

# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office  
Detroit, MI



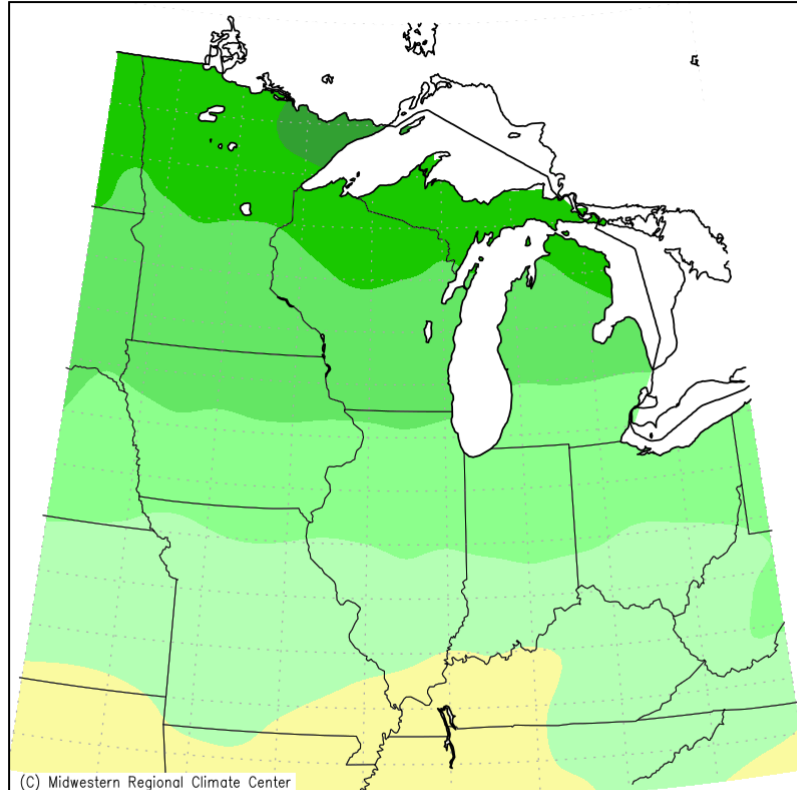
# April 2024 – Regional Temperature Summary

Weather Forecast Office  
Detroit, MI

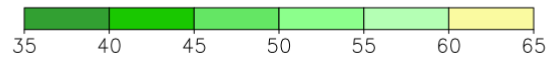


Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)  
April 1, 2024 to April 30, 2024

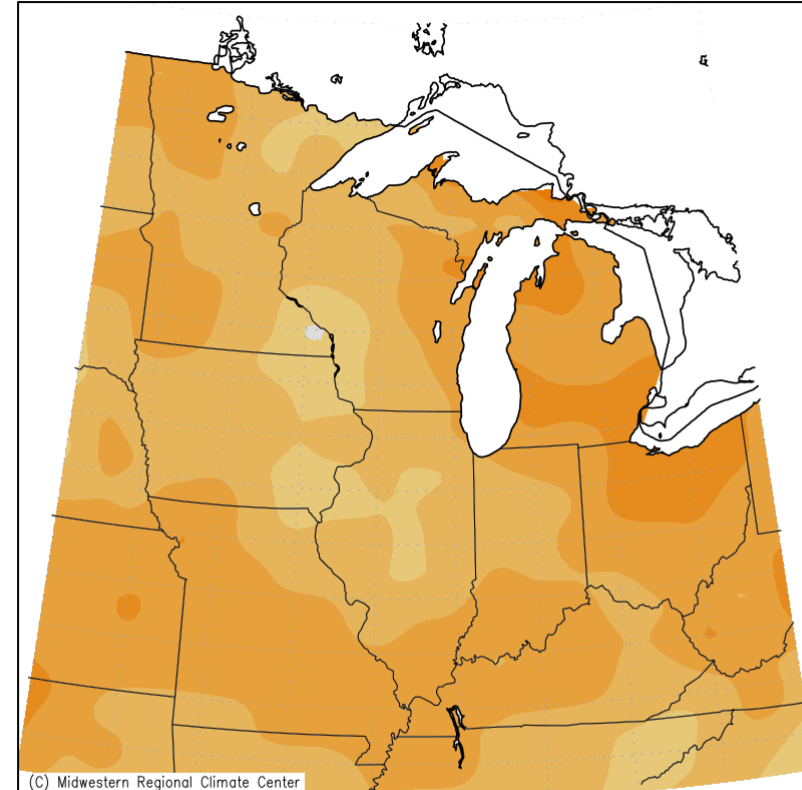


(C) Midwestern Regional Climate Center



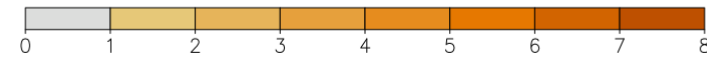
Midwestern Regional Climate Center  
Purdue University

Average Temperature (°F): Departure from Mean  
April 1, 2024 to April 30, 2024



(C) Midwestern Regional Climate Center

Mean period is 1991–2020.



