

Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



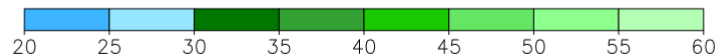
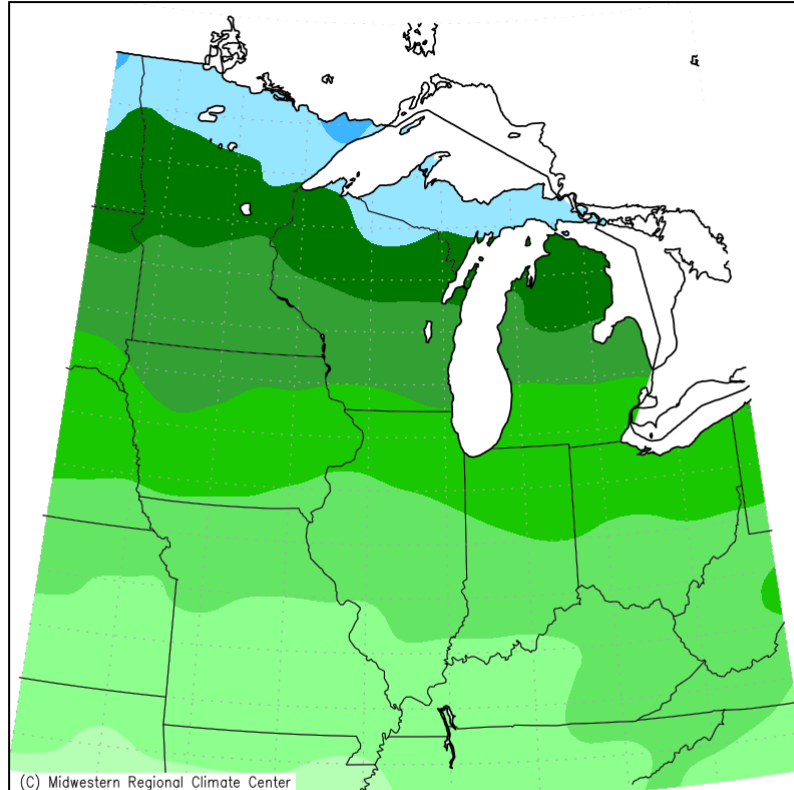
March 2025 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



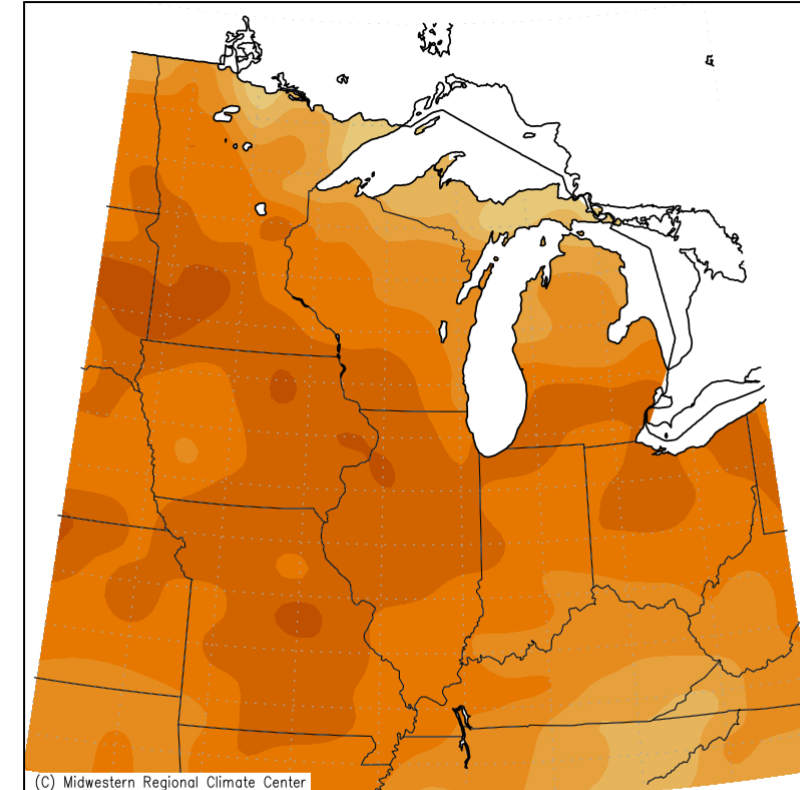
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)
March 1, 2025 to March 31, 2025

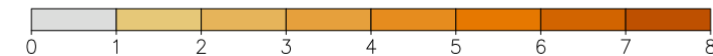


Midwestern Regional Climate Center
Purdue University

Average Temperature (°F): Departure from Mean
March 1, 2025 to March 31, 2025



Mean period is 1991–2020.



