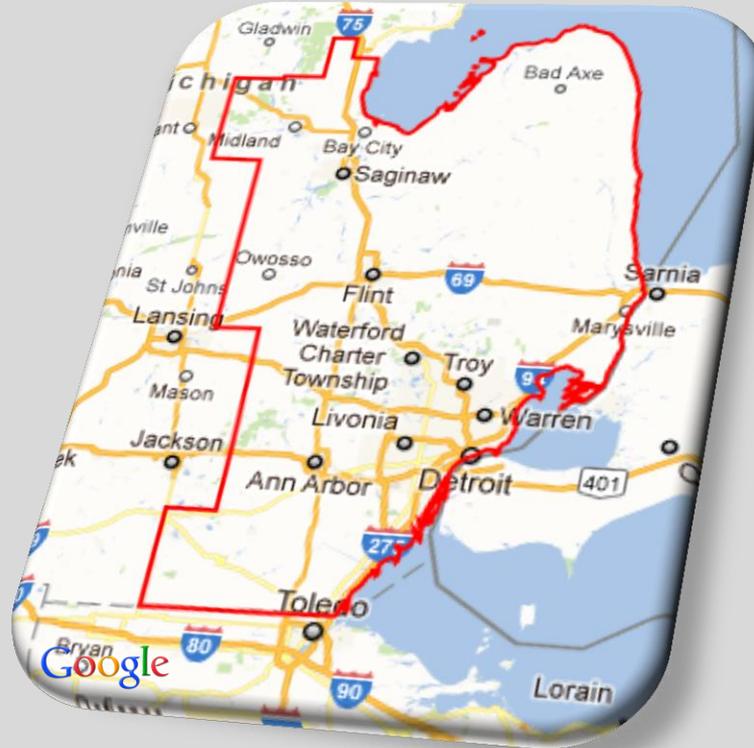




Weather Briefing January 30, 2015



**National Weather Service
Detroit/Pontiac, MI**

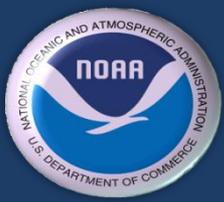
<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov

