

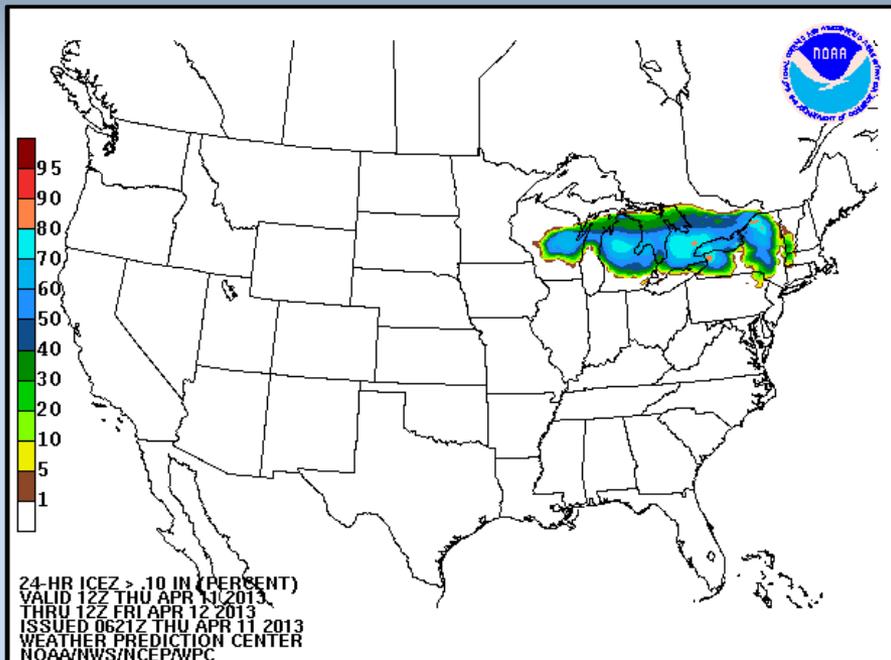


Flooding and Freezing Rain Potential



Slide #1

Through Early Friday



Probability of Ice Accumulation Through Friday

Event Summary

Some Additional Rainfall Today

**River Flooding with More Rain
Likely Next Week**

**Light Freezing Rain
Still Possible Through Tonight**

Created: Thursday, April 11, 2013 – 1100 AM

NOAA National Weather Service - Grand Rapids, Michigan

Find us on
Facebook

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

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@NWSGrandRapids
#wmiwx

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

Typical Recovery Time
Up to A Couple of Days

Extreme:

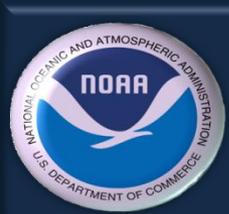
- Historic Weather – Once Every 20+ years
- Extremely Threatening to Life/Property
- Total disruption of daily life
- Recovery Time: days or weeks

High:

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

Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: Up to A Couple of Days



Confidence and Potential Impacts



Slide #3

On Freezing Rain Potential Through Tonight

Confidence this
Weather Will Occur

High

Medium

Low



Road Conditions

- Little Impact Anticipated
- Bridges and Overpasses Especially – if Any Ice Accumulation Occurs
- Especially After Dark

Commutes
Affected

- Little Impact Anticipated Thursday Evening and Friday Morning

Additional
Potential Impacts

- Isolated Tree Damage Possible with Any Ice Accumulation
- Light Ice Accumulation Possible on Power Lines
- Wind Gusts up to 30 mph Today - Should Have Limited Impact
- Cold Air Lingers with Light Snow Possible through Friday into Saturday

