

# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office  
Detroit, MI



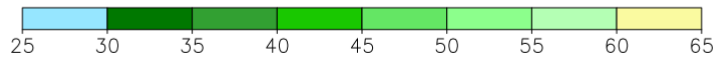
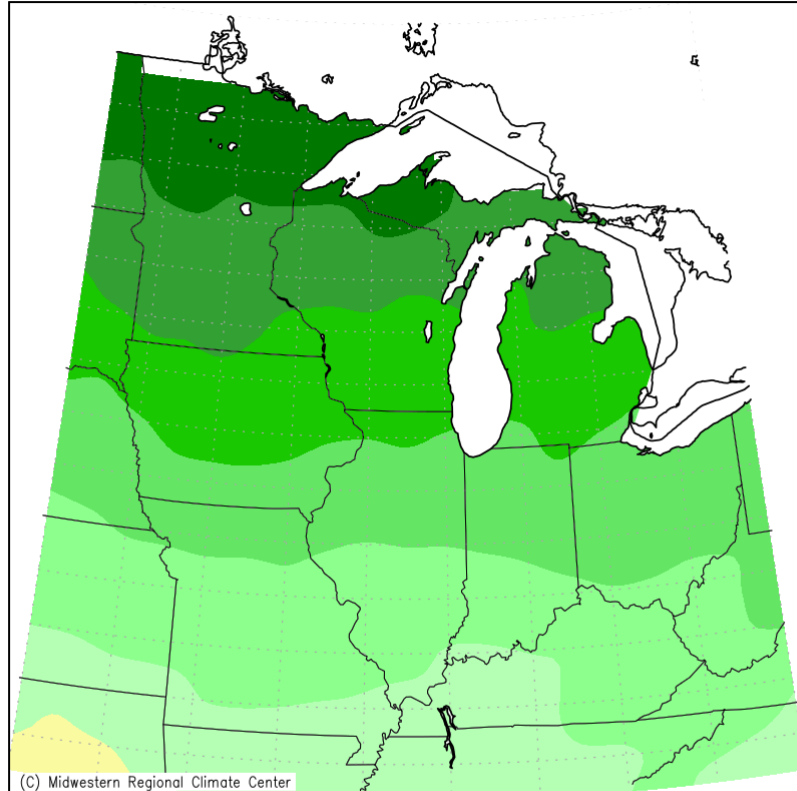
# April 2022 – Regional Temperature Summary

Weather Forecast Office  
Detroit, MI



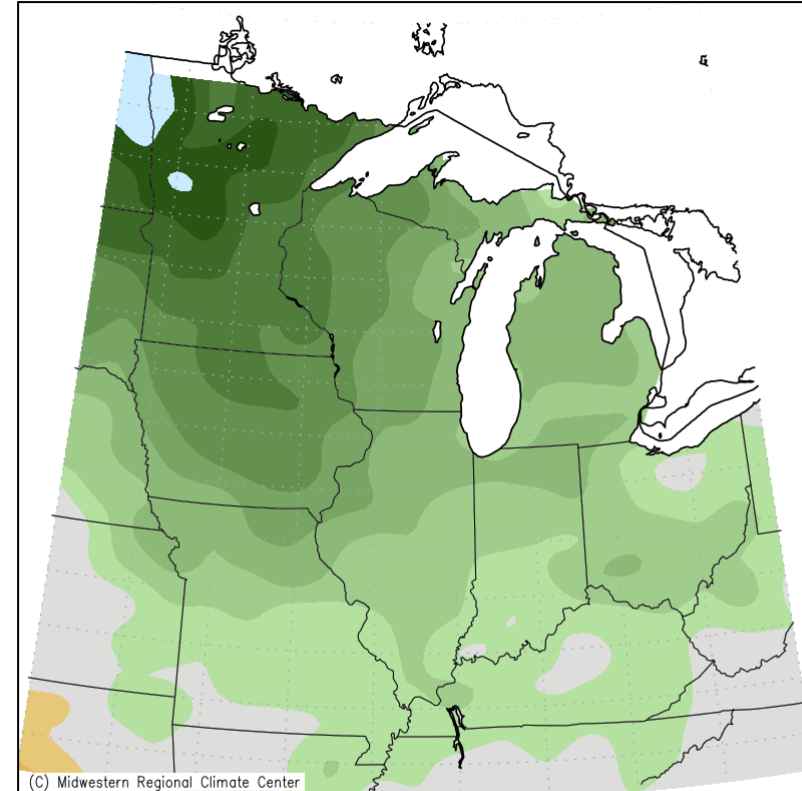
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)  
April 1, 2022 to April 30, 2022

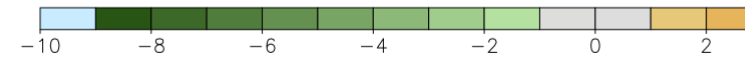


Midwestern Regional Climate Center  
Purdue University

Average Temperature (°F): Departure from Mean  
April 1, 2022 to April 30, 2022



Mean period is 1991–2020.



