

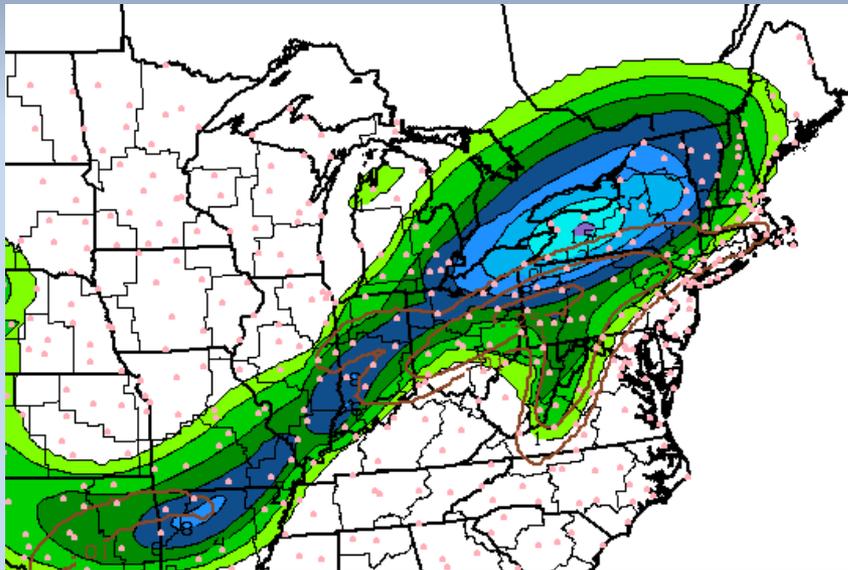


# Day After Christmas Snow



Slide #1

Potential Snowfall through Wednesday PM



Green= Less than 6 inches

Blues = 6 inches or More

White = No Snow Accumulation Currently Expected

## Event Summary

Up to 6 inches of Snow Possible

Wednesday and Wednesday Night

Central and Southeast Michigan

**Created: Monday, December 24, 2012 – 1100 AM**

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

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

Phone: 616-949-0643





# Winter Hazard Risk Assessment



Slide #2

## For Southwest Lower Michigan

Extreme

High

Moderate



Low

### Weather Like this is **Common**

Typically Associated With  
**Some Disruption to Daily Life**

Threat to Life and Property  
**Rarely Directly Threatening**

Usual Recovery Time  
**Near When Weather Hazard Ends**

#### Extreme:

- Historic Weather – Once Every 20+ years
- Extremely Threatening to Life/Property
- Total disruption of daily life
- Recovery Time: days or weeks

#### High:

- Rare Weather – 1 to 3 Times a Year
- Often Life Threatening
- Widespread disruption of daily life
- Recovery Time: 1 to 3 days

#### Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: Near/Before weather ends



# Confidence and Potential Impacts

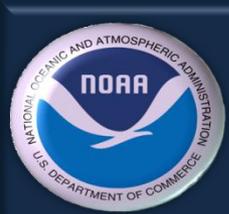


Slide #3

<b>Confidence this Weather Will Occur</b>	<b>High</b>	<b>Medium</b> 	<b>Low</b>
-------------------------------------------	-------------	---------------------------------------------------------------------------------------------------	------------

<b>Road Conditions</b>	<ul style="list-style-type: none"><li>Slippery road conditions Wednesday afternoon and Wednesday night</li><li>Visibility near zero at times in blowing snow – Especially in the Dark</li></ul>
<b>Travel Time Affected</b>	<ul style="list-style-type: none"><li>Wednesday afternoon through late Thursday Morning</li></ul>
<b>Additional Potential Impacts</b>	<ul style="list-style-type: none"><li>Snow may blow over already treated roads</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>

