Weather Briefing
January 6, 2015

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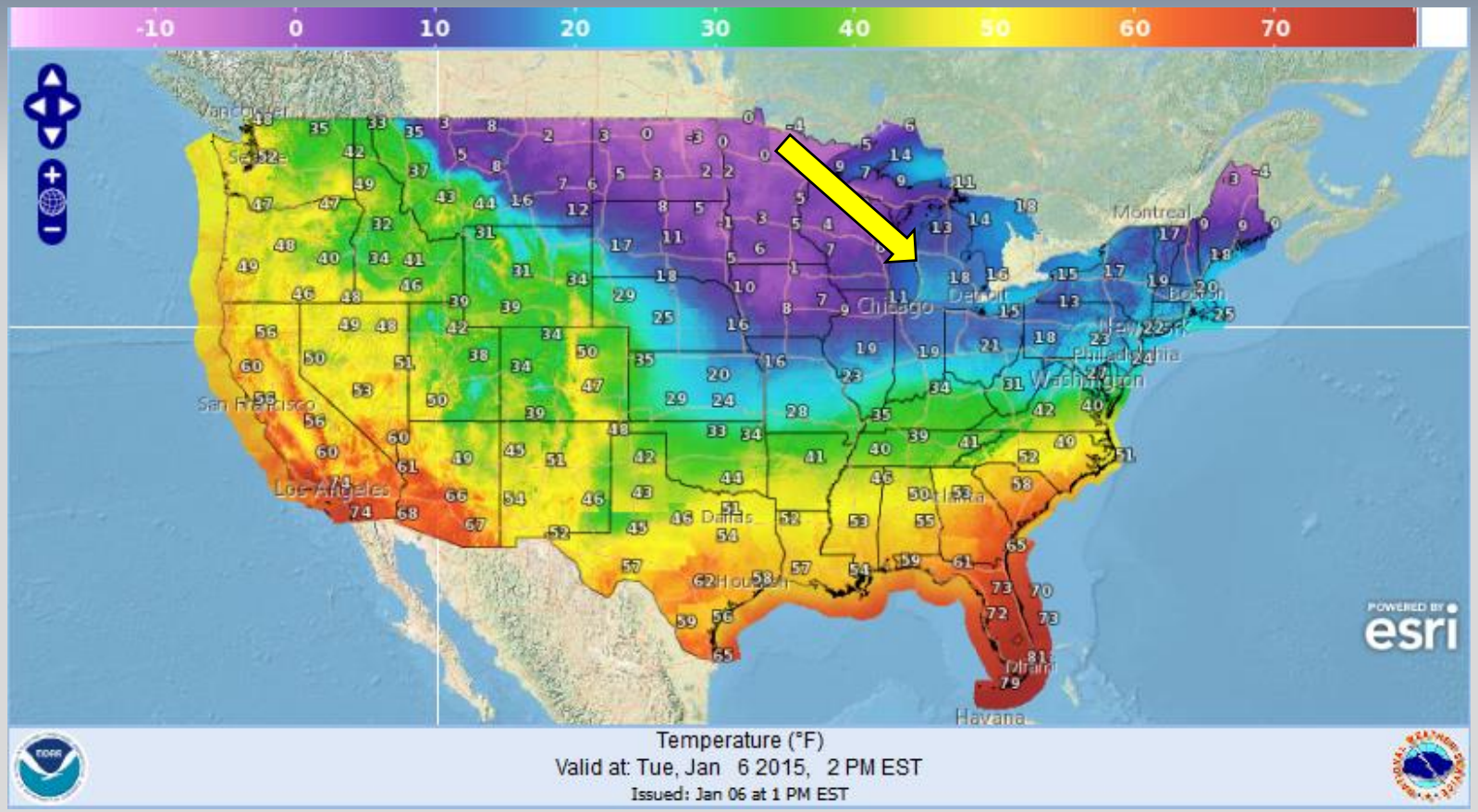
National Weather Service
Detroit/Pontiac, MI

http://www.weather.gov/dtx

Email: w-dtx.webmaster@noaa.gov

Decision Support Briefing
Even Colder Air to Arrive



Another surge of arctic air will slide into Michigan tonight.

