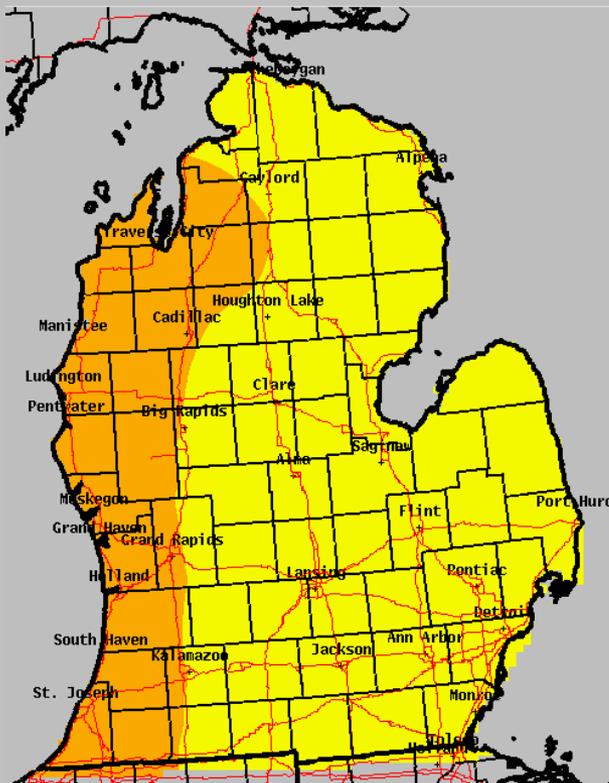




Winter Storm Expected

Late Friday, Feb 13 through Late Saturday, Feb 15



Including: Traverse City, Ludington, Muskegon, Cadillac, Holland, South Haven, St. Joseph

Expected Impacts

Very Dangerous Travel Especially Near the Lake Shore

Blowing Snow and Zero Visibility
Drifting Snow Over Roads
Ground Blizzard at Times

Time to Frostbite from Exposure to Cold Less Than 15 Minutes

Possible Impacts

Power Outages
Road/Highway Closures

Snow

3 to 6 inches near the Lake Shore
Less than 3 Inches Inland
Significant Blowing Snow

Ice Accumulation

None Expected

Temperatures and Wind

Very Strong Winds Saturday
20 to 30 mph with Gusts to 45 mph

Temperatures Will be Below Zero Saturday Night and Sunday Night

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

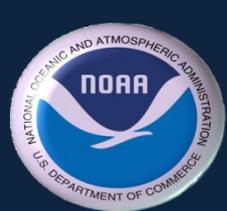
Caution – Especially When Travelling
Plan to Be Inconvenienced

Little to No Action

Little to No Impact on Daily Life
Plan on Minor Inconvenience

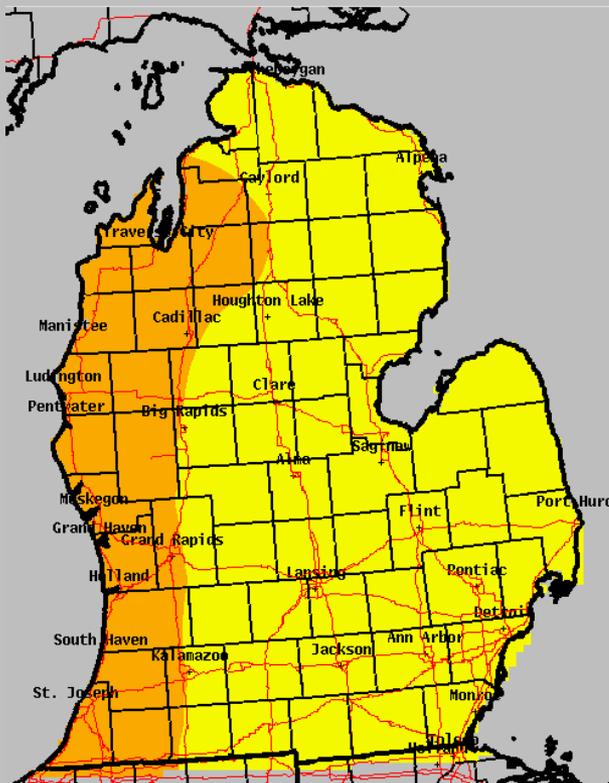
Will This Happen?

