

February 2015 Cold Summary

National Weather Service Detroit/Pontiac



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Coldest Months of All Time

(Avg. Temp°F)

Detroit

Records begin Jan 1874

Rank	Month	Temp
1	Feb 1875	12.2
2	Jan 1977	12.8
3	Jan 1912	13.1
4	Jan 1918	13.2
5	Feb 2015	14.6*
6	Feb 1934	14.8
7	Jan 1875	15.3
8	Jan 1893	15.4
9	Feb 1936	16.0
10	Feb 1904	16.1

Flint

Records begin Jan 1921

Rank	Month	Temp
1	Jan 1977	10.9
2	Feb 2015	12.0*
3	Feb 1979	12.8
4	Jan 1963	13.1
5	Feb 1978	13.4
6	Jan 1994	13.8
7	Jan 1984	14.3
8	Jan 2009	14.5
9	Feb 1963	14.9
10	Jan 1970	15.1

Saginaw

Records begin Jan 1900

Rank	Month	Temp
1	Jan 1912	9.4
2	Jan 1918	10.4
3	Jan 1963	11.6
4	Feb 1904	11.7
5	Feb 2015	11.9*
6	Jan 1994	12.1
7	Feb 1979	12.1
8	Jan 1920	12.7
9	Jan 1977	12.8
10	Feb 1914	13.0

* Through Feb 25



Number of Feb. Days Below Zero

Detroit

Records begin Jan 1874

Rank	Year	Num
1	1875	14
2	1936	10
2	1885	10
4	2015	8*
5	1985	7
5	1982	7
5	1979	7
5	1934	7
9	1914	6
9	1905	6

Flint

Records begin Jan 1921

Rank	Year	Num
1	1979	11
2	2014	10
2	1978	10
4	1963	9
5	2015	8*
5	1996	8
5	1967	8
5	1936	8
9	1982	7
10	1994	6

Saginaw

Records begin Jan 1900

Rank	Year	Num
1	1904	15
2	1936	12
3	1979	11
3	1899	11
5	1934	10
5	1914	10
5	1905	10
8	2015	9*
8	1963	9
8	1917	9

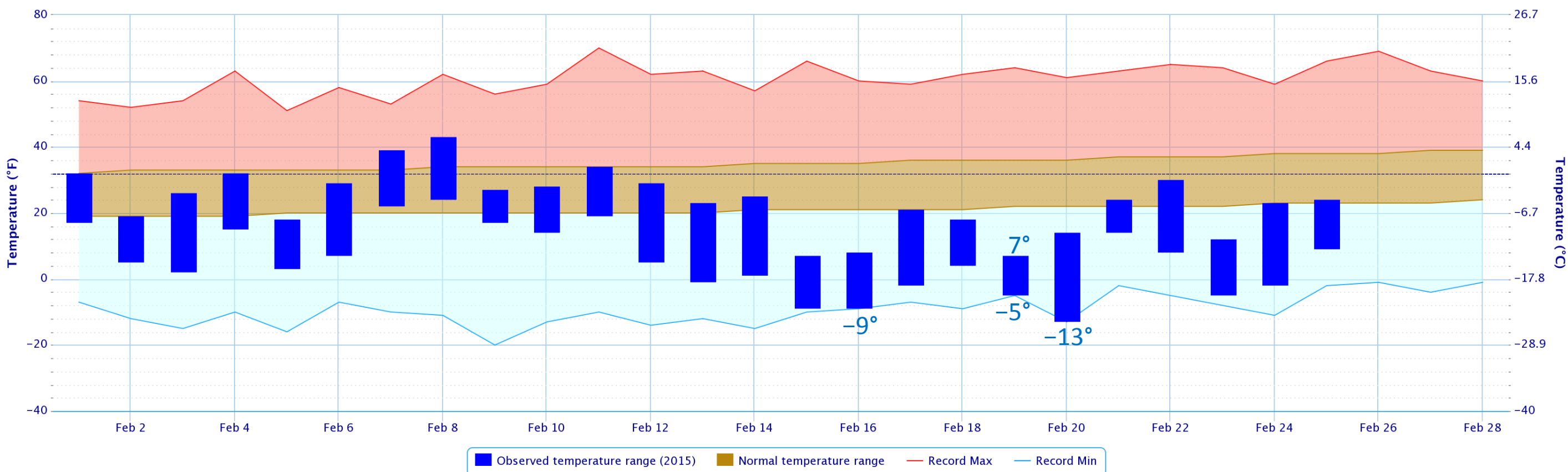
* Through Feb 25



Daily Temps and Records - Detroit

Daily Temperature Data - Detroit Area, MI (ThreadEx)

Period of Record - 1874-01-01 to 2015-02-25. Normals period: 1981-2010. Click and drag to zoom chart.



