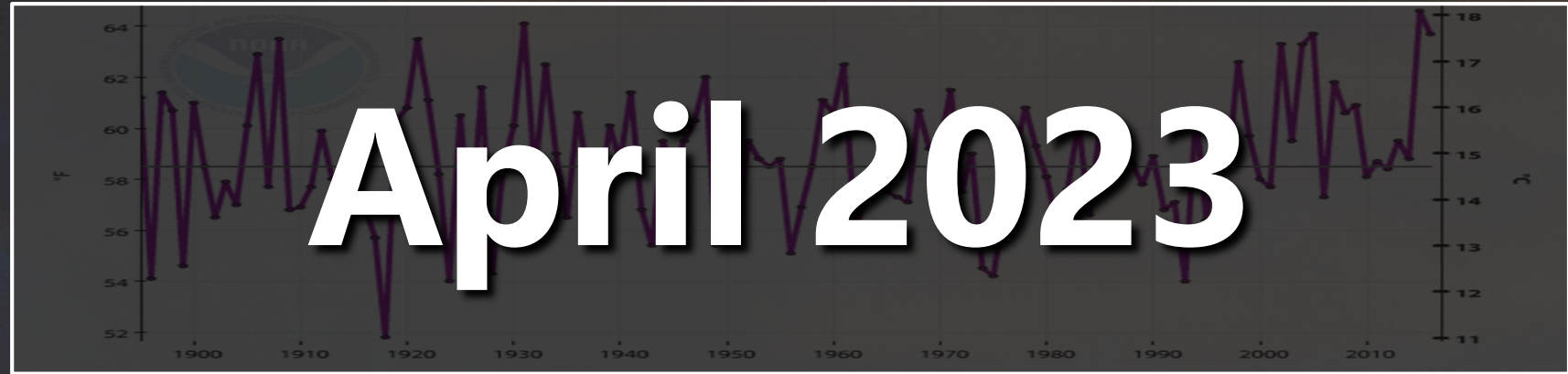


Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



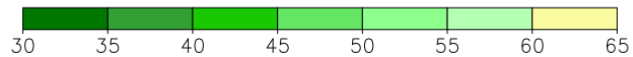
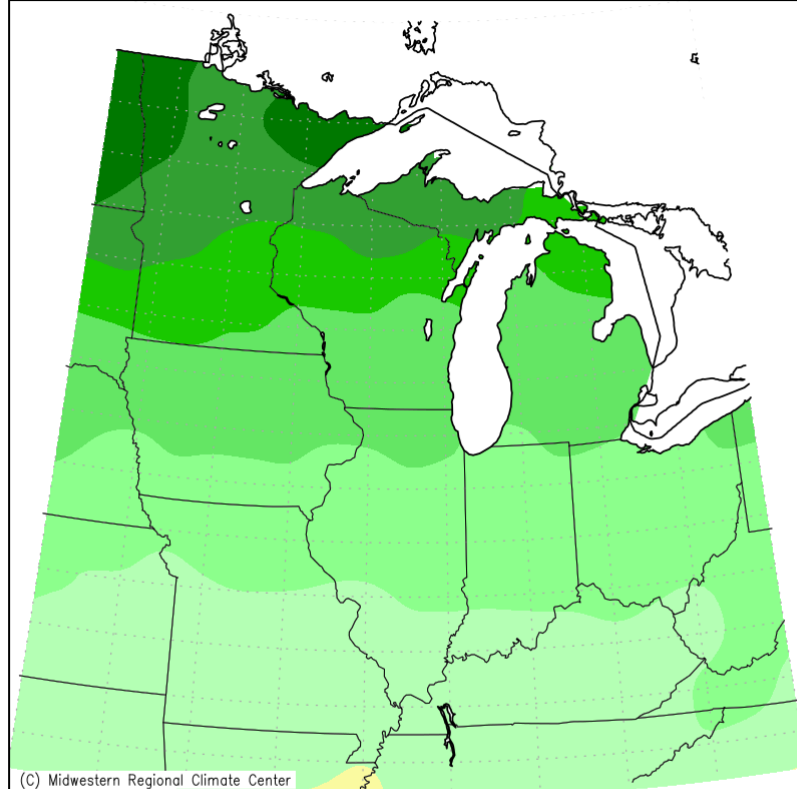
April 2023 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