Midwestern Regional Climate Center  
Purdue University

# April 2022 – 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	84	22	55.1	36.0	45.5	GROSSE POINTE FARMS	85	27	52.3	35.6	43.7
ADRIAN LENAWEE CO AP	83	22	54.6	35.6	45.1	HARBOR BEACH 1 SSE	73	25	48.1	32.1	40.1
ALGONAC WWTP	82	22	54.5	33.5	44.0	LAPEER 2W	82	22	53.0	33.7	43.4
ANN ARBOR MUNICIPAL AP	82	19	54.3	33.1	43.7	LAPEER WWTP	83	23	53.7	32.5	43.3
ANN ARBOR SE	82	20	54.4	31.9	43.2	LEXINGTON WATER PLANT	81	23	49.3	32.0	40.6
ANN ARBOR U OF MICH	83	19	56.5	34.1	45.3	MANCHESTER	84	21	55.0	33.8	44.3
AUBURN 2NE	80	23	52.9	32.5	42.7	MORENCI	84	20	54.6	31.8	43.2
BAD AXE	82	22	50.6	31.3	41.0	OWOSSO WWTP	84	23	53.4	32.3	42.9
CARO WWTP	81	22	52.7	31.9	42.1	PONTIAC INTL AP	82	23	52.8	34.9	43.9
CASS CITY 1 SSW	82	22	51.5	31.1	41.3	PONTIAC WWTP	83	24	53.3	33.8	43.6
CHELSEA	83	20	54.2	35.5	44.9	PORT HOPE	82	26	49.0	34.5	41.7
DEARBORN	84	24	54.3	35.9	45.1	PORT HURON	79	27	51.9	37.3	44.6
DEARBORN NO. 2	82	29	55.6	38.1	46.8	RICHMOND 4 NNW	82	22	51.3	33.2	42.3
DETROIT CITY AP	85	27	55.6	38.4	47.0	SAGINAW #3	82	24	53.0	32.6	42.8
<b>DETROIT METRO AIRPORT</b>	<b>83</b>	<b>28</b>	<b>55.0</b>	<b>38.7</b>	<b>46.8</b>	<b>SAGINAW MBS INTL AP</b>	<b>82</b>	<b>25</b>	<b>52.9</b>	<b>34.0</b>	<b>43.5</b>
DETROIT WILLOW RUN AP	86	25	57.5	37.2	47.3	SALINE 4SW	84	22	54.5	33.3	43.9
DURAND WWTP	82	22	53.7	31.5	42.1	TECUMSEH	85	20	55.4	30.5	43.1
FARMINGTON	83	22	53.4	31.9	42.6	TIPTON 2WNW	82	22	53.5	31.2	42.4
FILION 5NNW	83	28	53.8	35.1	44.1	VASSAR	82	21	51.6	29.9	40.8
<b>FLINT FCWOS</b>	<b>82</b>	<b>22</b>	<b>53.6</b>	<b>34.6</b>	<b>44.1</b>	WHITE LAKE 4E	83	18	53.0	33.2	43.1
GOODRICH	81	23	52.9	32.7	42.8	WHITMORE LAKE 1NW	81	24	52.8	33.5	43.1

# 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	1921	41.3	1943	51.6	2010	40.0	1943	51.6	1915
6	41.0	1920	52.9	1942	41.5	1926	51.5	1925	40.2	1944	50.9	1977
7	41.2	1904	52.6	1941	41.6	1961	51.4	2017	41.1	1940	50.8	2017
8	41.5	1950	52.4	1977	42.4	1996	51.0	2008	41.2	1965	50.7	1941
9	42.3	1936	52.2	2006	42.4	1972	50.4	1942	41.3	1982	49.9	1968
10	42.4	1943	52.2	1915	42.5	1953	50.2	1991	41.4	1978	49.6	1942
11	42.8	1940	52.0	1991	42.6	1995	50.2	1948	41.4	1975	49.3	1976
12	42.9	1944	51.8	2008	42.7	1947	49.9	2004	41.5	1917	49.1	2008
13	43.0	2018	51.3	1925	42.8	1965	49.9	1987	41.6	1953	48.9	2006
14	43.2	1982	51.3	1896	42.9	1997	49.5	1977	41.7	1936	48.9	2021
15	43.2	1888	51.2	1994	43.2	1982	49.4	1986	41.8	1983	48.9	1991
16	43.4	1909	51.2	1948	43.2	1956	49.2	2021	41.8	1972	48.8	1929
17	43.5	1961	51.1	2001	43.3	1971	49.1	1929	41.9	1996	48.7	1969
18	43.6	1917	51.1	1886	43.3	1932	48.8	1968	42.0	1956	48.7	1938
19	43.7	1928	51.0	1985	43.4	1966	48.5	2001	42.1	1947	48.5	1986
20	43.7	1876	50.9	1968	43.5	1936	48.4	1990	42.3	1995	48.5	1948

\* 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.

