Weather Briefing
January 7, 2015

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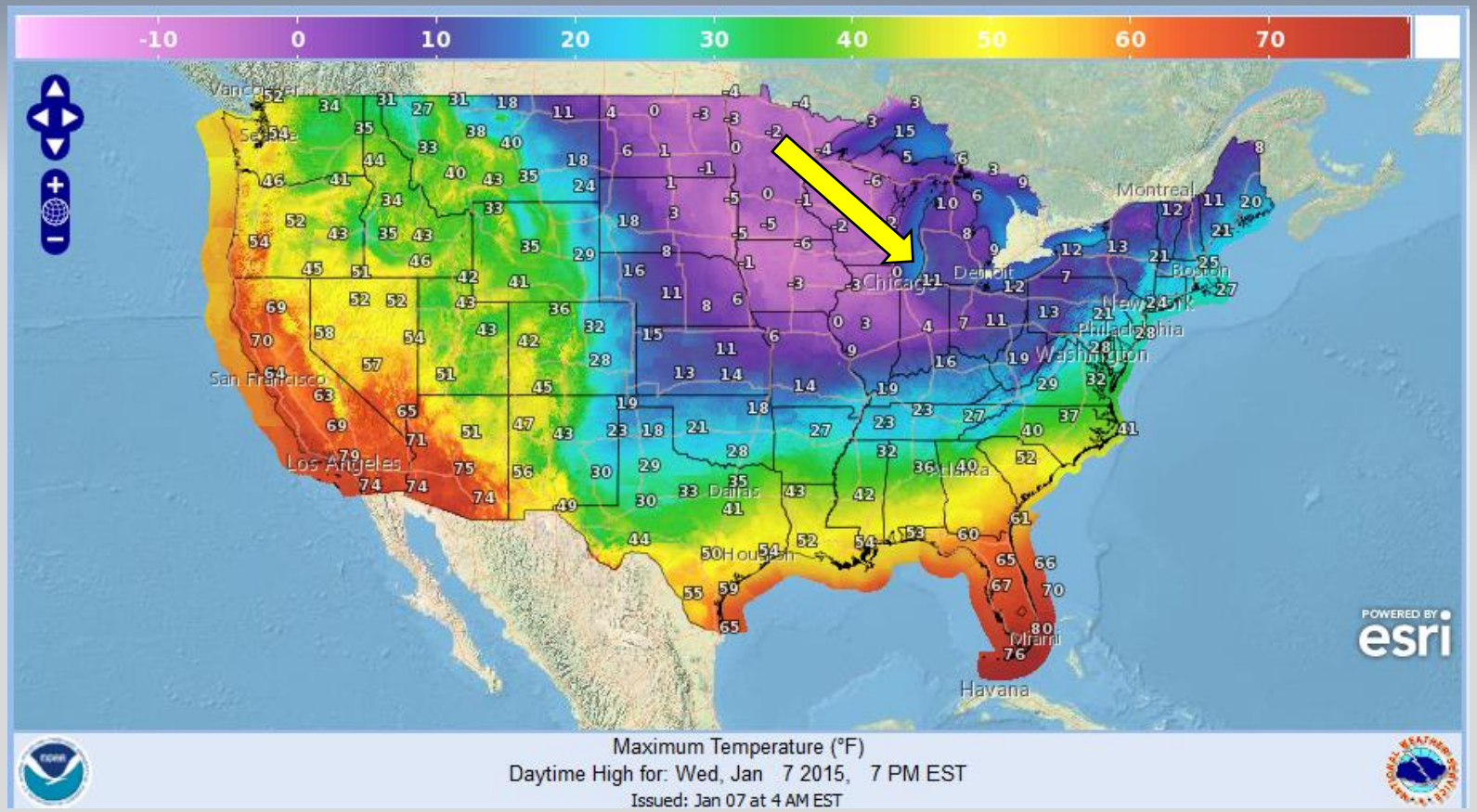
National Weather Service
Detroit/Pontiac, MI