Near Certain	
Better than 50/50 Chance	
Unlikely	



Winter Weather Expected

Late Friday, Feb 13 through Late Saturday, Feb 15



Including: Big Rapids, Mt. Pleasant, Gaylord, Jackson, Lansing, Flint, Ann Arbor, Detroit

Expected Impacts

Dangerous Travel at Times

Blowing Snow and Zero Visibility
Drifting Snow Over Roads
Especially Open Country

Time to Frostbite from Exposure to Cold
Less Than 15 Minutes

Possible Impacts

Power Outages
Road/Highway Closures

Snow

1 to 3 inches
Most Locations Less than 2 Inches
Significant Blowing Snow

Ice Accumulation

None Expected

Temperatures and Wind

Very Strong Winds Saturday
20 to 30 mph with Gusts to 40 mph

Temperatures Will be Below Zero
Saturday Night and Sunday Night

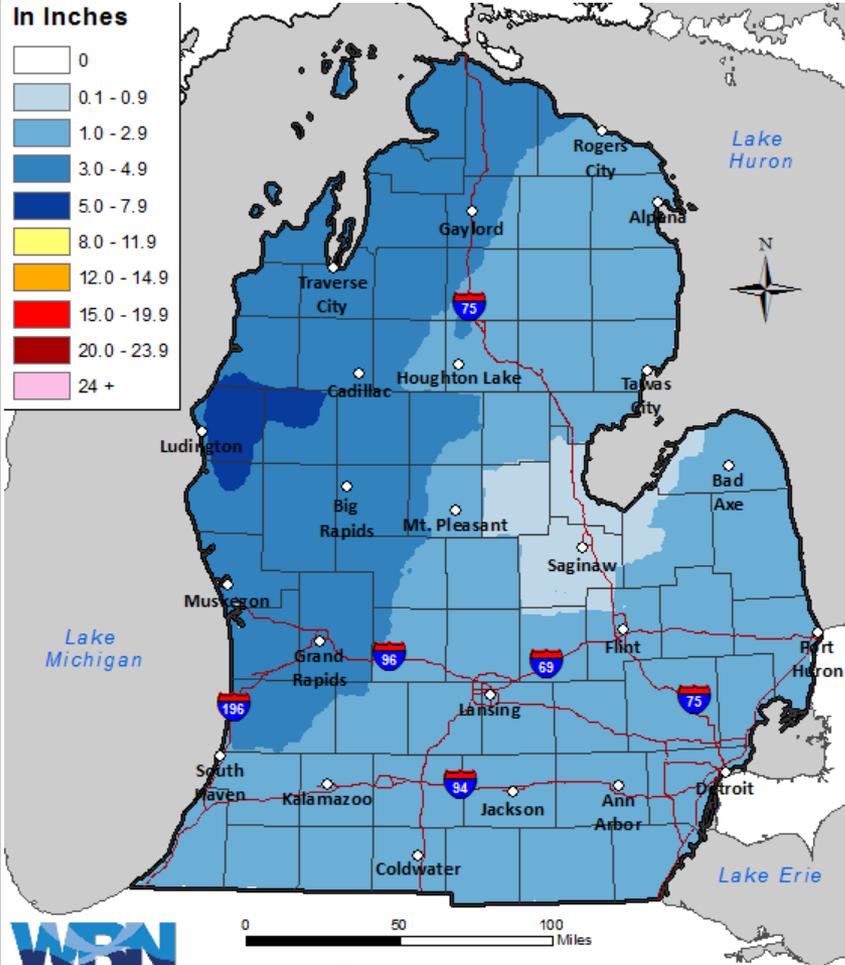
Immediate – Life Saving Action	Extremely Life Threatening Everything Will be Shut Down Possibly for Days or Weeks
Be Prepared – Major Actions	Expect Dangerous Conditions Expect Major Disruption of Normal Activities
Be Aware – Minor Actions	Caution – Especially When Travelling Plan to Be Inconvenienced
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	