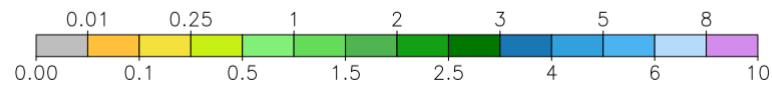
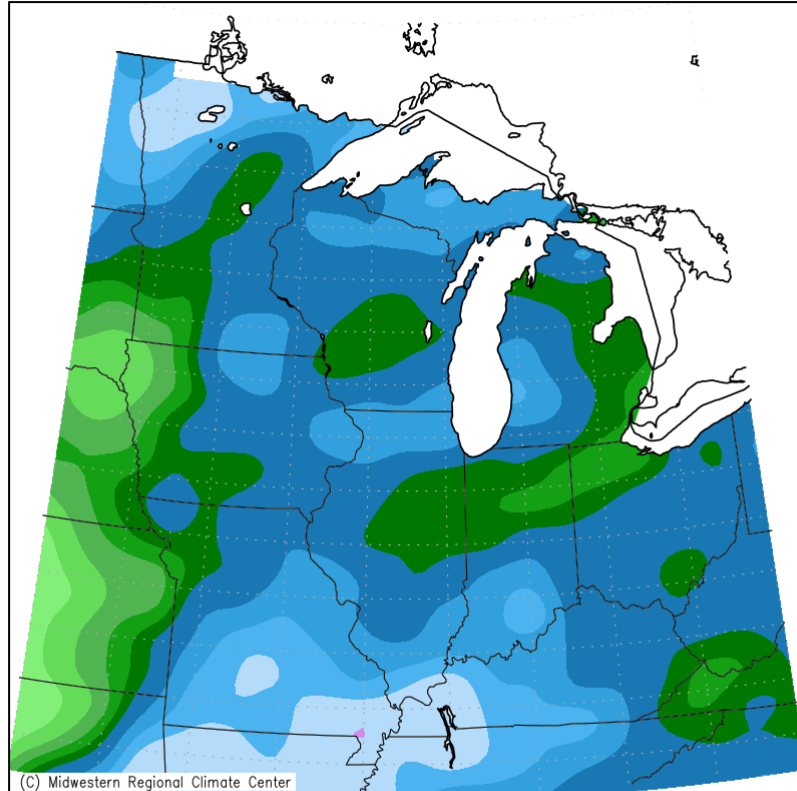
# April 2022 – Regional Precipitation Summary

Weather Forecast Office  
Detroit, MI



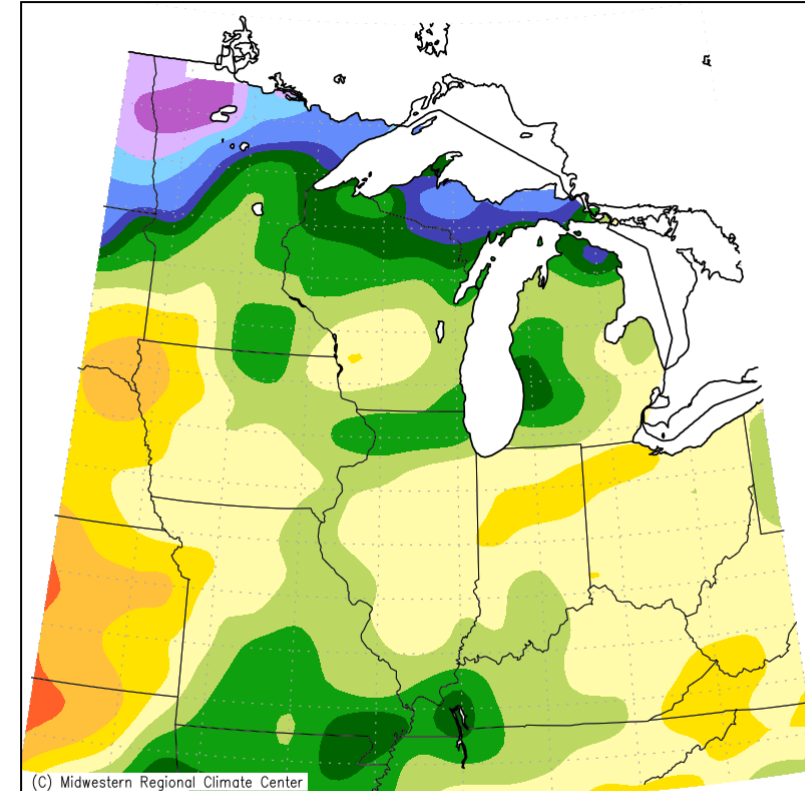
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)  
April 1, 2022 to April 30, 2022

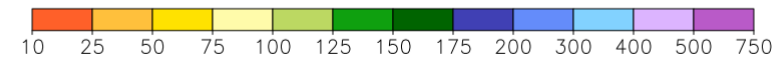


Midwestern Regional Climate Center  
Purdue University

Accumulated Precipitation: Percent of Mean  
April 1, 2022 to April 30, 2022



Mean period is 1991–2020.