Midwestern Regional Climate Center
Purdue University

**Weather Forecast Office
Detroit, MI**

Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg
ADRIAN LENAWEE CO AP	77	17	53.9	32.7	43.3
ALGONAC WWTP	72	17	51.2	28.1	39.4
ANN ARBOR MNCPL AP	72	10	52.9	29.1	41.0
ANN ARBOR SE	74	12	52.6	28.5	40.6
ANN ARBOR U OF MICH	73	12	54.4	30.8	42.6
AUBURN 2NE	75	16	49.3	26.6	37.9
BAD AXE	73	12	46.5	26.0	36.3
BURTON 4N	73	15	50.5	25.8	38.2
CARO WWTP	73	13	48.7	26.6	37.6
CASS CITY 1 SSW	73	13	48.5	25.9	37.2
CHELSEA	75	11	51.9	30.3	41.1
DEARBORN	74	15	52.7	31.9	42.3
DETROIT CITY AP	74	19	55.4	34.4	44.9
DETROIT METRO AIRPORT	74	15	54.2	32.2	43.2
DETROIT WILLOW RUN AP	74	14	54.1	31.1	42.6
DUNDEE	73	16	53.0	30.5	41.8
DURAND WWTP	74	12	50.9	27.1	39.0
FARMINGTON	73	14	51.5	27.3	39.4
FILION 5NNW	74	19	47.8	30.3	39.1
FLINT FCWOS	74	16	52.9	29.2	41.1

Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg
GOODRICH	72	16	50.6	27.7	39.2
GROSSE POINTE FARMS	72	16	50.7	30.2	40.4
HARBOR BEACH 1 SSE	71	13	44.6	27.0	35.8
LAPEER 2W	73	14	49.8	29.1	39.4
LAPEER WWTP	78	15	50.9	27.3	39.1
LEXINGTON WATER PLANT	70	15	47.1	27.8	37.5
LINDEN WWTP	73	15	50.0	27.3	38.7
MANCHESTER	75	12	52.6	28.2	40.4
MIDLAND	69	11	46.0	24.7	35.4
OIL CITY 2S	74	10	47.4	24.1	35.8
OWOSSO WWTP	74	15	50.2	27.6	38.9
PONTIAC INTL AP	73	15	52.2	30.0	41.1
PONTIAC WWTP	72	15	50.9	30.1	40.5
PORT HOPE	75	14	46.8	29.4	38.1
PORT HURON	69	17	49.5	30.2	39.8
RICHMOND 4 NNW	70	13	48.3	26.4	37.4
SAGINAW #3	75	15	49.1	26.7	37.9
SAGINAW MBS INTL AP	74	17	49.9	28.8	39.4
SALINE 4SW	74	12	53.6	29.5	41.5
WHITE LAKE 4E	73	12	52.4	28.7	40.5
WHITMORE LAKE 1NW	72	11	50.8	27.9	39.4

March – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Marches 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	25.9	1877	50.7	2012	21.2	1960	49.5	2012	22.9	1960	48.0	2012
2	26.2	1960	47.9	1945	26.0	2014	46.0	1945	23.8	1912	45.1	1945
3	26.3	1900	46.1	1946	26.7	1978	44.6	1946	24.6	1916	41.9	1946
4	26.3	1885	44.0	2000	26.8	1984	42.8	2021	25.1	1978	41.8	1938
5	26.4	1912	44.0	1910	27.1	1965	41.7	2016	25.4	2014	41.4	2000
6	28.0	1875	43.3	1973	27.6	1940	41.4	1929	25.7	1926	40.7	1977
7	28.2	1906	43.2	2025	28.0	1950	41.3	2000	26.0	1923	40.5	1929
8	28.5	1895	43.1	2016	28.0	1947	41.3	1973	26.2	1950	40.1	2021
9	28.6	1940	42.9	2021	28.1	1996	41.1	2025	26.5	1965	39.9	2024
10	28.6	1888	42.5	1921	28.6	1932	40.8	1938	26.5	1940	39.4	2016
11	28.7	2014	42.4	2010	28.8	1926	40.5	2020	26.7	1941	39.4	2025
12	28.7	1916	42.3	2024	29.1	2005	40.4	1935	27.8	2005	39.4	2010
13	28.8	1896	41.6	1938	29.1	1923	40.3	2024	28.0	1984	39.2	1921
14	28.9	1984	41.6	1929	29.4	1956	40.1	1921	28.0	1944	39.0	1973
15	29.0	1926	41.5	1903	29.5	1959	40.0	1936	28.1	1956	38.8	2020
16	29.3	1934	41.4	1977	29.6	1971	39.5	1927	28.3	1972	37.6	1927
17	29.3	1899	41.3	1878	29.7	1944	39.2	1977	28.3	1932	37.2	2007
18	29.5	1876	41.2	2020	29.9	1980	39.1	2004	28.4	1947	37.2	1968
19	29.8	1932	40.4	2004	30.0	1937	38.7	1976	28.5	1959	37.0	2004
20	29.8	1883	40.3	1976	30.1	1970	38.6	2010	28.7	1996	36.8	1985