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Annotated values indicate record low min or max values tied or broken in 2015



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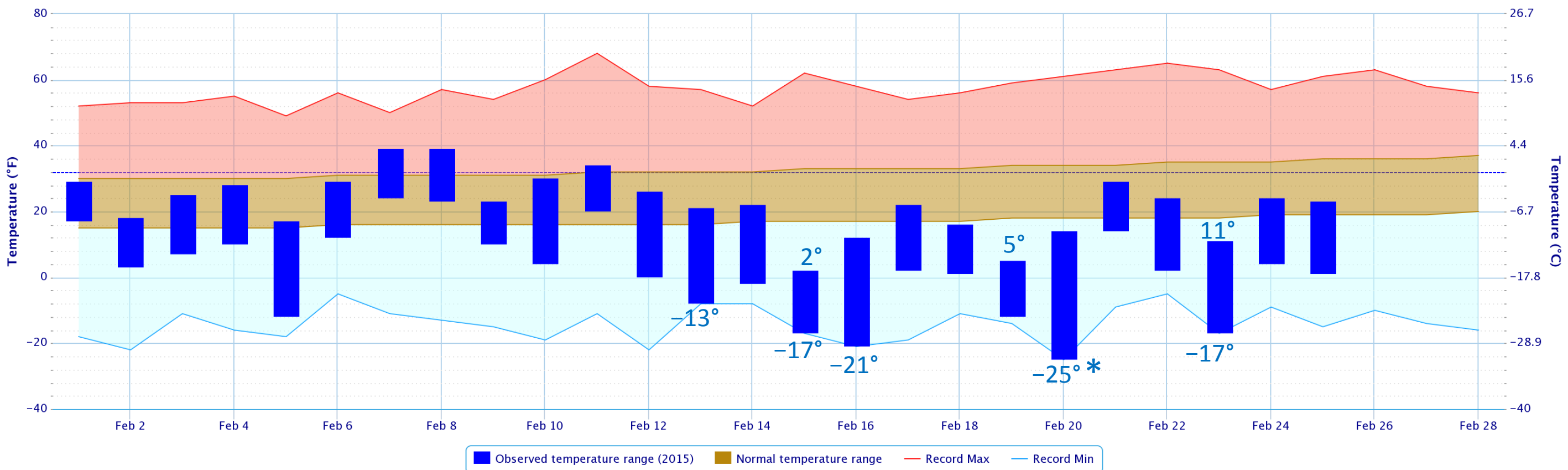


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Daily Temps and Records - Flint

Daily Temperature Data - Flint Area, MI (ThreadEx)

Period of Record - 1921-01-01 to 2015-02-25. Normals period: 1981-2010. Click and drag to zoom chart.



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Annotated values indicate record low min or max values tied or broken in 2015

* Feb 20 low of -25° is the coldest February temp on record and ties for the coldest temp of all time (Jan 18, 1976)



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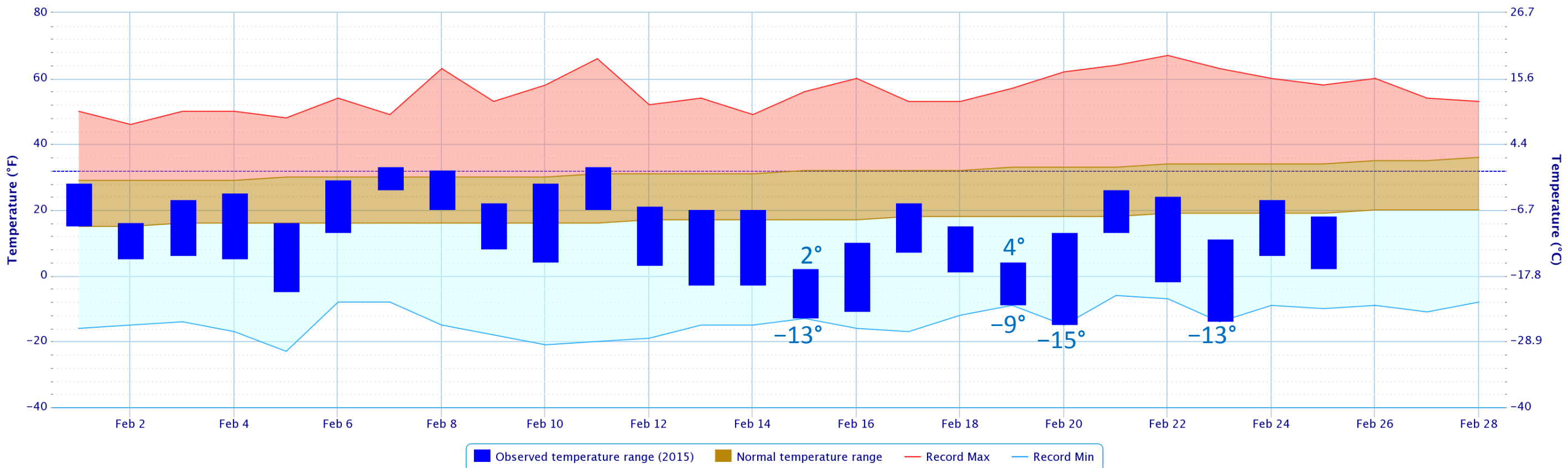


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Daily Temps and Records - Saginaw

Daily Temperature Data - SAGINAW MBS INTL AP, MI

Period of Record - 1898-01-01 to 2015-02-25. Normals period: 1981-2010. Click and drag to zoom chart.