Midwestern Regional Climate Center  
Purdue University

# April 2022 – 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
ADRIAN 2 NNE	0.39	2.58	15	LINDEN WWTP	0.32	2.07	18
ADRIAN LENAWEE CO AP	0.30	2.01	17	MANCHESTER	0.71	2.50	12
ANN ARBOR MNPL AP	0.71	2.84	16	MILLINGTON 3 SE	0.60	2.72	14
ANN ARBOR SE	1.11	3.19	16	MORENCI	0.29	1.88	15
ANN ARBOR U OF MICH	1.21	3.77	19	OWOSSO WWTP	0.66	3.18	14
BAD AXE	0.62	2.99	16	PONTIAC INTL AP	0.33	2.05	16
CASS CITY 1 SSW	0.57	2.99	16	PONTIAC WWTP	0.38	2.11	12
CHELSEA	1.72	3.82	17	PORT HOPE	0.61	2.45	20
DEARBORN	1.13	3.14	15	RICHMOND 4 NNW	0.38	2.09	10
DEARBORN NO. 2	0.72	2.62	12	ROSEVILLE	0.40	1.93	13
DETROIT CITY AP	0.32	1.79	13	SAGINAW 8NW	0.69	2.13	13
<b>DETROIT METRO AIRPORT</b>	<b>0.71</b>	<b>2.75</b>	<b>15</b>	SAGINAW #3	0.57	2.41	15
DETROIT WILLOW RUN AP	0.69	2.85	16	<b>SAGINAW MBS INTL AP</b>	<b>0.60</b>	<b>2.00</b>	<b>16</b>
DURAND WWTP	0.48	2.66	10	SALINE 4SW	0.62	2.85	19
FARMINGTON	0.56	2.75	12	TIPTON 2WNW	0.60	2.66	15
<b>FLINT FCWOS</b>	<b>0.44</b>	<b>1.99</b>	<b>15</b>	WHITE LAKE 4E	0.34	2.31	15
GOODRICH	0.79	2.36	15	WHITMORE LAKE 1NW	1.10	3.03	12
LAPEER 2W	0.53	2.39	14	WYANDOTTE	0.72	2.68	13
LAPEER WWTP	0.42	2.03	12				

# 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.

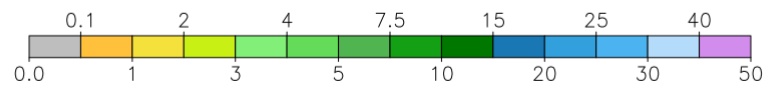
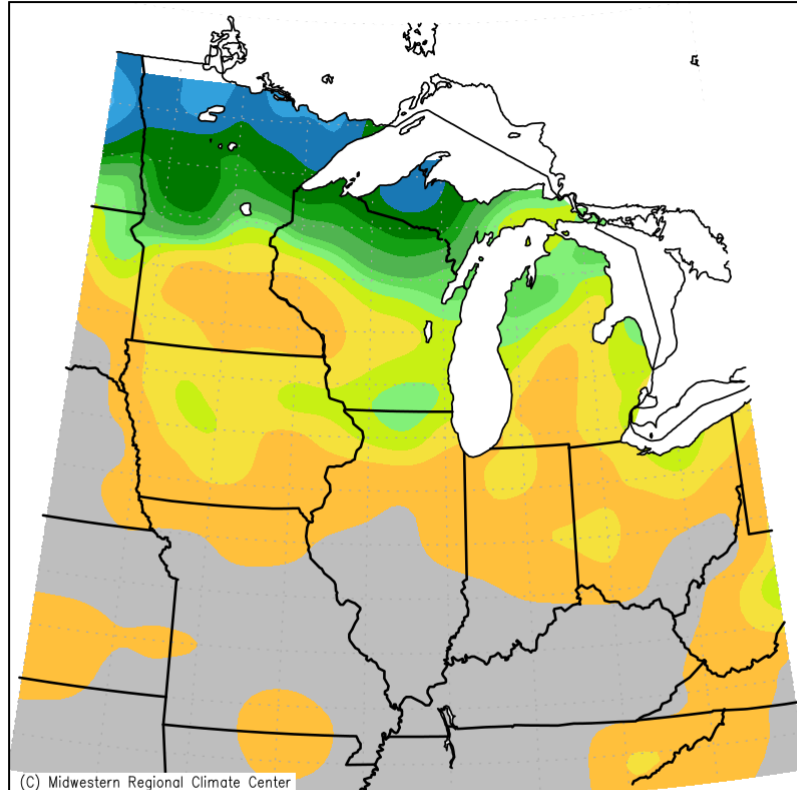
# April 2022 – Regional Snowfall Summary