* Detroit Area temperature records date back to January 1874.

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

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

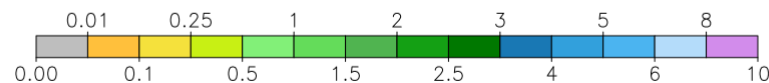
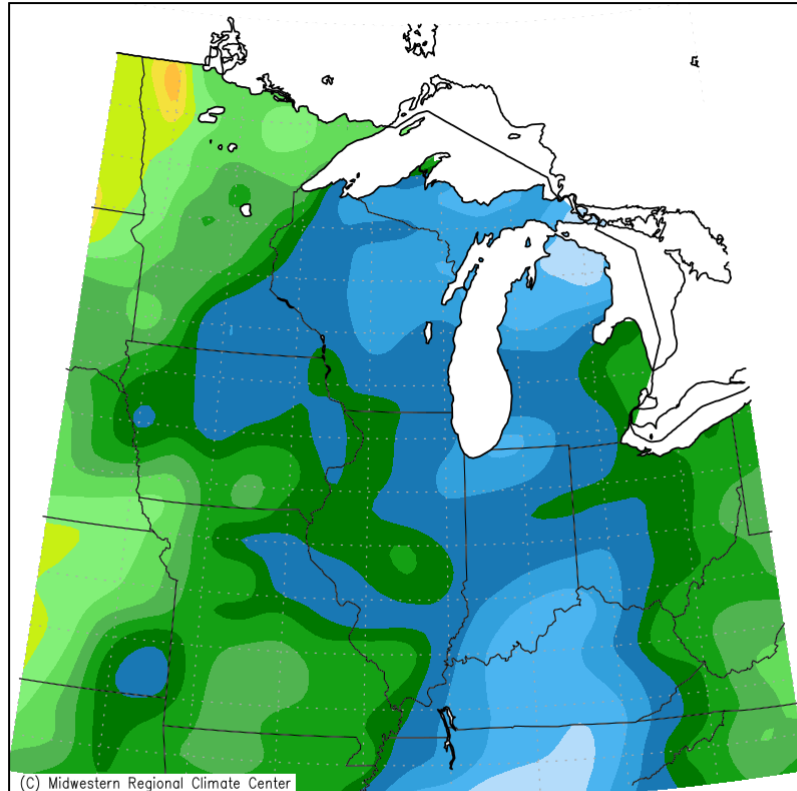
March 2025 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



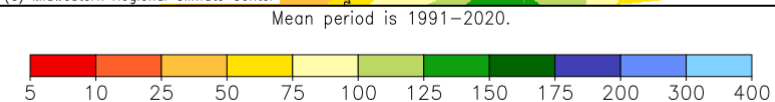
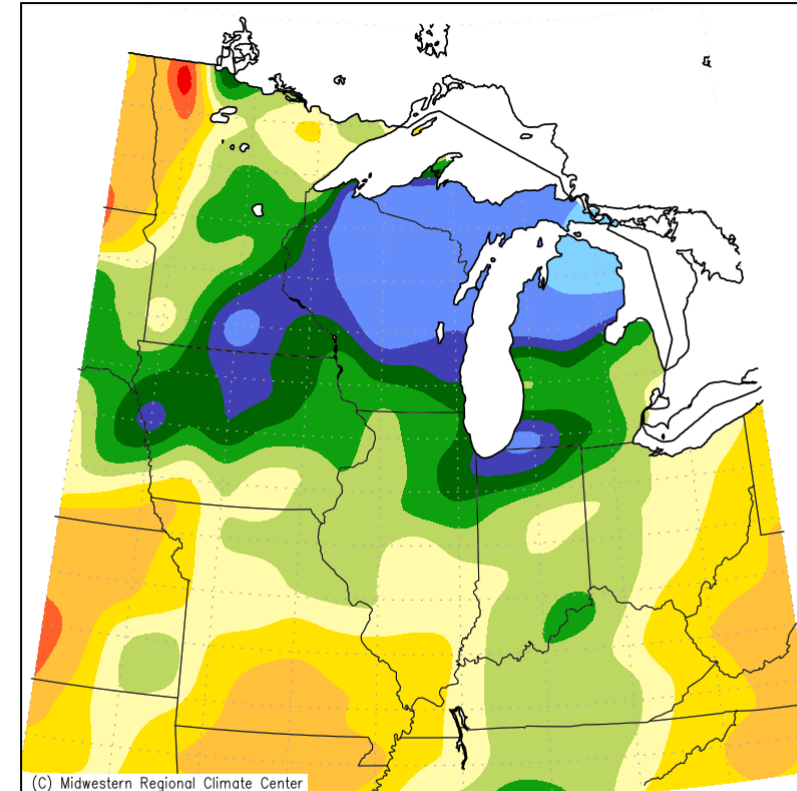
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)
March 1, 2025 to March 31, 2025