Power Outage
Potential

High

Medium



Low



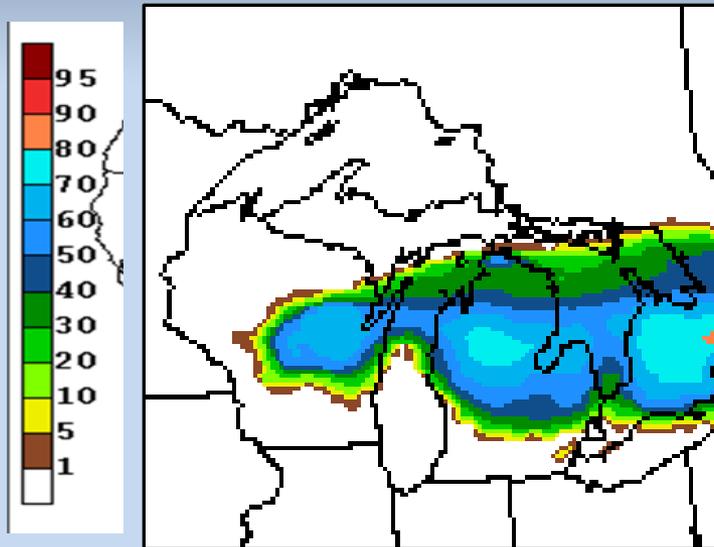
Freezing Rain Probabilities



Slide #4

Tonight through Early Friday

Probability of Light Ice Accumulation
6pm Thursday to 6am Friday



Beginning

- Late Thursday Afternoon - if Freezing Rain Occurs at all

Best Chance

- Muskegon, Stanton, Alma and areas North: **6pm Thursday to 6am Friday**

Ending

- Early Friday Morning



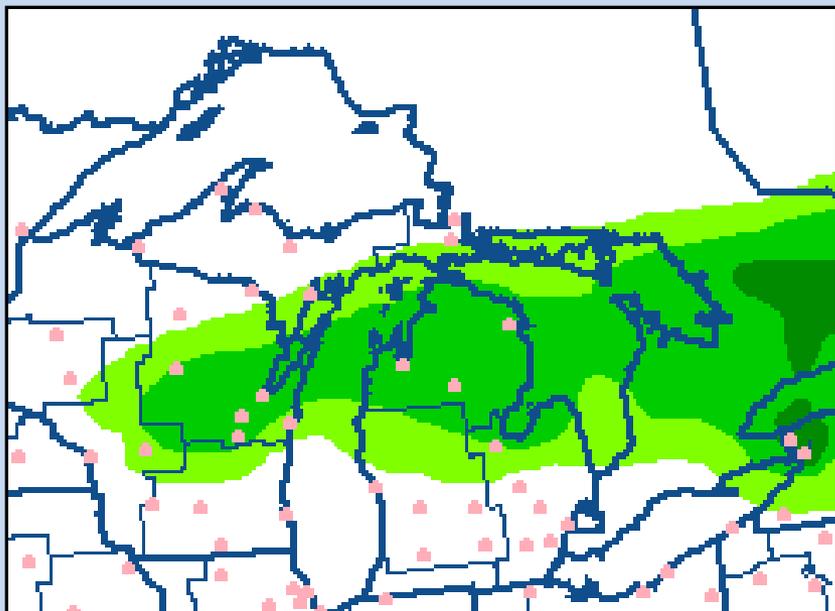
Possible Ice Accumulation

Through early Friday



Slide #5

Widespread Below Freezing Temperatures Not Expected
This Should Help Limit Ice Accumulation if Any Occurs at all



Ice Accumulation Possible

Through Early Friday

None to One-Tenth
(Medium Green)

Maybe a Light Glaze
(Light Green)



