

# Southeast Michigan Seasonal Summary

Seasonal Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office  
Detroit, MI



# Winter 2024-2025

December, January, and February



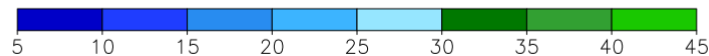
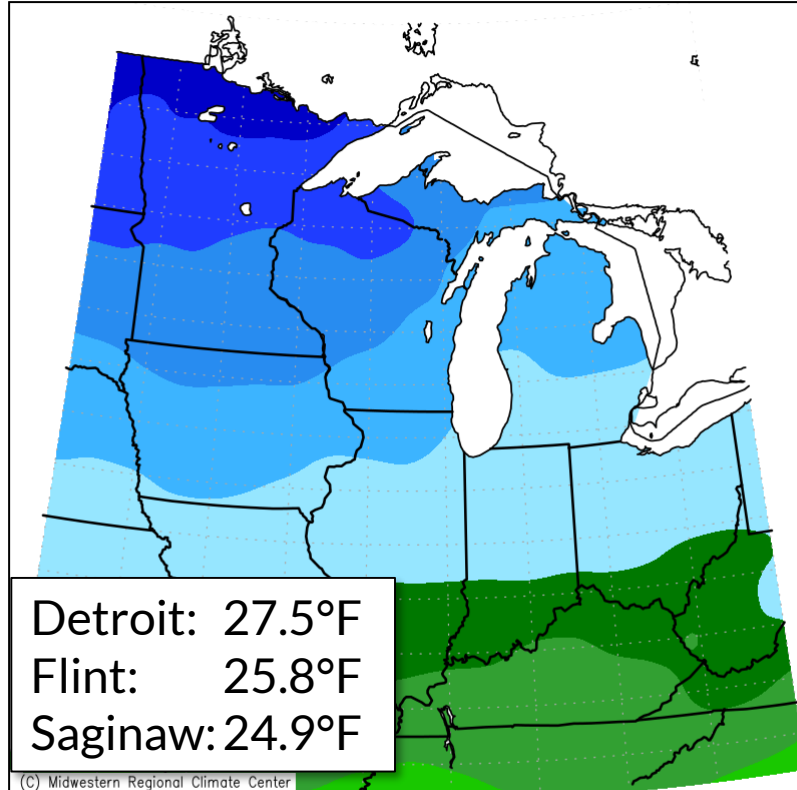
# Winter 2024-2025 – Regional Temperature Summary

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Detroit, MI



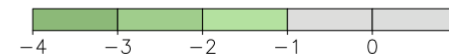
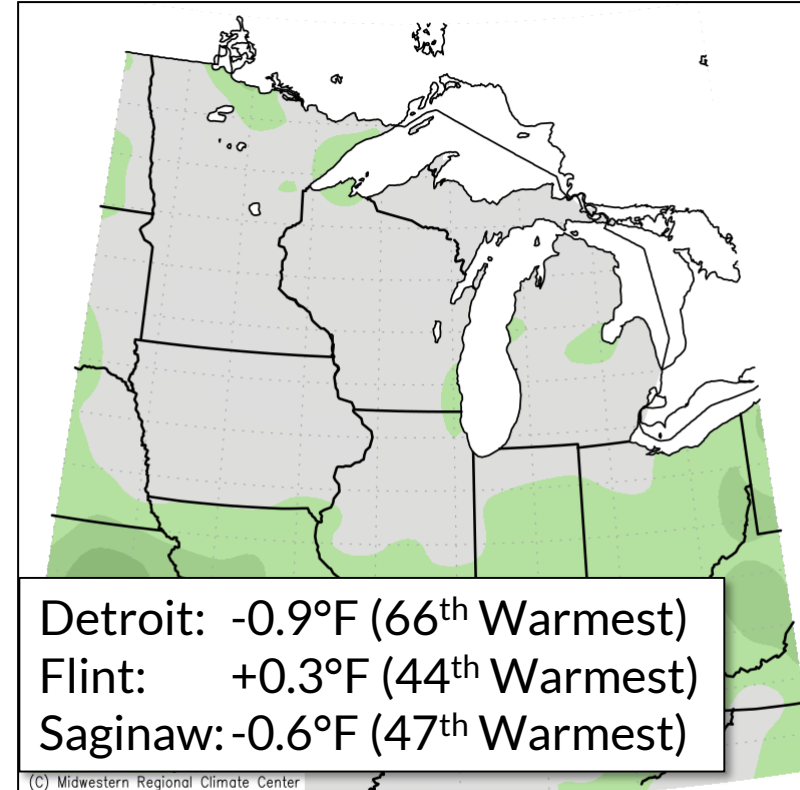
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)  
December 1, 2024 to February 28, 2025



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 10:51:12 AM EST

Average Temperature (°F): Departure from Mean  
December 1, 2024 to February 28, 2025



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 10:59:14 AM EST

# Winter – Top 20 Coldest/Warmest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Coldest/Warmest Winters in Southeast Lower Michigan (°F)

Rank	Detroit Area*				Flint Bishop**				Saginaw Area***			
	Coldest		Warmest		Coldest		Warmest		Coldest		Warmest	
	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year
1	18.8	1903-1904	36.9	1881-1882	16.7	1976-1977	34.0	2023-2024	15.7	1962-1963	33.3	1931-1932
2	19.3	1874-1875	35.7	1931-1932	17.0	1962-1963	33.4	1931-1932	16.5	1917-1918	33.2	2023-2024
3	19.7	1976-1977	35.2	1889-1890	17.8	1958-1959	33.0	2015-2016	16.6	1919-1920	31.7	2015-2016
4	19.7	1917-1918	34.8	2023-2024	18.6	1978-1979	32.2	1982-1983	17.5	1978-1979	30.9	1997-1998
5	20.4	1962-1963	33.8	2001-2002	19.0	2013-2014	31.7	2001-2002	18.0	1977-1978	30.6	2011-2012
6	20.6	1977-1978	33.8	1997-1998	19.3	1977-1978	31.5	2019-2020	18.2	1976-1977	30.5	2001-2002
7	20.8	1919-1920	33.5	2015-2016	19.8	1993-1994	31.3	1997-1998	18.2	2013-2014	30.4	2022-2023
8	20.9	2013-2014	33.4	2022-2023	19.9	1944-1945	31.2	2011-2012	18.2	1958-1959	30.0	1936-1937
9	21.0	1935-1936	33.0	2011-2012	20.9	1981-1982	31.1	2022-2023	18.7	1935-1936	29.8	2019-2020
10	21.1	1892-1893	32.9	2016-2017	21.2	1935-1936	30.3	1932-1933	19.0	1993-1994	29.6	1982-1983
11	21.4	1904-1905	32.6	2019-2020	21.3	1969-1970	30.2	2016-2017	19.2	1916-1917	29.5	1920-1921
12	21.5	1978-1979	32.5	1982-1983	21.4	1985-1986	29.1	1952-1953	20.0	1961-1962	29.4	2016-2017
13	21.7	1880-1881	32.5	1879-1880	21.5	1961-1962	28.8	1936-1937	20.1	1944-1945	29.0	1918-1919
14	21.8	1911-1912	32.3	1918-1919	21.6	2008-2009	28.6	1948-1949	20.2	1969-1970	28.8	1932-1933
15	21.8	1878-1879	32.2	1952-1953	21.6	1983-1984	28.5	2012-2013	20.3	1981-1982	28.5	2012-2013
16	21.9	1981-1982	31.6	1877-1878	21.6	1947-1948	28.3	1930-1931	20.7	1947-1948	28.3	1952-1953
17	22.4	1969-1970	31.3	1948-1949	22.0	2014-2015	28.2	1991-1992	21.2	2008-2009	28.0	1930-1931
18	23.0	1958-1959	31.2	1920-1921	22.2	2010-2011	28.2	1949-1950	21.3	2002-2003	27.8	1974-1975
19	23.2	1876-1877	31.1	1875-1876	22.4	1942-1943	28.1	1974-1975	21.4	1942-1943	27.6	1948-1949
20	23.3	2014-2015	31.0	1953-1954	22.5	2002-2003	28.0	1953-1954	21.6	1985-1986	27.2	1998-1999

\* Detroit Area temperature records date back to November 1874.