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# April 2024 – SE Michigan Temperature Summary

Weather Forecast Office  
Detroit, MI



Warmest, Coldest, and Averages (°F)

Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg	Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg
ADRIAN 2 NNE	80	26	62.1	40.9	51.5	GROSSE POINTE FARMS	83	29	59.7	41.5	50.6
ADRIAN LENAWEE CO AP	80	29	62.4	42.9	52.6	HARBOR BEACH 1 SSE	80	28	52.9	37.0	45.0
ALGONAC WWTP	82	25	61.2	38.7	50.0	LAPEER 2W	82	23	60.1	39.4	49.8
ANN ARBOR MNCPL AP	80	23	62.0	39.4	50.7	LAPEER WWTP	82	25	60.3	38.1	49.2
ANN ARBOR SE	80	24	61.7	38.9	50.3	LEXINGTON WATER PLANT	81	29	55.4	37.8	46.6
ANN ARBOR U OF MICH	80	23	63.5	39.9	51.7	LINDEN WWTP	79	24	59.6	35.4	47.5
BAD AXE	79	24	54.9	35.1	45.0	MANCHESTER	80	25	61.9	39.1	50.5
CARO WWTP	80	24	58.8	35.6	47.2	MIDLAND	74	24	56.0	37.2	46.6
CASS CITY 1 SSW	80	24	58.2	35.5	46.9	OIL CITY 2S	79	23	59.1	35.0	47.0
CHELSEA	80	24	61.1	41.1	51.1	OWOSSO WWTP	81	26	59.7	37.9	48.5
DEARBORN	82	26	62.3	42.5	52.4	PONTIAC INTL AP	81	27	60.7	40.7	50.7
DETROIT CITY AP	83	31	64.3	45.0	54.7	PONTIAC WWTP	81	28	61.2	41.0	51.1
<b>DETROIT METRO AIRPORT</b>	<b>82</b>	<b>28</b>	<b>62.8</b>	<b>43.6</b>	<b>53.2</b>	PORT HOPE	79	29	55.5	39.4	47.5
DETROIT WILLOW RUN AP	81	27	62.5	41.8	52.1	PORT HURON	78	30	58.5	41.6	50.0
DUNDEE	81	27	61.8	41.0	51.4	RICHMOND 4 NNW	82	27	59.8	38.6	49.2
DURAND WWTP	80	24	59.8	38.8	49.3	SAGINAW #3	80	27	59.0	36.9	47.9
FARMINGTON	80	26	60.7	38.5	49.6	<b>SAGINAW MBS INTL AP</b>	<b>81</b>	<b>26</b>	<b>60.0</b>	<b>39.7</b>	<b>49.9</b>
FILION 5NNW	78	28	57.9	38.9	48.6	SALINE 4SW	80	25	61.7	39.7	50.7
FLINT 7W	79	24	58.7	38.3	48.5	WHITE LAKE 4E	81	23	61.2	38.9	50.0
<b>FLINT FCWOS</b>	<b>81</b>	<b>26</b>	<b>61.5</b>	<b>40.1</b>	<b>50.8</b>	WHITMORE LAKE 1NW	79	26	60.7	39.4	50.1
GOODRICH	80	24	59.4	38.2	48.8						

# April – Top 20 Coldest/Warmest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Coldest/Warmest Aprils 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	37.6	1874	54.5	1955	39.1	2018	53.7	1941	37.9	1950	52.7	1985
2	39.1	1907	54.3	2017	39.4	1950	52.5	1955	39.0	2018	52.6	1955
3	40.5	1875	54.2	2010	40.2	1975	52.4	1921	39.2	1920	51.7	2010
4	40.9	1975	53.4	1878	41.3	1944	51.8	1985	39.4	1926	51.7	1921
5	40.9	1926	53.2	2024	41.3	1943	51.6	2010	40.0	1943	51.6	1915
6	41.0	1920	53.2	1921	41.5	1926	51.5	1925	40.2	1944	50.9	1977
7	41.2	1904	52.9	1942	41.6	1961	51.4	2017	41.1	1940	50.8	2017
8	41.5	1950	52.6	1941	42.4	1996	51.0	2008	41.2	1965	50.7	1941
9	42.3	1936	52.4	1977	42.4	1972	50.8	2024	41.3	1982	49.9	2024
10	42.4	1943	52.2	2006	42.5	1953	50.4	1942	41.4	1978	49.9	1968
11	42.8	1940	52.2	1915	42.6	1995	50.2	1991	41.4	1975	49.6	1942
12	42.9	1944	52.0	1991	42.7	1947	50.2	1948	41.5	1917	49.3	1976
13	43.0	2018	51.8	2008	42.8	1965	49.9	2004	41.6	1953	49.1	2008
14	43.2	1982	51.3	1925	42.9	1997	49.9	1987	41.7	1936	48.9	2021
15	43.2	1888	51.3	1896	43.2	1982	49.5	1977	41.8	1983	48.9	2006
16	43.4	1909	51.2	1994	43.2	1956	49.4	1986	41.8	1972	48.9	1991
17	43.5	1961	51.2	1948	43.3	1971	49.2	2021	41.9	1996	48.8	1929
18	43.6	1917	51.1	2001	43.3	1932	49.1	1929	42.0	1956	48.7	1969
19	43.7	1928	51.1	1886	43.4	1966	48.9	2023	42.1	1947	48.7	1938
20	43.7	1876	51.0	1985	43.5	1936	48.8	1968	42.3	1995	48.5	2023

\* 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.

