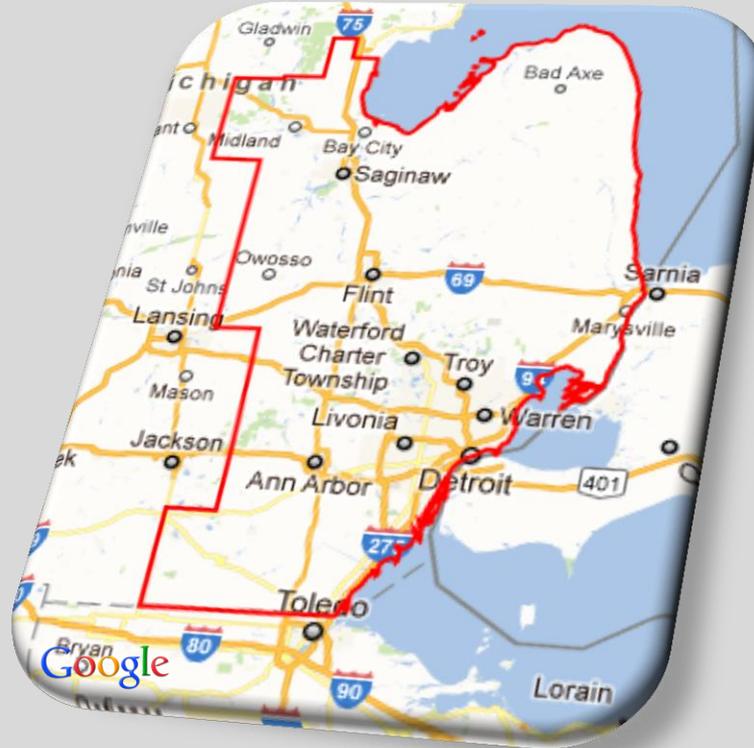




Weather Briefing

December 16, 2016 330 PM



National Weather Service
Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov

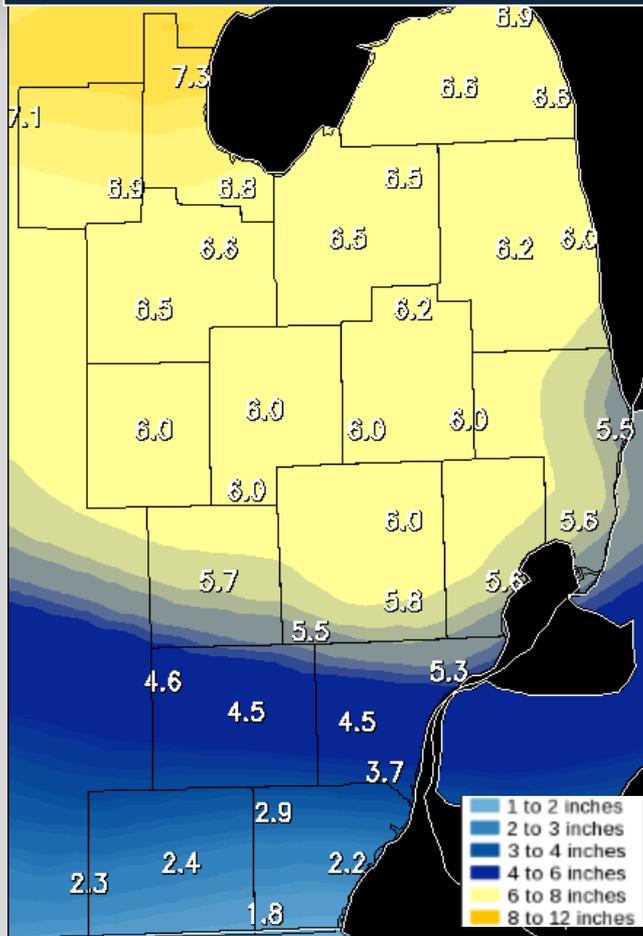




Winter Weather Advisory

This Evening Through Saturday Morning

Storm Total Snowfall by Midnight Saturday



Event Summary

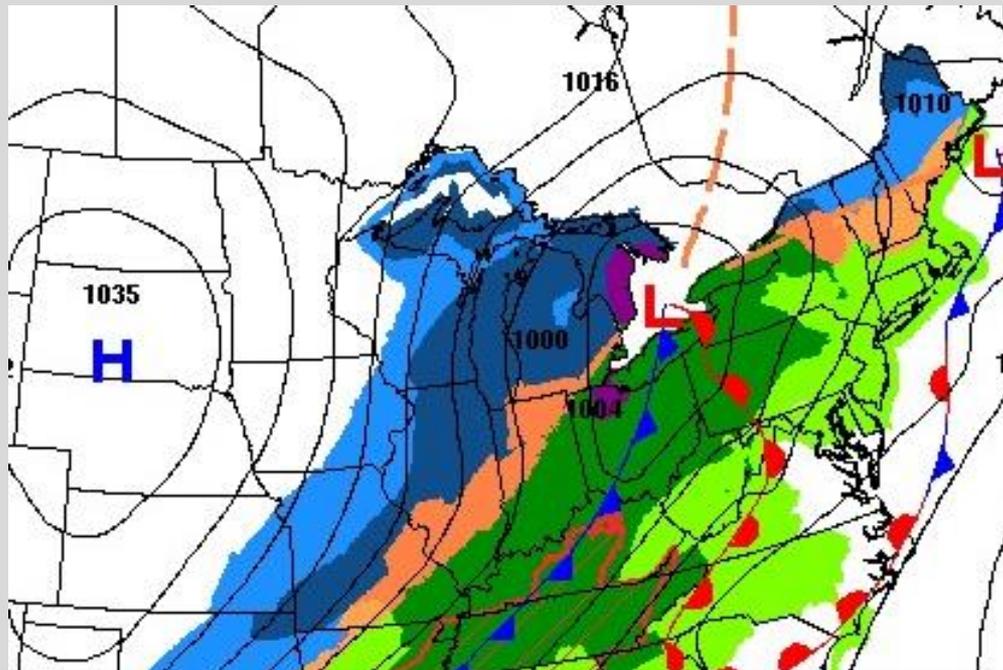
Widespread snowfall accumulations of 3 to 6 inches expected across southeast Michigan tonight as low pressure tracks toward the southern Michigan border. Although most of the precipitation will be over on Saturday, warmer air lifting into the region could lead to a brief period of sleet and freezing rain along and south of M-59 during the morning and afternoon hours. An additional inch or two of snow appears likely late Saturday into Saturday evening north of M-59 for storm totals of 5 to 8 inches.