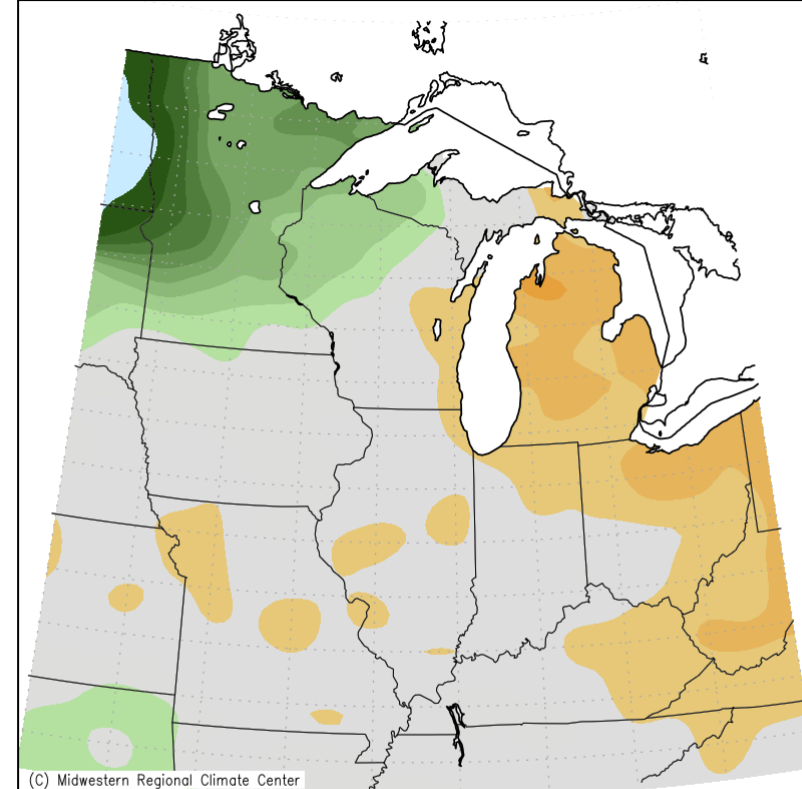
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)
April 1, 2023 to April 30, 2023

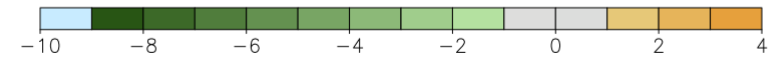


Midwestern Regional Climate Center
Purdue University


Average Temperature (°F): Departure from Mean
April 1, 2023 to April 30, 2023



Mean period is 1991–2020.



Midwestern Regional Climate Center
Purdue University

April 2023 – 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	83	26	60.8	37.5	49.2	FLINT FCWOS	84	22	60.4	37.4	48.9
ADRIAN LENAWEE COUNTY AP	84	29	61.2	38.2	49.7	GOODRICH	85	24	58.5	36.4	47.4
ALGONAC WWTP	84	20	60.3	36.2	48.3	GROSSE POINTE FARMS	87	27	58.6	39.3	49.0
ANN ARBOR MUNICIPAL AP	83	23	60.6	34.1	47.4	HARBOR BEACH 1 SSE	84	27	53.8	37.0	45.4
ANN ARBOR SE	84	23	61.2	34.8	48.0	LAPEER 2W	87	23	59.1	37.6	48.3
ANN ARBOR U OF MICH	84	22	62.2	35.8	49.0	LAPEER WWTP	87	24	59.1	37.0	48.0
BAD AXE	84	22	56.9	36.2	46.5	LINDEN WWTP	82	22	59.3	35.4	47.3
BURTON 4N	85	22	59.6	35.3	47.4	MANCHESTER	85	25	60.9	36.3	48.6
CARO WWTP	85	23	58.4	36.4	47.4	MIDLAND	82	18	54.4	35.3	44.9
CASS CITY 1 SSW	83	23	58.1	35.6	46.9	MORENCI	85	26	61.6	34.2	47.9
CHELSEA	85	23	60.7	37.4	48.9	OIL CITY 2S	85	21	58.9	33.9	46.7
DEARBORN	84	27	61.7	39.0	50.3	OWOSSO WWTP	84	23	59.4	36.6	48.0
DEARBORN NO. 2	84	31	61.5	41.3	51.4	PONTIAC INTL AP	82	23	59.3	37.6	48.4
DETROIT CITY AP	85	28	62.0	41.8	51.9	PORT HOPE	85	28	54.7	39.6	47.1
DETROIT METRO AIRPORT	83	28	61.0	39.5	50.2	PORT HURON	84	29	58.1	41.1	49.6
DETROIT WILLOW RUN AP	84	25	61.2	37.1	49.1	RICHMOND 4 NNW	85	25	57.7	36.6	47.2
DUNDEE	85	27	61.1	37.1	49.1	SAGINAW #3	86	23	59.4	36.6	47.9
DURAND WWTP	83	22	60.1	36.4	48.4	SAGINAW MBS INTL AP	84	24	58.8	38.2	48.5
FARMINGTON	84	24	60.1	35.4	47.7	SALINE 4SW	86	24	61.3	36.5	48.9
FILION 5NNW	84	28	58.5	39.0	48.8	WHITE LAKE 4E	84	20	60.3	36.0	48.1
FLINT 7W	82	23	58.4	37.1	47.8	WHITMORE LAKE 1NW	85	24	60.9	36.3	48.4

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	48.9	2023	42.0	1956	48.7	1938
19	43.7	1928	51.0	1985	43.4	1966	48.8	1968	42.1	1947	48.5	2023
20	43.7	1876	50.9	1968	43.5	1936	48.5	2001	42.3	1995	48.5	1986

* 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.