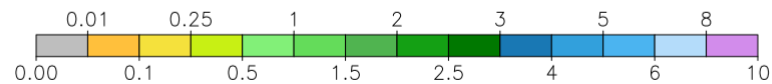
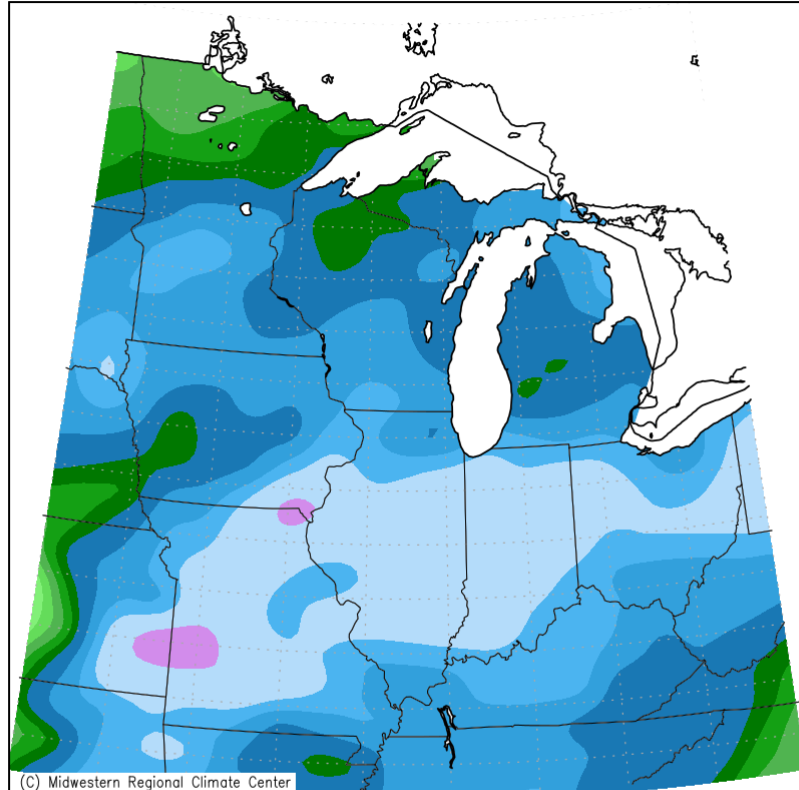
# April 2024 – Regional Precipitation Summary

Weather Forecast Office  
Detroit, MI



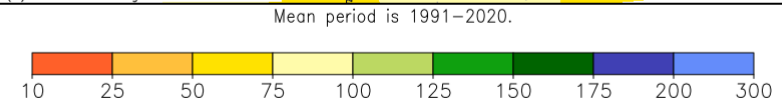
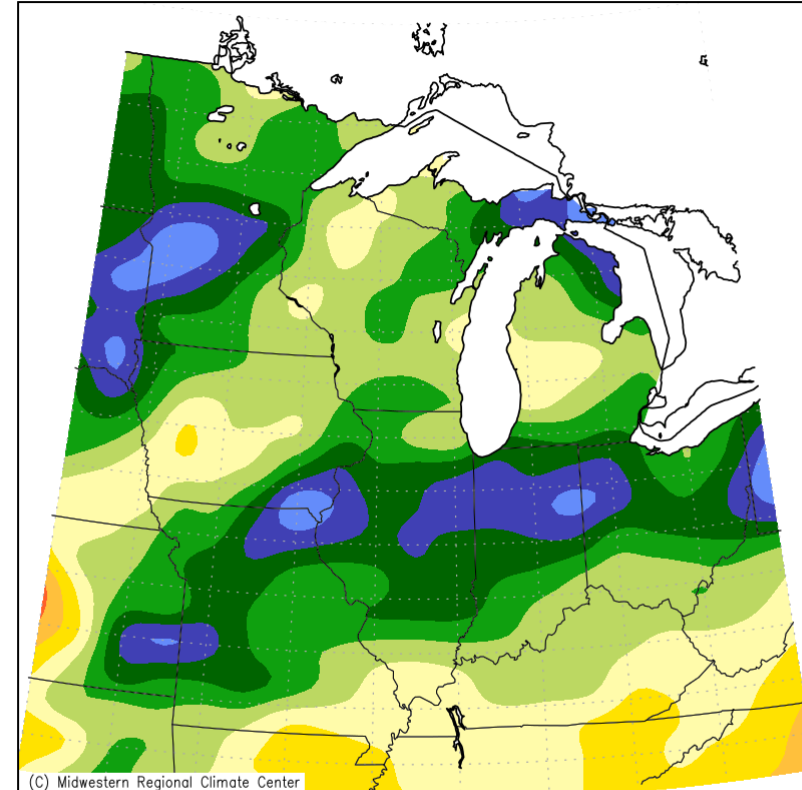
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)  
April 1, 2024 to April 30, 2024



Midwestern Regional Climate Center  
Purdue University

Accumulated Precipitation: Percent of Mean  
April 1, 2024 to April 30, 2024



Midwestern Regional Climate Center  
Purdue University

# April 2024 – SE Michigan Precipitation Summary

Weather Forecast Office  
Detroit, MI



Highest daily total, monthly total, and total number of days of measureable precip (in.)

