

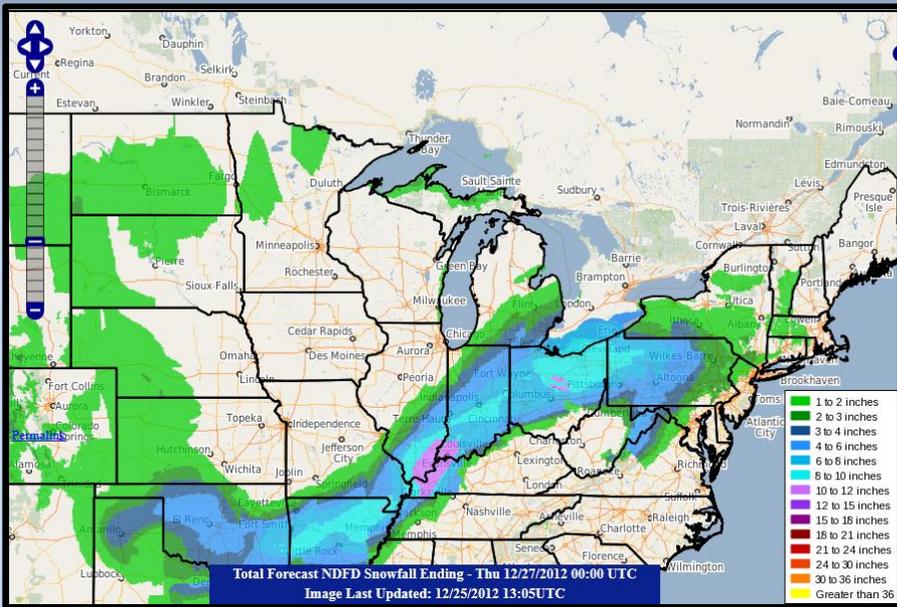


Day After Christmas Snow



Slide #1

Potential Snowfall through Wednesday PM



Event Summary

Up to 4 inches of Snow Possible

Wednesday and Wednesday Night

East Central and Southeast Michigan

Greens = 1 to 4 inches

Blues = 4 inches or More

White = No Snow Accumulation Currently Expected

Created: Tuesday, December 25, 2012 – 1100 AM

NOAA National Weather Service - Grand Rapids, Michigan

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

Email: 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

Confidence this Weather Will Occur	High	Medium 	Low
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Road Conditions	<ul style="list-style-type: none">Slippery road conditions Wednesday afternoon through Thursday AMVisibility near zero at times in blowing snow – Especially in the Dark
Travel Time Affected	<ul style="list-style-type: none">Wednesday afternoon through late Thursday Morning
Additional Potential Impacts	<ul style="list-style-type: none">Snow may blow over already treated roads

Power Outage Potential	High	Medium	Low 
Blowing/Drifting Potential	High	Medium 	Low

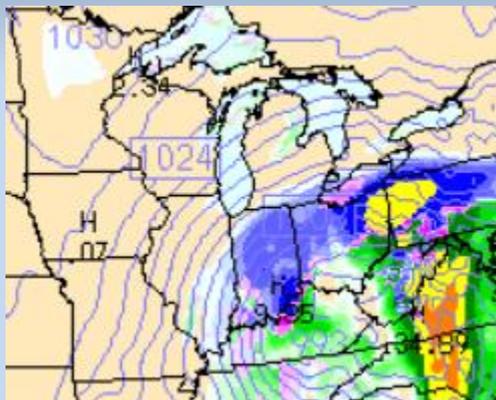


Timing of Winter Weather

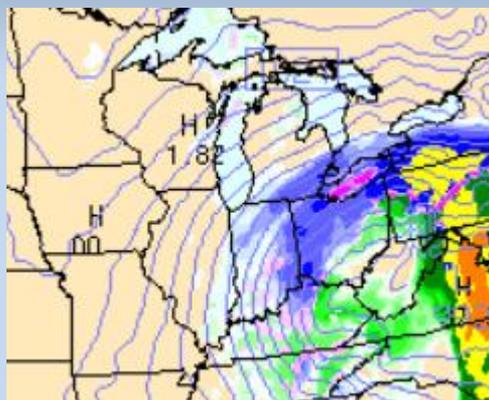


Slide #4

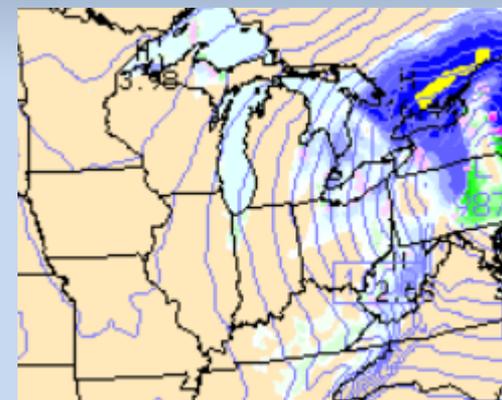
Weather Radar Forecast
1pm Wednesday



Weather Radar Forecast
4pm Wednesday



Weather Radar Forecast
4am Thursday



Beginning

- Snow will spread in from the south Wednesday afternoon
- Reaching the I-94 corridor (Kalamazoo/Jackson) shortly after noon
- Reaching the I-69 corridor (Battle Creek/Lansing) mid afternoon