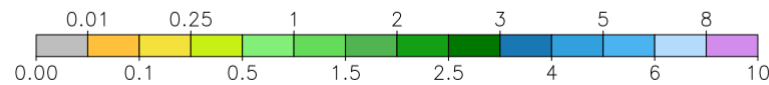
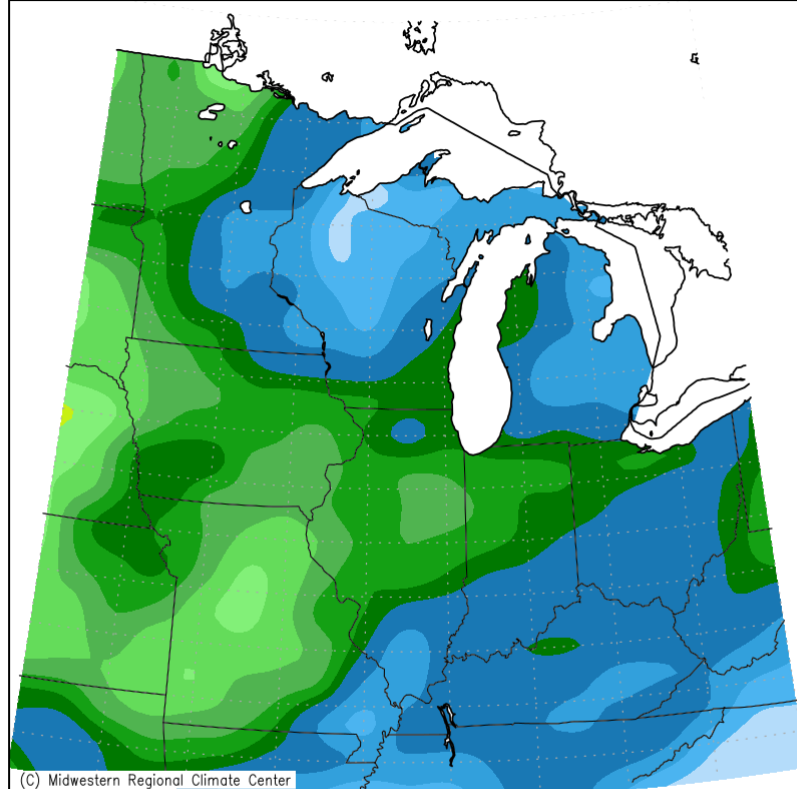
April 2023 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



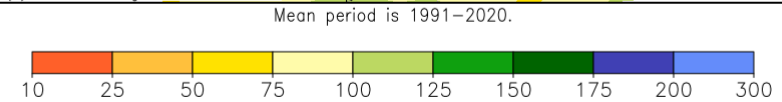
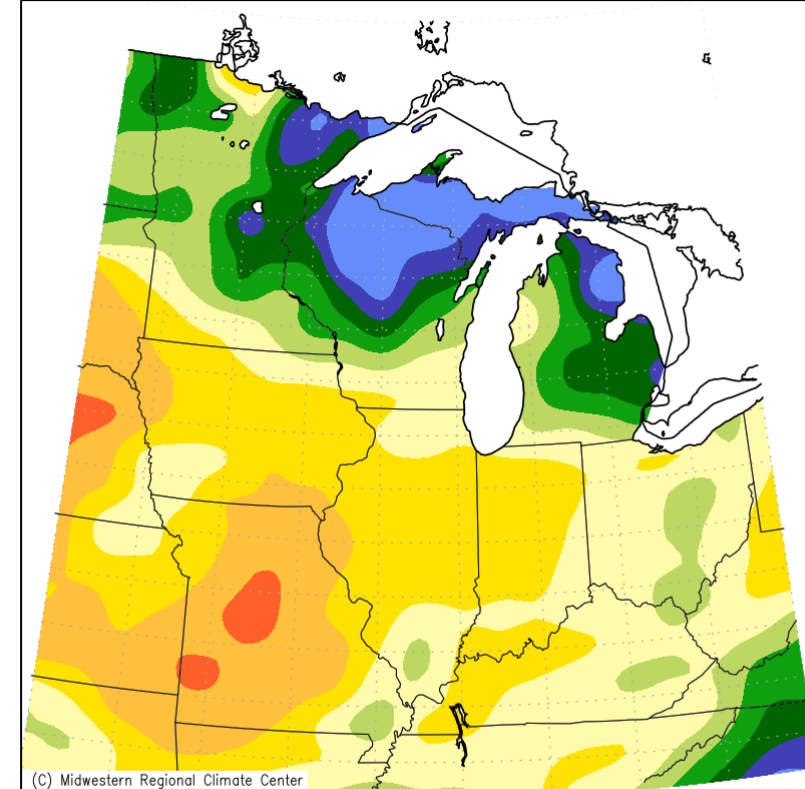
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)
April 1, 2023 to April 30, 2023




