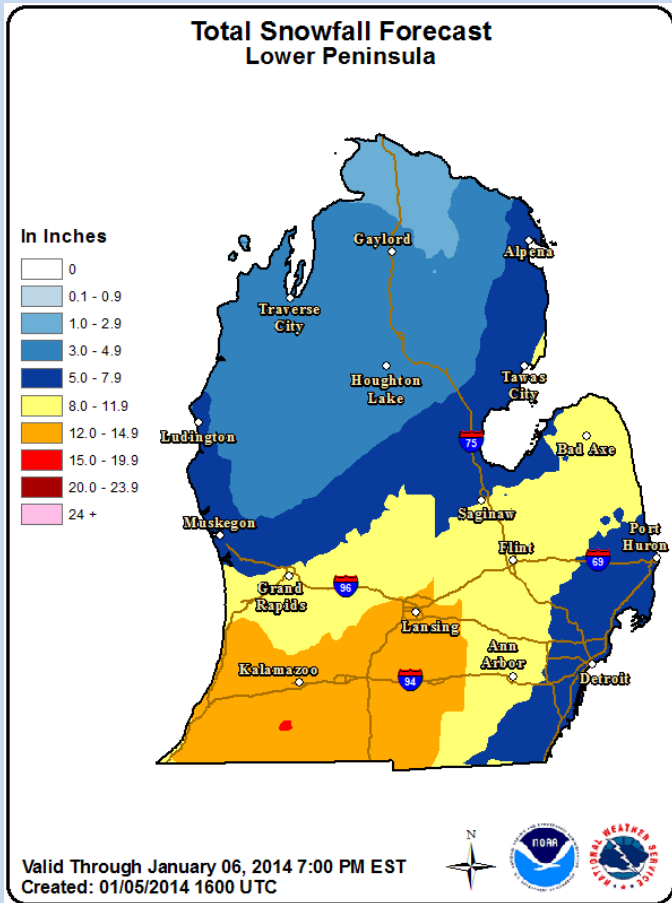




# Snow, Wind and Extreme Cold Tonight Through Wednesday



## Event Summary

**Rare Weather for Lower Michigan**

**Snow Heaviest through Tonight  
More Snow Near the Lake Shore Monday**

**Blowing Snow Over Cleared Roads  
White-Out Conditions At Times**

**Dangerously Cold Wind Chills  
Through Mid Week**

**Created: Sunday, January 05, 2014 – 100 PM**

**NOAA National Weather Service - Grand Rapids, Michigan**

**Find us on  
Facebook**

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

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

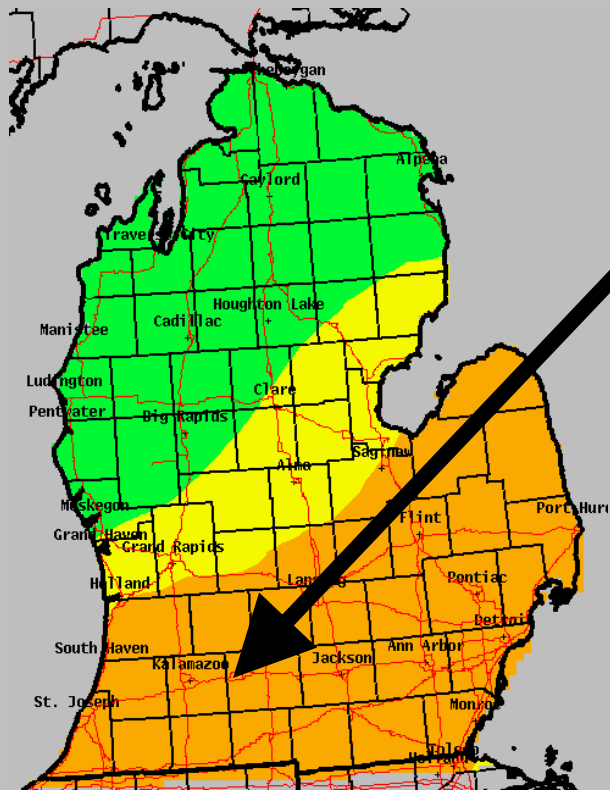
**@NWSGrandRapids  
#wmiwx #miwx**

**Phone: 616-949-0643**





# Winter Storm Expected Through Tonight



**Including: Jackson, Lansing, Kalamazoo, Battle Creek**

## Expected Impacts

- Dangerous Travel – Very Slow Speeds With Numerous Accidents, Closures
- Cleared Roads Becoming Snow Covered From Drifting Snow
- Visibility Less Than a Few Car Lengths
- School/Event Cancellations  
Flight Delays