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

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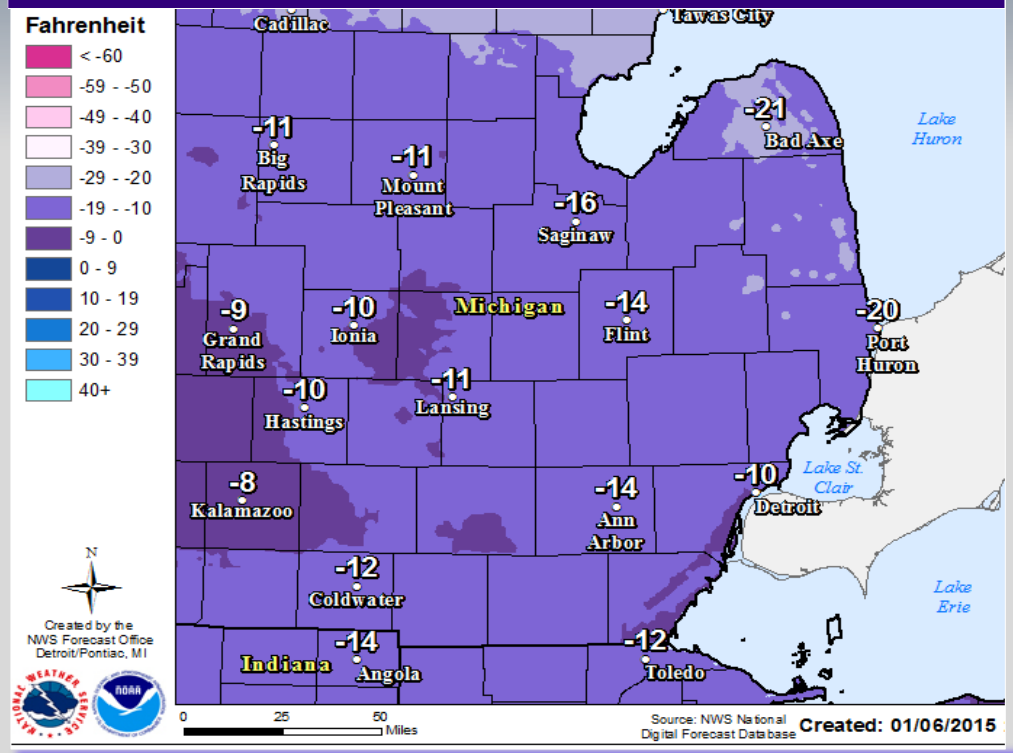
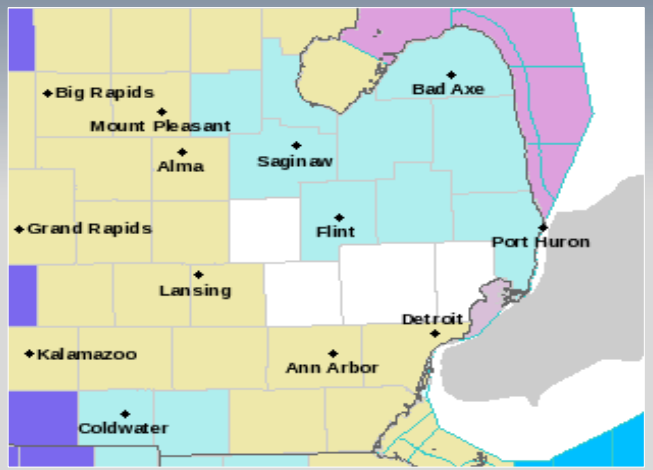
Wind Chills Wednesday

Minimum Wind Chills Wednesday Morning





Wind Chill Advisory 6 AM Wed until Noon Thursday

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

Wind chills in advisory area:

- -15 to -20 Wednesday morning
- -10 to -15 warmest part of Wed. afternoon

Wind chills for remainder of Southeast Michigan:

- -10 to -15 Wednesday morning
- -2 to -12 warmest part of Wed. afternoon

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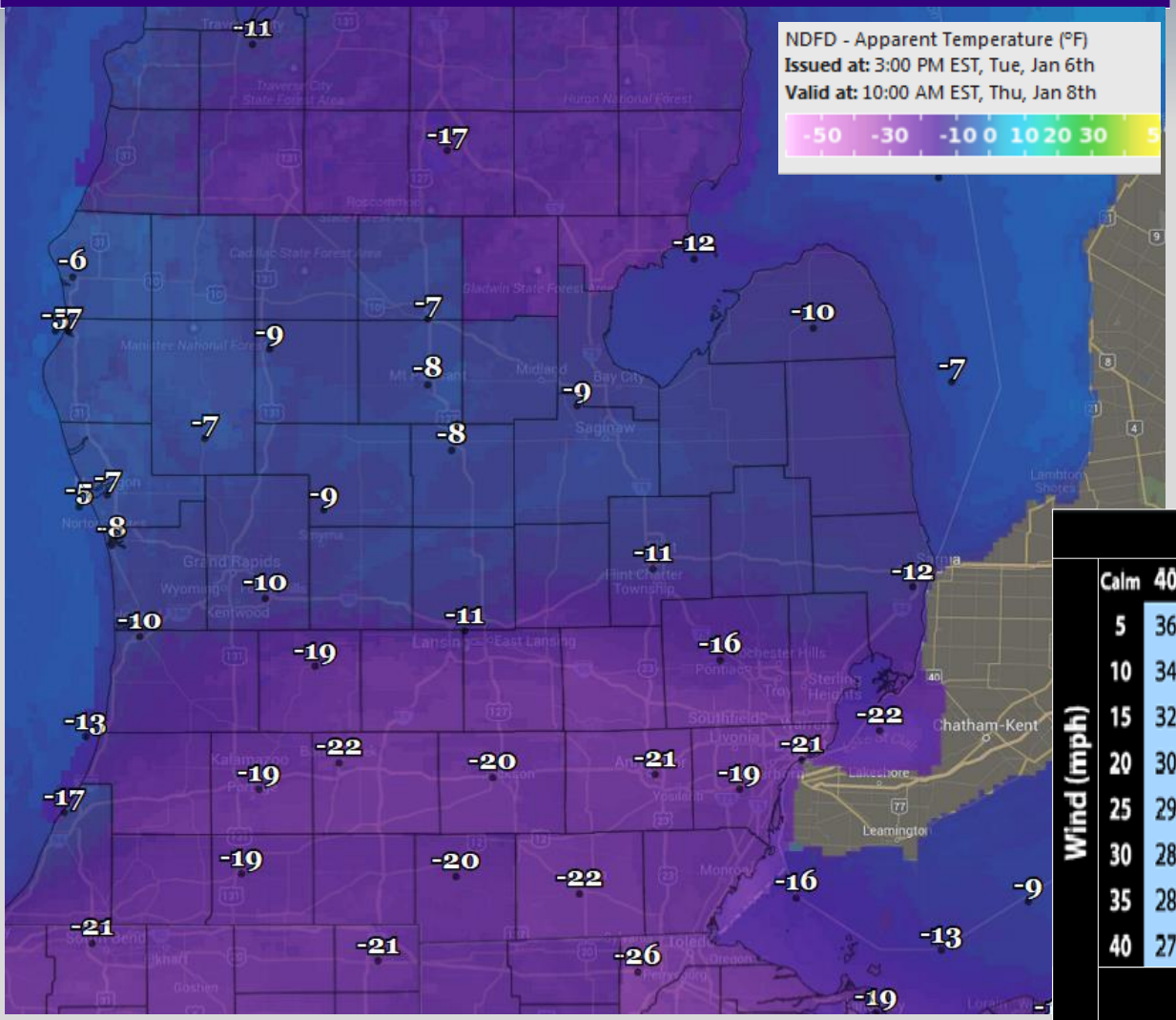
Wind Chills Wednesday Night and Thursday

Wind Chills 10 AM Thursday



Wind Chills for all of Southeast Michigan:

Wednesday Night: -10 to -25

Thursday Morning: -15 to -25

Additional Wind Chill Advisories or Warnings may be needed.

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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