Heaviest

- Heaviest snow is expected Wednesday afternoon and evening

Ending

- West of I-69 - Snow should end late Wednesday evening
- East of I-69 – Snow should end by Thursday morning



Total Snowfall Potential Through Wednesday night



Slide #5

Snow Accumulation

- Up to 4": along I-69 and south and east of I-69
 - 2 inches or less elsewhere

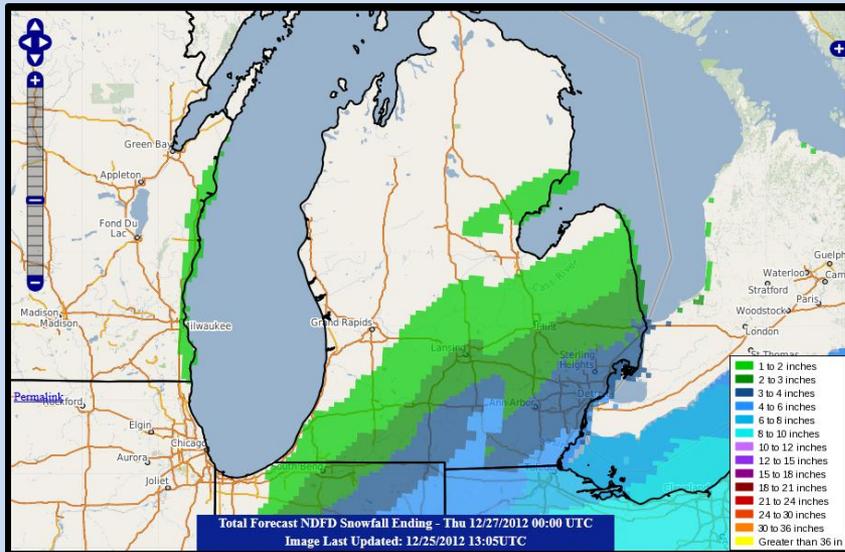
No snow accumulation possible
North of a line from Holland to Grand Rapids to Alma

Maximum Snowfall Rate

One half inch Per Hour at times

Type of Snow

Light/Fluffy and Wet/Heavy



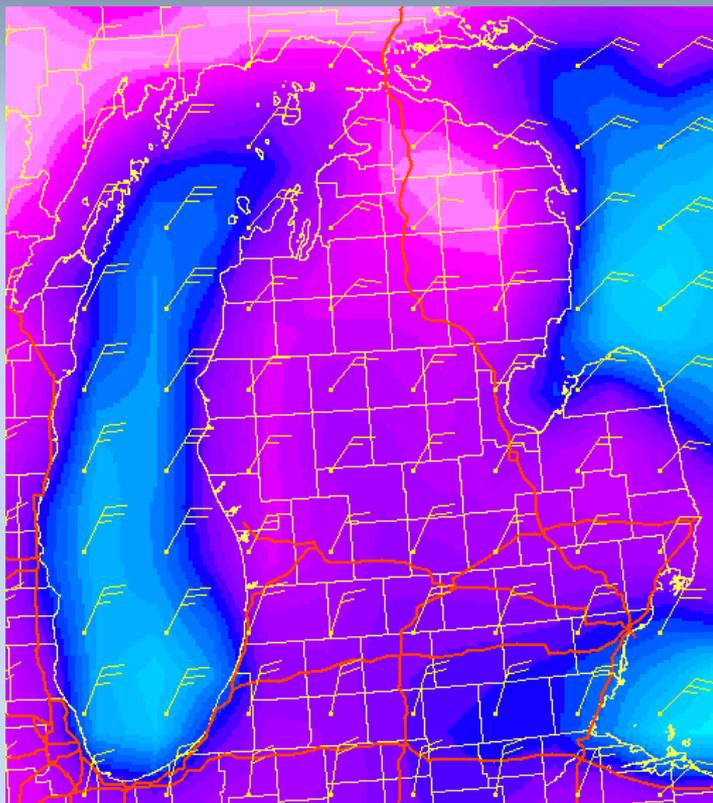
Potential Snowfall through Wednesday PM
(in inches)



Additional Hazards



Slide #6



Wind Gusts Wednesday and Wednesday night

Pink/Purple – up to 30 mph

Blue – up to 35 mph

Visibility

- Down to ½ mile Wednesday in snow
- Near zero visibilities possible Wednesday night

Wind Direction and Wind Speed

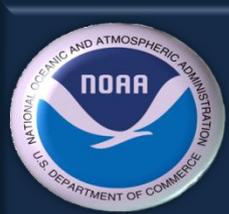
- From the Northeast 15 to 30 mph Wednesday
- Becoming 5 to 15 mph Thursday AM

Wind Chill Temperatures

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

Ice Accumulation

- None Expected



Slide #7

Event Summary



- **Highest snow along and to the south and east of I-69**
- **Blowing and Drifting snow possible with gusty winds**
- **Travel Wednesday afternoon and 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

Regional Weather Radar Loop
www.weather.gov/radar

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

Hazard Summary Page
www.crh.noaa.gov/hazards/grr

NOAA National Weather Service - Grand Rapids, Michigan

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

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