\*\* Flint Bishop temperature records date back to January 1921.

\*\*\* Saginaw Area temperature records date back to January 1912.

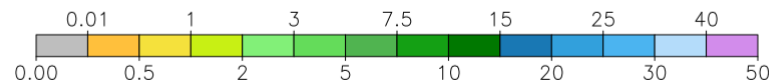
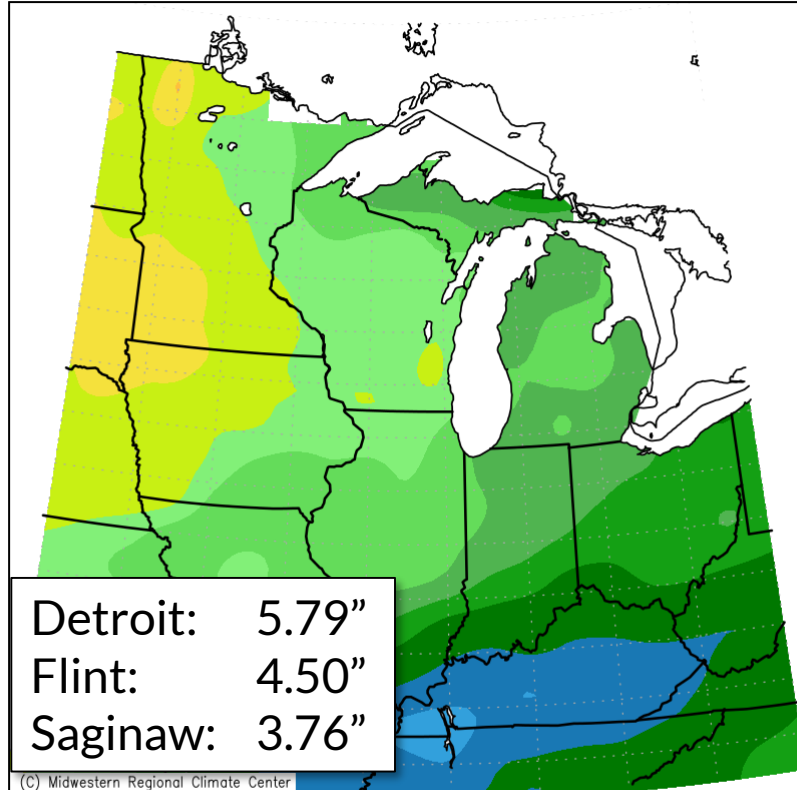
# Winter 2024-2025 – Regional Precipitation Summary

Weather Forecast Office  
Detroit, MI



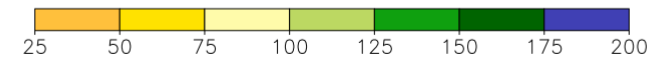
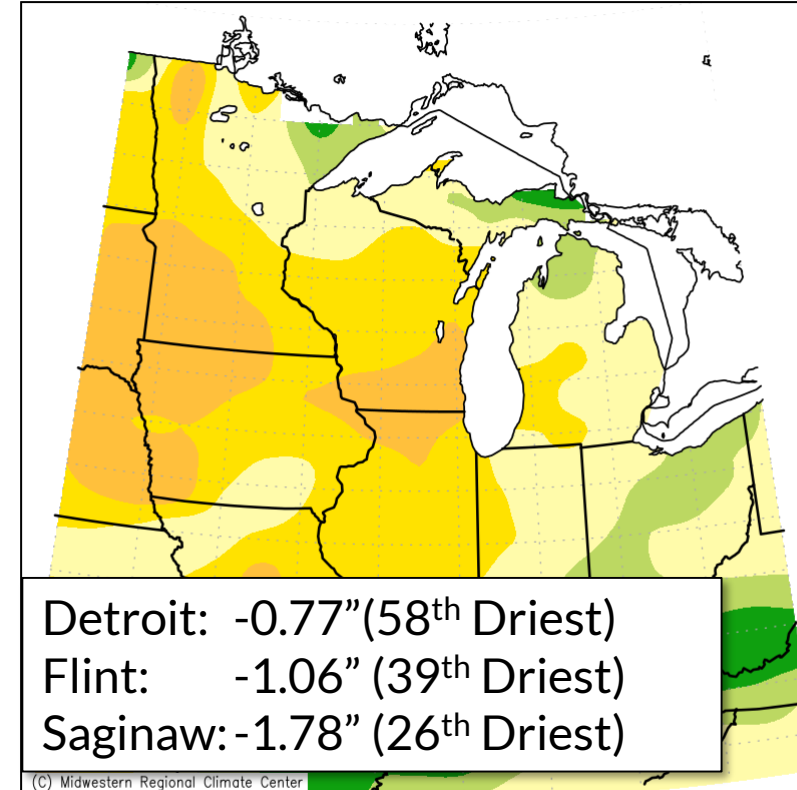
Total Seasonal Precipitation (left) & Percent of Mean (right)

Accumulated Precipitation (in)  
December 1, 2024 to February 28, 2025



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 11:04:13 AM EST

Accumulated Precipitation: Percent of Mean  
December 1, 2024 to February 28, 2025



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 11:04:28 AM EST



## Top 20 Wettest/Driest Winters in Southeast Lower Michigan (in.)

Rank	Detroit Area*				Flint Bishop**				Saginaw Area***			
	Wettest		Driest		Wettest		Driest		Wettest		Driest	
	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year
1	12.74	1949-1950	2.24	2002-2003	10.48	1949-1950	1.51	1962-1963	11.95	1996-1997	1.86	1941-1942
2	12.41	1907-1908	2.36	1962-1963	8.83	1984-1985	1.78	1969-1970	11.24	1949-1950	1.95	1919-1920
3	10.79	1875-1876	2.87	1960-1961	8.67	1953-1954	1.94	2002-2003	8.49	1937-1938	2.08	1976-1977
4	10.31	1929-1930	3.23	1876-1877	8.27	1931-1932	2.19	1976-1977	8.48	1959-1960	2.19	2002-2003
5	10.03	1880-1881	3.30	1969-1970	8.09	1937-1938	2.20	1933-1934	8.41	1964-1965	2.22	1963-1964
6	9.55	1974-1975	3.39	1874-1875	8.04	2012-2013	2.40	1944-1945	8.11	1965-1966	2.42	1944-1945
7	9.49	1931-1932	3.41	1976-1977	7.96	2000-2001	2.42	1960-1961	7.87	2004-2005	2.45	1922-1923
8	9.36	1984-1985	3.43	1888-1889	7.83	1975-1976	2.43	1939-1940	7.81	1972-1973	2.52	1933-1934
9	9.33	2004-2005	3.45	1943-1944	7.55	1973-1974	2.60	1921-1922	7.61	1997-1998	2.66	1969-1970
10	9.22	2007-2008	3.50	1933-1934	7.51	2004-2005	2.78	1963-1964	7.57	2008-2009	2.66	1911-1912
11	9.14	1973-1974	3.58	1900-1901	7.51	1929-1930	2.93	1983-1984	7.53	1973-1974	2.81	1960-1961
12	8.97	1967-1968	3.67	1919-1920	7.46	1948-1949	2.93	1957-1958	7.39	1984-1985	2.84	1939-1940
13	8.94	1879-1880	3.68	1944-1945	7.27	2007-2008	3.10	1988-1989	7.24	2007-2008	2.96	1943-1944
14	8.92	2012-2013	3.72	1939-1940	7.26	2017-2018	3.22	1943-1944	7.19	1950-1951	3.15	1983-1984
15	8.82	1996-1997	3.72	1896-1897	7.25	1974-1975	3.29	1986-1987	7.14	2012-2013	3.17	1993-1994
16	8.78	1938-1939	3.86	2020-2021	7.19	2005-2006	3.35	1993-1994	7.09	1971-1972	3.18	1994-1995
17	8.58	1878-1879	4.02	1988-1989	7.14	2016-2017	3.40	1922-1923	7.07	1938-1939	3.22	1979-1980
18	8.54	1897-1898	4.05	1979-1980	6.81	1946-1947	3.47	1981-1982	7.02	2015-2016	3.25	1988-1989
19	8.47	2005-2006	4.15	1963-1964	6.80	1951-1952	3.61	2009-2010	7.02	1967-1968	3.26	1986-1987
20	8.42	1964-1965	4.18	1930-1931	6.68	1971-1972	3.67	1926-1927	6.99	1927-1928	3.29	1930-1931

\* Detroit Area precipitation records date back to November 1874.