Midwestern Regional Climate Center
Purdue University

Accumulated Precipitation: Percent of Mean
April 1, 2023 to April 30, 2023



Midwestern Regional Climate Center
Purdue University

April 2023 – 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	0.73	2.88	14	DETROIT CITY AP	0.95	3.79	13	MIDLAND	1.26	3.50	14
ADRIAN LENAWEE CO AP	0.59	2.33	12	DETROIT METRO AIRPORT	0.79	2.88	13	MIDLAND 1.5 NNE	1.72	4.37	12
ALGONAC WWTP	1.93	6.42	14	DETROIT WILLOW RUN AP	0.57	2.38	13	MILLINGTON 3 SE	0.72	2.54	8
ANN ARBOR MNCPL AP	0.53	2.17	13	DEXTER 2.2 SE	1.16	3.43	14	MONROE 3.0 S	0.83	2.39	10
ANN ARBOR SE	0.96	3.31	14	DUNDEE	1.20	4.08	14	MONROE 5.9 NW	0.84	2.94	14
ANN ARBOR U OF MICH	0.85	3.11	17	DURAND WWTP	1.61	5.58	14	NORTHVILLE 3.4 SE	1.03	3.35	13
BAD AXE	1.33	5.19	16	EASTPOINTE 1.2 SSW	1.66	5.13	15	ORTONVILLE 2.3 S	1.74	5.24	14
BAD AXE 6.3 SSW	0.85	4.15	11	FARMINGTON	1.27	4.45	13	OTTAWA LAKE 1.4 SSW	0.94	2.33	9
BAY PORT 3.2 SSW	0.93	3.85	13	FENTON 2.7 SSE	1.72	5.42	15	OWOSSO WWTP	1.42	5.19	15
BERKLEY 0.6 N	1.30	4.15	14	FENTON 6.2 WSW	1.34	5.03	13	PONTIAC INTL AP	0.64	3.62	14
BLOOMFIELD TWP 3.1 SW	1.37	4.12	11	FLINT 7W	1.59	5.52	12	PORT HOPE	1.54	4.05	11
BURTON 4N	1.79	5.34	12	FLINT FCWOS	0.82	3.61	14	PORT HURON	0.94	4.70	11
CARO WWTP	1.17	5.04	14	FRANKENMUTH 1SE	1.12	4.47	11	PORT HURON 1.6 W	1.32	4.82	11
CASS CITY 1 SSW	0.96	3.18	12	GOODRICH	1.59	4.79	14	RICHMOND 4 NNW	1.69	5.88	13
CHELSEA	0.89	2.80	12	GROSSE POINTE FARMS	1.50	5.86	11	ROSEVILLE 1.7 ENE	1.71	5.35	15
CHELSEA 3.7 NNE	1.20	3.36	12	HARBOR BEACH 1 SSE	1.07	4.45	13	SAGINAW 6.4 W	1.37	3.73	14
CHESANING	1.48	5.23	13	HIGHLAND 1.3 NE	1.46	4.75	13	SAGINAW 8NW	1.31	3.90	13
CHESTERFIELD 2.4 E	1.61	5.55	16	HOWELL 3.7 WSW	1.65	5.14	14	SAGINAW MBS INTL AP	1.06	2.84	13
CLAWSON 0.5 S	1.34	4.31	14	LAPEER 2W	1.61	5.46	13	SALINE 4SW	1.04	3.24	14
DAVISBURG 1.3 ESE	1.65	5.20	12	LAPEER WWTP	2.16	6.95	13	SHELBY 0.4 SSE	1.75	5.72	12
DAVISON 5.2 N	0.98	3.40	12	LIVONIA 2.0 NE	1.32	4.10	13	SOUTH LYON 2.6 SW	1.31	4.43	13
DEARBORN	1.24	4.19	15	LIVONIA 2.3 NNW	1.25	3.62	14	ST CHARLES 5.0 W	1.29	4.21	13
DEARBORN HEIGHTS 1.8 NW	1.14	3.00	13	MANCHESTER	1.00	3.19	12	STERLING HGHTS 2.2 NNE	1.42	5.29	13
DEARBORN NO. 2	1.23	3.91	13					WHITE LAKE 4E	0.71	4.20	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.

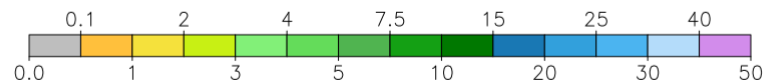
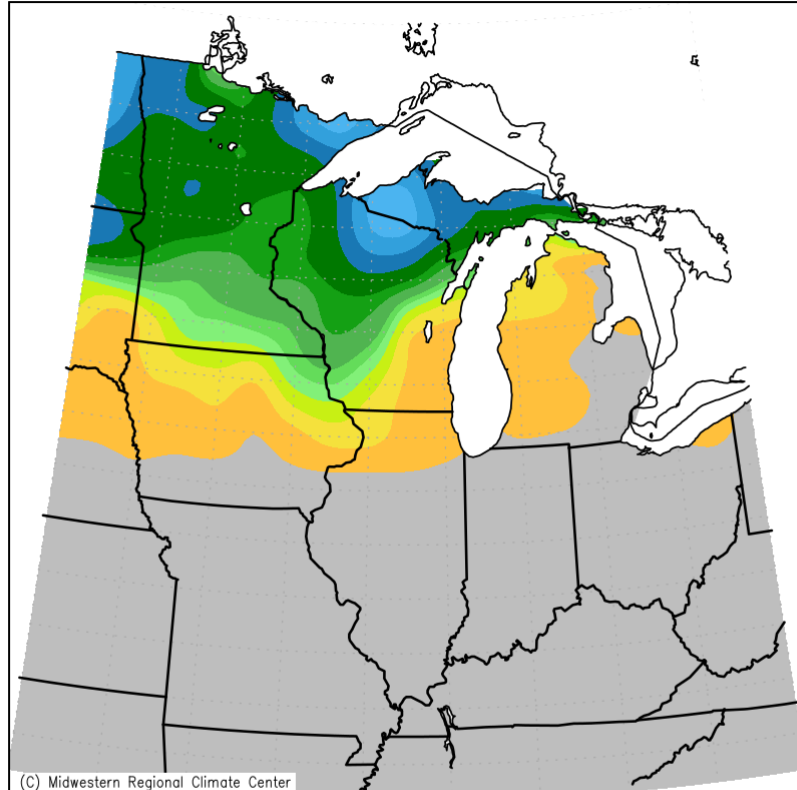
April 2023 – Regional Snowfall Summary