http://www.weather.gov/dtx

Email: w-dtx.webmaster@noaa.gov

Decision Support Briefing
Even Colder Air to Arrive



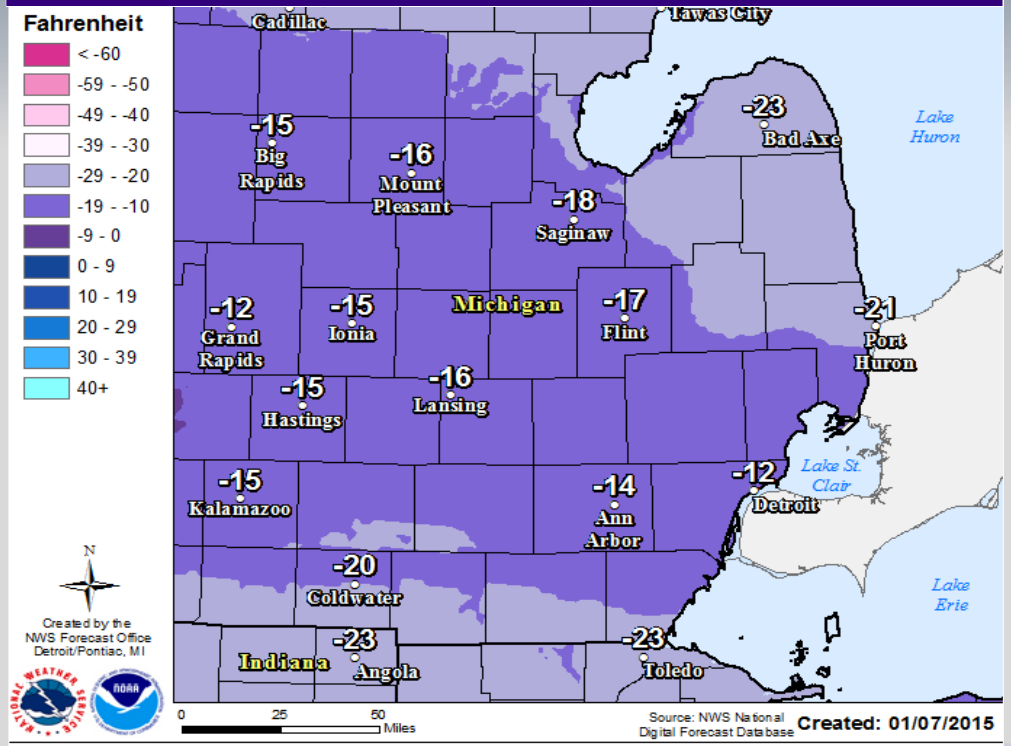
A surge of arctic air will slide into Michigan this morning.

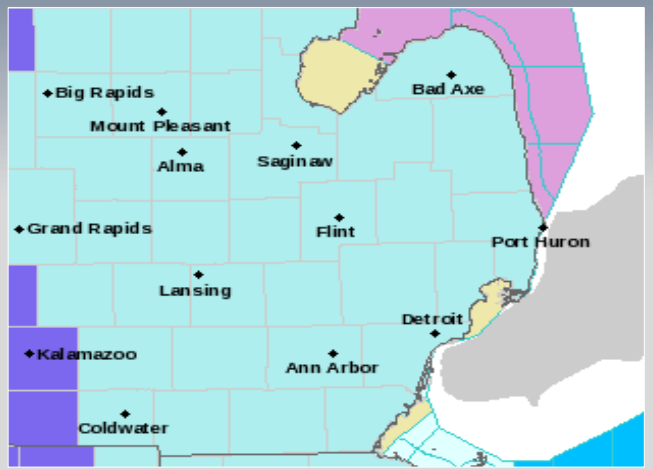
This will create dangerously cold wind chills this morning into Thursday. Cold air may lead to frostbite, hypothermia, and freezing/bursting of exposed pipes.

Decision Support Briefing

Wind Chills Today

Minimum Wind Chills this Morning





Wind Chill Advisory until 4 pm Thursday

Wind chills in advisory area:

- -15 to -20 this morning
- -10 to -15 warmest part of this afternoon

Wind chills for remainder of Southeast Michigan:

- -10 to -15 this morning
- -2 to -12 warmest part of this afternoon

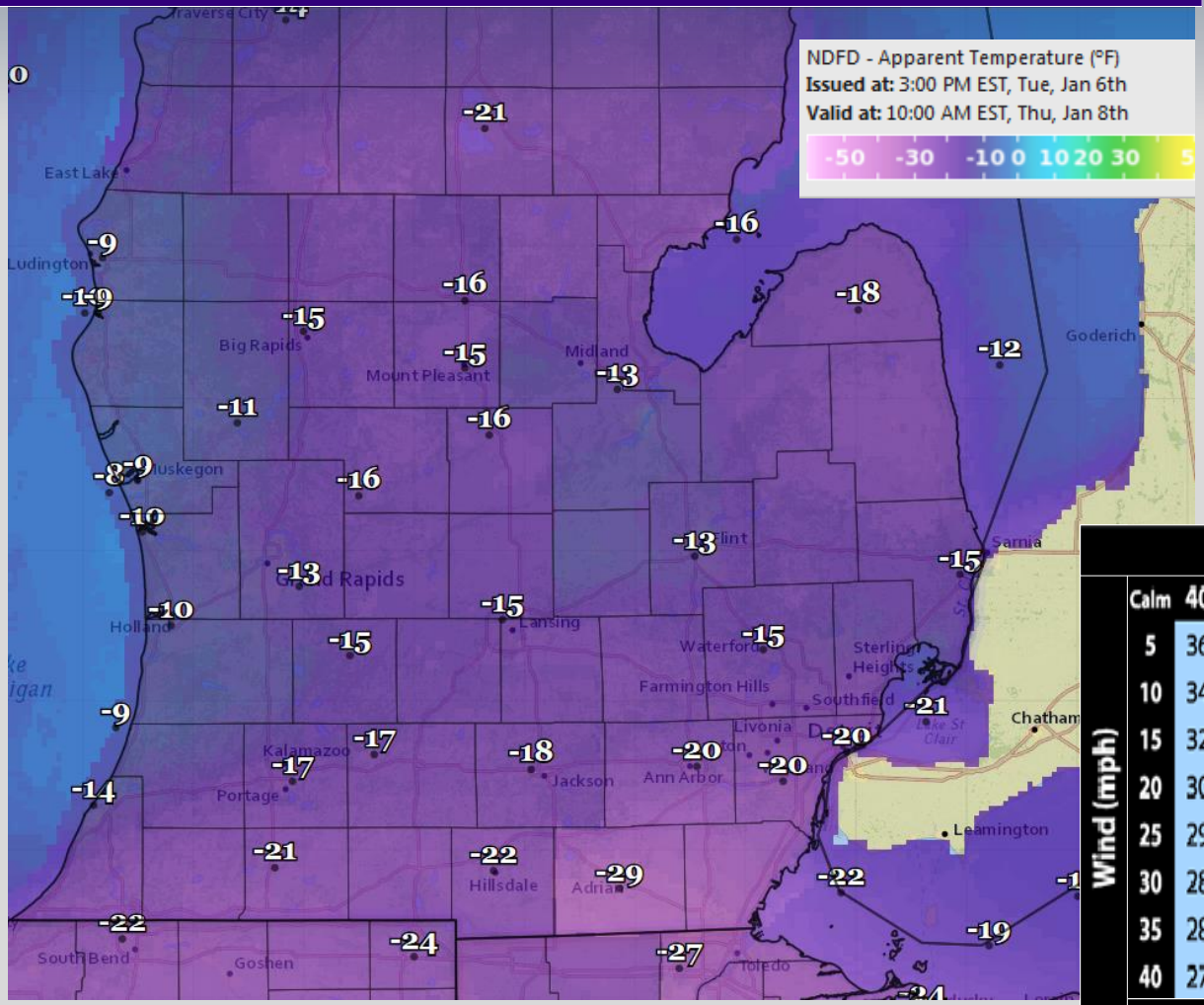
Wind (mph) \ Temperature (°F)	Calm	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25
5		36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40
10		34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47
15		32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51
20		30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55
25		29	23	16	9	3	-4	-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

Decision Support Briefing

Wind Chills Tonight and Thursday

Wind Chills 10 AM Thursday



Wind Chills for all of Southeast Michigan:

Tonight: -10 to -25

Thursday Morning: -15 to -25

Wind Chill Advisory has been expanded south for tonight.

Wind Chill Warning may be needed near Ohio border.

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	-16	-22	-28	-35	-41	-47
15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51
20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-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

Additional Information

Local Hazards Page
http://www.weather.gov/detroit/svr.php

Great Lakes Marine Portal
http://www.weather.gov/greatlakes

Hourly Wind / Gust Probabilities
http://www.crh.noaa.gov/dtx/?n=pwind
http://www.crh.noaa.gov/dtx/?n=pgust

Hourly Snowfall Probabilities
http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities

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