Weather Forecast Office  
Detroit, MI



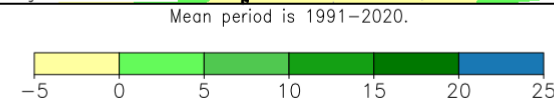
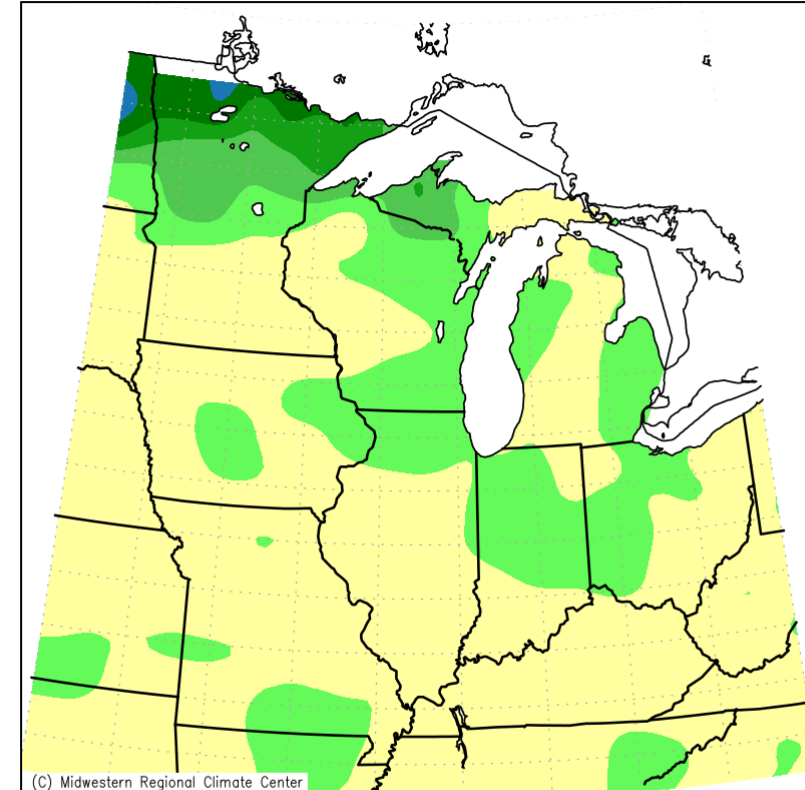
Total Monthly Snowfall (*left*) & Departure from Normal (*right*)

Accumulated Snowfall (in)  
April 1, 2022 to April 30, 2022



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 5/2/2022 0:26:12 AM CDT

Accumulated Snowfall (in): Departure from Mean  
April 1, 2022 to April 30, 2022



Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 5/2/2022 0:25:34 AM CDT



# April 2022 – SE Michigan Snowfall Summary

Weather Forecast Office  
Detroit, MI



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	2.0	2.0	1	HARBOR BEACH 1 SSE	1.4	4.3	5
ALGONAC WWTP	1.0	1.0	1	LAPEER 2W	3.1	4.2	4
ANN ARBOR 2.1 WNW	1.5	2.2	3	LAPEER WWTP	1.0	1.0	1
ANN ARBOR SE	2.0	4.4	4	LINDEN WWTP	1.3	1.3	1
ANN ARBOR U OF MICH	2.1	5.3	5	MIDLAND 1.5 NNE	0.7	0.7	1
AUBURN 2NE	0.2	0.6	3	MILLINGTON 3 SE	2.0	4.4	4
BAD AXE	2.7	6.1	5	MORENCI	0.9	0.9	1
BAY PORT 3.2 SSW	2.0	2.9	3	NEW BALTIMORE 0.4 SSE	1.0	1.0	1
BURTON 4N	1.7	2.2	2	OIL CITY 2S	T	T	0
CANTON 2.7 N	1.6	1.6	1	OTTAWA LAKE 1.4 SSW	1.0	1.0	1
CASS CITY 1 SSW	3.0	3.4	2	OWOSSO WWTP	2.3	2.3	1
CHELSEA	T	T	0	PONTIAC WWTP	1.0	1.0	1
CHELSEA 3.7 NNE	2.7	3.9	2	PORT HURON	1.2	1.2	1
DEARBORN	4.5	5.5	2	PORT HURON 1.6 W	1.4	1.4	1
<b>DETROIT METRO AIRPORT</b>	<b>2.3</b>	<b>4.1</b>	<b>3</b>	RICHMOND 4 NNW	3.2	3.2	1
DEXTER 0.3 ENE	T	T	0	ROSEVILLE	T	T	0
DURAND WWTP	T	T	0	SAGINAW 8NW	0.4	0.4	1
FARMINGTON	1.0	1.0	1	SAGINAW #3	0.2	0.2	1
FENTON 6.2 WSW	2.0	2.0	1	<b>SAGINAW MBS INTL AP</b>	<b>0.4</b>	<b>0.6</b>	<b>2</b>
FILION 5NNW	1.5	4.7	7	SALINE 3.8 SSW	1.0	1.3	2
FLINT 7W	1.3	1.8	2	SALINE 4SW	0.5	0.8	2
<b>FLINT FCWOS</b>	<b>1.1</b>	<b>1.8</b>	<b>4</b>	SHELBY 0.4 SSE	2.3	2.3	1
GOODRICH	2.8	3.1	3	WHITE LAKE 4E	2.3	3.1	3
GROSSE POINTE FARMS	0.2	0.2	1	WYANDOTTE	2.4	4.4	2