Location	Highest Daily Total	Monthly Total	# of Days with Precip	Location	Highest Daily Total	Monthly Total	# of Days with Precip	Location	Highest Daily Total	Monthly Total	# of Days with Precip
ADRIAN 2 NNE	1.87	5.66	16	DEXTER 2.2 SE	0.99	4.51	16	OIL CITY 2S	0.63	3.11	14
ADRIAN LENAWEE CO AP	1.35	4.94	15	DUNDEE	0.95	4.98	18	ORTONVILLE 2.3 S	1.35	4.18	16
ALGONAC WWTP	0.70	4.28	15	DURAND WWTP	0.65	2.74	13	OTTAWA LAKE 1.4 SSW	1.57	6.23	14
ANN ARBOR 2.1 WNW	0.92	3.66	15	EASTPOINTE 1.2 SSW	0.73	3.43	16	OWOSSO WWTP	0.87	3.90	16
ANN ARBOR 4.5 W	1.10	4.07	16	ECN DETROIT	0.67	4.29	19	PONTIAC INTL AP	1.70	4.21	13
ANN ARBOR 6.4 NNE	1.18	4.62	16	FARMINGTON	1.12	4.27	14	PONTIAC WWTP	0.78	3.78	15
ANN ARBOR 7.1 W	0.98	4.18	17	FENTON 2.7 SSE	1.31	4.17	13	PORT HOPE	0.84	4.97	13
ANN ARBOR MNCPL AP	1.43	4.31	14	FENTON 5.6 WSW	0.62	3.67	17	PORT HURON	1.10	3.20	11
ANN ARBOR SE	1.27	4.53	17	FILION 5NNW	0.81	4.60	20	PORT HURON 2.8 WSW	0.68	2.68	11
ANN ARBOR U OF MICH	1.15	4.51	17	FLINT 7W	0.74	3.51	14	RICHMOND 4 NNW	0.72	3.40	12
BAD AXE	0.95	3.67	15	<b>FLINT FCWOS</b>	<b>1.01</b>	<b>3.27</b>	<b>13</b>	ROSEVILLE 1.7 ENE	0.93	3.32	15
BAY PORT 3.2 SSW	1.30	3.61	18	GOODRICH	1.06	3.36	15	SAGINAW 6.4 W	0.52	1.69	15
CARLETON 2.5 S	1.05	4.62	14	GROSSE POINTE FARMS	0.68	4.32	16	SAGINAW 8NW	0.65	2.75	16
CARO WWTP	1.23	3.81	16	HARBOR BEACH 1 SSE	0.77	3.79	14	SAGINAW #3	0.98	3.44	16
CASS CITY 1 SSW	1.43	3.84	14	HIGHLAND 1.3 NE	1.43	4.69	16	<b>SAGINAW MBS INTL AP</b>	<b>0.44</b>	<b>2.53</b>	<b>15</b>
CHELSEA	0.71	4.11	18	LAPEER 2W	1.36	4.06	17	SALINE 3.8 SSW	1.15	4.72	13
CHELSEA 3.7 NNE	0.61	3.76	16	LAPEER WWTP	1.33	4.03	16	SALINE 4SW	1.31	5.45	15
CHESANING	0.88	2.75	11	LEXINGTON WATER PLANT	0.46	2.96	16	SHELBY 0.4 SSE	0.67	3.14	11
CLAWSON 0.5 S	0.68	3.13	17	LINDEN WWTP	0.78	3.78	17	ST CHARLES 5.0 W	0.62	2.43	16
CLINTON 0.5 NE	1.39	4.51	14	MANCHESTER	0.70	3.57	17	WATERFORD 1.1 NE	1.43	4.68	16
DAVISON 5.2 N	0.67	2.52	15	MIDLAND	0.60	2.90	14	WATERFORD 2.1 NW	1.06	4.22	14
DEARBORN	0.90	4.59	16	MIDLAND 1.5 NNE	0.70	2.91	16	WHITE LAKE 0.5 E	1.29	4.88	12
DEARBORN HGHTS 1.8 NW	0.92	3.89	18	MILFORD 4.3 ESE	1.62	5.41	14	WHITE LAKE 4E	1.69	4.86	16
DETROIT CITY AP	0.87	4.05	14	MONROE 3.0 S	1.20	5.09	16	WHITMORE LAKE 1NW	1.00	6.18	17
<b>DETROIT METRO AIRPORT</b>	<b>1.14</b>	<b>4.15</b>	<b>13</b>	NEW BALTIMORE 0.4 SSE	0.53	2.46	13	WYANDOTTE	1.11	4.75	16
DETROIT WILLOW RUN AP	1.54	4.35	17	NORTHVILLE 3.4 SE	1.25	4.21	15				

# April – Top 20 Wettest/Driest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Wettest/Driest Aprils 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	6.89	1947	0.53	1899	6.44	2013	0.62	1942	7.33	2013	0.42	1940
2	6.17	1880	0.60	1902	5.90	1947	0.70	2004	6.83	1967	0.49	1946
3	5.82	2019	0.66	1915	5.73	1937	0.74	1946	5.96	2011	0.74	1942
4	5.65	1929	0.69	2004	5.63	1967	0.95	1931	5.93	1991	0.86	1935
5	5.61	2011	0.70	1875	5.59	1976	1.03	1978	5.89	2017	0.91	1938
6	5.51	1903	0.74	1946	5.47	2011	1.13	1935	5.61	2009	0.91	1924
7	5.29	2013	0.92	1971	5.42	2009	1.21	1997	5.47	1929	1.04	1931
8	5.29	1919	0.96	2008	5.21	1961	1.23	1982	5.34	1994	1.13	1978
9	5.23	1961	1.13	1882	5.19	2017	1.30	1955	5.15	1992	1.22	2021
10	5.13	1999	1.14	1889	5.06	1999	1.31	2005	4.82	1980	1.25	1998
11	5.03	2009	1.19	1887	5.01	1994	1.33	2012	4.81	1947	1.28	1971
12	5.03	1937	1.31	1895	4.98	1929	1.43	1998	4.43	1961	1.30	1914
13	4.97	1979	1.39	1874	4.55	1993	1.50	1989	4.19	1956	1.31	1923
14	4.92	1950	1.42	1973	4.32	1981	1.51	1938	3.84	1969	1.34	1944
15	4.73	1959	1.42	1925	4.31	1975	1.52	1925	3.72	1964	1.38	1915
16	4.73	1910	1.44	1888	4.25	1969	1.55	2021	3.72	1945	1.42	1989
17	4.65	1964	1.45	1942	4.25	1956	1.60	2008	3.71	1951	1.42	1930
18	4.61	1917	1.50	1988	4.07	1991	1.62	1971	3.70	1983	1.43	1916
19	4.48	2002	1.51	1898	4.05	1945	1.63	2015	3.67	1921	1.44	1934
20	4.44	1957	1.53	1883	3.87	1959	1.68	1968	3.58	1928	1.46	1932

\* 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.