## Possible Impacts

- Extended Road Closures into Monday

## Snow

- Additional 3-8 Inches Heaviest through midnight
- Blowing and Drifting Snow

## Ice Accumulation

- None Expected

## Temperatures and Wind

- Temperatures Tonight Will Fall into the Single Digits Above and Below Zero
- Winds from the North/Northwest Increasing Tonight – Gusts to 35mph

### Immediate – Life Saving Action

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

### Be Prepared – Major Actions

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

### Be Aware – Minor Actions

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

### Little to No Action

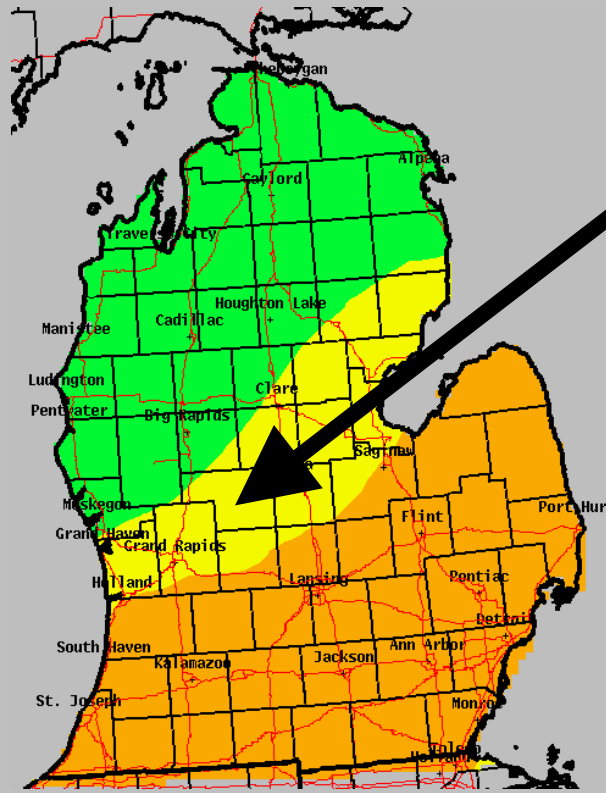
**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

## Will This Happen?

Near Certain	<input checked="" type="checkbox"/>
Better than 50/50 Chance	<input type="checkbox"/>
Unlikely	<input type="checkbox"/>



# Winter Weather Expected Through Tonight



**Including: Grand Rapids, Muskegon, Alma, Mount Pleasant**

### Expected Impacts

- Hazardous Travel – Very Slow Speeds  
Numerous Accidents
- Cleared Roads Becoming Snow Covered  
From Drifting Snow
- Visibility Less Than a Few Car Lengths
- School/Event Cancellations

### Possible Impacts

- Flight Delays

### Snow

- Additional 2-4 Inches  
Heaviest through midnight
- Blowing and Drifting Snow

### Ice Accumulation

- None Expected

### Temperatures and Wind

- Temperatures Tonight Will Fall into the  
Single Digits Above and Below Zero
- Winds from the North/Northwest  
Increasing Tonight – Gusts to 35mph

