



# Weather Briefing

## February 1, 2015



**National Weather Service**  
**Detroit/Pontiac, MI**

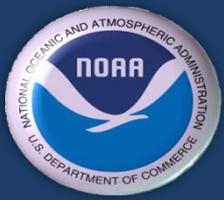
<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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# Decision Support Briefing Highlights



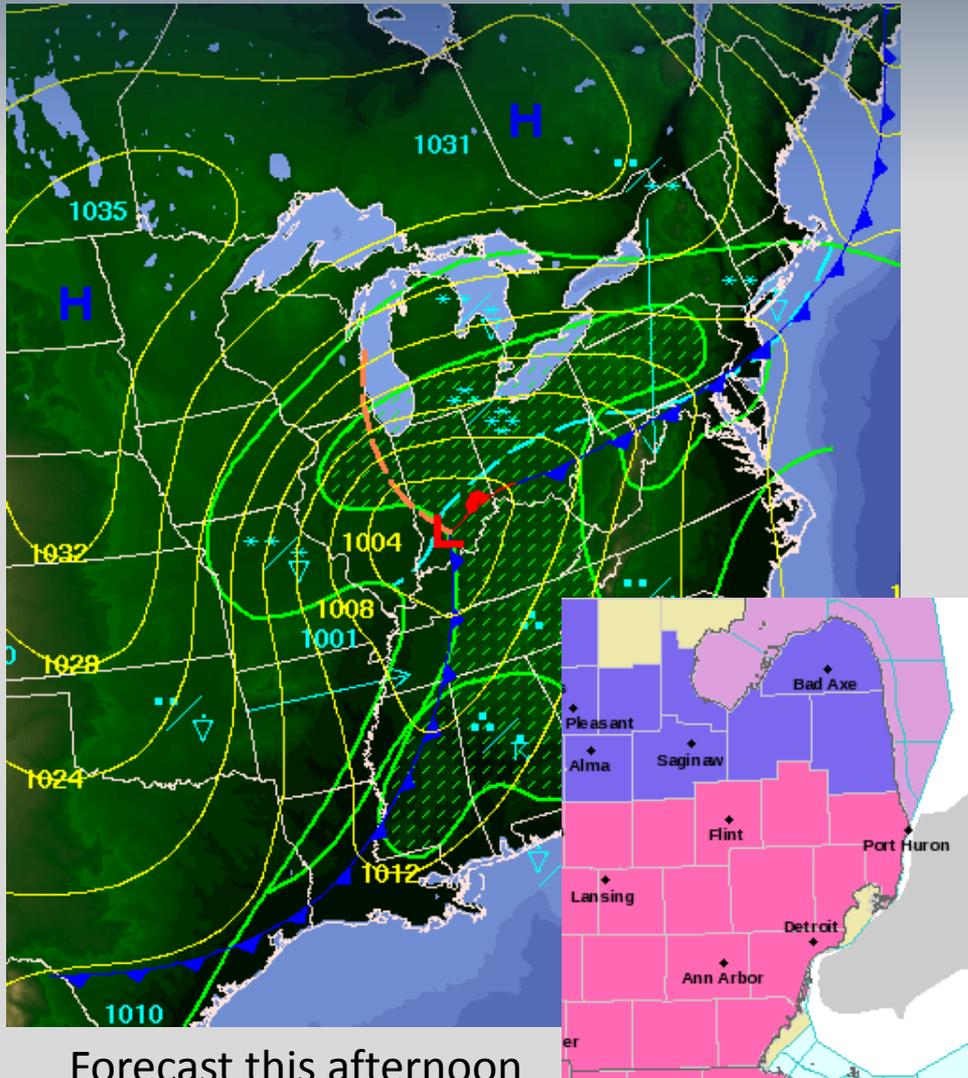
## Event Summary

**Long duration of accumulating  
snowfall through tonight**

**All of Southeast Michigan**

**Winter Storm Warning:  
I-69 corridor to the Ohio Border**

**Winter Weather Advisory:  
Tri-Cities and Thumb**



Forecast this afternoon



# Winter Hazard Risk Assessment



**Extreme**

**High**



**Moderate**

**Low**

**This Event is a  
Rare Weather Event**

Large Disruption to Daily Life

Potentially Life Threatening

**Recovery Time**

Several Hours to a Day After the  
Weather Ends

**Extreme:**

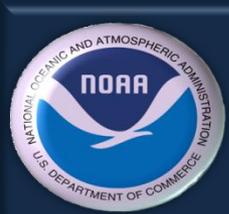
- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