Potential Snow Totals

Late Friday, Feb 13 through Late Saturday, Feb 15



This Storm is Not Expected to Have High Snow Totals

Portions of Southern Lower Michigan May Get Little to No Snow

Where Snow Does Fall Blowing Snow Will Result in Dangerous Travel Conditions

Expect Zero Visibility at Times With Little Notice and Rapidly Changing Road Conditions



Created by the National Weather Service Grand Rapids, Michigan

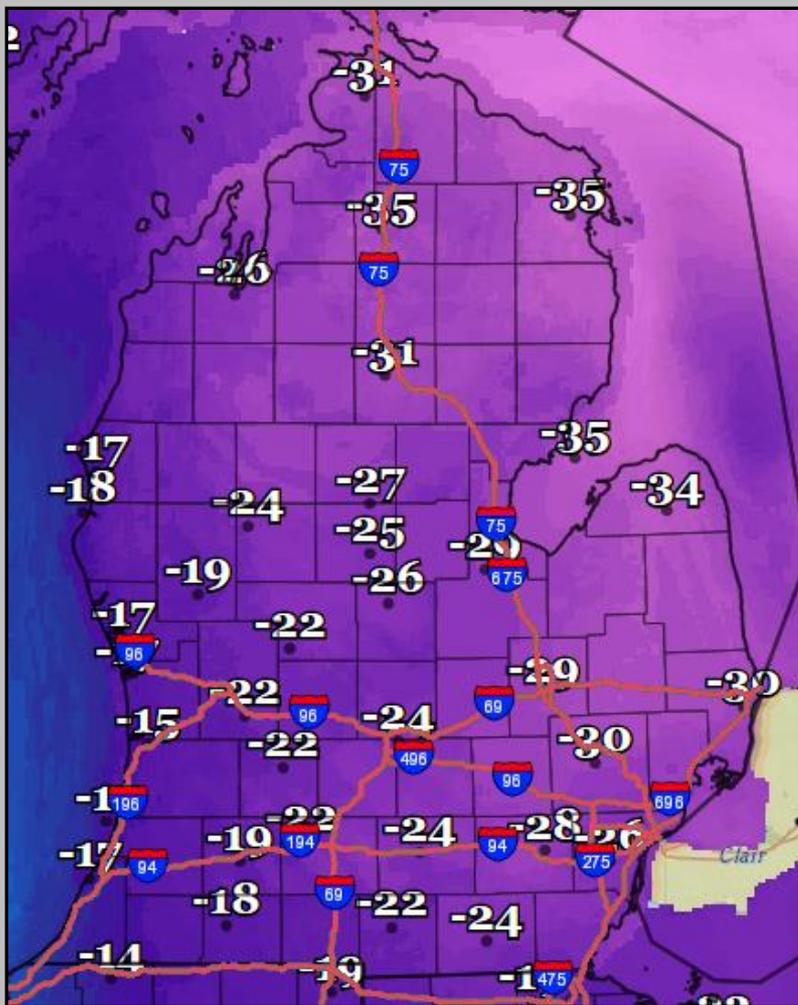
Created: Friday, February 13, 2015 11:20 AM

Source: NWS National Digital Forecast Database



Very Dangerous Cold Air

Late Friday, Feb 13 through Late Saturday, Feb 15



Wind Chill Forecast
Sunday Morning

Rare Cold Expected Starting Saturday

Frostbite Times from Exposure
Saturday through Monday Morning
Less Than 15 Minutes