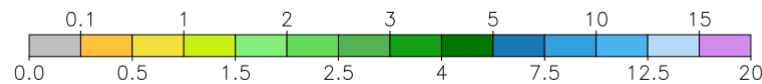
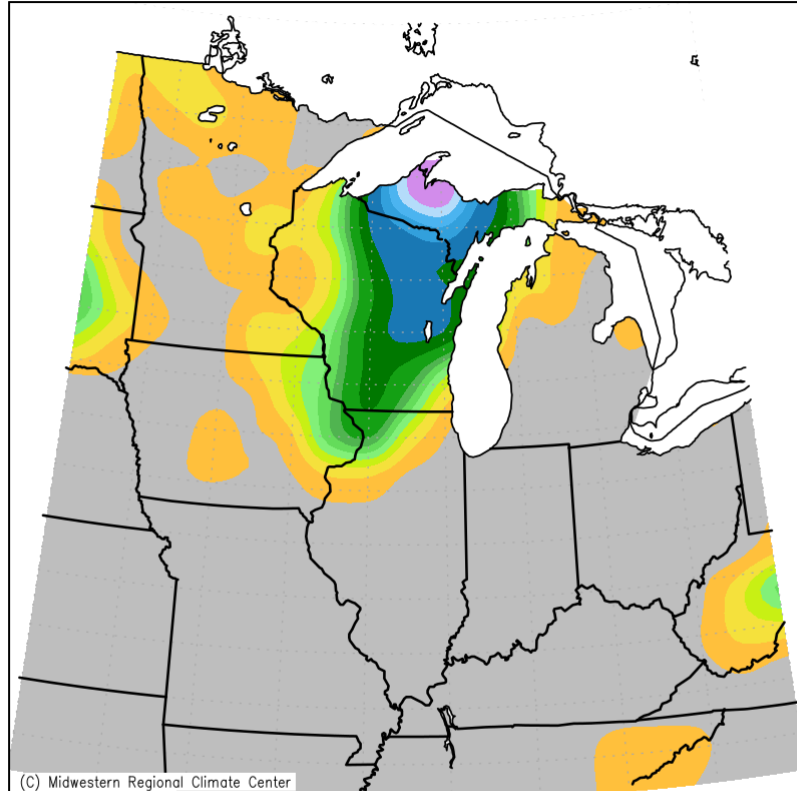
# April 2024 – Regional Snowfall Summary

Weather Forecast Office  
Detroit, MI



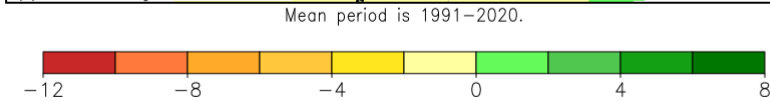
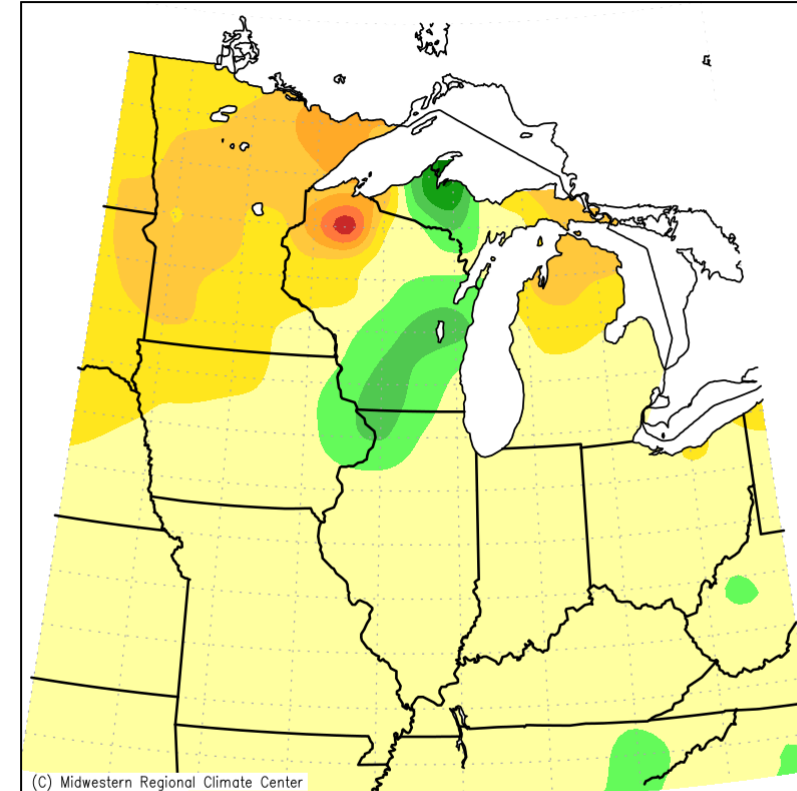
Total Monthly Snowfall (*left*) & Departure from Normal (*right*)

Accumulated Snowfall (in)  
April 1, 2024 to April 30, 2024



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 5/2/2024 12:39:41 PM EDT

Accumulated Snowfall (in): Departure from Mean  
April 1, 2024 to April 30, 2024



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
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# April 2024 – SE Michigan Snowfall Summary

Highest daily total, monthly total, and total number of days of measureable snow (in.)