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

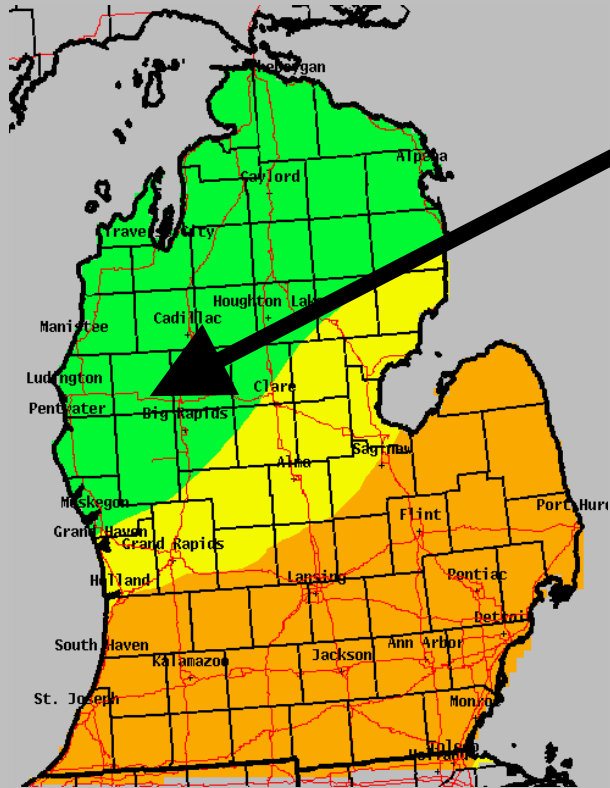
**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

### Will This Happen?

Near Certain	<input checked="" type="checkbox"/>
Better than 50/50 Chance	<input type="checkbox"/>
Unlikely	<input type="checkbox"/>



# Winter Weather Expected Through Tonight



**Including: Ludington, Reed City, Clare**

### Expected Impacts

Occasional Slippery Roads  
Brief Travel Slowdowns  
Quick Changes in Visibility

### Possible Impacts

Brief Lane Closures Due to Accidents  
School or Business Delays

### Snow

Additional 1-2 Inches Possible  
Heaviest through midnight  
Blowing and Drifting Snow

### Ice Accumulation

None Expected

### Temperatures and Wind

Temperatures Tonight Will Fall into the Single Digits Above and Below Zero  
Winds: From the North/Northwest Increasing Tonight – Gusts to 35mph

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

### Will This Happen?

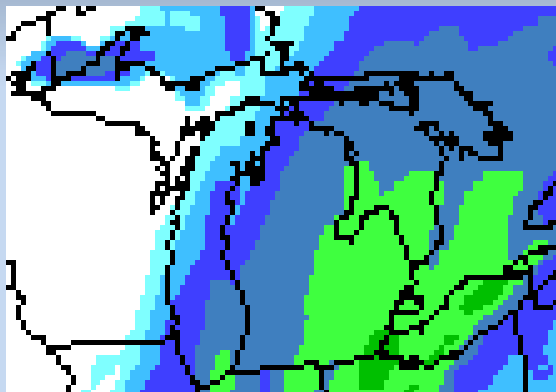
Near Certain	
Better than 50/50 Chance	
Unlikely	



