

Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



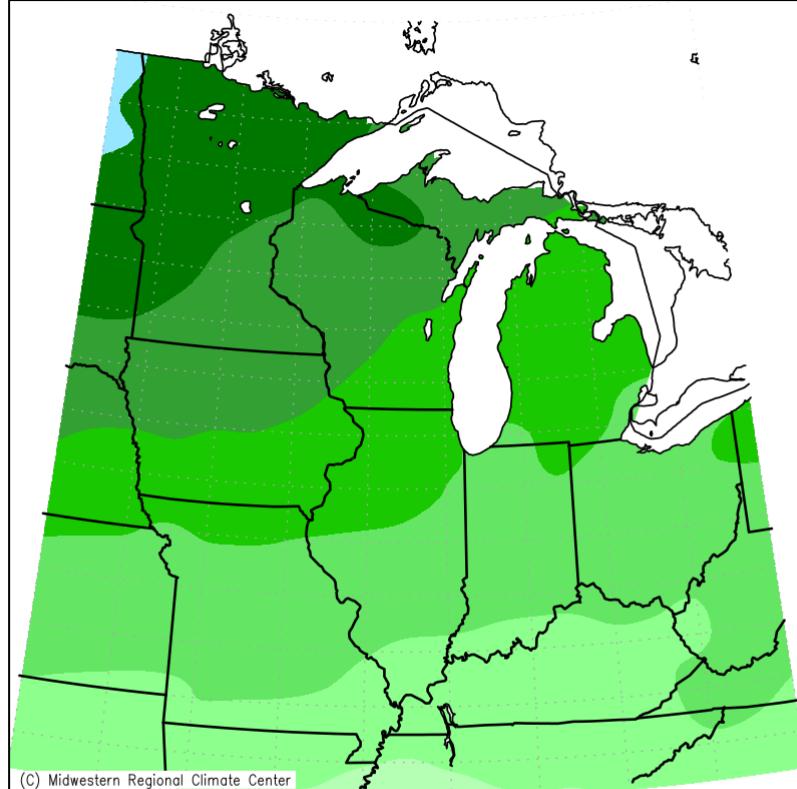
November 2024 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



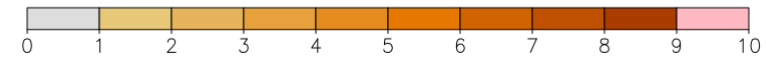
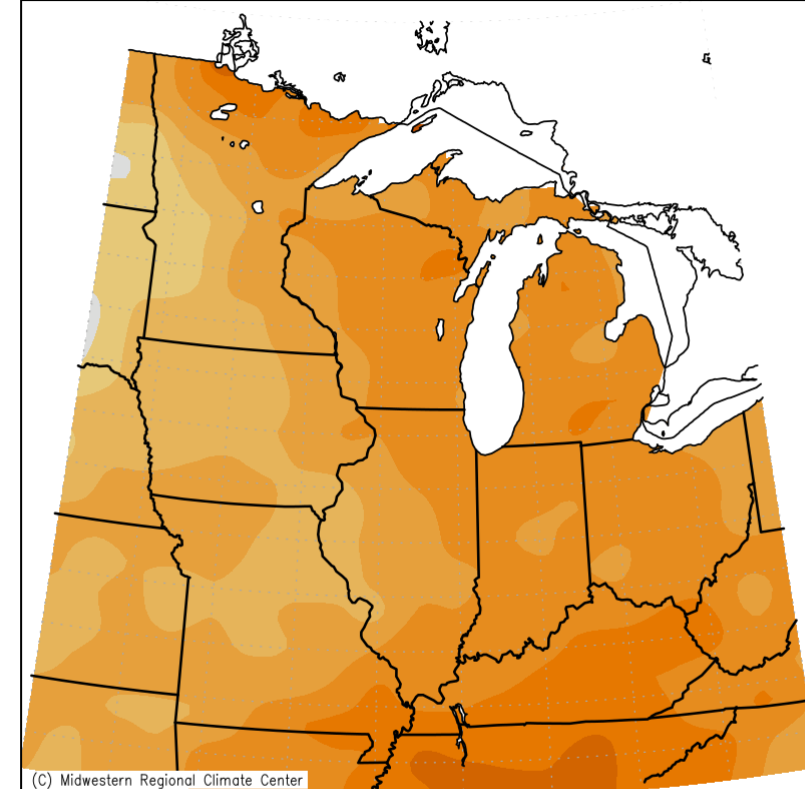
Average Temperature (left) & Departure from Average (right)