**High:**

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

**Moderate:**

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



# Potential Impacts

<b>Road Conditions</b>	<ul style="list-style-type: none"><li>• Slippery road conditions expected in heavy snow</li><li>• Temperatures falling from mid 20s down to mid-teens Today.</li><li>• Northeast winds 10 to 20 MPH resulting in blowing and drifting of snow</li></ul>
<b>Additional Potential Impacts</b>	<ul style="list-style-type: none"><li>• Travel may be severely restricted</li><li>• This will be a long duration event (greater than 18 hours of snow)</li></ul>

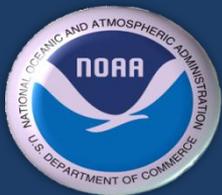
<b>Power Outage Potential</b>	<b>High</b>	<b>Medium</b>	<b>Low</b> 
<b>Blowing/Drifting Potential</b>	<b>High</b>	<b>Medium</b> 	<b>Low</b>



# Timing of Winter Weather

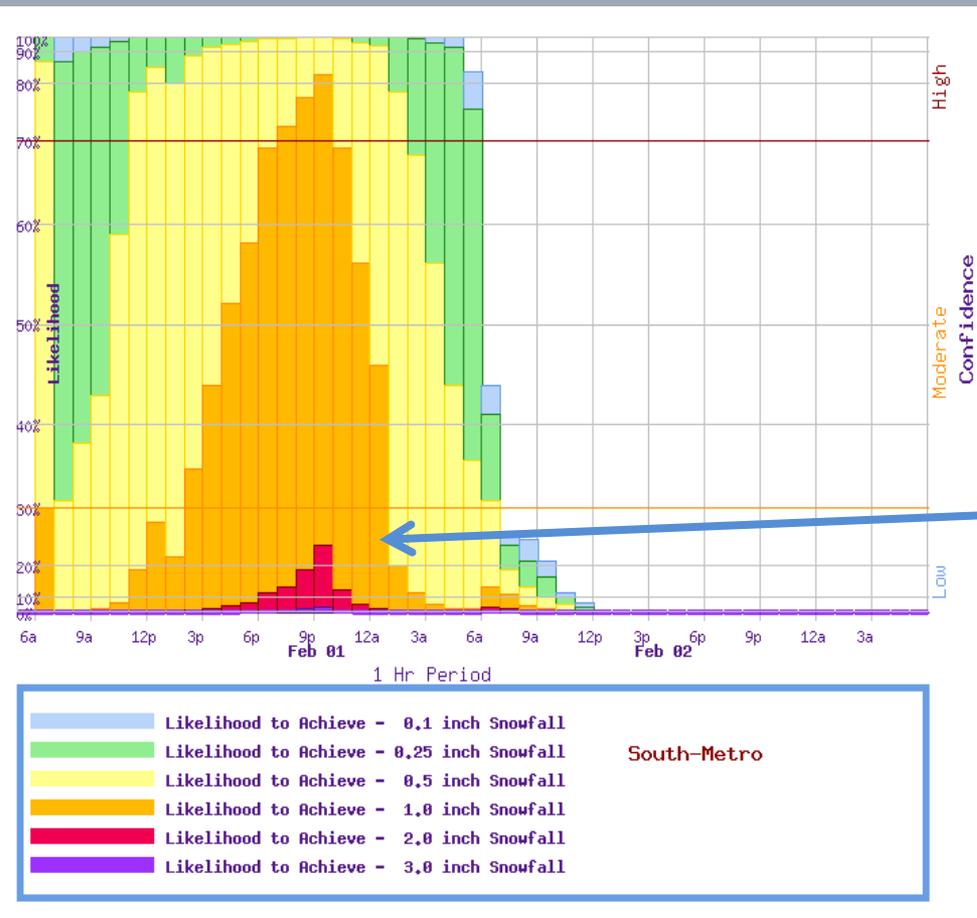


<b>Beginning</b>	<ul style="list-style-type: none"><li>• The snow will expand northeast through the morning.</li></ul>
<b>Heaviest</b>	<ul style="list-style-type: none"><li>• A period of heavy snow is expected from mid afternoon through early tonight.</li><li>• Snowfall rates of up to one inch per hour during the peak intensity.</li></ul>
<b>Ending</b>	<ul style="list-style-type: none"><li>• Snow will end early Monday morning.</li></ul>



