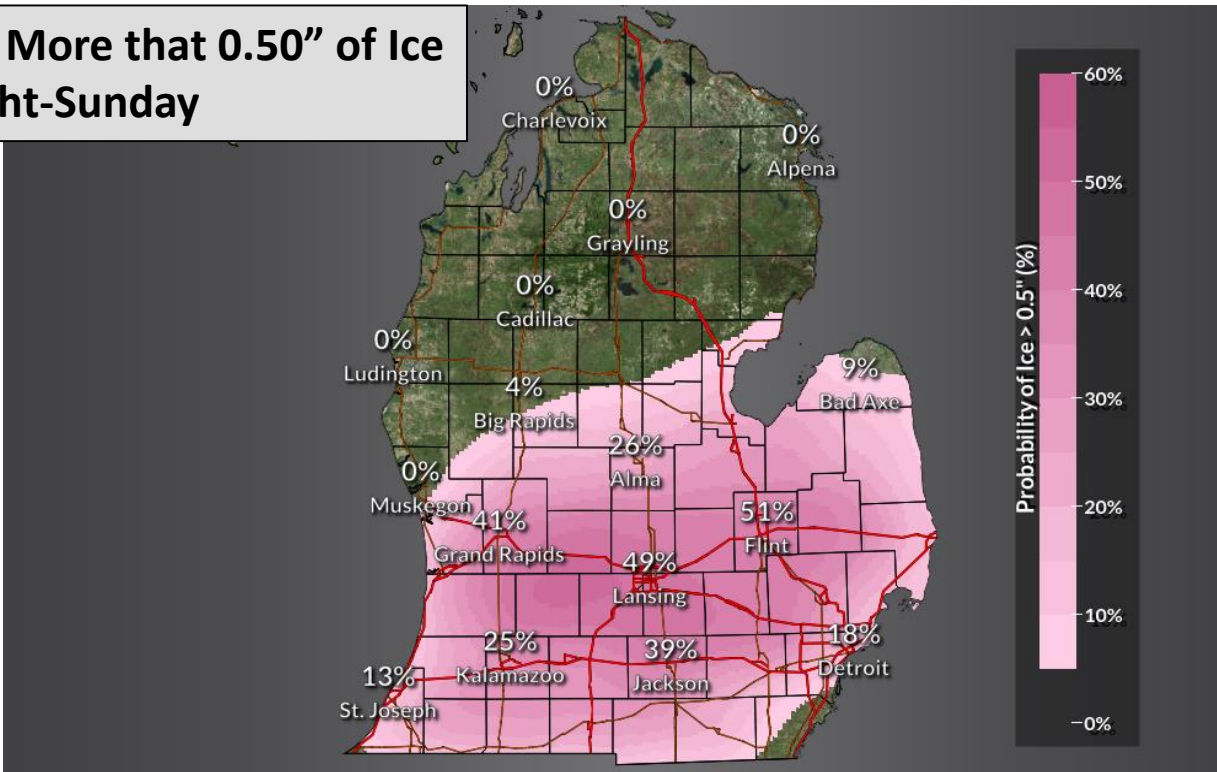
Ice, Snow, and Flooding This Weekend

Snow and Ice Accumulations

**Chance of More than 6" of Snow
Friday Night-Sunday**



**Chance of More than 0.50" of Ice
Friday Night-Sunday**

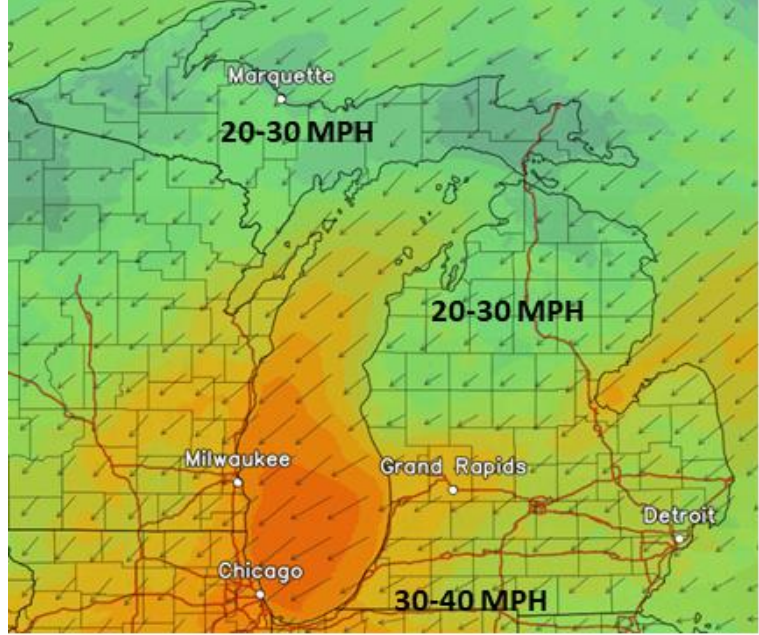




