Weather Briefing

February 14, 2015

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National Weather Service

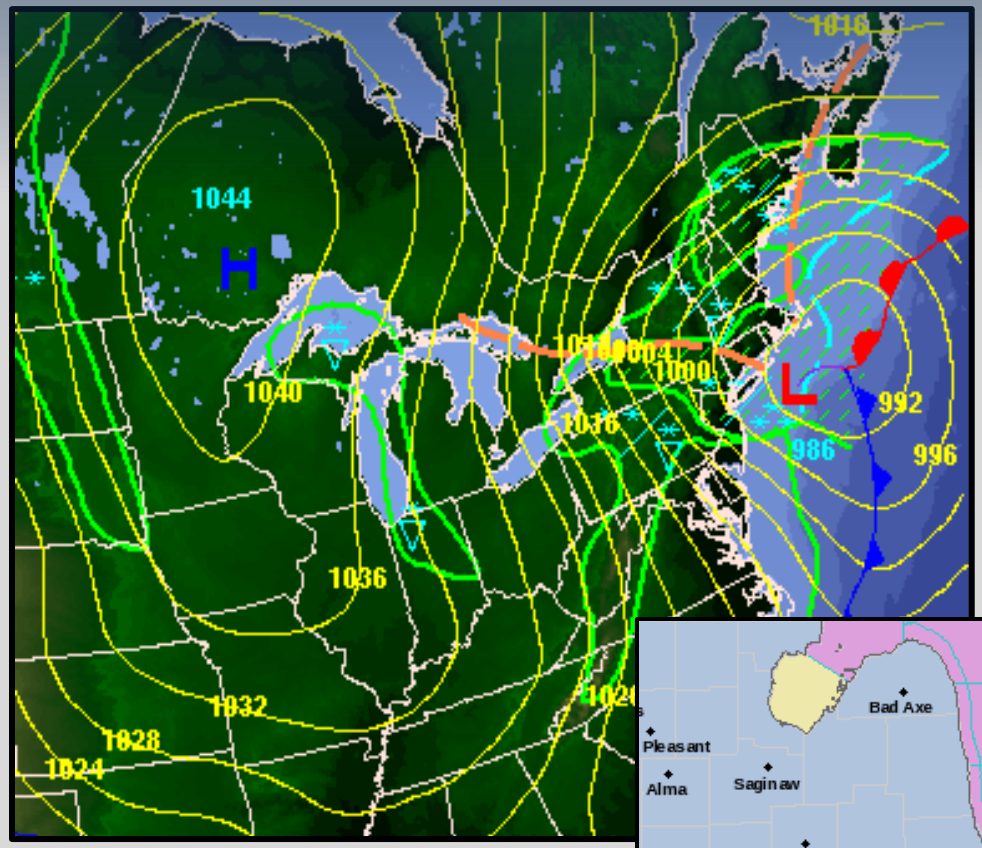
Detroit/Pontiac, MI

http://www.weather.gov/dtx

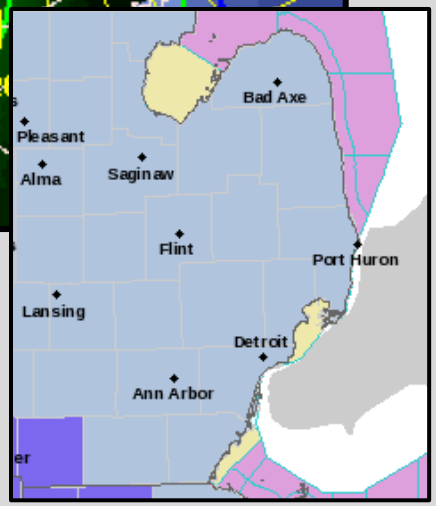
Email: w-dtx.webmaster@noaa.gov

Weather Briefing

Highlights



Forecast Weather Map for Saturday Evening



Wind Chill Warning for Southeast Michigan

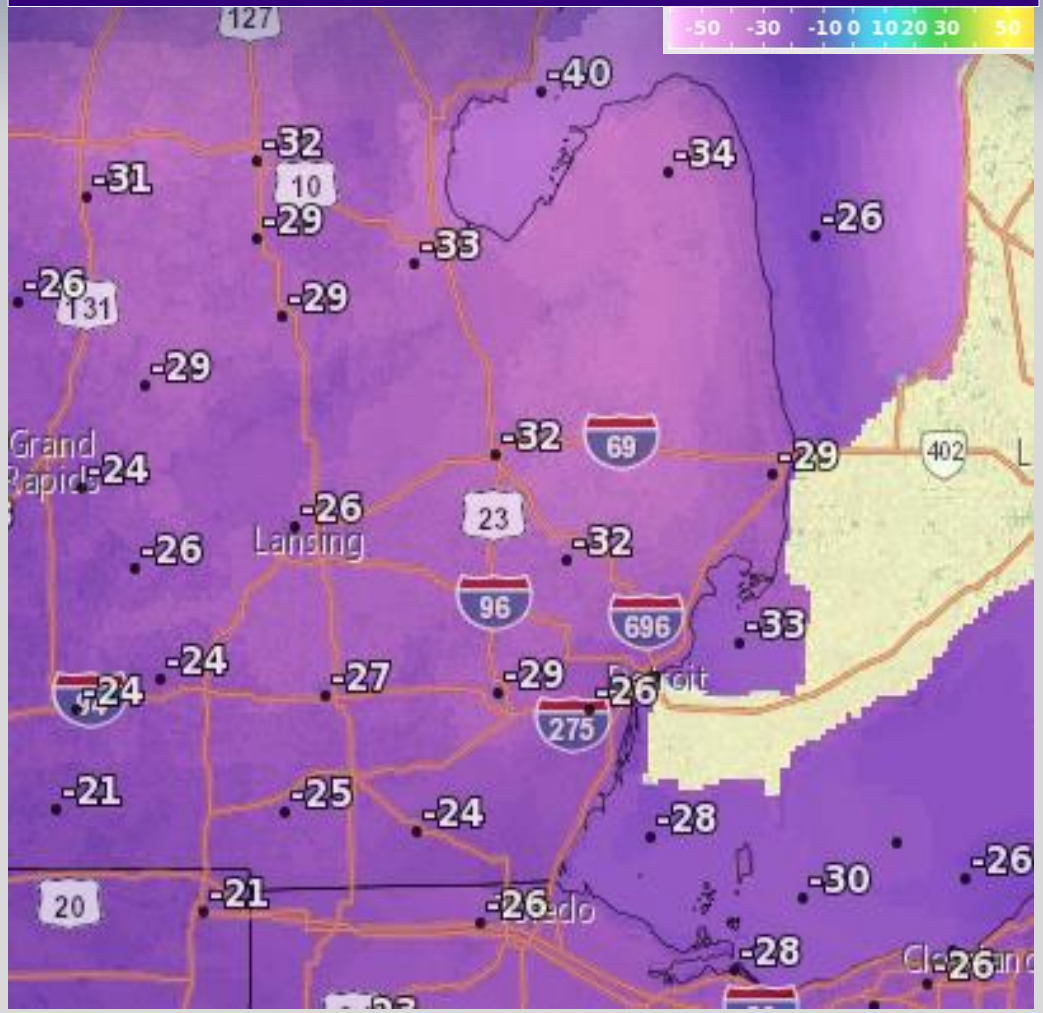
Event Summary

Wind Chill Warning In Effect Tonight to Noon Sunday

Weather Briefing

Dangerously Cold This Weekend

Forecast Wind Chills 7 AM Sunday Morning



WIND CHILL WARNING FOR ALL OF SOUTHEAST MICHIGAN:

Tonight to Noon Sunday

Wind Chills 25 to 35 degrees below zero during this time period.

Wind (mph)	Temperature (°F)													
Calm	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25
5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40
10	34	27	21	15	9	3	-4	-10	-1	-22	-28	-35	1	-47
15	32	25	19	13	6	0	-7	-13	-1	-26	-32	-39	5	-51
20	30	24	17	11	4	-2	-9	-15	-2	-29	-35	-42	8	-55
25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58
30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60
35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62
40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64

Frostbite Times: 30 minutes | 10 minutes | 5 minutes

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Records for Southeast Michigan

Detroit Area

Record Lows

February 15: -10 (1875)