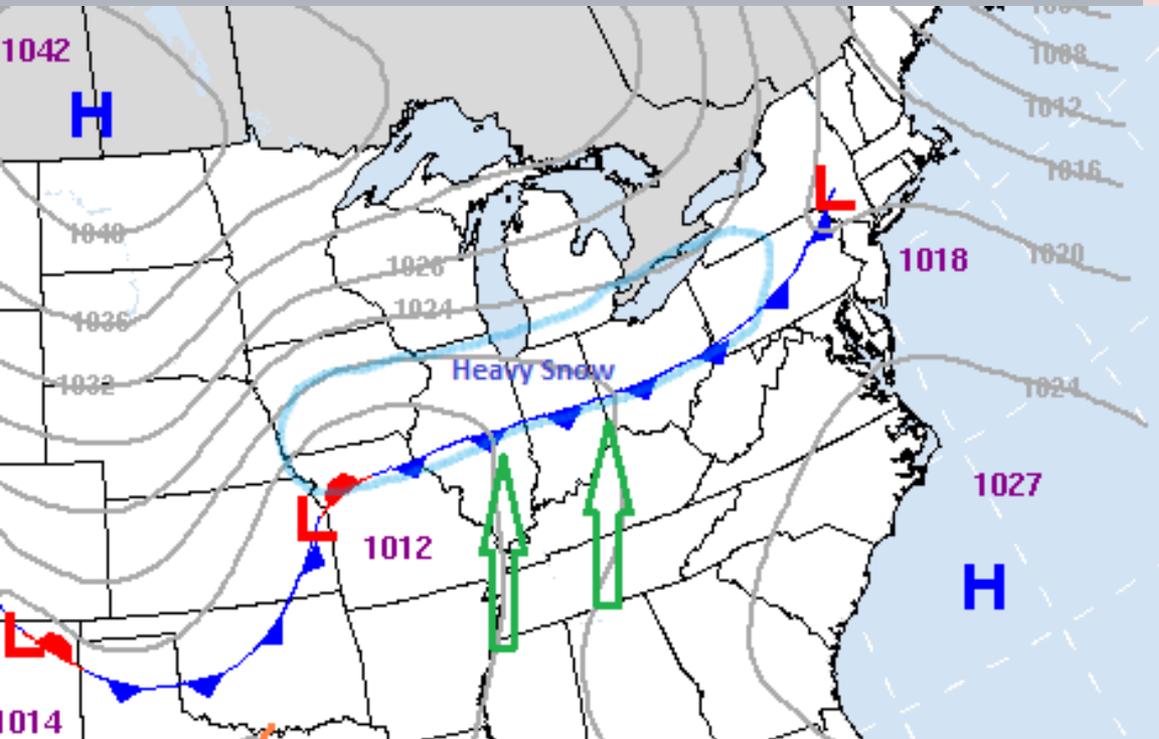


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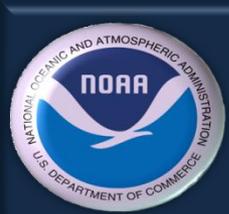
Decision Support Briefing Highlights



Surface Map For Sunday Feb 1st

Event

- Potential for Accumulating Snow Sunday. Highest Totals Expected Along and South of a Detroit to Ann Arbor Line.
- Winter Storm Watch For Lenawee/Monroe/Washtenaw/ and Wayne Counties Late Saturday Night through Late Sunday Night
- Low Pressure Will Move East Across the Ohio Valley, with Heavy Snow Falling to the North of the Storm Track



Winter Hazard Risk Assessment



Extreme

High

Moderate



Low

**This Event is an
Occasional Weather
Event**

Some Disruption to Daily Life

Rarely Directly Life Threatening

Recovery Time

+/- 6 hrs After the Weather Ends

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



Potential Impacts

| | |
|-------------------------------------|--|
| Road Conditions | <ul style="list-style-type: none">• Slippery road conditions expected in heavy snow• Temperatures will hold in the upper teens and low 20s• Northeast winds 10 to 20 MPH |
| Additional Potential Impacts | <ul style="list-style-type: none">• Travel may be severely restricted• This may be a long duration event (greater than 18 hours in duration) |

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



Timing of Winter Weather



| | |
|------------------|---|
| Beginning | <ul style="list-style-type: none">• Snow will begin late Saturday night, mainly south of the I-94 corridor.• The snow will expand north during the day Sunday. |
| Heaviest | <ul style="list-style-type: none">• Heaviest snow is expected Sunday Afternoon and early Evening. |
| Ending | <ul style="list-style-type: none">• Snow will end after midnight Sunday Night. |