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Other Cold Low Temperatures (°F)

FEB 16

FEB 20

FEB 23

Port Huron	-26
Lapeer	-25
Caro	-24
White Lake	-23
Bad Axe	-21
Owosso	-17
Pontiac	-17
Midland	-16
Howell	-16
Adrian	-13
Monroe	-13
Port Hope	-12
Ann Arbor (UM)	-11

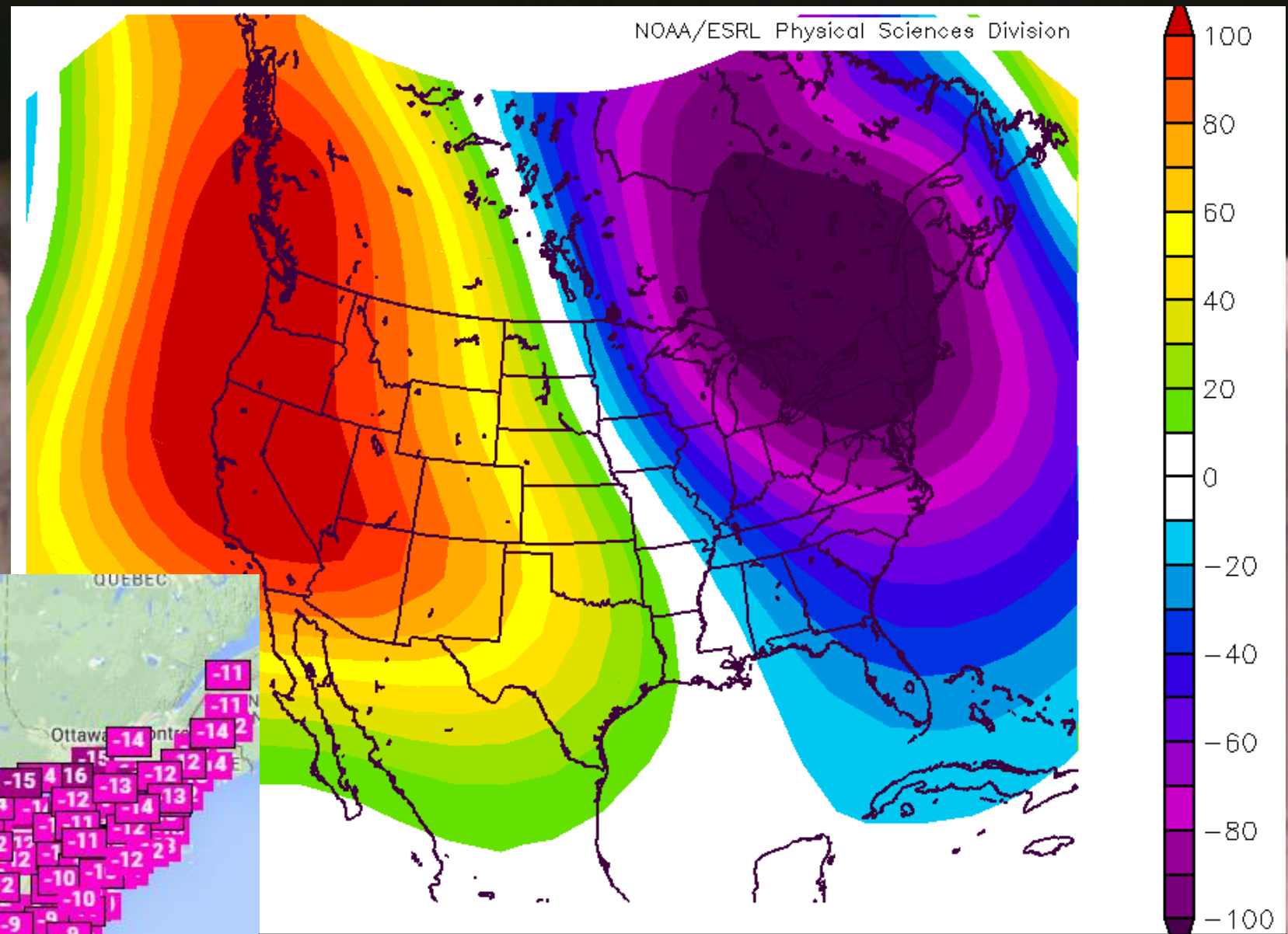
Port Huron	-29
Lapeer	-28
Caro	-28
White Lake	-25
Midland	-24
Bad Axe	-23
Owosso	-21
Adrian	-20
Pontiac	-19
Howell	-17
Port Hope	-16
Monroe	-15
Ann Arbor (UM)	-15

Caro	-21
Midland	-19
Owosso	-15
White Lake	-14
Bad Axe	-14
Port Huron	-11
Lapeer	-11
Howell	-10
Pontiac	-9
Monroe	-8
Ann Arbor (UM)	-7
Port Hope	-6
Adrian	-6



Persistent Ridge/Trough Pattern

Temperature departure from normal through Feb 24 2015



500mb Geopotential Height (m) Composite Anomaly (1981–2010 Climatology) 2/1/15 to 2/23/15
NCEP/NCAR Reanalysis