Weather Forecast Office
Detroit, MI



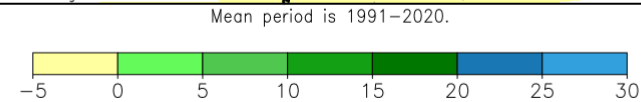
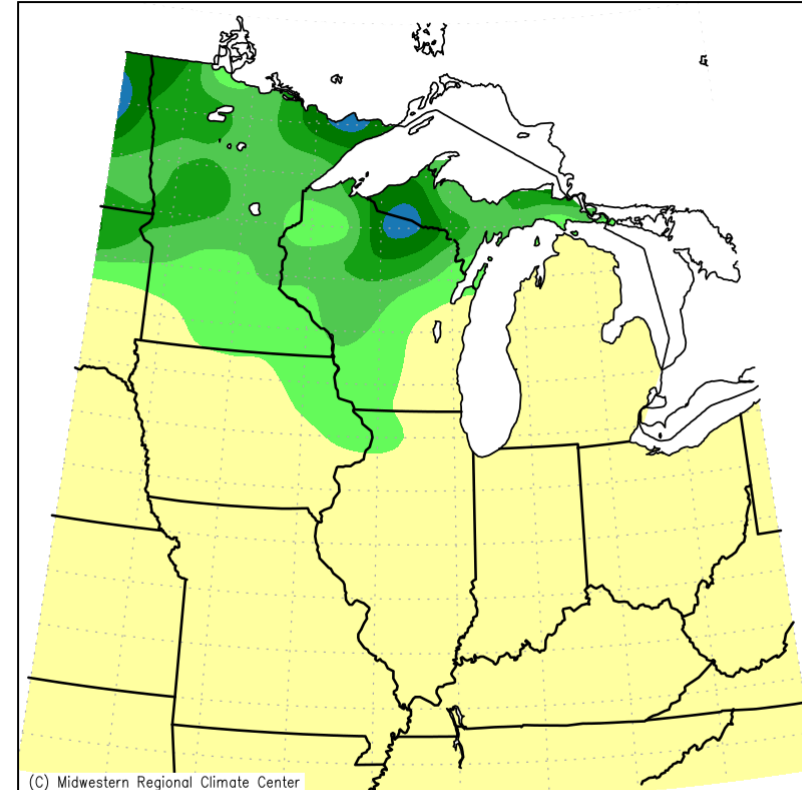
Total Monthly Snowfall (left) & Departure from Normal (right)

Accumulated Snowfall (in)
April 1, 2023 to April 30, 2023



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 5/2/2023 2:42:20 PM CDT

Accumulated Snowfall (in): Departure from Mean
April 1, 2023 to April 30, 2023



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 5/2/2023 2:42:46 PM CDT

April 2023 – 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	Location	Highest Daily Total	Monthly Total	# of Days with Snow
ADRIAN 2 NNE	T	T	0	FARMINGTON	T	T	0	MORENCI	0.1	0.1	1
ALGONAC WWTP	0.0	0.0	0	FENTON 6.2 WSW	T	T	0	OIL CITY 2S	0.1	0.1	1
ANN ARBOR SE	0.3	0.3	1	FILION 5NNW	0.1	0.1	1	OTTAWA LAKE 1.4 SSW	T	T	0
ANN ARBOR U OF MICH	0.3	0.4	2	FLINT 7W	T	T	0	OWOSSO WWTP	T	T	0
AUBURN 2NE	T	T	0	FLINT FCWOS	T	T	0	PORT HURON	T	T	0
BAD AXE	0.5	0.5	1	FRANKENMUTH 1SE	0.0	0.0	0	PORT HURON 1.6 W	0.0	0.0	0
BAY PORT 3.2 SSW	T	T	0	GOODRICH	0.2	0.2	1	RICHMOND 4 NNW	0.1	0.1	1
BERKLEY 0.6 N	T	T	0	GROSSE POINTE FARMS	T	T	0	SAGINAW 8NW	T	T	0
BURTON 4N	0.1	0.1	1	HARBOR BEACH 1 SSE	0.0	0.0	0	SAGINAW #3	0.0	0.0	0
CANTON 2.7 N	T	T	0	LAPEER 2W	0.2	0.2	1	SAGINAW MBS INTL AP	T	T	0
CARO WWTP	T	T	0	LAPEER WWTP	T	T	0	SALINE 4SW	T	T	0
CASS CITY 1 SSW	T	T	0	LEXINGTON WWTP	0.0	0.0	0	TECUMSEH	T	T	0
CHELSEA	T	T	0	LINDEN WWTP	T	T	0	TIPTON 2WNW	T	T	0
CHELSEA 3.7 NNE	T	T	0	LIVONIA 2.3 NNW	0.1	0.1	1	VASSAR	T	T	0
DEARBORN	0.0	0.0	0	MANCHESTER	0.0	0.0	0	WHITE LAKE 4E	T	T	0
DETROIT METRO AIRPORT	0.1	0.1	1	MIDLAND	T	T	0	WHITMORE LAKE 1NW	T	T	0
DUNDEE	T	T	0	MIDLAND 1.5 NNE	T	T	0	WYANDOTTE	0.1	0.1	1
DURAND WWTP	0.1	0.1	1	MILLINGTON 3 SE	T	T	0				