\*\* Flint Bishop precipitation records date back to January 1921.

\*\*\* Saginaw Area precipitation records date back to January 1912.

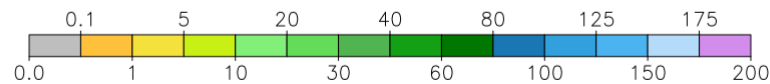
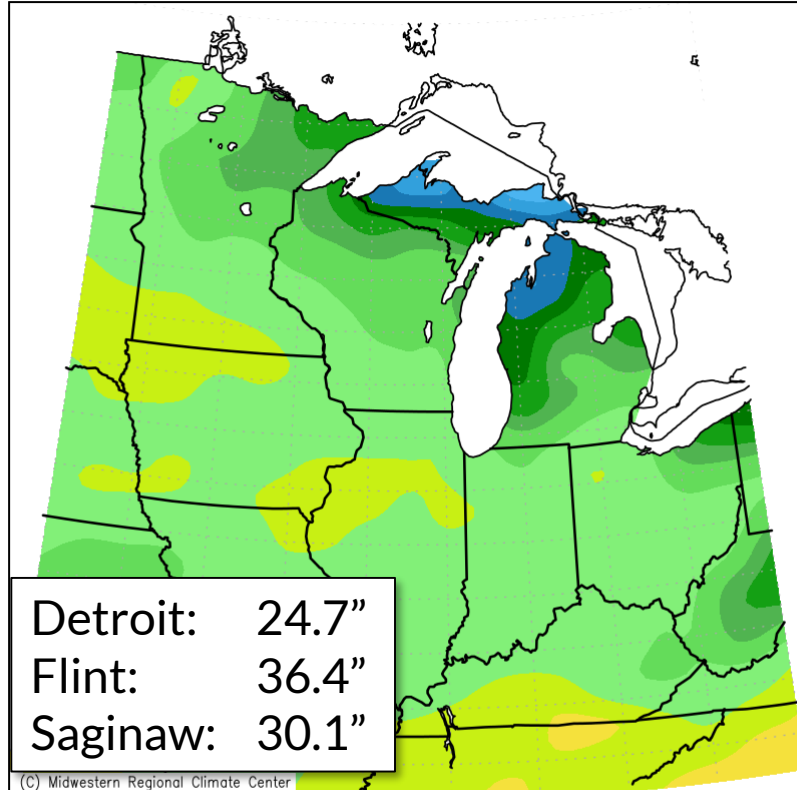
# Winter 2024-2025 – Regional Snowfall Summary

Weather Forecast Office  
Detroit, MI



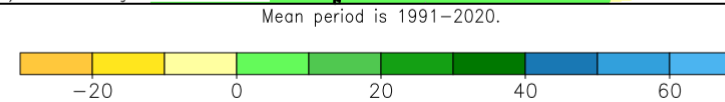
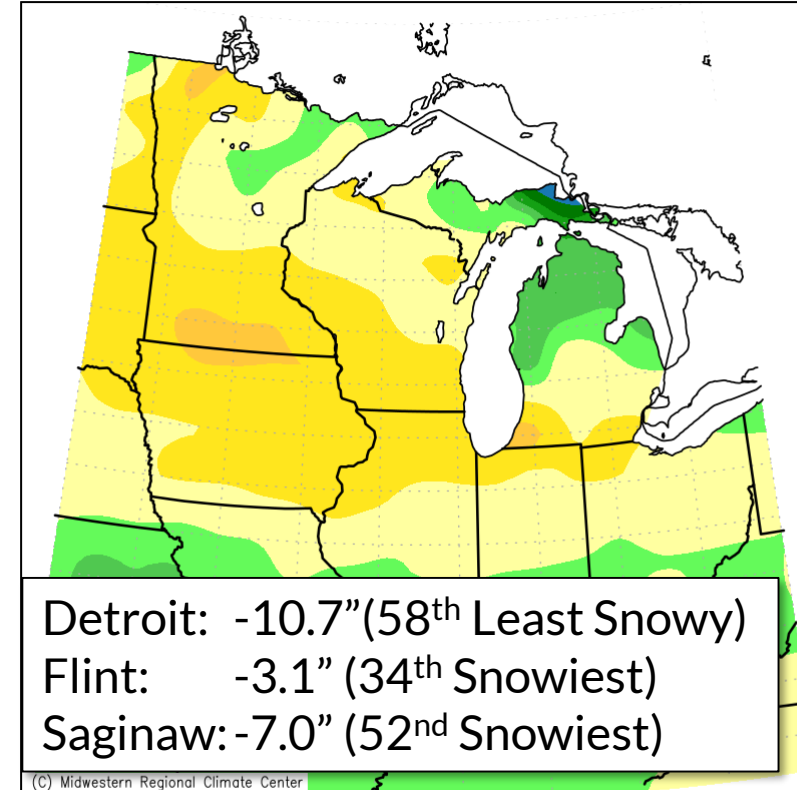
Total Seasonal Snowfall (left) & Percent of Mean (right)

Accumulated Snowfall (in)  
December 1, 2024 to February 28, 2025



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 11:07:52 AM EST

Accumulated Snowfall (in): Departure from Mean  
December 1, 2024 to February 28, 2025



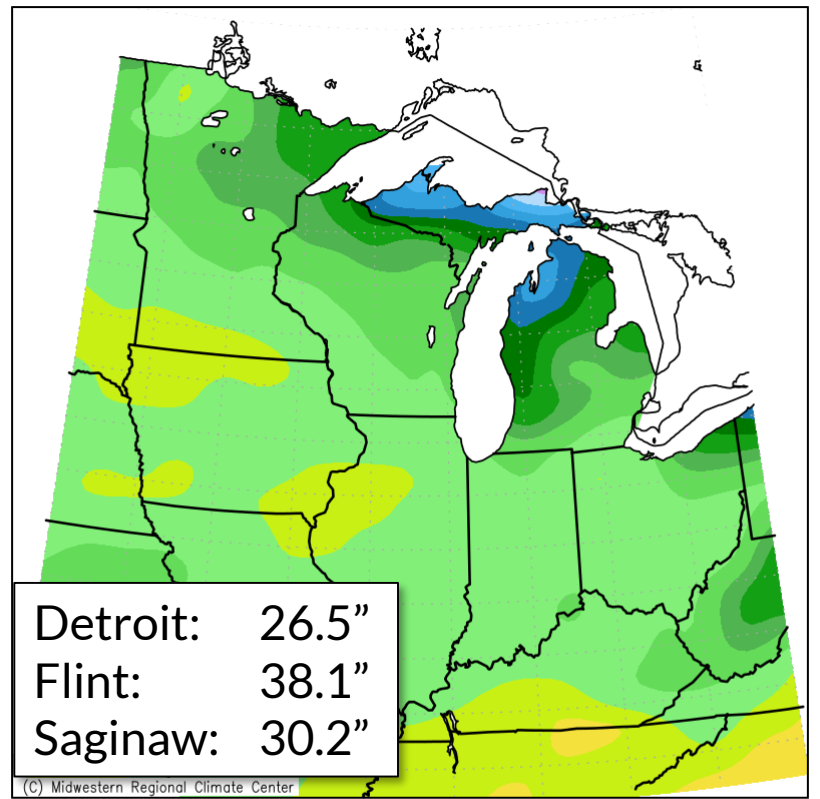
Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
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# Season-to-Date 2024-2025 – Regional Snowfall Summary