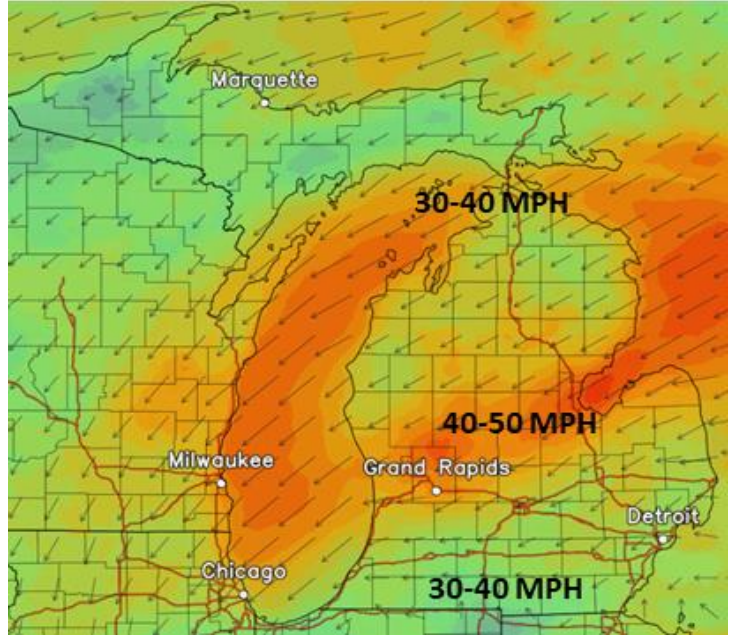
Ice, Snow, and Flooding This Weekend

Forecast Wind Gusts

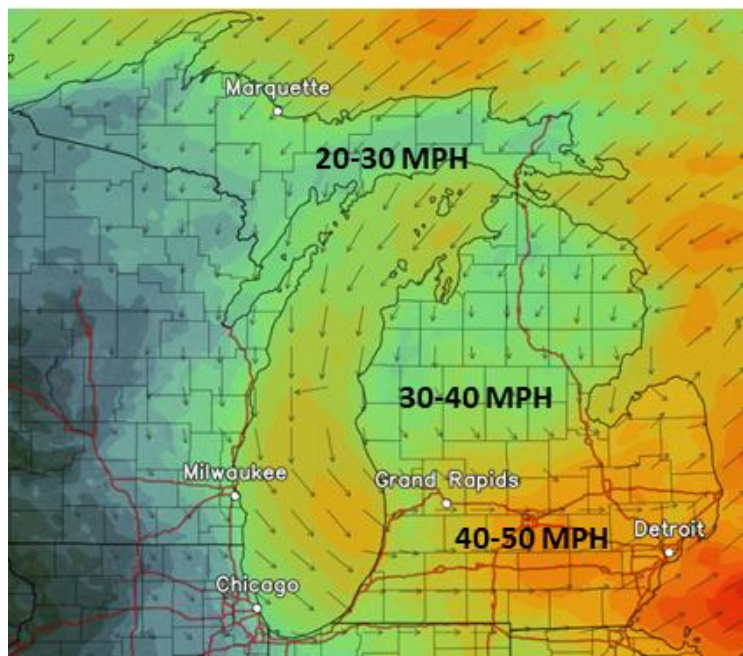
Saturday Morning



Saturday Afternoon/Night



Sunday Morning



Impacts:

- Power outages likely by Saturday Afternoon/Evening, especially in areas with icing