Location	Highest Daily Total	Monthly Total	# of Days with Snow	Location	Highest Daily Total	Monthly Total	# of Days with Snow
ADRIAN 2 NNE	0.0	0.0	0	HARBOR BEACH 1 SSE	0.0	0.0	0
ALGONAC WWTP	0.0	0.0	0	LAPEER 2W	T	T	0
ANN ARBOR 7.1 W	0.0	0.0	0	LAPEER WWTP	0.0	0.0	0
ANN ARBOR SE	0.1	0.1	1	LINDEN WWTP	0.0	0.0	0
ANN ARBOR U OF MICH	0.3	0.3	1	LIVONIA 2.3 NNW	T	T	0
BAD AXE	0.5	0.5	1	MANCHESTER	0.0	0.0	0
BAY PORT 3.2 SSW	T	T	0	MIDLAND	0.0	0.0	0
BERKLEY 0.6 N	0.0	0.0	0	MIDLAND 1.5 NNE	0.0	0.0	0
BURTON 4N	0.0	0.0	0	MILLINGTON 3 SE	0.2	0.2	1
CASS CITY 1 SSW	0.0	0.0	0	OIL CITY 2S	0.1	0.1	1
CHELSEA	T	T	0	OTTAWA LAKE 1.4 SSW	T	T	0
CHELSEA 3.7 NNE	T	T	0	OWOSSO WWTP	0.0	0.0	0
CHESANING	0.0	0.0	0	PONTIAC WWTP	0.0	0.0	0
<b>DETROIT METRO AIRPORT</b>	<b>T</b>	<b>T</b>	<b>0</b>	PORT HURON	0.0	0.0	0
DURAND WWTP	0.0	0.0	0	PORT HURON 1.6 W	0.0	0.0	0
FARMINGTON	T	T	0	RICHMOND 4 NNW	0.2	0.2	1
FENTON 6.2 WSW	T	T	0	SAGINAW 8NW	T	T	0
FILION 5NNW	0.1	0.3	3	SAGINAW #3	0.0	0.0	0
FLINT 7W	T	T	0	<b>SAGINAW MBS INTL AP</b>	<b>T</b>	<b>T</b>	<b>0</b>
<b>FLINT FCWOS</b>	<b>T</b>	<b>T</b>	<b>0</b>	SALINE 3.8 SSW	0.0	0.0	0
FRANKENMUTH 1SE	T	T	0	WHITE LAKE 4E	T	T	0
GOODRICH	0.2	0.2	1	WYANDOTTE	0.1	0.1	1
GROSSE POINTE FARMS	0.0	0.0	0				

# April – Top 20 Snowiest/Least Snowy on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Snowiest/Snowless Aprils 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	25.7	1886	0.0	1946	17.3	1975	0.0	1931	14.4	1975	0.0	1954
2	9.1	1923	0.0	1954	9.0	1926	0.0	1955	11.3	1952	0.0	1978
3	9.0	1982	0.0	2002	8.7	1970	0.0	1940	9.5	1970	0.0	1986
4	9.0	1926	0.0	1890	8.2	1982	0.0	1948	9.2	2000	0.0	1994
5	8.0	1885	0.0	2010	8.0	2005	0.0	1996	8.4	2002	0.0	2010
6	7.4	2009	0.0	1915	7.9	2018	0.0	2012	7.3	1926	0.0	1946
7	6.8	1943	0.0	1955	7.1	1983	0.0	1925	7.1	1939	0.0	1931
8	6.2	1881	0.0	1963	7.0	1993	0.0	1933	6.6	1993	0.0	1955
9	6.0	1894	0.0	2019	6.8	2016	0.0	1941	6.3	1920	0.0	1987
10	5.1	1920	0.0	1892	5.8	1965	0.0	1981	6.0	1965	0.0	1940
11	5.0	2003	0.0	1948	5.8	1952	0.0	2021	6.0	2005	0.0	1948
12	4.9	2020	0.0	2004	5.6	1961	0.0	1934	6.0	1938	0.0	1988
13	4.9	1903	0.0	1882	5.0	2009	0.0	1958	5.7	1980	0.0	2012
14	4.7	1942	0.0	2012	4.9	2007	0.0	1998	5.5	2018	0.0	1925
15	4.6	1921	0.0	1901	4.9	2000	0.0	1967	4.9	2003	0.0	1941
16	4.3	2005	0.0	1917	4.8	1943	0.0	1991	4.8	1997	0.0	1957
17	4.2	1994	0.0	1925	4.5	1924	0.0	1999	4.6	1982	0.0	1981
18	4.2	1970	0.0	1933	4.4	1938	0.0	2023	4.3	1932	0.0	1989
19	4.1	2022	0.0	1941	4.0	1937	0.0	1928	4.2	1973	0.0	2021
20	4.0	1993	0.0	1981	3.6	2003	0.0	2024	3.8	1995	0.0	1942

\* Detroit Area snowfall records date back to January 1880.