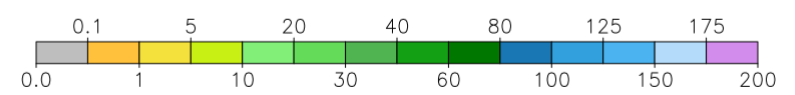
Total Seasonal Snowfall (left) & Percent of Mean (right)

Accumulated Snowfall (in)  
October 1, 2024 to February 28, 2025



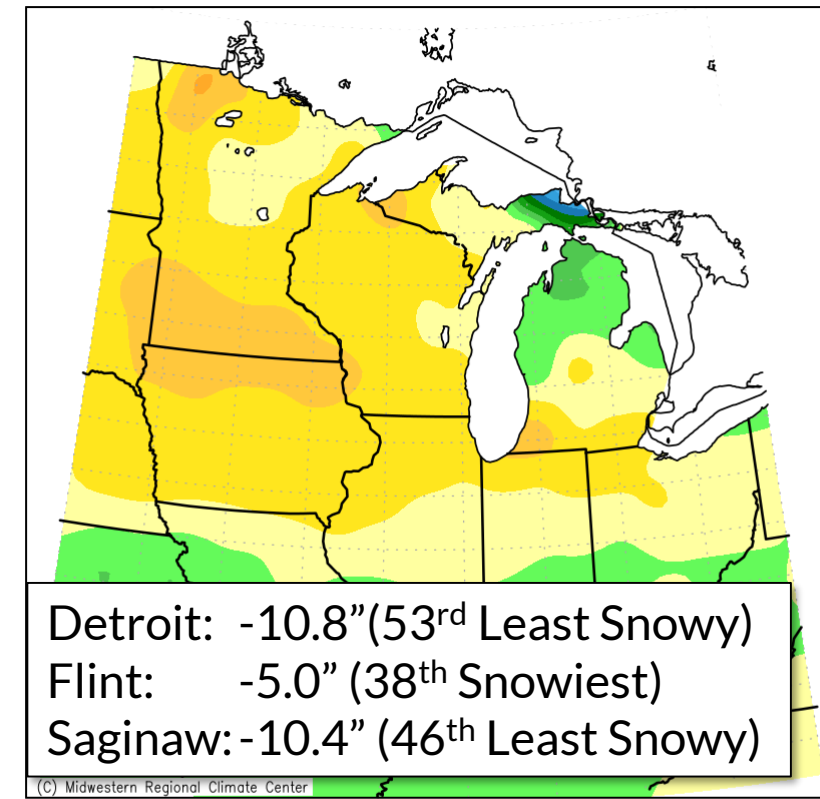
Detroit: 26.5"  
Flint: 38.1"  
Saginaw: 30.2"

(C) Midwestern Regional Climate Center



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 11:18:13 AM EST

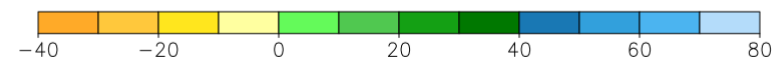
Accumulated Snowfall (in): Departure from Mean  
October 1, 2024 to February 28, 2025



Detroit: -10.8" (53<sup>rd</sup> Least Snowy)  
Flint: -5.0" (38<sup>th</sup> Snowiest)  
Saginaw: -10.4" (46<sup>th</sup> Least Snowy)

(C) Midwestern Regional Climate Center

Mean period is 1991-2020.



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 3/1/2025 11:18:36 AM EST

# Winter 2024-2025 – Daily Temperature Graph

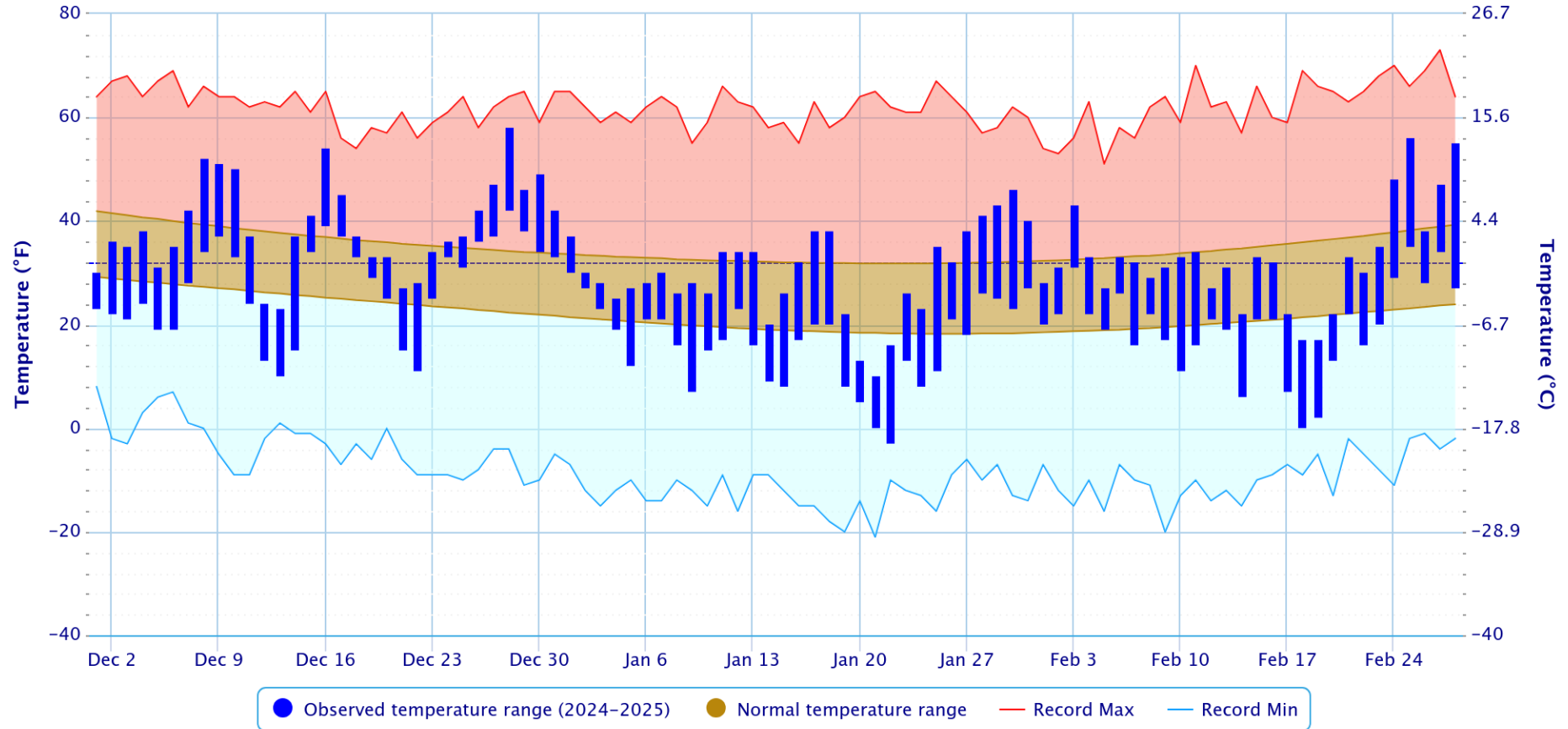
Weather Forecast Office  
Detroit, MI



## DETROIT

Daily Temperature Data – Detroit Area, MI (ThreadEx)