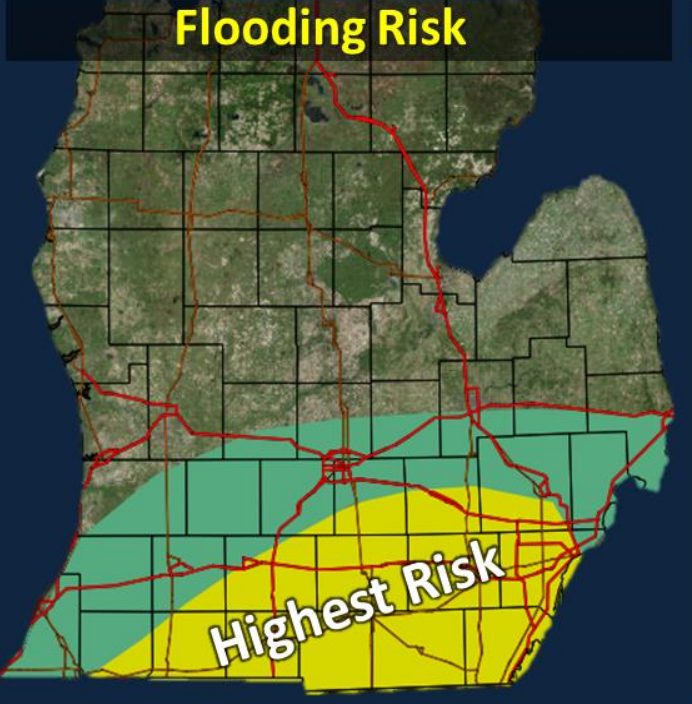
River Flooding through Next Week



Rises in Rivers, Flooding of Low Areas Possible This Weekend

Friday, January 10 – Sunday, January 12, 2020

Flooding Risk



What to Expect:



Heaviest rain along/south I-94



Flooding of Low Areas and Roadways Possible



Significant Rises in River Levels, With Flooding Possible

Stay up to date on the forecast!

National Weather Service
Grand Rapids, Michigan

Weather.gov/GrandRapids

Last Updated At:
1/9/2020 10:47 AM



When: Rain on Friday will be fairly light, but will intensify Friday night into Saturday.

Impacts:

- Significant Rises in Rivers, Some Flooding Expected
- Flooding of Low-Lying Areas and Roadways



Ice, Snow, and Flooding This Weekend

Key Points



Hazards: Ice and Snow, Heavy Rain and Flooding, Gusty Winds



Areas Impacted: : Lower Michigan



When: Light mostly light Friday and Friday evening, becomes heavier Friday night. Much of Western Lower Michigan transitions to a combination of freezing rain, sleet, and snow Saturday morning and afternoon. Snow is expected for the much of the area by Saturday evening.



Impacts: Dangerous travel for portions of Western Lower Michigan Saturday, potentially lasting into Sunday. Numerous power outages are possible, and could even last a few days. Flooding is possible in low-lying areas and on roads. Rivers will rise significantly, with numerous sites reaching flood stage between Saturday and next weekend.



Certainty & Considerations: Confidence is high for West Michigan to receive a combination of heavy rain, snow, and ice, however more precise location of each threat is still being determined.

We could receive significant amounts of sleet, which would reduce snow and freezing rain amounts that fall.

Warmer air may nudge further into Michigan, causing more areas to remain all rain.



Historical Perspective: Flooding will be the worst since February 2018, however most rivers are expected to crest below those values.



Winter Weather Quick Facts and Preparedness:



Quick facts you should know about winter weather:

- Winter weather increases the risk for car accidents, hypothermia, frostbite, carbon monoxide poisoning, and heart attacks from overexertion.
- Rapid changes in visibility, snow accumulations, and driving conditions occur over a short distance and in a short amount of time.
- Bridges and overpasses will become slick before roadways.
- 70% of snow and ice-related injuries occur in automobiles.

Preparedness:

- Consider altering your travel plans. If you must travel, slow down and use caution. Road conditions may change quickly. Pack a winter survival kit for your vehicle.
- When traveling, slow down and leave extra space between you and the vehicle in front of you. Do not break or change lanes quickly, make sharp turns, or use cruise control.
- Power outages often occur in ice storms. Have flashlights, extra batteries, and a three-day supply of food, water, and medicine for each member of your family and pets ready..

Michigan Department of Transportation Road Conditions: mdotjboss.state.mi.us/MiDrive

Flood Quick Facts and Preparedness:



Quick facts you should know about flooding:

- It only takes 6 inches of fast-moving water to knock you off your feet.
- A car can be moved in as little as 2 feet of water.

Preparedness:

Know your risk: Are you in a flood-prone area? www.fema.gov/flood-zones

- A **Flood Watch** is issued when conditions are favorable for flooding. *Time to prepare!*
- A **Flood Warning** is issued when flooding is imminent or occurring. *Time to act!*

Never drive into flood waters! Turn around, don't drown!

For more information about this event, visit weather.gov/grr



@NWSGrandRapids



US National Weather Service
Grand Rapids Michigan



Building a Weather-Ready Nation