Midwestern Regional Climate Center
Purdue University

Accumulated Precipitation: Percent of Mean
March 1, 2025 to March 31, 2025



Midwestern Regional Climate Center
Purdue University

**Weather Forecast Office
Detroit, MI**



[NWSDetroit](#)
weather.gov/dtx

March – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Marches 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	5.63	1913	0.38	1910	4.33	1948	0.25	1958	6.69	1998	0.31	1981
2	5.50	1876	0.47	1958	4.33	2016	0.56	2001	5.96	1948	0.44	2001
3	5.43	1877	0.59	1937	4.33	1942	0.57	1936	5.23	1976	0.49	1958
4	5.12	1922	0.66	1885	4.24	1921	0.58	1967	4.48	1973	0.56	1941
5	4.86	2016	0.74	2013	4.20	1973	0.65	2010	4.32	1985	0.60	2013
6	4.48	1973	0.74	2005	4.00	1985	0.74	1962	3.98	2016	0.62	1915
7	4.42	1985	0.80	2015	3.92	2011	0.75	1999	3.67	1991	0.65	1936
8	4.40	1938	0.82	1981	3.73	2023	0.76	1981	3.49	1942	0.69	2018
9	4.36	1899	0.93	2001	3.66	1976	0.77	2013	3.29	1928	0.72	2010
10	4.26	2017	1.02	1905	3.60	1974	0.90	2000	3.26	1916	0.77	1939
11	4.24	1976	1.03	1967	3.43	1938	0.91	1930	3.17	2022	0.80	2015
12	4.20	1974	1.07	2010	3.41	1998	0.92	2015	3.09	2023	0.85	1996
13	4.17	2009	1.12	1999	3.21	2017	1.04	2005	3.08	1974	0.90	1969
14	4.11	2023	1.13	1960	3.13	1923	1.11	2018	3.07	1961	1.03	2014
15	4.09	1904	1.14	1962	2.94	1961	1.11	1939	3.07	1918	1.08	1999
16	3.92	1916	1.16	1988	2.93	1954	1.21	2014	3.05	1919	1.08	1993
17	3.88	1980	1.17	1889	2.87	1991	1.21	1993	3.01	1971	1.08	1946
18	3.87	1954	1.24	1915	2.83	2006	1.24	1995	2.97	1984	1.10	1978
19	3.86	2020	1.28	1936	2.83	1984	1.27	1941	2.94	1997	1.10	1914
20	3.70	1897	1.32	1890	2.78	1977	1.28	1937	2.92	1983	1.11	1924

* 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.