Period of Record – 1874-01-01 to 2025-02-28. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

### Temperature Stats:

Days at or below 0°F: 3  
Highest max: 58°F (Dec 28)  
Lowest min: -3°F (Jan 22)  
Lowest max: 10°F (Jan 21)  
Highest min: 42°F (Dec 28)

## RECORDS

No new temperature records set in Detroit



# Winter 2024-2025 – Daily Precip/Snow Graphs

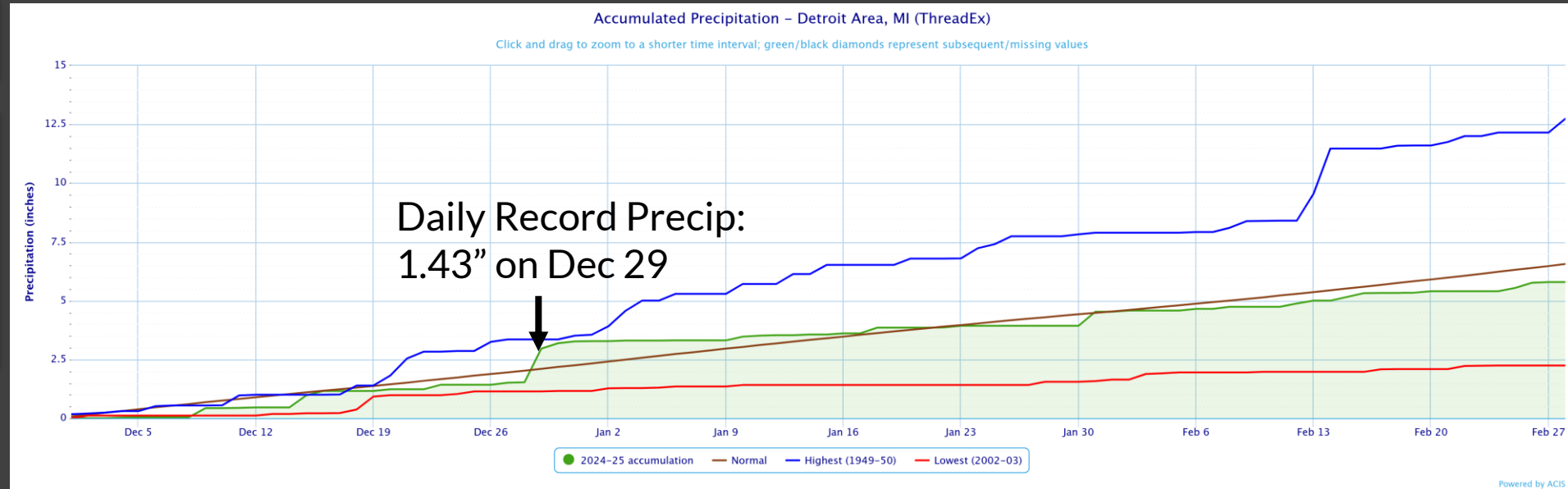
Weather Forecast Office  
Detroit, MI



## DETROIT

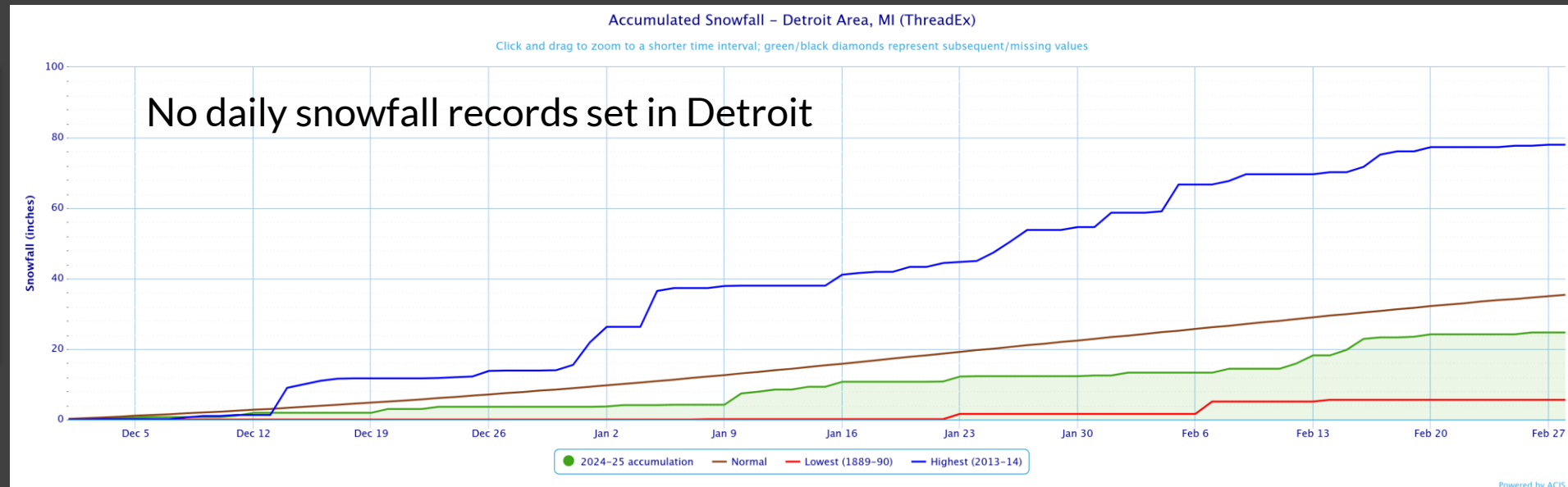
### Precipitation Stats:

Days with 1" or more: 1  
Days with 0.01" or more: 39  
Highest daily precip: 1.43"  
(Dec 29)



### Snowfall Stats:

Days with 6" or more: 0  
Days with 3" or more: 2  
Days with 0.1" or more: 30  
Highest daily snowfall: 3.2"  
(Jan 10)