February 16: -9 (1904)

Record Low Max Temp (Coldest High)

February 15: 6 (1905)

*Records since 1874

Flint Area

Record Lows

February 15: -7 (1943)

February 16: -13 (1963)

Record Low Max Temp (Coldest High)

February 15: 11 (1963)

*Records since 1921

Tri-Cities Area

Record Lows

February 15: -7 (2004)

February 16: -12 (1979)

Record Low Max Temp (Coldest High)

February 15: 8 (1920)

*Records since 1912

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Potential Impacts

Road Conditions	• Patches of slick conditions on untreated roads left over from blowing snow. Roads oriented west to east will be the most snow covered.
Extreme Cold	• Prolonged outdoor exposure will lead to frost bite and hypothermia.

Power Outage Potential	High	Medium	Low ✓
Blowing/Drifting Potential	High	Medium	Low ✓
Exposure Related Medical Emergencies	High ✓	Medium	Low

Weather Briefing
Summary

What	Where	Timing	Impacts
Winds Gusts 20-25 mph	All of Southeast Michigan, Highest near the Lake Huron Shoreline	Tonight	Dangerous Wind Chills Patches of drifting Snow
Dangerous Cold Wind Chills -20 to -35	All of Southeast Michigan	Tonight through Sunday Morning	Frost Bite in as little as 10 minutes Hypothermia Freezing of Exposed Pipes

Additional Information

Local Hazards Page

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

Great Lakes Marine Portal

http://www.weather.gov/greatlakes

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