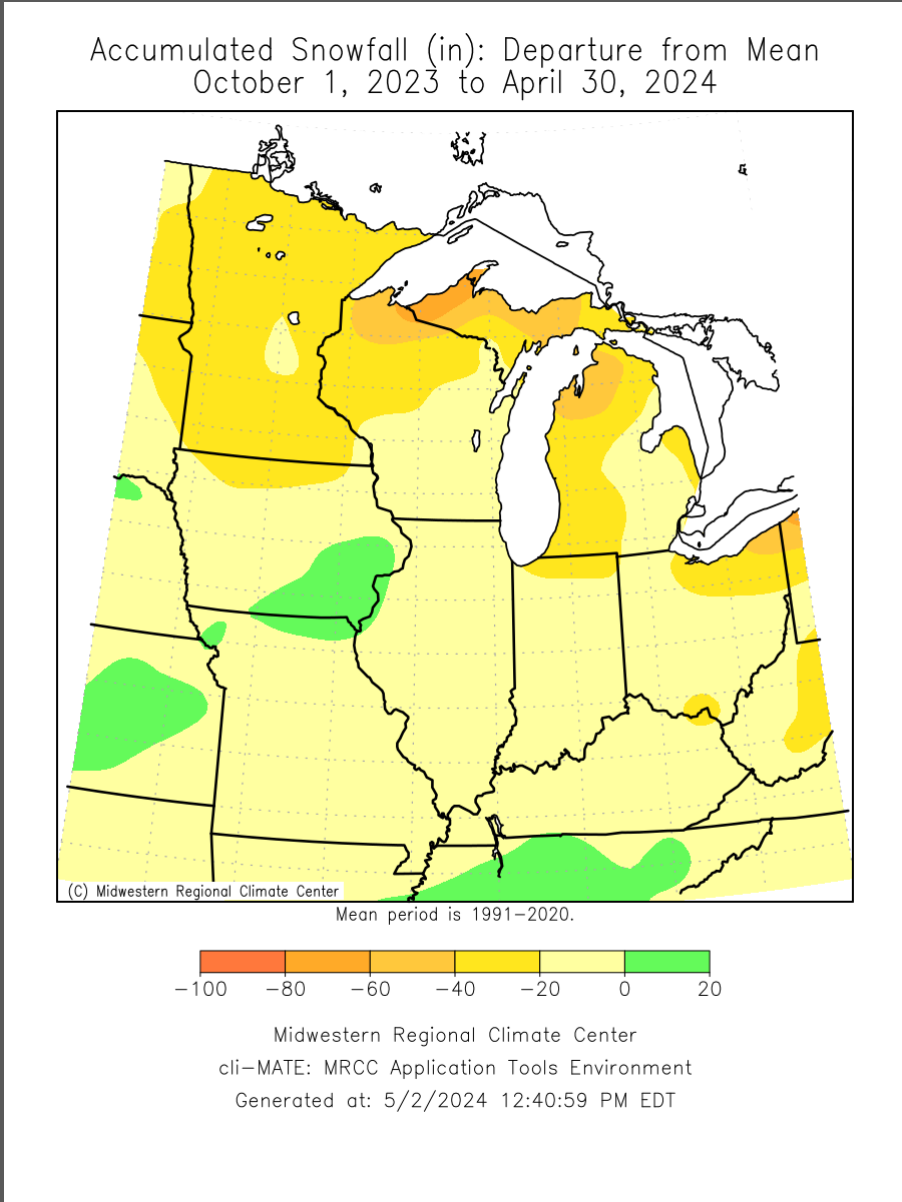
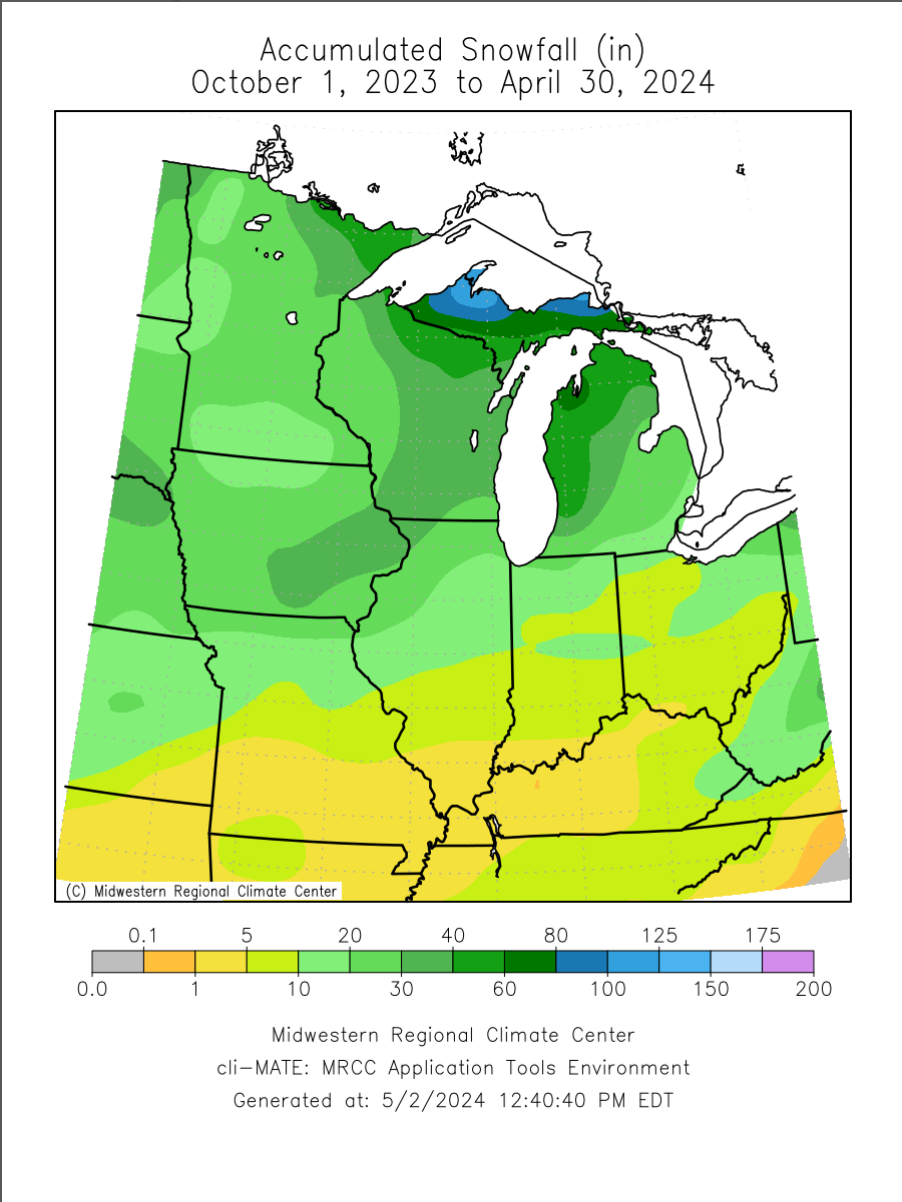
\*\* Flint Bishop snowfall records date back to January 1921.