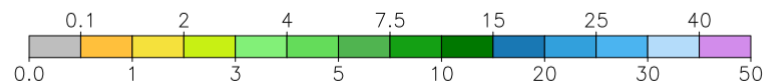
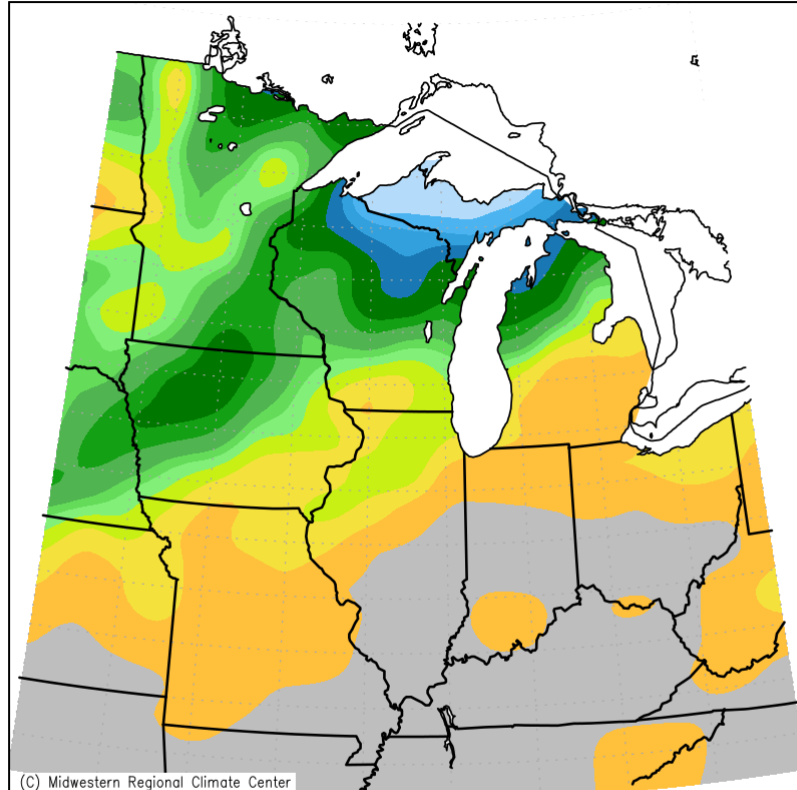
March 2025 – Regional Snowfall Summary

Weather Forecast Office
Detroit, MI



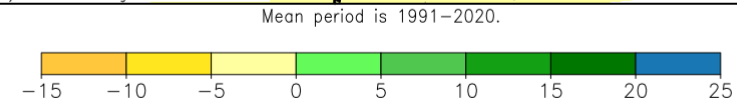
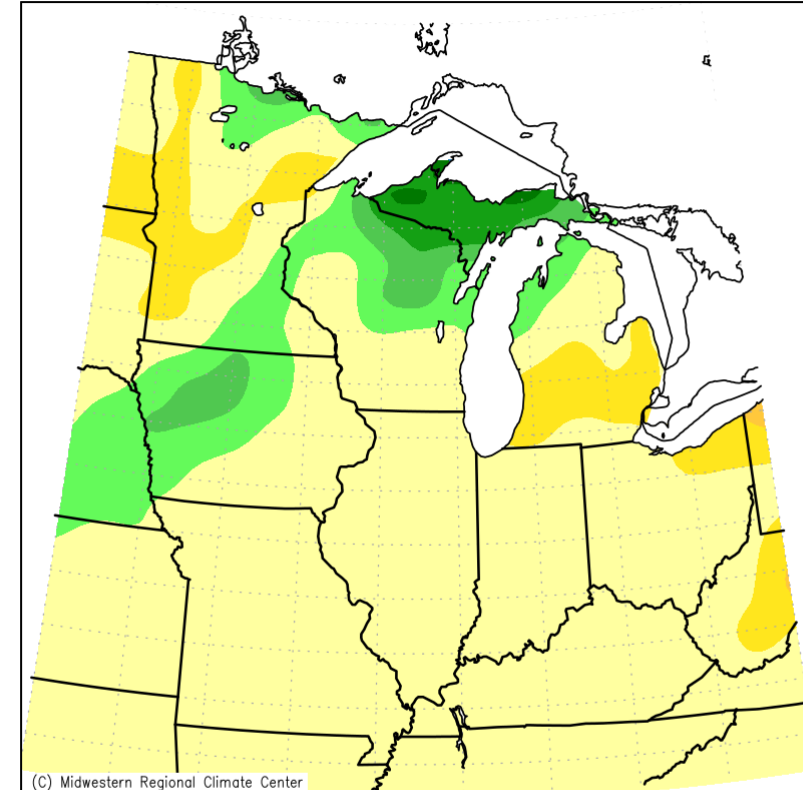
Total Monthly Snowfall (*left*) & Departure from Normal (*right*)

Accumulated Snowfall (in)
March 1, 2025 to March 31, 2025



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 4/8/2025 9:31:27 AM CDT

Accumulated Snowfall (in): Departure from Mean
March 1, 2025 to March 31, 2025



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 4/8/2025 9:31:44 AM CDT

Weather Forecast Office Detroit, MI

  NWSDetroit weather.gov/dtx

March – Top 20 Snowiest/Least Snowy on Record

Weather Forecast Office
Detroit, MI



Top 20 Snowiest/Snowless Marches in Southeast Lower Michigan (in.)