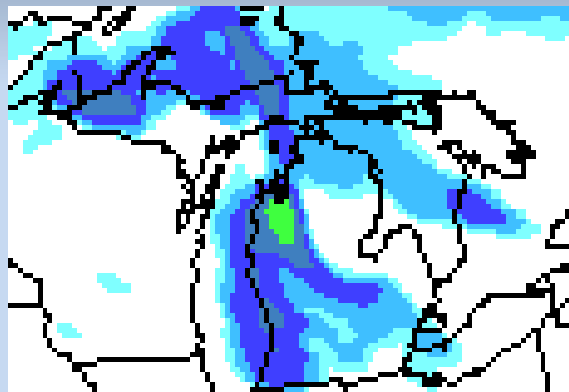
# When Winter Weather is Expected



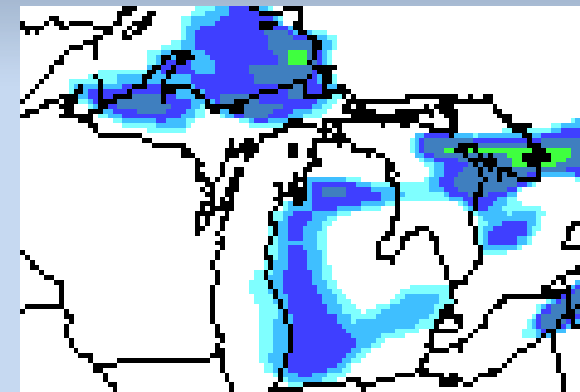
**Weather Radar Forecast  
7pm Sunday**



**Weather Radar Forecast  
5am Monday**



**Weather Radar Forecast  
6pm Monday**



**Starting**

**Snow Continuing**

**Worst Weather  
Expected**

**West of US-131: Through Monday Evening  
Elsewhere: Through Midnight Tonight**

**Ending**

**West of US-131: Midday Tuesday  
Elsewhere: Midday Monday**

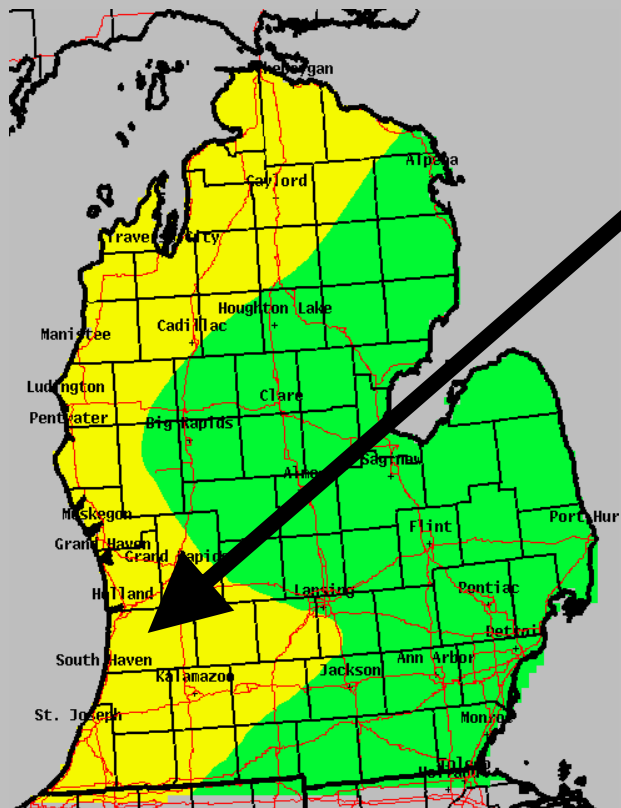
**Commutes  
Affected**

**Greatest Expected Impact: Monday Morning  
Also Impacting: Monday Evening, Tuesday Morning**



# Winter Weather Expected

## Monday and Tuesday



**Including: Ludington, Muskegon, Holland, Grand Rapids, Grand Haven**

### Expected Impacts

Hazardous Travel – Very Slow Speeds  
Numerous Accidents

Cleared Roads Becoming Snow Covered  
Especially North to South Roads

Rapid Changes in Visibility  
Visibility Less than a Few Car Lengths

### Possible Impacts

School/Event Cancellations

### Expected Impacts

Snow Blowing Over Cleared Roads

### Snow

Light and Fluffy Snow - Light Accumulations  
Blowing and Drifting Snow

### Ice Accumulation

None Expected

### Temperatures and Wind

Highs: Single Digits Above Zero  
Lows: Single Digits Below Zero

Winds From the West at 15 to 25 mph  
Gusts to 35mph

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

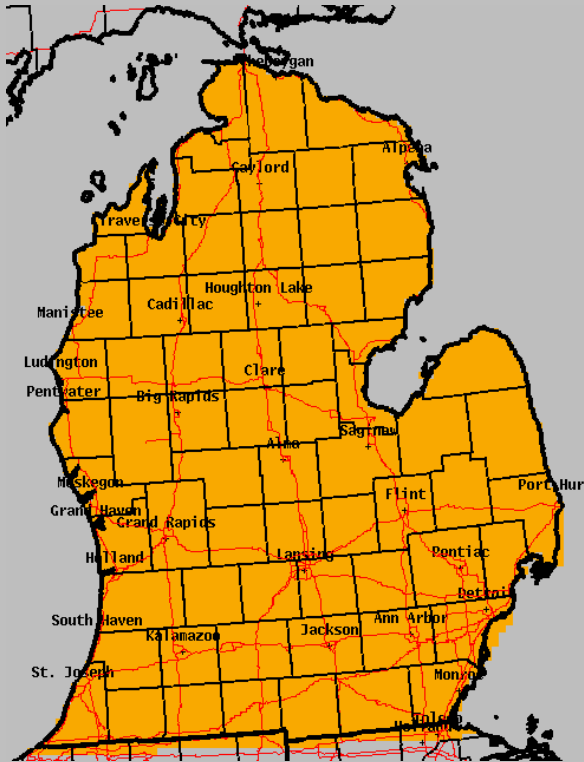
**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