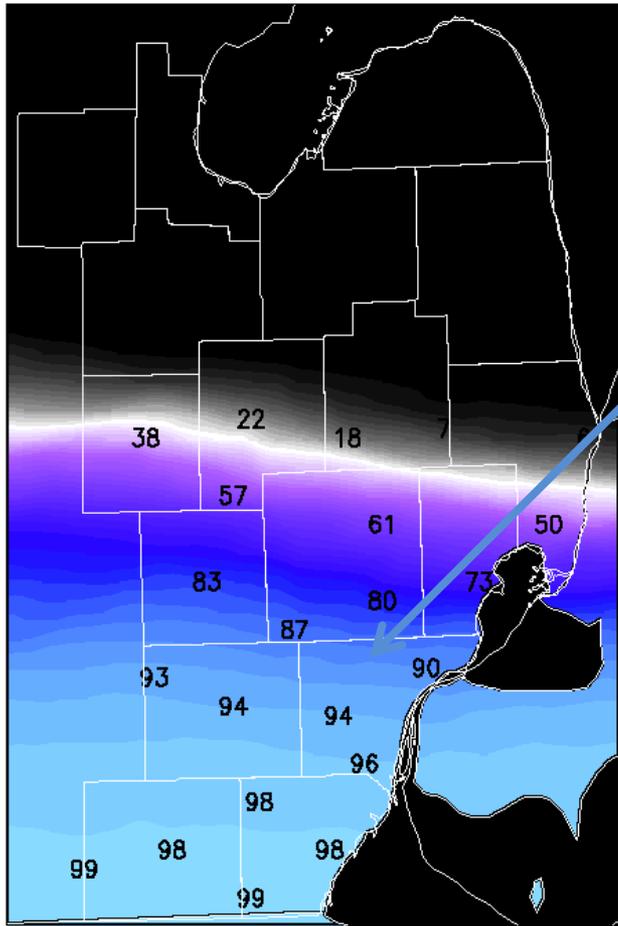


Snowfall Confidence

Total Snowfall Late Sat Night – Sun Night



Storm PSnow (%) thru 02/02/2015 06EST

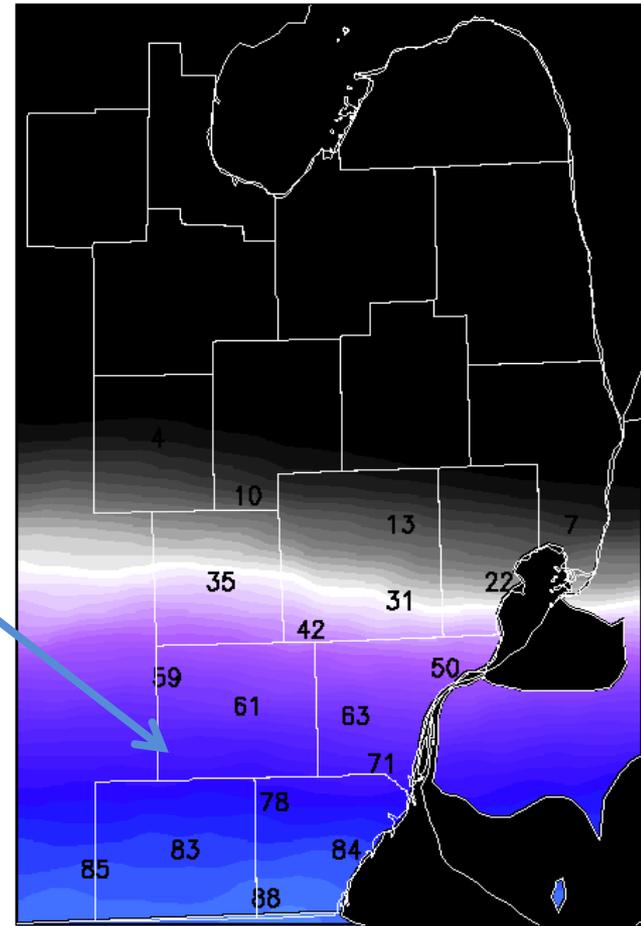


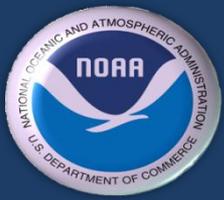
AREA View

High confidence snowfall totals will exceed 4 inches.