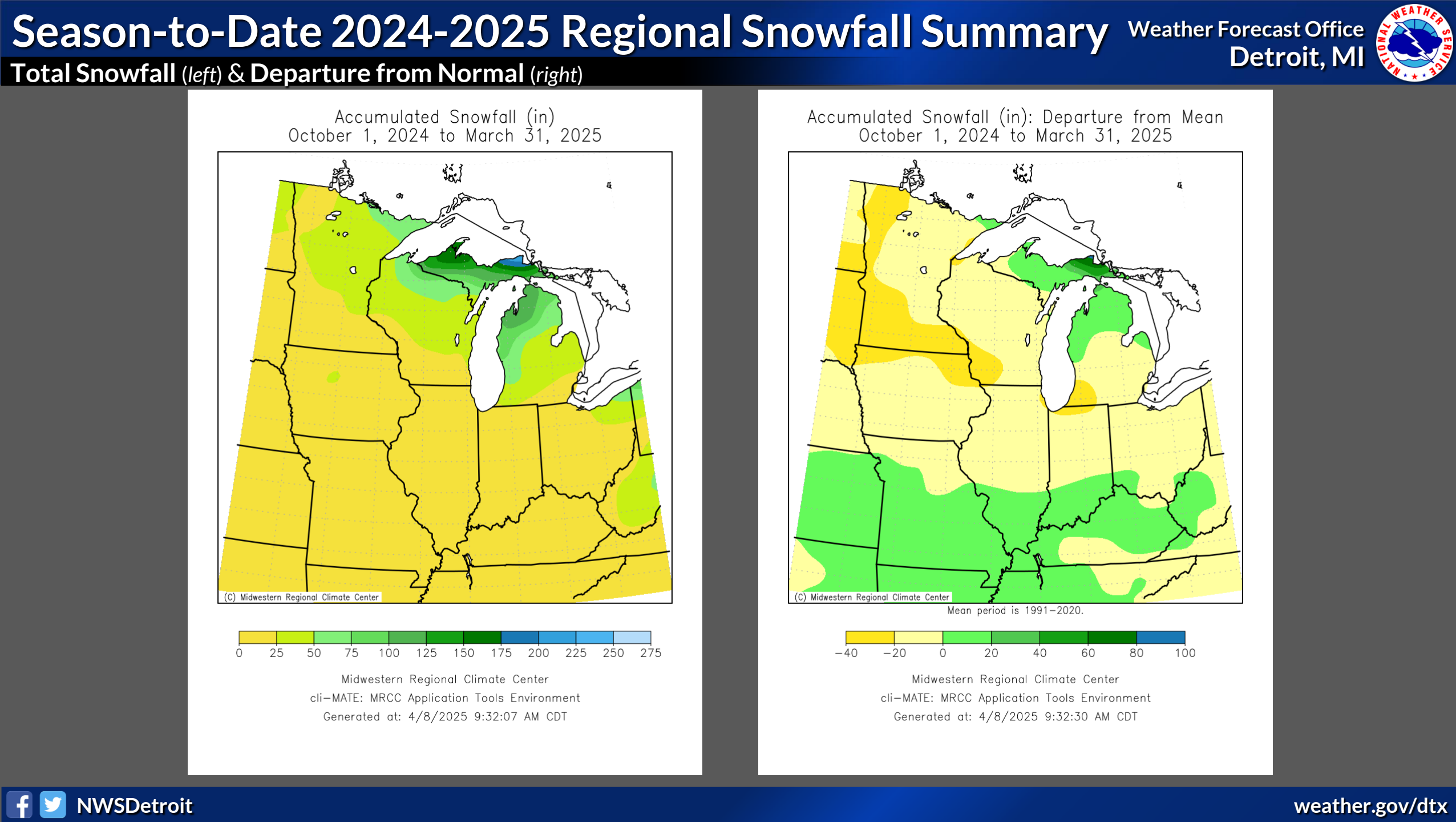
Rank	Detroit Area*				Flint Bishop**				Saginaw Area***			
	Snowiest		Snowless		Snowiest		Snowless		Snowiest		Snowless	
	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year
1	30.2	1900	0.0	2010	19.4	1965	0.0	1945	27.5	1971	0.0	1981
2	24.1	1899	0.0	2021	18.9	1932	0.2	2021	21.7	1973	0.0	1946
3	21.8	1881	0.0	1946	18.3	1954	0.6	1946	19.3	1947	0.0	1945
4	21.0	2008	0.1	1910	17.7	1996	0.7	2010	18.5	1972	0.2	1990
5	21.0	1916	0.1	1903	16.8	1971	0.9	2012	17.4	1912	0.4	2021
6	15.8	2023	0.1	1880	16.3	1947	1.0	1953	15.3	1928	0.5	1927
7	15.8	1912	0.2	2012	16.0	1975	1.0	1936	14.9	2016	0.7	2009
8	15.7	1993	0.2	1991	14.4	1999	1.1	2025	14.6	2002	1.0	2010
9	15.5	1954	0.2	1905	14.4	1992	1.1	1938	14.4	1932	1.0	1987
10	14.7	1904	0.3	1945	14.3	1973	1.2	1991	14.2	1999	1.0	1921
11	14.6	1930	0.4	2025	13.8	1960	1.3	1949	13.5	1925	1.3	1942
12	14.5	1883	0.4	1961	13.5	1940	1.7	1924	13.3	1967	1.3	1917
13	14.4	1906	0.6	1981	13.0	1983	1.9	2000	13.1	1983	1.4	1988
14	14.3	1931	0.9	2024	12.8	1928	2.0	1941	13.0	1985	1.5	2020
15	13.6	1982	1.0	1927	12.5	1970	2.1	2006	12.4	1992	1.5	2025
16	13.3	1987	1.0	1953	12.3	2005	2.2	2009	12.3	1974	1.5	2008
17	13.3	1956	1.0	2009	11.9	1959	2.3	1933	12.0	2011	1.9	2019
18	13.2	1999	1.0	1908	11.8	2023	2.4	1927	11.8	2005	1.9	2004
19	13.2	1895	1.1	2000	11.8	1993	2.5	2019	11.8	1965	1.9	1978
20	13.1	1934	1.2	1902	11.7	2018	2.8	2020	11.7	1930	1.9	1966