# Winter 2024-2025 – Daily Temperature Graph

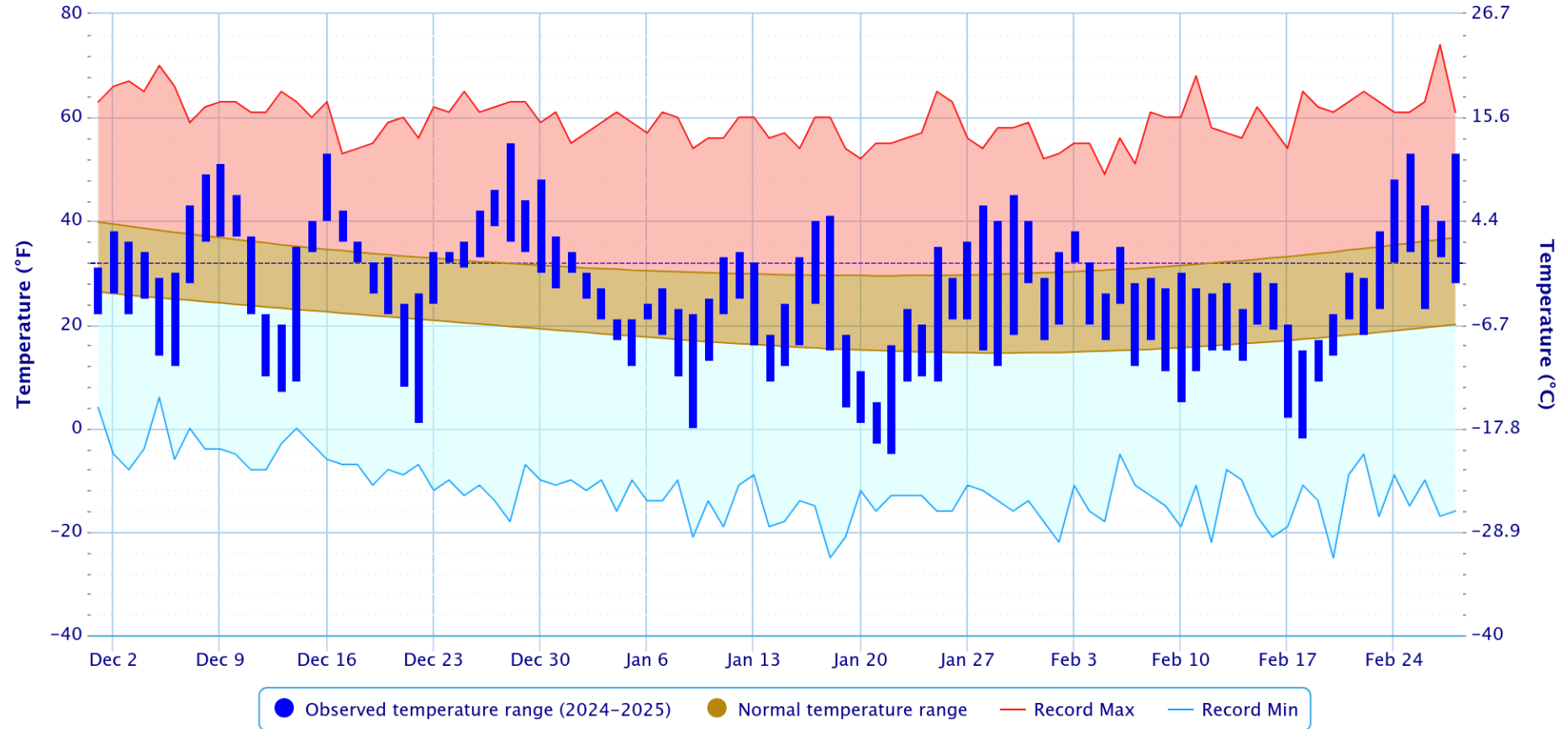
Weather Forecast Office  
Detroit, MI



## FLINT

Daily Temperature Data – Flint Area, MI (ThreadEx)

Period of Record – 1921-01-01 to 2025-02-28. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

### Temperature Stats:

Days at or below 0°F: 4  
Highest max: 55°F (Dec 28)  
Lowest min: -5°F (Jan 22)  
Lowest max: 5°F (Jan 21)  
Highest min: 40°F (Dec 16)

## RECORDS

No new temperature records set in Flint

# Winter 2024-2025 – Daily Precip/Snow Graphs

Weather Forecast Office  
Detroit, MI



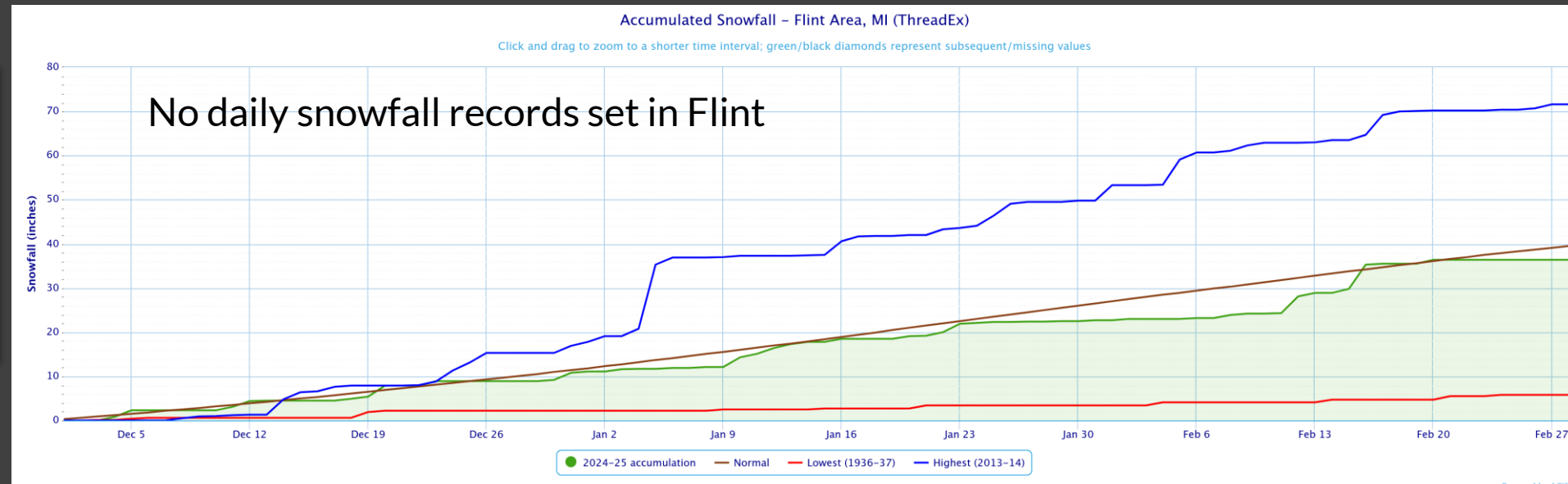
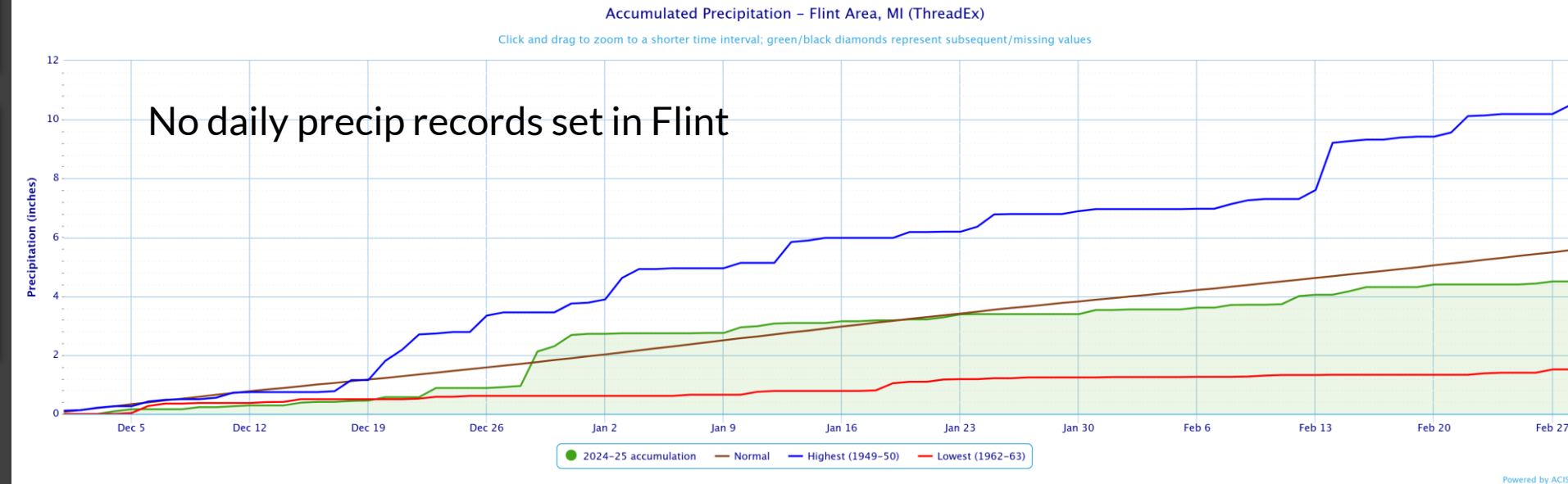
## FLINT