# 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	1928	4.3	1932	0.0	1989
19	4.1	2022	0.0	1941	4.0	1937	0.0	1929	4.2	1973	0.0	2021
20	4.0	1993	0.0	1981	3.6	2003	0.0	1945	3.8	1995	0.0	1942

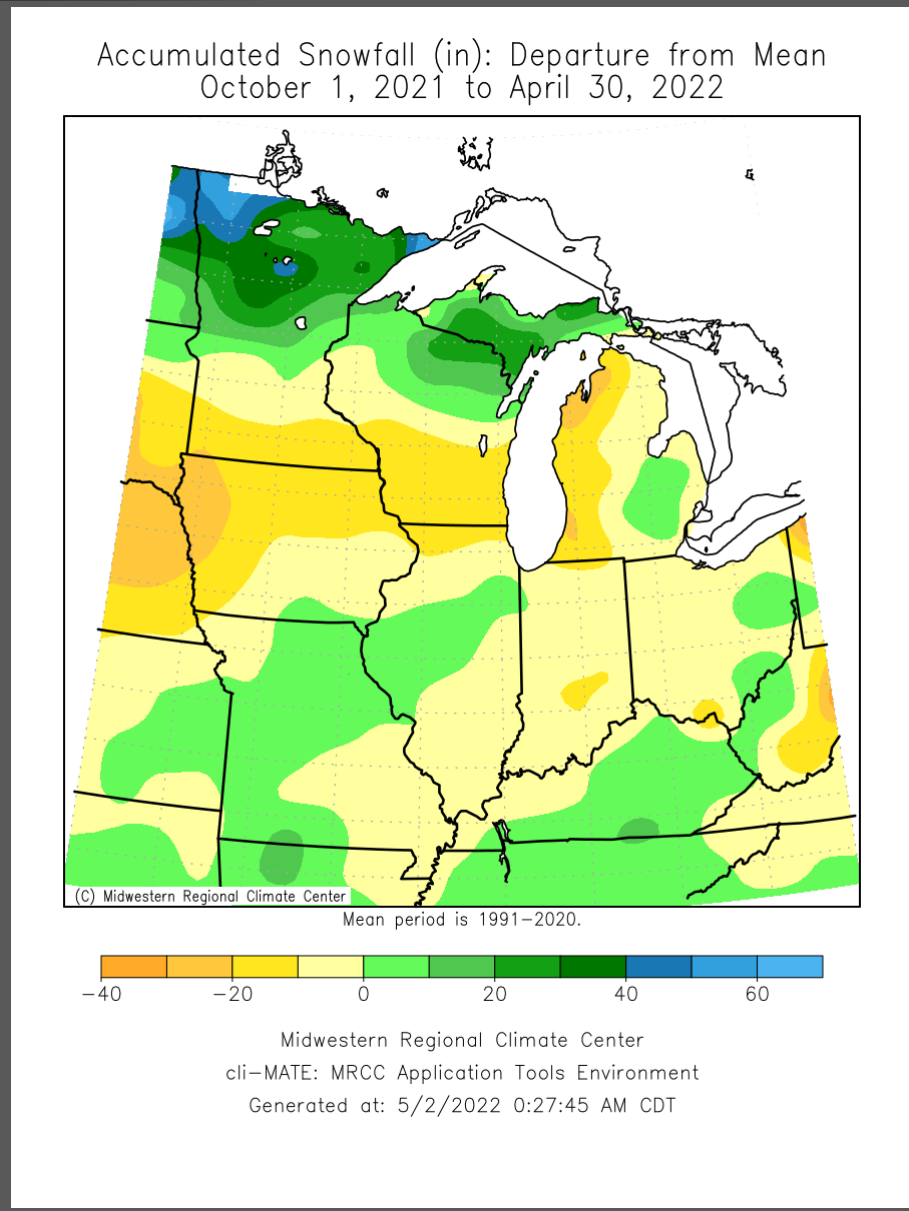
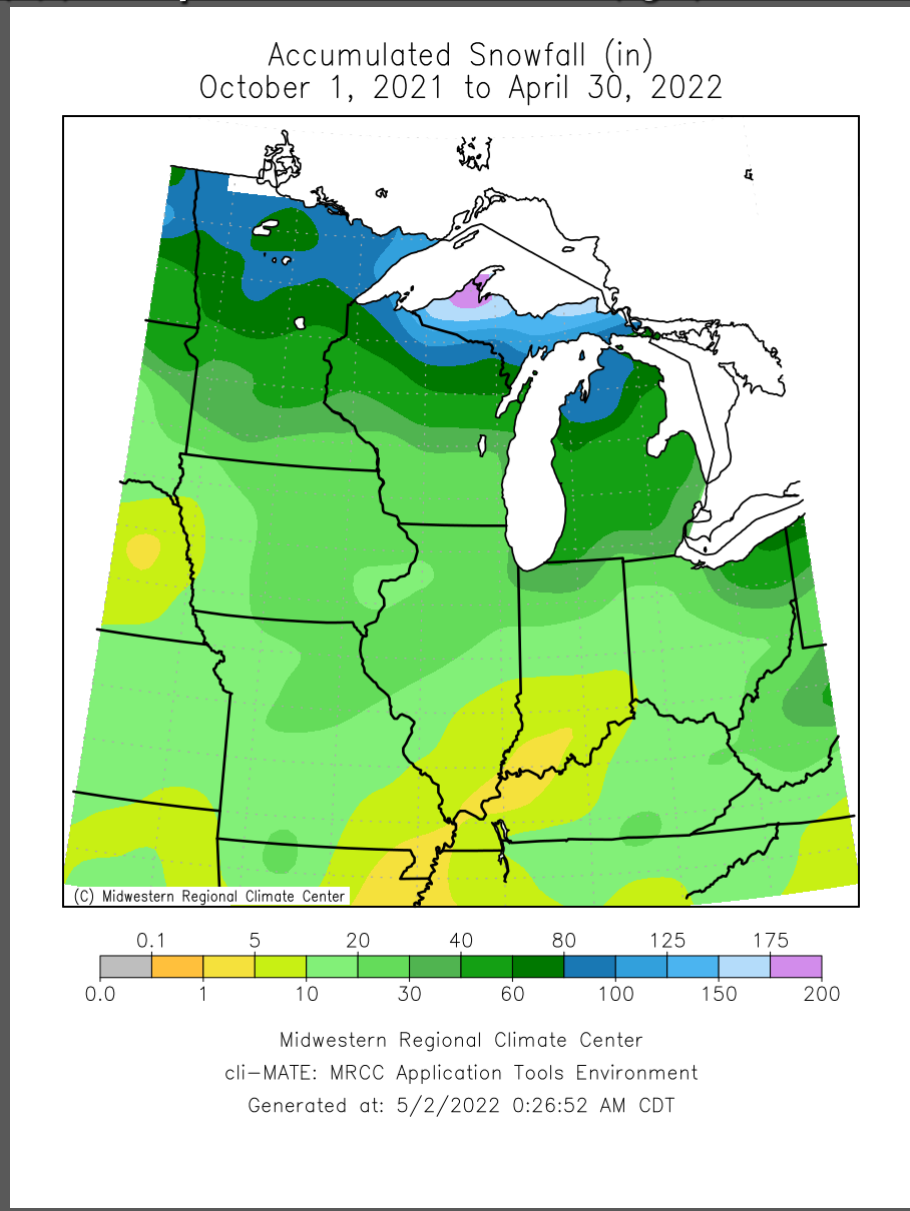
\* Detroit Area snowfall records date back to January 1880.