### Will This Happen?

Near Certain	<input checked="" type="checkbox"/>
Better than 50/50 Chance	<input type="checkbox"/>
Unlikely	<input type="checkbox"/>



# Dangerous Cold Expected Tonight Through Wednesday Morning



**This Type of Cold is Rare  
For Lower Michigan**

**Dangerously Cold Wind Chills  
Monday through Wednesday  
25 Below or Colder – Statewide**

**Coldest Air Expected Monday Night  
and Tuesday Morning**

**Immediate – Life Saving Action**

**Extremely Life Threatening**  
Everything Will be Shut Down Possibly for Days or Weeks

**Be Prepared – Major Actions**

**Expect Dangerous Conditions**  
Expect Major Disruption of Normal Activities

**Be Aware – Minor Actions**

**Caution – Especially When Travelling**  
Plan to Be Inconvenienced

**Little to No Action**

**Little to No Impact on Daily Life**  
Plan on Minor Inconvenience

## Will This Happen?

Near Certain



Better than 50/50 Chance

Unlikely



# Winter Weather Impact Summary

## From Snow and Wind – through Tuesday



### Through Tonight

#### Expected Impacts

Dangerous Travel – Very Slow Speeds  
With Numerous Accidents, Closures

Cleared Roads Becoming Snow Covered  
From Drifting Snow

Visibility Less Than a Few Car Lengths

School/Event Cancellations  
Flight Delays

#### Expected Impacts

Hazardous Travel – Very Slow Speeds

Cleared Roads Becoming Snow Covered  
From Drifting Snow

Visibility Less Than a Few Car Lengths

School/Event Cancellations

#### Expected Impacts

Occasional Slippery Roads  
Brief Travel Slowdowns  
Quick Changes in Visibility

### Monday and Tuesday

#### Expected Impacts

Hazardous Travel – Very Slow Speeds  
Numerous Accidents

Cleared Roads Becoming Snow Covered  
Especially North to South Roads

Rapid Changes in Visibility  
Visibility Less than a Few Car Lengths

#### Possible Impacts

School/Event Cancellations  
Flight Delays

#### Expected Impacts

Snow Blowing Over Cleared Roads

**Dangerously  
Cold Wind  
Chills**

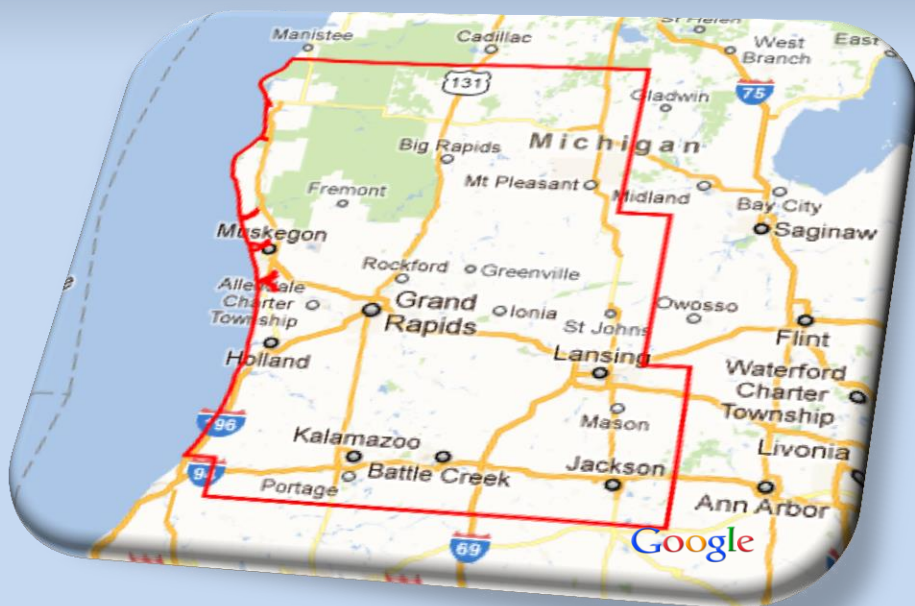




# For Additional Information



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