April – Top 20 Snowiest/Least Snowy on Record



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	1955	17.3	1975	0.0	1948	14.4	1975	0.0	1931
2	9.1	1923	0.0	1963	9.0	1926	0.0	1996	11.3	1952	0.0	1955
3	9.0	1982	0.0	2019	8.7	1970	0.0	2012	9.5	1970	0.0	1987
4	9.0	1926	0.0	1915	8.2	1982	0.0	1940	9.2	2000	0.0	1940
5	8.0	1885	0.0	1948	8.0	2005	0.0	1933	8.4	2002	0.0	1948
6	7.4	2009	0.0	2004	7.9	2018	0.0	1941	7.3	1926	0.0	1988
7	6.8	1943	0.0	1892	7.1	1983	0.0	1981	7.1	1939	0.0	2012
8	6.2	1881	0.0	2012	7.0	1993	0.0	2021	6.6	1993	0.0	1925
9	6.0	1894	0.0	1901	6.8	2016	0.0	1934	6.3	1920	0.0	1941
10	5.1	1920	0.0	1917	5.8	1965	0.0	1958	6.0	2005	0.0	1957
11	5.0	2003	0.0	1925	5.8	1952	0.0	1998	6.0	1965	0.0	1981
12	4.9	2020	0.0	1933	5.6	1961	0.0	1967	6.0	1938	0.0	1989
13	4.9	1903	0.0	1941	5.0	2009	0.0	1991	5.7	1980	0.0	2021
14	4.7	1942	0.0	1981	4.9	2007	0.0	1999	5.5	2018	0.0	1942
15	4.6	1921	0.0	1910	4.9	2000	0.0	2023	4.9	2003	0.0	1958
16	4.3	2005	0.0	1998	4.8	1943	0.0	1928	4.8	1997	0.0	1974
17	4.2	1994	0.0	2006	4.5	1924	0.0	1929	4.6	1982	0.0	1998
18	4.2	1970	0.0	1919	4.4	1938	0.0	1945	4.3	1932	0.0	1991
19	4.1	2022	0.0	1959	4.0	1937	0.0	1969	4.2	1973	0.0	1999
20	4.0	1993	0.0	1991	3.6	2003	0.0	1930	3.8	1995	0.0	2023

* 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

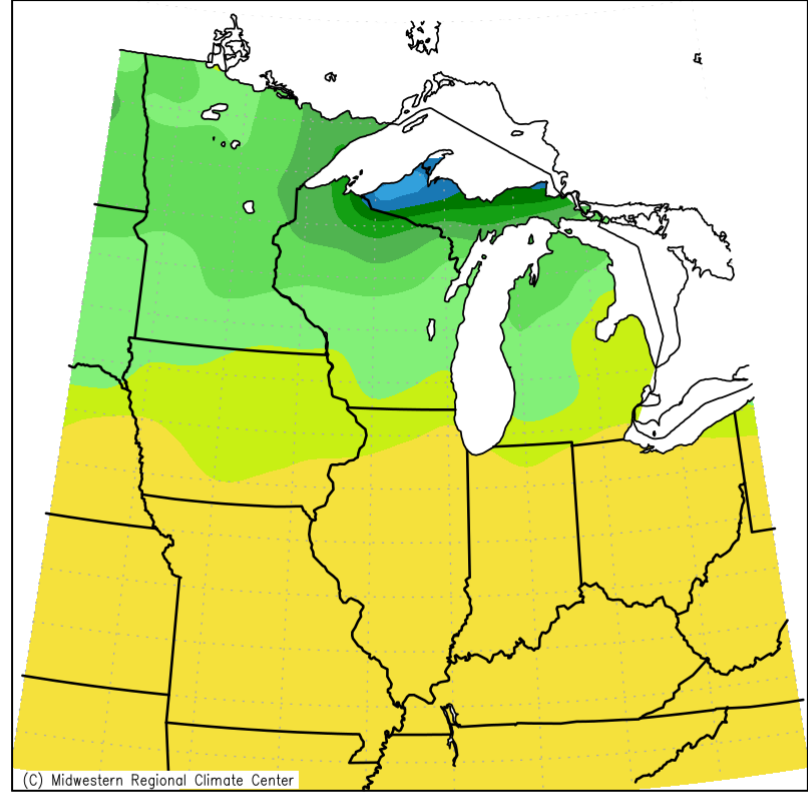
Season-to-Date 2022-2023 Regional Snowfall Summary