Will be 5 Minutes or Less at Times
Especially Early Sunday Morning

Very Cold Air Continues Through Next Week

Temperatures May Not Be Above
25 Degrees until at Least Next Weekend

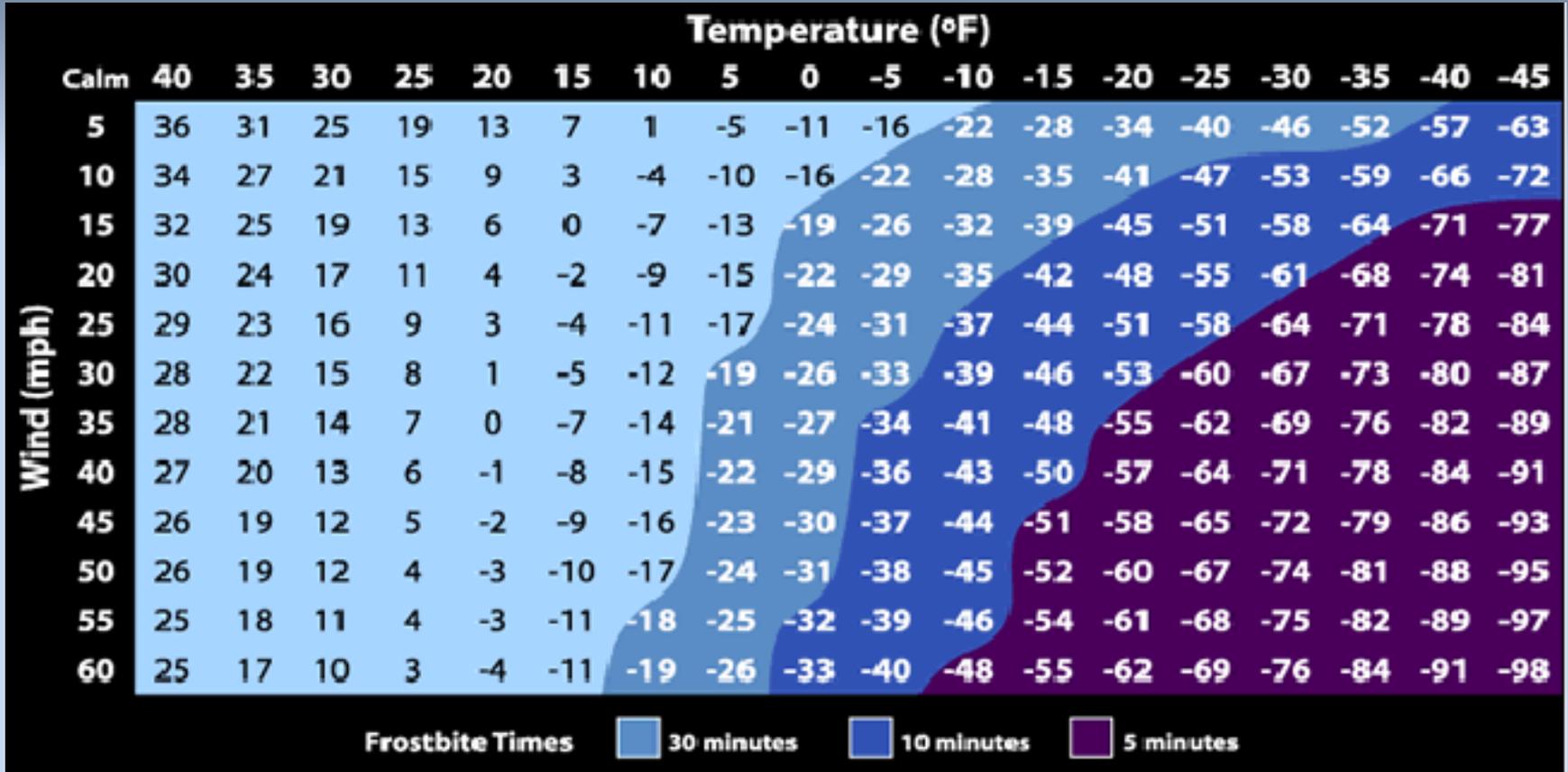
Frozen Pipes May Become an Issue



Wind Chill Chart



Including Times to Frostbite From Exposure



NOAA National Weather Service - Grand Rapids, Michigan

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

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