\*\* 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

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



# April 2022 – Significant Weather Events

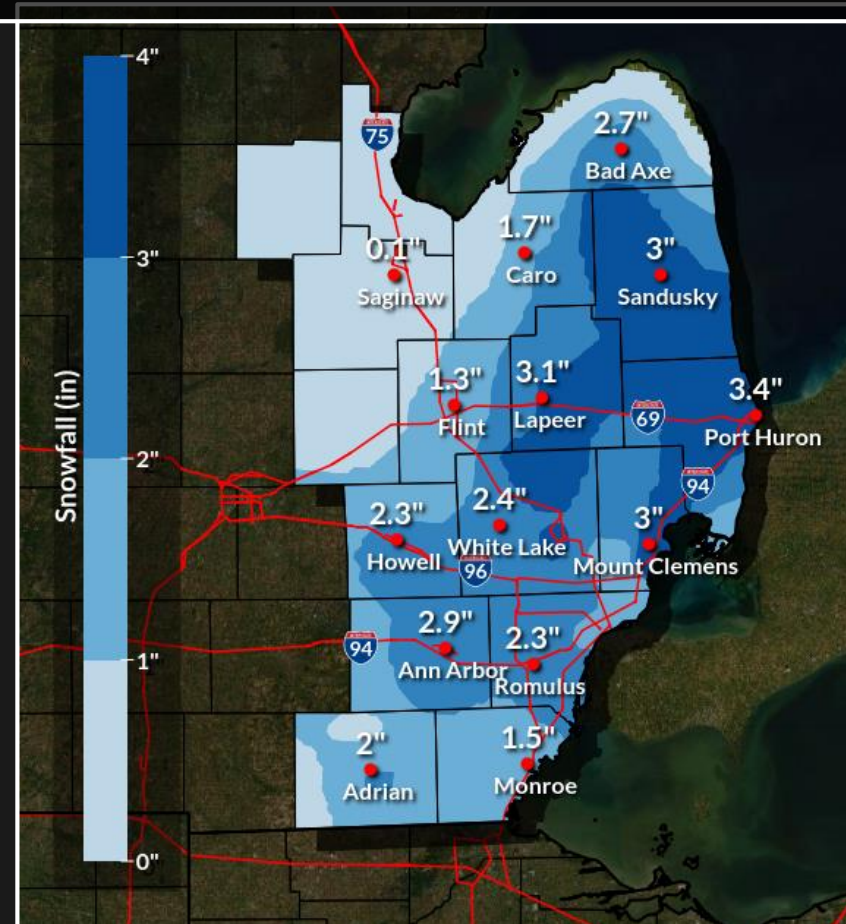
Weather Forecast Office  
Detroit, MI



Follow links for web summaries

## April 18 Snowfall

[weather.gov/dtx/Winter-Weather-Advisory-Snowfall-2022-04-18](https://weather.gov/dtx/Winter-Weather-Advisory-Snowfall-2022-04-18)





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 Wwtp, MI
- Chelsea, MI
- Detroit City Ap, MI
- Detroit Metropol, MI

**Product**

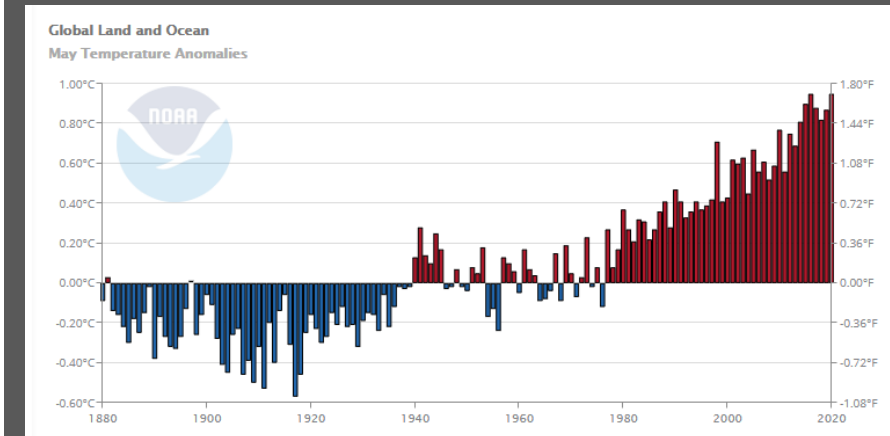
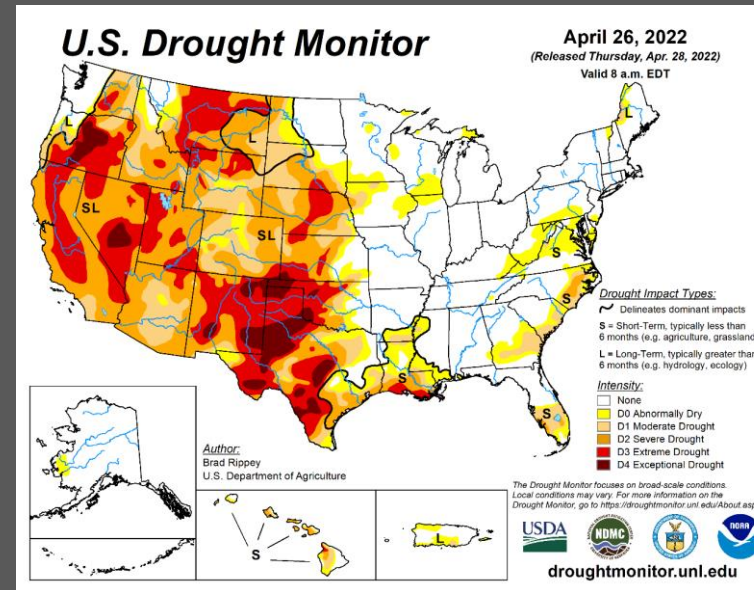
- Daily data for a month
- Daily almanac
- Monthly summarized data
- Calendar day summaries
- Daily/monthly normals
- Climatology for a day
- First/last dates
- Temperature graphs
- Accumulation graphs

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.

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

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

Thank you to our COOP and CoCoRaHS volunteer weather observers!