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

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

All three sites received a trace of snow this April.

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



# April 2024 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office  
Detroit, MI



No Significant Events in April



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**

- ☑ Daily data for a month
- Daily almanac
- Monthly summarized data
- Calendar day summaries
- Daily/monthly normals
- Climatology for a day
- First/last dates
- Temperature graphs
- Accumulation graphs

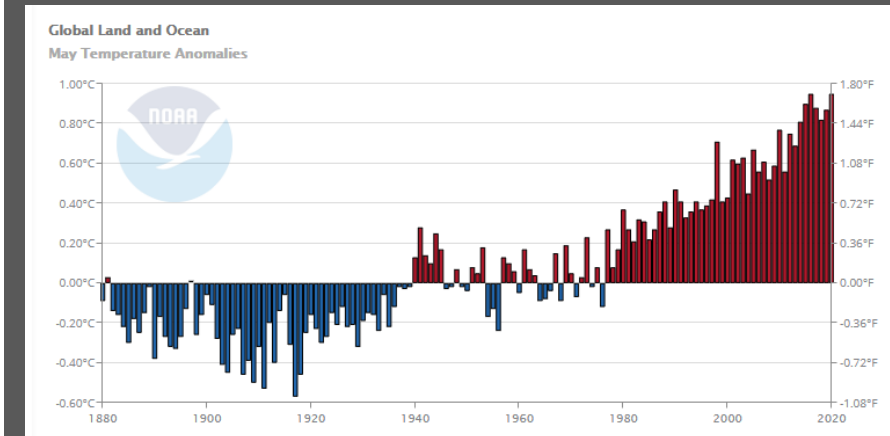
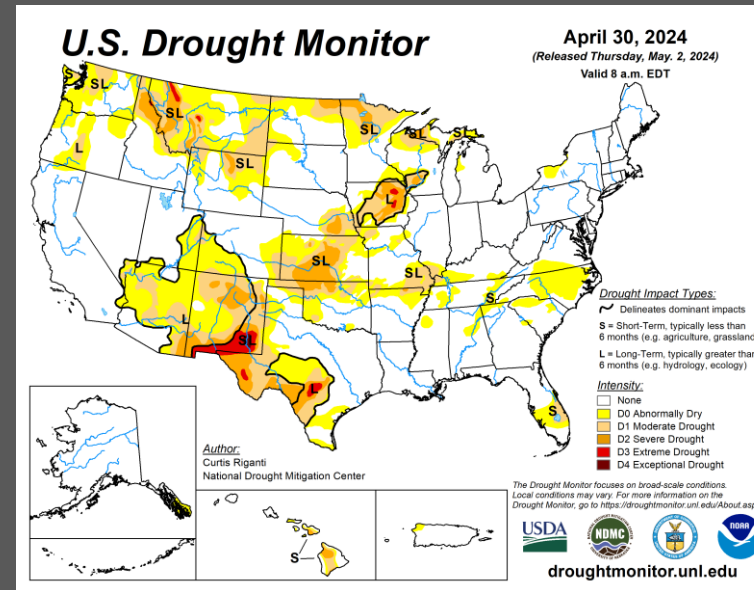
Date: 2021-08

**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.

**Common questions - Submit a question/comment -**

Powered by **CACIS**  
10/22 Regional Climate Centers

The Applied Climate Information System (ACIS) is a joint project of the Regional Climate Centers, the National Centers for Environmental Information (NCEI) and the National Weather Service. Official data and data for additional locations are available from the Regional Climate Centers and NCEI.



**SE Michigan Climate Products**  
[weather.gov/wrh/climate?wfo=dtx](https://weather.gov/wrh/climate?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**  
[ncei.noaa.gov/access/monitoring/climate-at-a-glance/](https://ncei.noaa.gov/access/monitoring/climate-at-a-glance/)

Thank you to our COOP and CoCoRaHS volunteer weather observers!