- Winter Storm Watch
- Winter Storm Warning
- Winter Weather Advisory



Weather Briefing



Forecast for Saturday at 700 PM

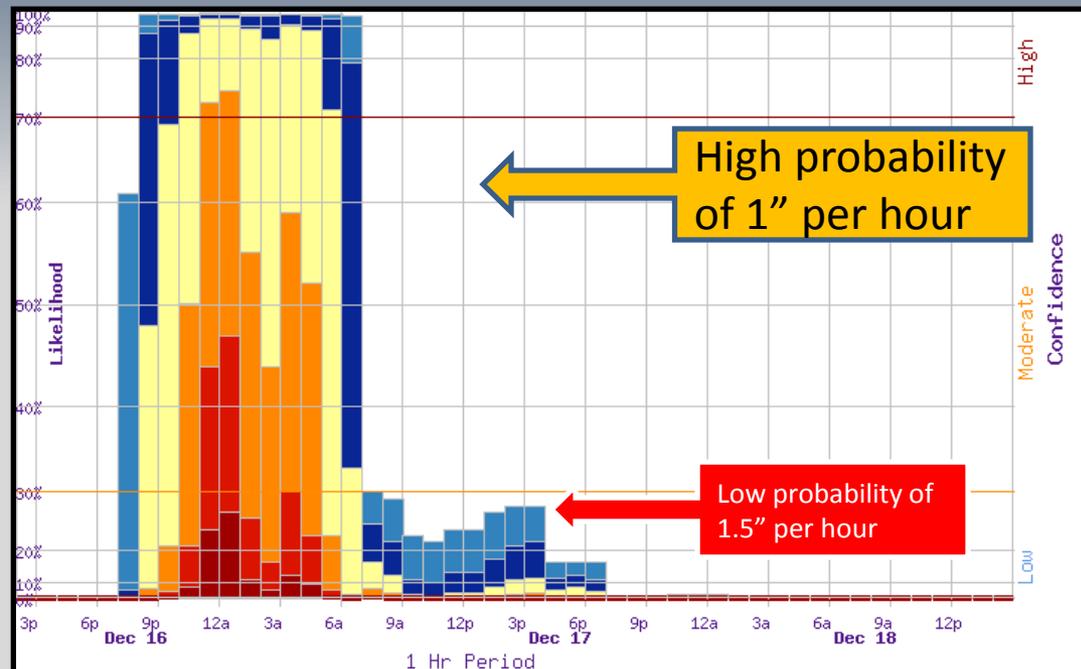
Why will this happen?

A low pressure system will approach the southern Michigan border Saturday Morning. Moist and warmer air will stream into the State, which could allow for the snow to changeover to a brief wintry mix or even light rain before precipitation tapers off during Saturday. There is uncertainty with how far north this changeover will occur, but could reach the M-59 corridor, with higher confidence toward the Ohio Border. Any period of freezing rain should be brief with just a glaze of ice expected.

- NDFD Rain (Chance)
- NDFD Rain (Likely)
- NDFD Snow (Chance)
- NDFD Snow (Likely)
- NDFD Mix (Chance)
- NDFD Mix (Likely)
- NDFD Ice (Chance)
- NDFD Ice (Likely)
- NDFD T-Storm (Chance) (Hatched)
- NDFD T-Storm (Likely and/or Severe)



Snowfall Intensity and Timing



Light Blue	Likelihood to Achieve - 0.1 inch Snowfall
Dark Blue	Likelihood to Achieve - 0.25 inch Snowfall
Yellow	Likelihood to Achieve - 0.5 inch Snowfall
Orange	Likelihood to Achieve - 1.0 inch Snowfall
Red-Orange	Likelihood to Achieve - 1.5 inch Snowfall
Dark Red	Likelihood to Achieve - 2.0 inch Snowfall

Detroit

Start	6 – 8 pm Friday. Snow developing by Mid Evening.
Peak	10 pm Friday – 5 am Saturday. Snowfall rates of .5 - 1” per hour likely.
End	6 – 9 am Saturday Snow tapering off to light wintry mix or freezing drizzle (Around and south of M-59).

Dry Snow Trending To Wet Snow Saturday Morning

Character of Snow	Wet 	Normal 	Dry
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Risk Assessment/Potential Impacts



	Power Outage Potential	Blowing/ Drifting Potential	Total Winter Hazard Risk Assessment
Extreme			
High			
Moderate			
Low			

Potential Impacts

- Snow covered and slippery roads
- Travel will be impacted Friday evening through Saturday Morning
- Brief period of sleet and light freezing rain possible along and south of M-59 Saturday Morning & Afternoon

Total Winter Hazard Risk Assessment Definitions:

Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

Moderate:

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



Additional Information



Local Hazards Page

<http://www.weather.gov/dtx/dtxhazards>

Snowfall Forecast

<http://www.weather.gov/dtx/snowfall>

Decision Support Page

<http://www.weather.gov/dtx/dss>

Latest Storm Reports

<http://go.usa.gov/c36Bj>

Latest Public Information Statement

<http://go.usa.gov/c36KP>



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