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




Midwestern Regional Climate Center
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Average Temperature (°F): Departure from Mean
November 1, 2024 to November 30, 2024



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November 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 LENAWEE CO AP	75	21	51.9	38.9	45.4	GROSSE POINTE FARMS	73	22	52.8	40.2	46.5
ALGONAC WWTP	73	23	54.0	38.1	46.0	HARBOR BEACH 1 SSE	73	26	52.1	39.9	46.0
ANN ARBOR MNCPL AP	73	21	51.5	36.0	43.7	LAPEER 2W	73	23	50.9	37.7	44.3
ANN ARBOR SE	74	22	53.7	37.4	45.5	LAPEER WWTP	75	24	52.0	37.5	44.8
ANN ARBOR U OF MICH	72	22	52.3	38.0	45.2	LEXINGTON WATER PLANT	75	24	51.3	39.4	45.4
BAD AXE	71	24	49.5	37.0	43.3	MANCHESTER	74	22	53.9	37.0	45.4
BURTON 4N	72	23	51.6	36.1	43.9	MIDLAND	65	18	46.6	34.2	40.4
CARO WWTP	71	23	50.9	36.0	43.5	MORENCI	74	27	55.2	38.2	46.7
CASS CITY 1 SSW	71	23	50.6	35.1	42.8	OIL CITY 2S	73	21	49.9	32.9	41.4
CHELSEA	74	21	52.9	38.2	45.5	OWOSSO WWTP	71	24	51.7	36.2	43.9
DEARBORN	76	22	54.7	40.6	47.7	PONTIAC INTL AP	72	22	50.6	38.7	44.6
DEARBORN NO. 2	76	23	55.6	42.3	49.0	PONTIAC WWTP	75	23	53.2	38.8	46.0
DETROIT CITY AP	76	25	54.5	42.8	48.7	PORT HOPE	71	26	50.4	40.3	45.3
DETROIT METRO AIRPORT	75	23	52.9	40.1	46.5	RICHMOND 4 NNW	74	22	51.3	36.1	43.7
DETROIT WILLOW RUN AP	74	22	52.6	38.4	45.5	SAGINAW #3	71	23	51.2	36.4	43.8
DURAND WWTP	71	22	52.0	36.9	44.5	SAGINAW MBS INTL AP	71	24	50.1	37.4	43.8
FARMINGTON	75	21	52.6	37.3	44.9	SALINE 4SW	75	21	54.2	37.4	45.8
FILION 5NNW	72	30	52.7	40.5	46.6	WHITE LAKE 4E	70	21	49.3	39.0	44.2
FLINT FCWOS	72	23	51.0	37.5	44.3	WHITMORE LAKE 1NW	73	20	50.6	36.9	43.7
GOODRICH	74	23	51.8	37.1	44.5						

November – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Novembers 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	29.8	1880	47.8	1931	31.3	1951	47.3	1975	29.8	1951	47.1	1931
2	33.5	1976	47.6	2001	32.0	1995	46.6	2001	31.6	1995	45.9	1975
3	34.2	1996	46.9	1902	32.6	1996	46.4	2020	32.5	1959	45.6	2015
4	34.5	1875	46.8	1975	33.0	1959	46.2	1931	33.3	2019	45.4	2016
5	34.6	1951	46.7	2016	33.3	2018	46.0	2015	33.3	1976	45.3	2001
6	34.9	1894	46.6	2011	33.3	1976	44.6	2016	33.6	1933	44.6	2020
7	35.2	1967	46.5	2024	34.5	1936	44.4	1934	33.9	1996	43.8	2024
8	35.4	1936	46.0	2015	34.5	1933	44.3	2024	33.9	1955	43.2	2009
9	35.5	1995	46.0	1963	34.6	2019	43.8	1938	34.0	2018	43.1	2011
10	35.5	1911	45.7	2020	34.8	1967	43.7	2011	34.2	1989	43.0	1963
11	35.7	1910	45.7	1948	34.8	1955	43.3	1963	34.2	1967	42.4	1999
12	35.7	1892	45.5	1994	35.0	1947	43.2	1948	34.2	1950	42.4	1948
13	35.8	2019	45.3	2009	35.1	1929	42.8	1999	34.3	1947	42.2	1934
14	35.8	2014	45.2	1999	35.2	1950	42.5	2003	34.4	1986	41.8	1994
15	36.0	1933	44.9	1964	35.2	1921	42.5	1994	34.6	2014	41.8	1938
16	36.4	1903	44.9	1909	35.3	2014	42.4	2009	34.7	1949	41.6	1990
17	36.4	1901	44.5	1953	35.4	1986	42.4	1990	35.1	1943	41.6	1964
18	36.6	1959	44.3	2003	35.5	1997	42.2	1924	35.1	1925	41.6	1913
19	36.6	1891	44.3	1883	35.6	1943	41.8	1998	35.2	1926	41.5	1953
20	36.7	1950	44.2	1990	35.8	1949	41.8	1953	35.2	1919	41.4	1930

* 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.

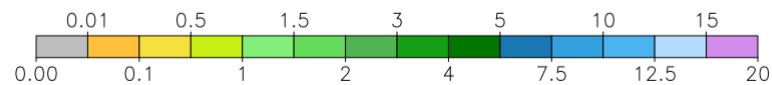
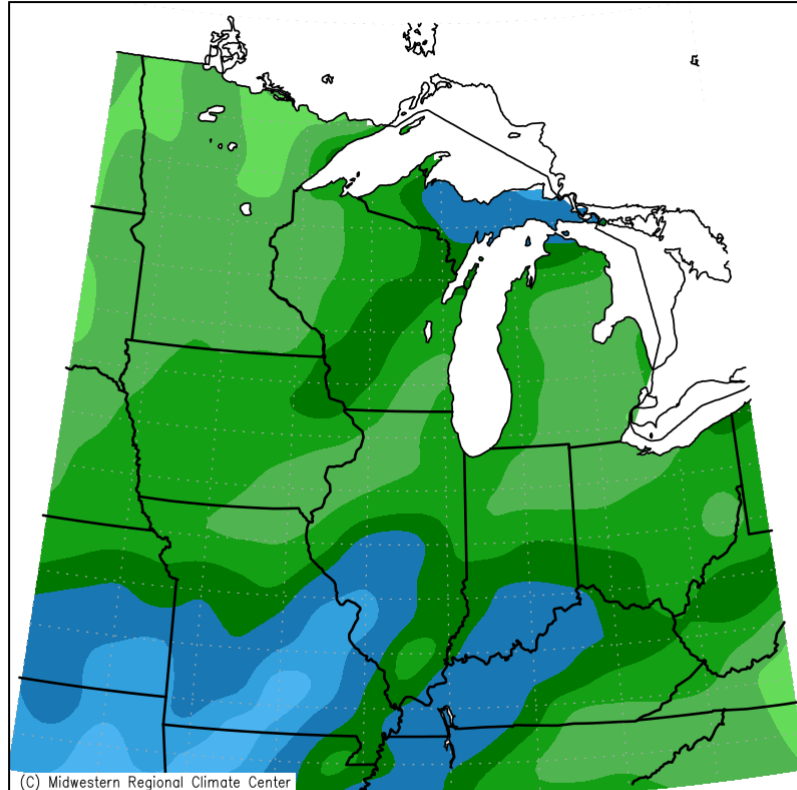
November 2024 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