### Precipitation Stats:

Days with 1" or more: 1  
Days with 0.01" or more: 42  
Highest daily precip: 1.17"  
(Dec 29)

### Snowfall Stats:

Days with 6" or more: 0  
Days with 3" or more: 2  
Days with 0.1" or more: 42  
Highest daily snowfall: 5.5"  
(Feb 16)



# Winter 2024-2025 – Daily Temperature Graph

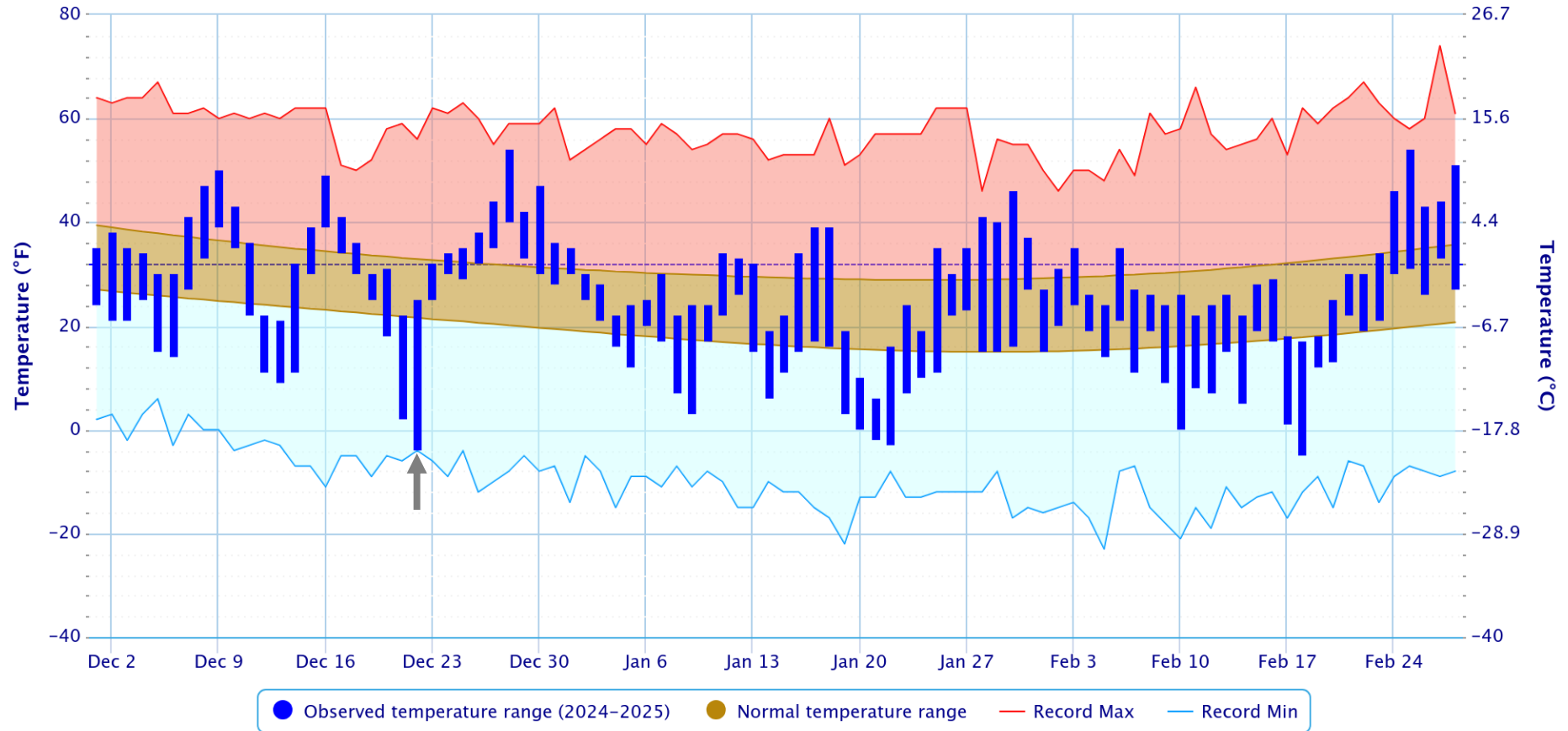
Weather Forecast Office  
Detroit, MI



## SAGINAW

### Daily Temperature Data – Saginaw Area, MI (ThreadEx)

Period of Record – 1912-01-01 to 2025-02-28. Normals period: 1991-2020. Click and drag to zoom chart.



Powered by ACIS

### Temperature Stats:

Days at or below 0°F: 6  
Highest max: 54°F (Dec 28 & Feb 25)  
Lowest min: -5°F (Feb 18)  
Lowest max: 6°F (Jan 21)  
Highest min: 40°F (Dec 28)