Moderate to High confidence snowfall totals will exceed 6 inches

Storm PSnow (%) thru 02/02/2015 06EST



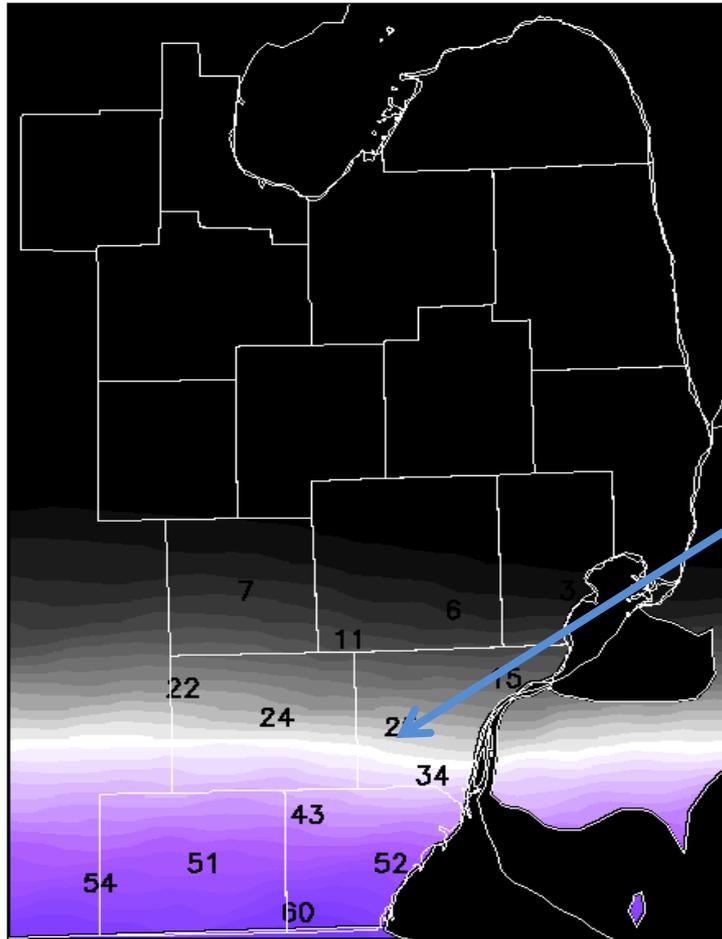


Snowfall Confidence

Total Snowfall Late Sat Night – Sun Night



Storm PSnow (%) thru 02/02/2015 06EST



AREA View

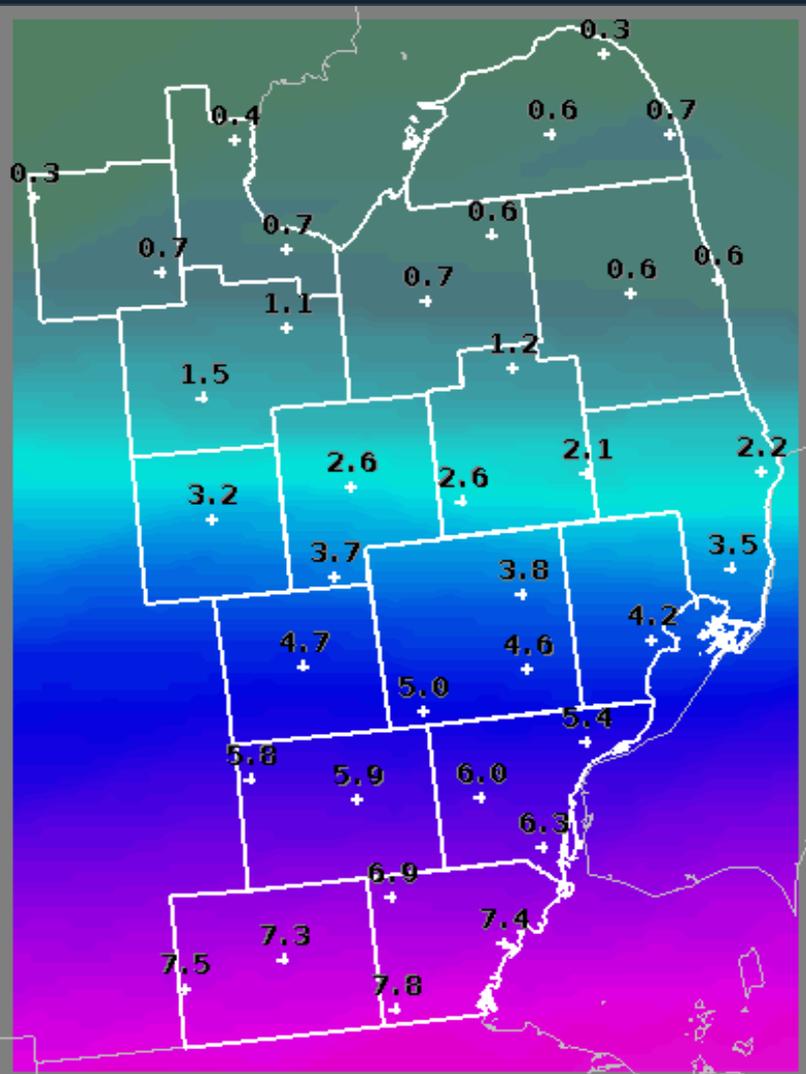
Low to Medium confidence snowfall totals will exceed 8 inches.



Storm Total Snowfall



Forecast Totals For Sunday/Sun Night



Storm Total Snow (inches) ending 07 am EST, Mon Feb 02, 2015

Snow Accumulation

- 6 inches or more south of I-94
- 4 to 6 inches between I-94 and M-59
- 2 to 4 inches between M-59 and I-69
- Less than 2 inches north of I-69

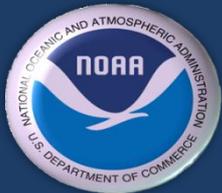
Type of Snow

Mix of Heavy Wet and Light and Fluffy

Additional Hazards

- Some blowing and drifting of snow
- Wind chills below zero Sunday evening and Sunday Night

Storm Total Snow From Midnight Sat Night through 7 AM Monday



Forecast Challenges

- **There remains uncertainty as to how far north this storm system will track.**
 - If it tracks farther north, snowfall accumulations north of the I-94 corridor will be much higher.
 - If however, the system tracks farther south, snowfall accumulations will be lower than forecast.
- **There is some uncertainty as to how quickly the heavy snow overspreads the area on Sunday.**



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Great Lakes Marine Portal

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

NWS Detroit/Pontiac, MI

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

Email: w-dtx.webmaster@noaa.gov



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