* Detroit Area snowfall records date back to January 1880.

** Flint Bishop snowfall records date back to January 1921.

*** Saginaw Area snowfall records date back to January 1912.

Note: this table does not
account for trace (T) events



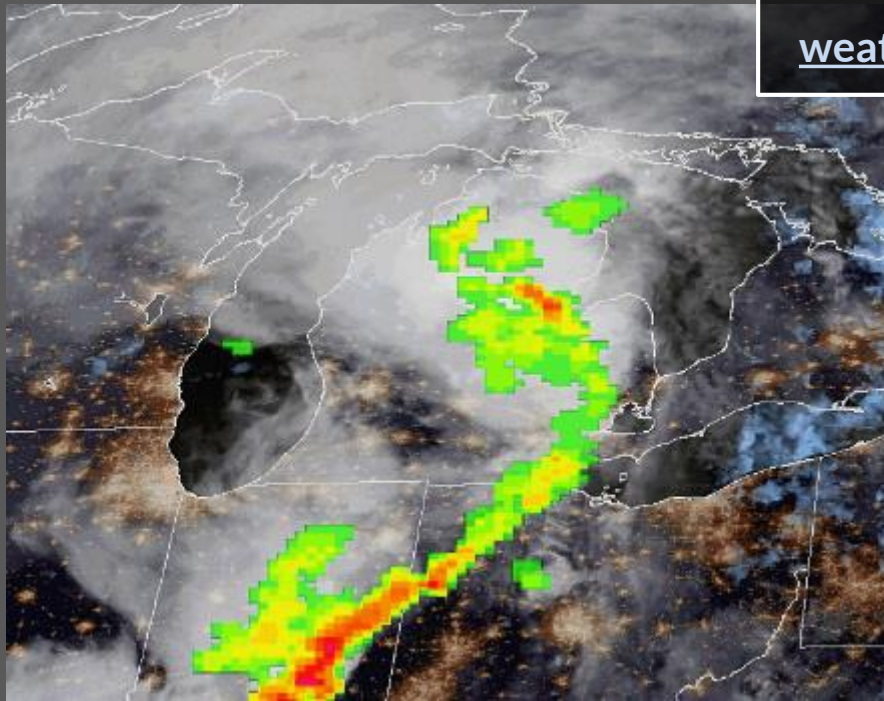
March 2025 – Significant Weather Events

Follow links for web summaries

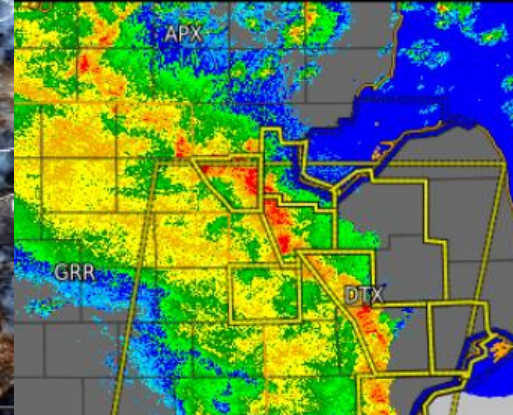
Weather Forecast Office
Detroit, MI



March 30 Severe Weather weather.gov/dtx/severeweather03302025



XRAD Base Reflectivity
Mar 2025 07:20 PM EDT



Credit: @miwxchaser



NOWData | Observed Weather | Climate Prediction and Variability | Local Data/Records | Climate Resources