# Snowfall Confidence

## Total Snowfall Through Tonight



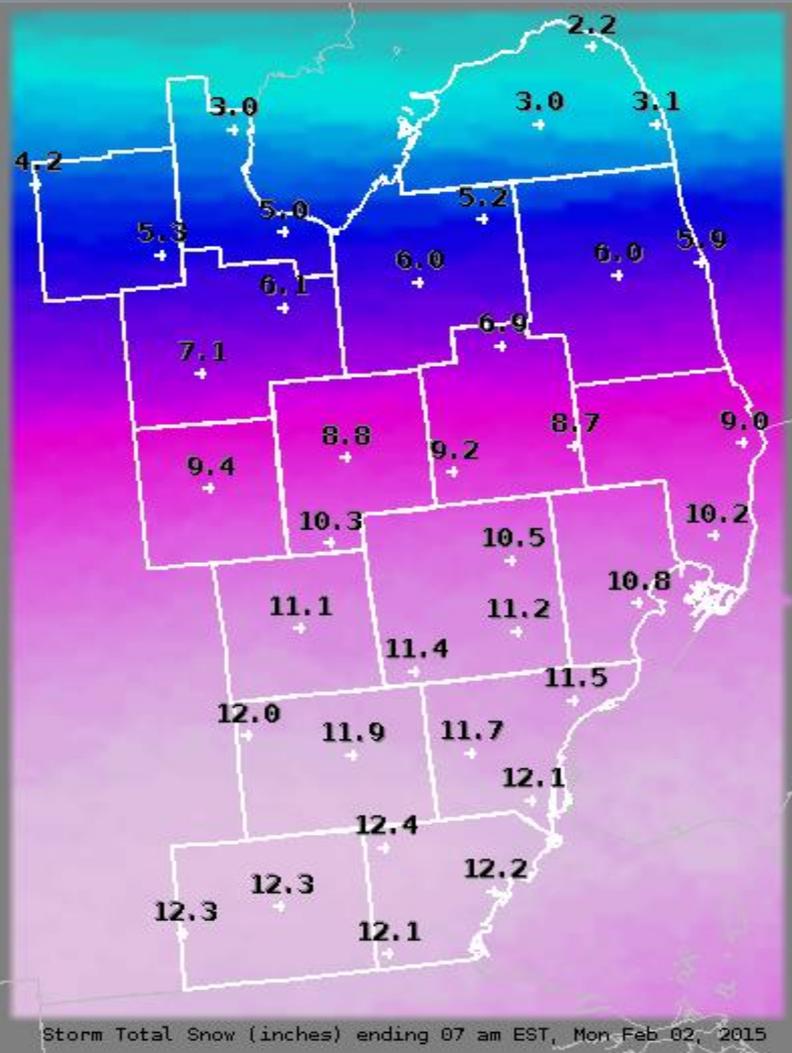
### Timing

- Snowfall increasing in intensity through the afternoon and evening.
- Peak snowfall intensity between 5 pm and 2 am.
- Snow tapers off during the Monday morning commute.



# Storm Total Snowfall

## Accumulation Totals through Tonight



Storm Total Snow (inches) ending 07 am EST, Mon Feb 02, 2015

### Snow Accumulation

- 10 to 14 inches between I-94 and Ohio border
  - 7 to 12 inches between I-94 and I-69
  - 3 to 7 inches Tri-Cities and Thumb

### Type of Snow

Average snow transitioning to light and fluffy

### Additional Hazards

- Some blowing and drifting of snow
- Wind chills below zero tonight

Storm Total Snow through 7 AM Monday



# Additional Information



## Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

## Great Lakes Marine Portal

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

## Snowfall Accumulation Probabilities

<http://www.crh.noaa.gov/dtx/ProbSnow.php>

## Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>



## NWS Detroit/Pontiac, MI

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

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