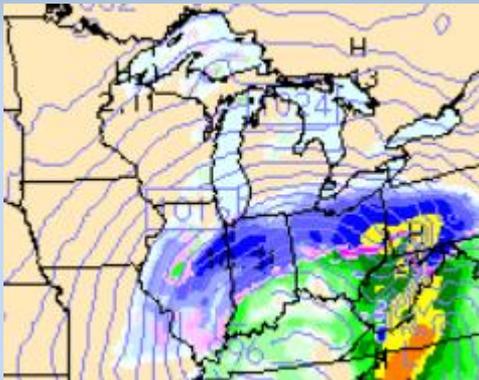


# Timing of Winter Weather

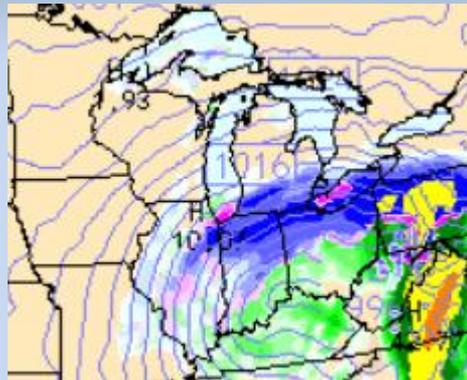


Slide #4

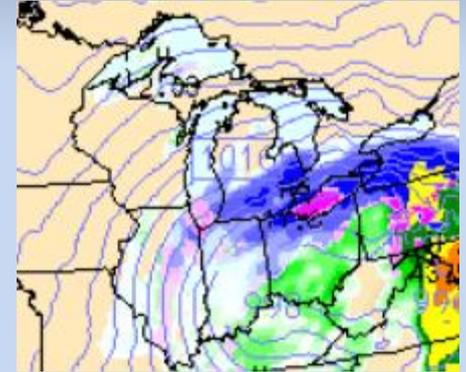
Weather Radar Forecast  
1pm Wednesday



Weather Radar Forecast  
4pm Wednesday



Weather Radar Forecast  
7pm Wednesday



## Beginning

- Snow will spread in from the south Wednesday
- Reaching the I-94 corridor (Kalamazoo/Jackson) late morning
- I-96 corridor (Muskegon/Grand Rapids/Lansing) early afternoon

## Heaviest

- Heaviest snow is expected Wednesday afternoon and evening

## Ending

- West of I-69 - Snow should end by daybreak Thursday
- East of I-69 – Snow should end by midday Thursday

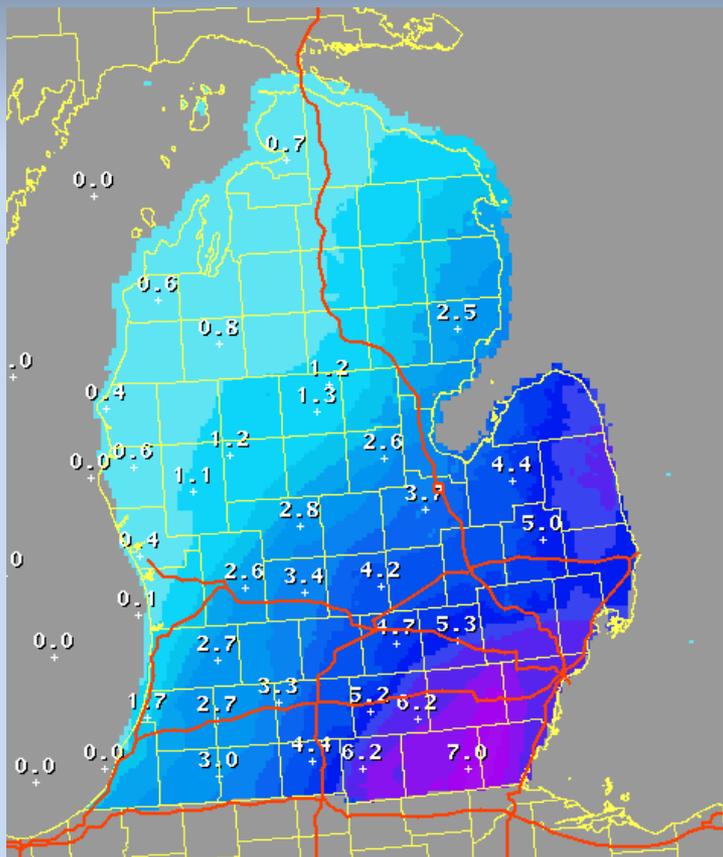


# Total Snowfall Potential



Slide #5

## Wednesday and Wednesday night



Potential Snowfall through Wednesday PM  
(in inches)