NOWData - NOAA Online Weather Data

1. Location » 2. Product » 3. Options » 4. View »

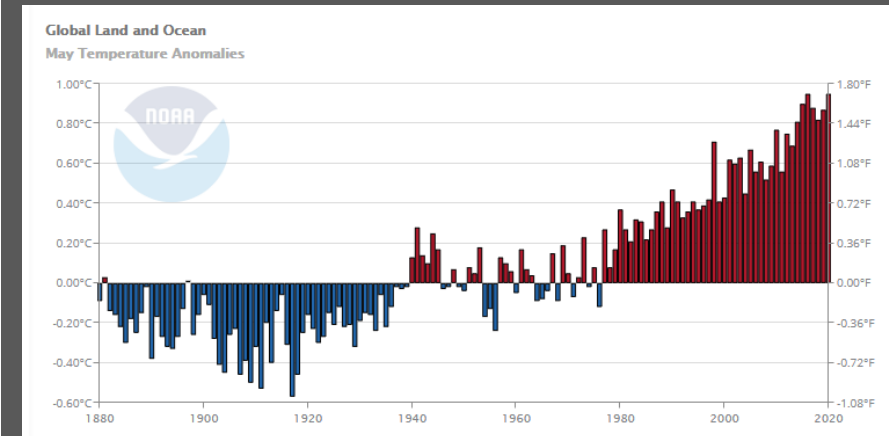
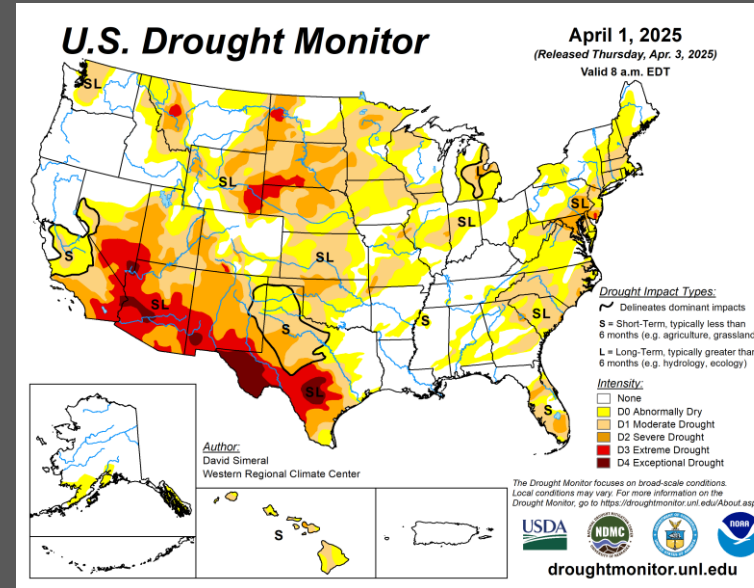
View map

Detroit Area
Flint Area
Saginaw Area
Adrian 2 Nne, MI
Ann Arbor Univ O, MI
Bad Axe, MI
Caro Vwtp, MI
Chelsea, MI
Detroit City Ap, MI
Detroit Metropol, MI

Product Description:
DAILY DATA FOR A MONTH - daily maximum, minimum and average temperature (degrees F), average temperature departure from normal (degrees F), heating and cooling degree days (base 65), precipitation, snowfall and snow depth (inches) for all days of the selected month. Basic monthly summary statistics are also provided.

Product Description:
DAILY DATA FOR A MONTH - daily maximum, minimum and average temperature (degrees F), average temperature departure from normal (degrees F), heating and cooling degree days (base 65), precipitation, snowfall and snow depth (inches) for all days of the selected month. Basic monthly summary statistics are also provided.

Product Description:
DAILY DATA FOR A MONTH - daily maximum, minimum and average temperature (degrees F), average temperature departure from normal (degrees F), heating and cooling degree days (base 65), precipitation, snowfall and snow depth (inches) for all days of the selected month. Basic monthly summary statistics are also provided.



SE Michigan Climate Products

weather.gov/wrh/climate?wfo=dtx

U.S. Drought Monitor

drought.gov/drought/data-maps-tools/current-conditions

NOAA NCEI Climate at a Glance

ncei.noaa.gov/access/monitoring/climate-at-a-glance/

Thank you to our [COOP](#) and [CoCoRaHS](#) volunteer weather observers!