Weather Forecast Office
Detroit, MI

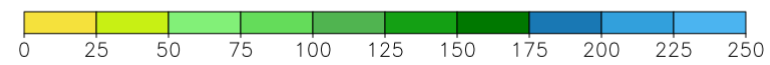


Total Snowfall (left) & Departure from Normal (right)

Accumulated Snowfall (in)
October 1, 2022 to April 30, 2023

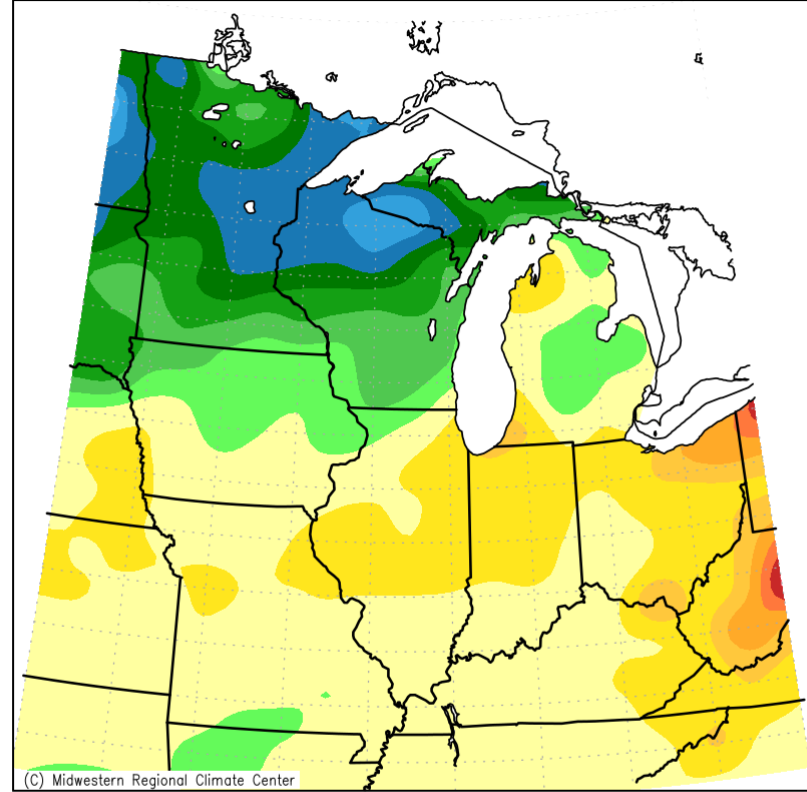


(C) Midwestern Regional Climate Center



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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Accumulated Snowfall (in): Departure from Mean
October 1, 2022 to April 30, 2023



(C) Midwestern Regional Climate Center

Mean period is 1991-2020.