weather.gov/grandrapids





Additional Rainfall

Through Early Friday



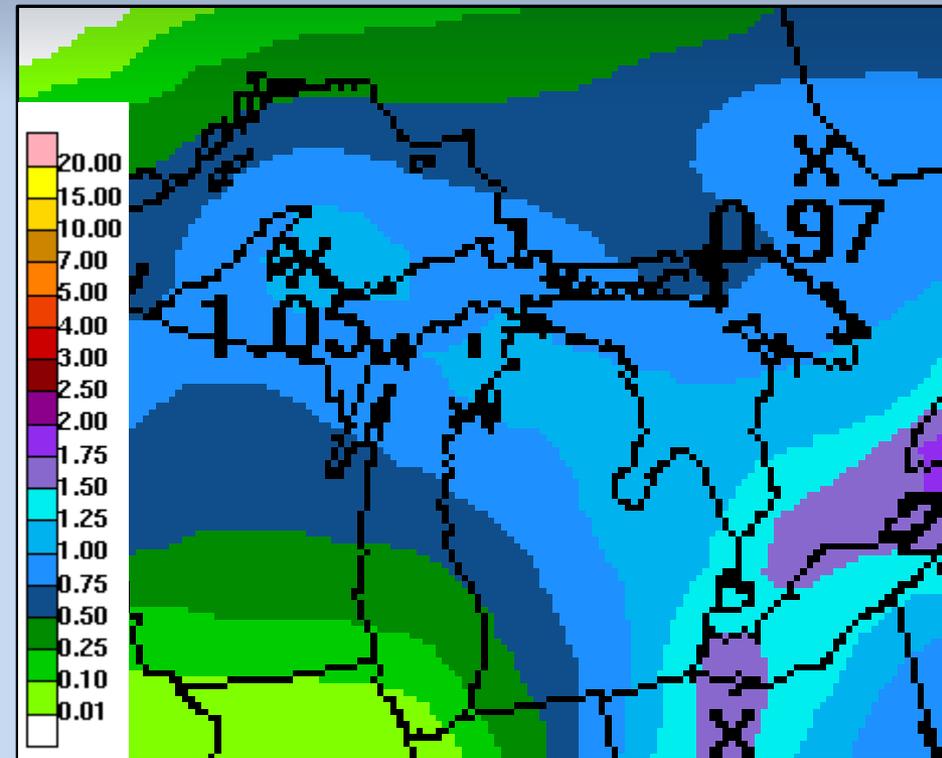
Slide #6

Rainfall Forecast

About 1 inch of Additional Rain

Through Early Friday

Heaviest Additional Amounts
South and East



Additional Rainfall Possible Through Friday



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River Flooding Information



Slide #7

[Click Here For River Levels, Flood Advisories and Flood Warnings](#)

What	<ul style="list-style-type: none">• Minor flooding of small streams/creeks could cause flooding in larger rivers
When	<ul style="list-style-type: none">• Small Streams/Creeks: Minor Flooding Continues through the Weekend• Larger Rivers: Significant Rises Likely into Early Next Week
Where	<ul style="list-style-type: none">• All of Southern Lower Michigan• Kalamazoo, Grand, and the Muskegon River Basins hardest hit
Forecast Confidence	<ul style="list-style-type: none">• High Confidence: Minor Flooding of Small Creeks and Streams <u>Will Occur</u>• High Confidence: Minor Flooding of Some Larger Rivers <u>Will Occur</u>• Low Confidence: Moderate or Major Flooding of Large Rivers <p style="text-align: center;"><u>Minor Flooding Typically Results in</u> Limited Property Damage Some Public Threat or Inconvenience</p>

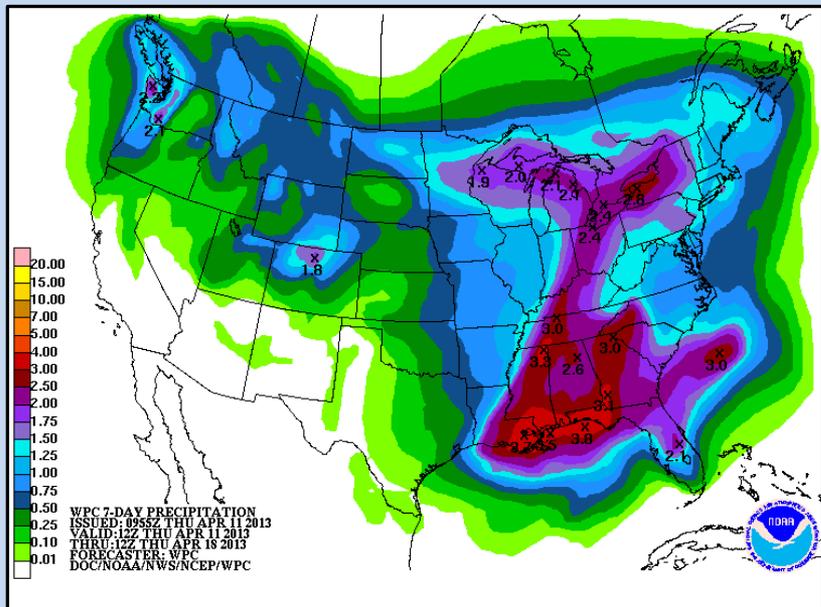


Flooding Concern Continues



Slide #8

Additional Rainfall Likely Next Week



Possible 7-Day Additional Rainfall Through Next Thursday

Several Chances for Heavy Rain During the Next Week

2 or more Additional Inches Possible Across all of Lower Michigan

Likely to Keep Stream and River Flooding a Threat Through Next Week

[Click Here For River Levels, Flood Advisories and Flood Warnings](#)





Event Summary



Slide #9

Some Light Ice Accumulation Still Possible

About 1 inch of Additional Rain Possible by Friday

More Rain With River Flood Threat Next Week

[Click Here For River Levels, Flood Advisories and Flood Warnings](#)



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For Additional Information



Slide #10

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

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