## RECORDS

↑ Daily Min Temp (tied):  
-4°F on Dec 22

# Winter 2024-2025 – Daily Precip/Snow Graphs

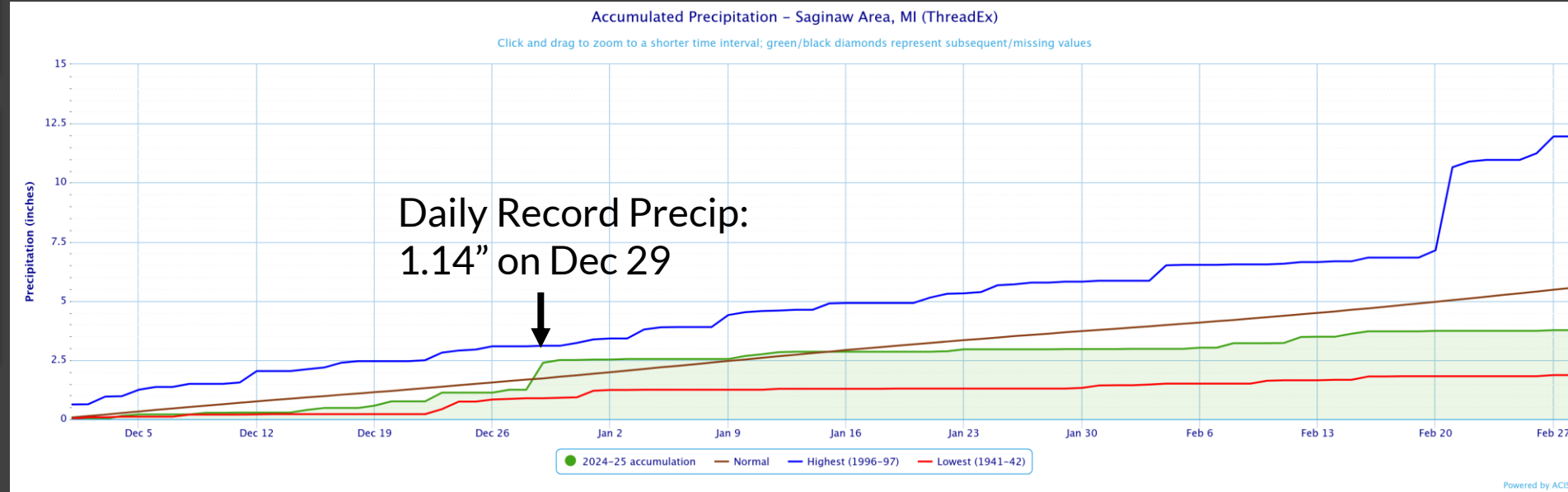
Weather Forecast Office  
Detroit, MI



## SAGINAW

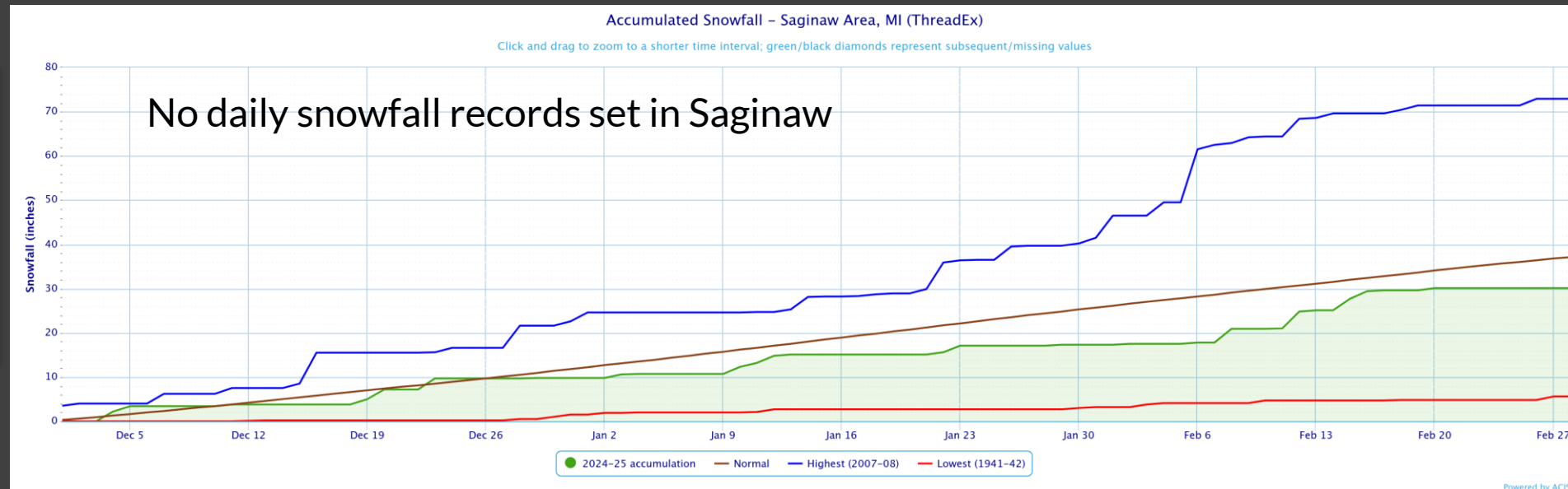
### Precipitation Stats:

Days with 1" or more: 1  
Days with 0.01" or more: 31  
Highest daily precip: 1.14"  
(Dec 29)



### Snowfall Stats:

Days with 6" or more: 0  
Days with 3" or more: 2  
Days with 0.1" or more: 26  
Highest daily snowfall: 3.8"  
(Feb 12)



# Winter 2024-2025 – Significant Weather Events

Weather Forecast Office  
Detroit, MI



Follow links for web summaries

## December 4 Snow Squalls

[weather.gov/dtx/2024-12-04-Snow-Squalls](https://weather.gov/dtx/2024-12-04-Snow-Squalls)

## December 23 Snow and Freezing Rain

[weather.gov/dtx/2024-12-23-Snow-Freezing-Rain-Advisory](https://weather.gov/dtx/2024-12-23-Snow-Freezing-Rain-Advisory)

## January 10 Winter Weather Advisory

[weather.gov/dtx/2025-01-10-Winter-Weather-Advisory](https://weather.gov/dtx/2025-01-10-Winter-Weather-Advisory)

## February 8 Snowfall

[weather.gov/dtx/February 8 2025 Snowfall](https://weather.gov/dtx/February_8_2025_Snowfall)

## February 12-13 Snowfall

[weather.gov/dtx/February 12 2025 Snowfall](https://weather.gov/dtx/February_12_2025_Snowfall)

## February 15-16 Snowfall

[weather.gov/dtx/February 15 16 2025 Snowfall](https://weather.gov/dtx/February_15_16_2025_Snowfall)



Observed Weather Reports

1. Product »  
 Daily Climate Report (CLI)  
 Preliminary Monthly Climate Data (CF6)  
 Record Event Report (RER)  
 Monthly Weather Summary (CLM)  
 Regional Summary (RTP)  
 State Summary (Temp/Precip)

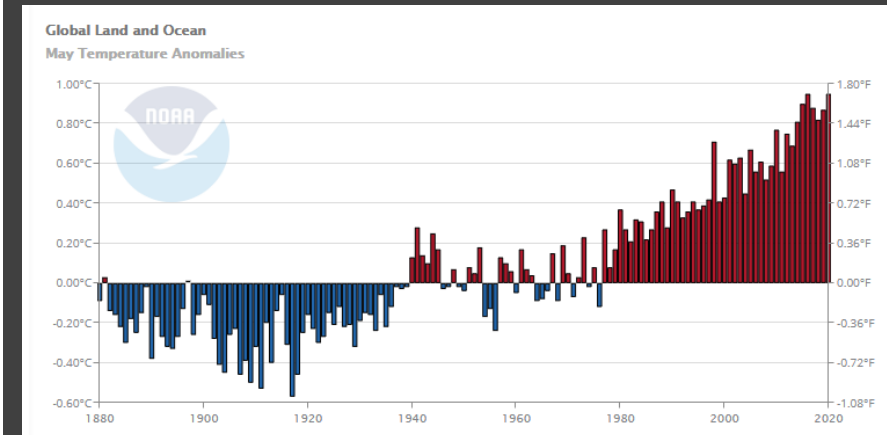
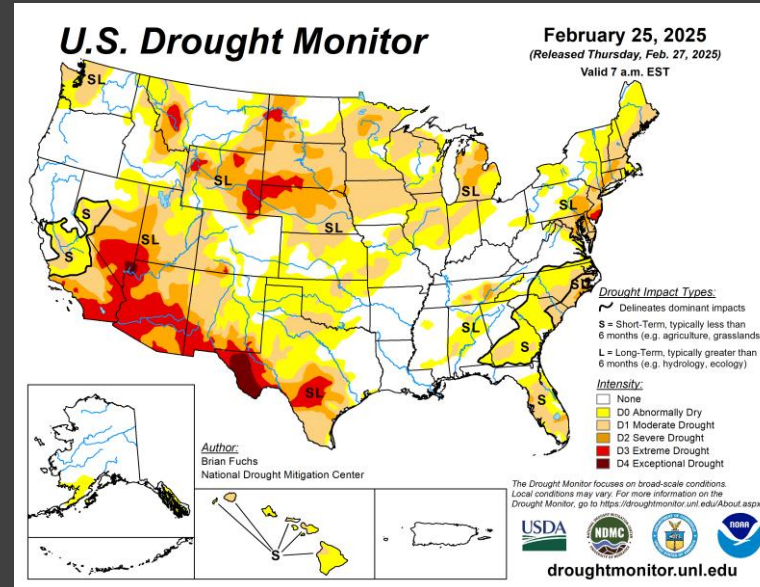
2. Location »  
Detroit  
Flint  
Saginaw

3. Timeframe »  
 Most Recent  
 Archived Data:  
July 3rd, 2020  
July 2nd, 2020  
July 1st, 2020  
June 30th, 2020  
June 29th, 2020  
June 28th, 2020

4. View »  
**Go**

Storm Event Database (NCDC)

Product Description:  
DAILY CLIMATE REPORT - issued daily:  
Detailed daily weather statistics (usually for yesterday), including temperature, precipitation, degree days, wind, humidity, sunrise/sunset, and record temperature data for the following day. Precipitation data includes both calendar year and water year totals, percent of normal values, and comparisons to normal. This product is



## SE Michigan Climate Products

[weather.gov/climate/index.php?wfo=dtx](https://weather.gov/climate/index.php?wfo=dtx)

## U.S. Drought Monitor

[drought.gov/drought/data-maps-tools/current-conditions](https://drought.gov/drought/data-maps-tools/current-conditions)

## NOAA NCEI Climate at a Glance

[ncdc.noaa.gov/cag/](https://ncdc.noaa.gov/cag/)

Thank you to our COOP and CoCoRaHS volunteer weather observers!