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 5/2/2023 2:44:25 PM CDT

April 2023 – Significant Weather Events

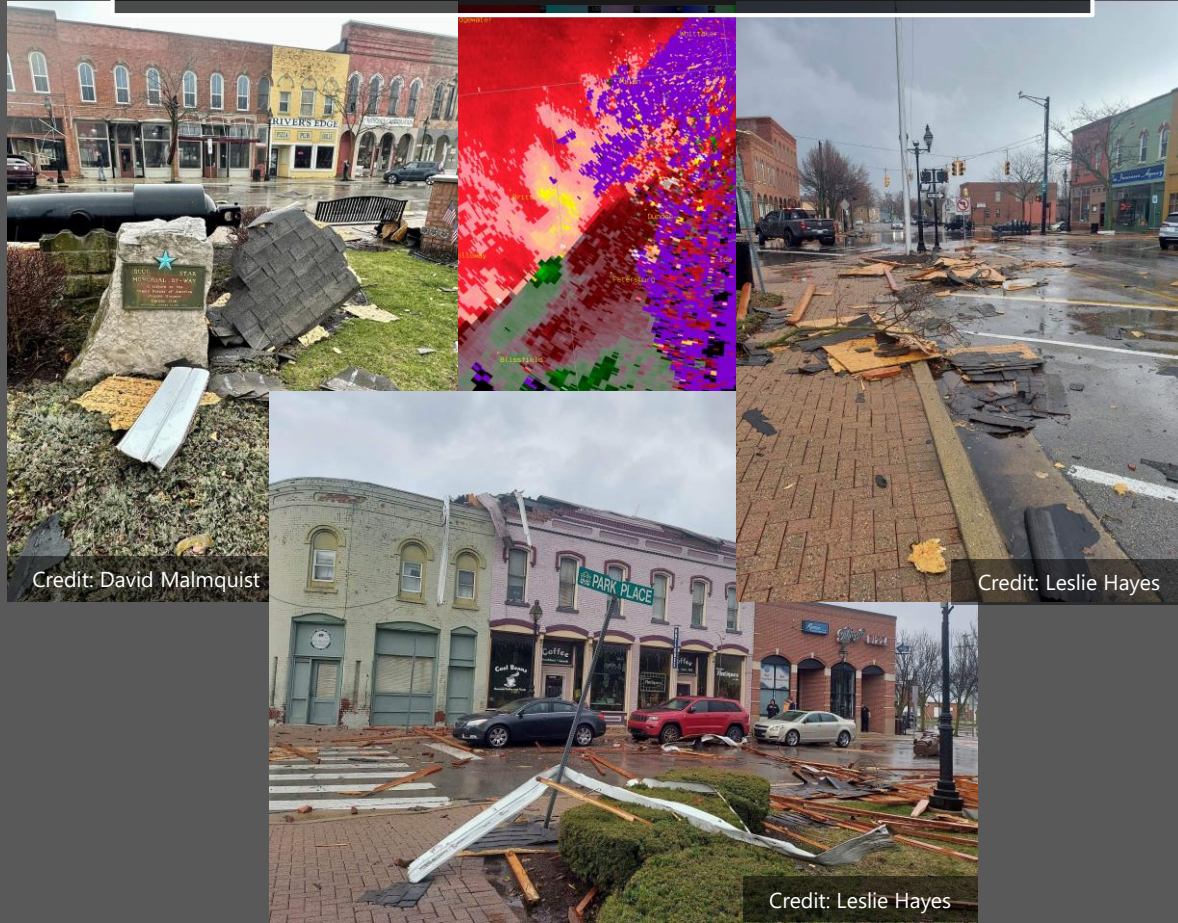
Weather Forecast Office
Detroit, MI



Follow links for web summaries

April 1 Dundee Tornado

weather.gov/dtx/DundeeTornadoApril1_2023



April 2023 Record Warm Start

weather.gov/dtx/April2023RecordWarm





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

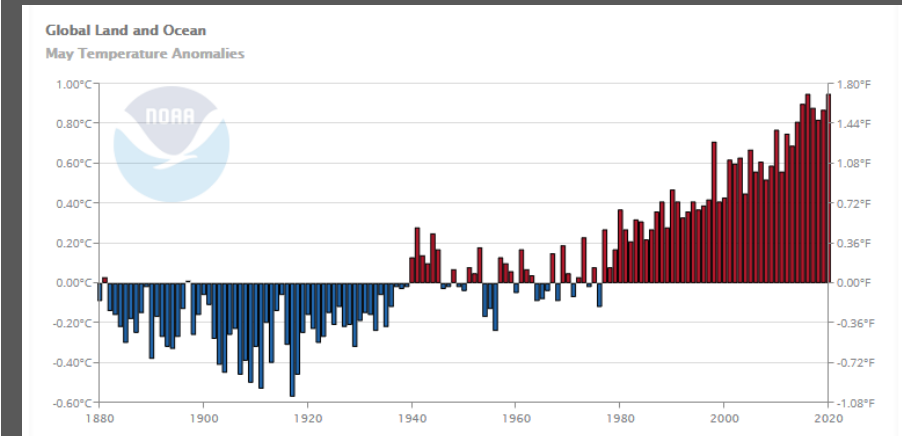
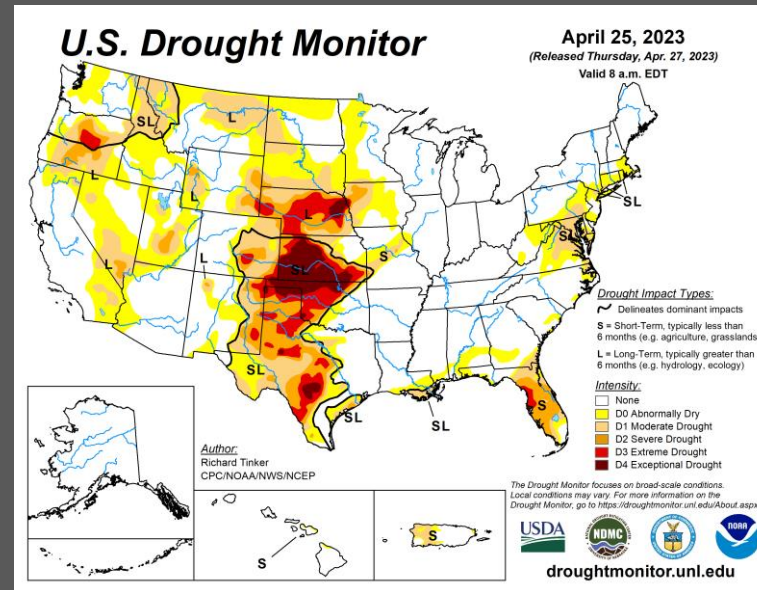
Date: 2021-08

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 **LACIS**
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

U.S. Drought Monitor

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

NOAA NCEI Climate at a Glance

ncdc.noaa.gov/cag/

Thank you to our **COOP** and **CoCoRaHS** volunteer weather observers!