### Snow Accumulation

- 4 or more inches: generally east and south of I-69
  - 1 to 4 inches elsewhere

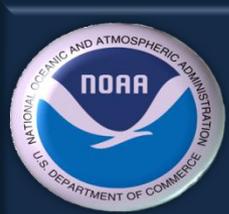
North of a line from Clare to Muskegon may see no snow accumulation Wednesday

### Maximum Snowfall Rate

- One Inch Per Hour at times

### Type of Snow

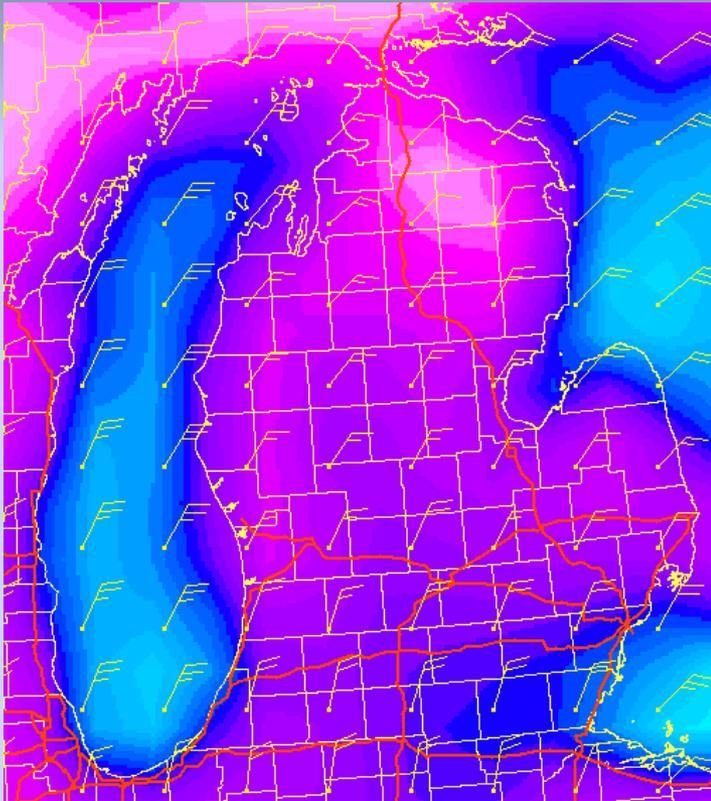
Light/Fluffy and Wet/Heavy



# Additional Hazards



Slide #6



**Wind Gusts Wednesday and Wednesday night**

Pink/Purple – up to 30 mph

Blue – up to 35 mph

## Visibility

- Widespread  $\frac{1}{2}$  mile Wednesday
- Near zero visibilities possible Wednesday night

## Wind Direction and Wind Speed

- From the North 15 to 30 mph Wednesday
- Becoming 5 to 15 mph Thursday AM

## Wind Chill Temperatures

- +15 to +25 Degrees Wednesday
- +5 to +15 Degrees Wednesday Night

## Ice Accumulation

- None Expected



Slide #7

# Event Summary



- **Highest snow amounts east and south of I -69**
- **Blowing and Drifting Snow Likely in Gusty Winds**
- **Travel Wednesday and Wednesday night Impacted**



# For Additional Information



Slide #8

Links Below are Clickable in PDF File of the Briefing



Winter Weather Briefing Slides  
[www.weather.gov/grandrapids/webinars](http://www.weather.gov/grandrapids/webinars)

Regional Weather Radar Loop  
[www.weather.gov/radar](http://www.weather.gov/radar)

Additional Winter Forecast Information  
<http://go.usa.gov/RE6>

Hazard Summary Page  
[www.crh.noaa.gov/hazards/grr](http://www.crh.noaa.gov/hazards/grr)

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

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

Phone: 616-949-0643



@NWSGrandRapids