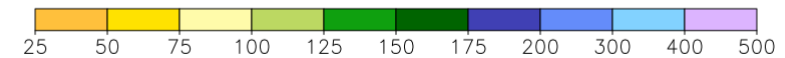
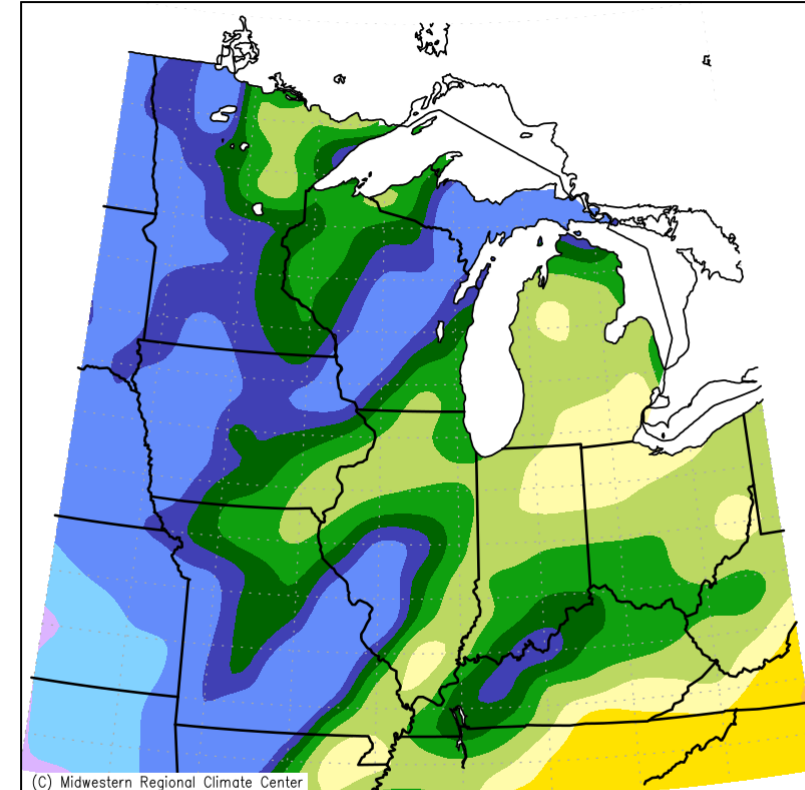
Total Monthly Precipitation (left) & Percent of Mean (right)

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



Midwestern Regional Climate Center
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Accumulated Precipitation: Percent of Mean
November 1, 2024 to November 30, 2024



Midwestern Regional Climate Center
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<h1>November 2024 – SE Michigan Precipitation Summary</h1>											
										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
ALGONAC WWTP	0.62	2.02	15	DETROIT METRO AIRPORT	0.76	1.90	12	NEW BALTIMORE 0.4 SSE	0.73	1.95	13
ANN ARBOR 4.5 W	0.43	2.07	17	DETROIT WILLOW RUN AP	0.71	1.39	11	OIL CITY 2S	0.43	2.16	13
ANN ARBOR 7.1 W	0.51	2.32	14	DEXTER 2.2 SE	0.47	2.37	16	ORTONVILLE 2.3 S	0.51	2.22	15
ANN ARBOR MNCPL AP	0.65	1.79	15	DURAND 6.2 WNW	0.53	2.49	18	OTTAWA LAKE 1.4 SSW	0.56	2.22	13
ANN ARBOR SE	0.45	1.92	17	EASTPOINTE 1.2 SSW	0.54	1.91	12	OWOSSO 1.0 NW	1.12	2.68	14
ANN ARBOR U OF MICH	0.70	2.33	18	ECN DETROIT	0.54	1.84	13	OWOSSO WWTP	0.89	3.38	17
BAD AXE	0.72	3.11	15	FARMINGTON	0.40	2.46	18	PLEASANT RIDGE 0.5 WNW	0.49	2.15	18
BAD AXE 6.3 SSW	0.47	3.00	17	FENTON 2.7 SSE	0.60	2.30	17	PLYMOUTH 5.4 W	0.42	1.93	11
BERKLEY 0.6 N	0.72	1.98	15	FENTON 6.2 WSW	0.57	2.15	15	PONTIAC INTL AP	0.78	1.87	10
BLOOMFIELD TWP 3.1 SW	0.96	2.60	11	FLINT FCWOS	0.66	2.19	15	PONTIAC WWTP	0.67	2.20	14
BURTON 4N	0.52	2.55	16	GOODRICH	0.41	1.70	15	PORT HOPE	0.42	2.42	15
CANTON 3.7 WNW	0.79	2.04	14	GROSSE POINTE FARMS	0.37	2.05	14	RICHMOND 4 NNW	0.57	2.06	13
CARO WWTP	0.65	2.64	15	HIGHLAND 1.3 NE	0.70	2.30	17	ROCHESTER HILLS 1.6 NNW	0.81	1.84	17
CASS CITY 1 SSW	0.49	2.37	15	LAPEER 2W	0.67	2.38	17	SAGINAW #3	0.94	3.41	19
CHELSEA	0.82	2.31	15	LAPEER 4.4 SSE	0.70	2.18	19	SAGINAW MBS INTL AP	0.60	2.39	8
CHELSEA 3.7 NNE	0.77	2.18	17	LAPEER WWTP	0.44	1.90	17	SALINE 3.8 SSW	0.66	2.05	14
CHESANING	1.39	3.55	15	LEXINGTON WATER PLANT	0.52	2.06	12	SALINE 4SW	0.68	2.26	16
CLAWSON 0.5 S	0.73	2.03	16	LINDEN 6.5 SW	0.60	2.34	15	SHELBY 0.4 SSE	0.68	2.39	14
CLINTON 0.5 NE	0.66	2.03	15	LIVONIA 2.0 NE	0.63	2.25	12	ST CHARLES 5.0 W	0.58	2.34	15
DEARBORN	0.70	1.94	15	MANCHESTER	0.56	2.11	15	WATERFORD 2.1 NW	0.68	2.04	16
DEARBORN HGHTS 1.8 NW	0.76	2.04	17	MIDLAND	0.55	2.34	13	WHITE LAKE 4E	0.75	2.29	16
DEARBORN NO. 2	0.37	1.43	13	MIDLAND 4.4 SW	0.67	2.50	13	WHITMORE LAKE 1NW	1.00	3.00	14
DETROIT CITY AP	0.59	1.65	13	MONROE 3.0 S	0.64	1.97	14	WYANDOTTE	0.44	1.83	16



November – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Novembers 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	6.00	2011	0.19	1904	5.66	2003	0.21	1938	6.31	1995	0.18	1939
2	5.68	1982	0.40	1917	4.94	1988	0.55	2022	5.81	1988	0.36	1936
3	5.51	1985	0.57	1939	4.93	1973	0.57	1939	5.41	1966	0.41	2012
4	5.30	1891	0.60	1924	4.76	1982	0.59	2009	5.14	1990	0.51	1986
5	5.29	1927	0.62	2009	4.59	1952	0.65	2012	4.54	2003	0.55	2009
6	5.13	1897	0.72	2012	4.29	1990	0.66	1980	4.53	1935	0.61	1924
7	4.93	2017	0.73	1908	4.22	1995	0.66	1962	4.47	1928	0.63	1999
8	4.71	1879	0.78	1922	4.05	1992	0.78	1953	4.33	2005	0.69	1962
9	4.70	2005	0.79	1976	4.02	1928	0.78	1936	4.33	1992	0.81	2007
10	4.70	1909	0.81	1964	3.93	2005	0.86	1960	4.12	1959	0.84	1976
11	4.36	1881	0.83	1953	3.86	1968	0.93	1924	4.00	1985	0.86	1929
12	4.33	1992	0.88	1980	3.84	1948	0.94	1986	3.83	1982	0.88	1938
13	4.29	1988	0.94	1997	3.76	1950	1.00	1930	3.76	1952	0.92	1930
14	4.28	1983	0.97	1937	3.71	1935	1.01	2021	3.67	1994	1.04	1917
15	4.19	1979	0.99	2023	3.64	1979	1.05	1997	3.64	1940	1.11	1956
16	4.19	1895	1.00	1901	3.58	1942	1.13	1999	3.55	1989	1.14	1923
17	4.14	1948	1.10	1936	3.51	1994	1.18	1945	3.51	1958	1.15	2001
18	4.10	1877	1.15	1894	3.46	1983	1.20	1964	3.49	1931	1.20	2002
19	4.05	1950	1.18	1903	3.39	1921	1.22	1976	3.25	1991	1.22	1971
20	3.68	1893	1.20	1965	3.29	1987	1.32	1993	3.25	1968	1.22	1953

* 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.

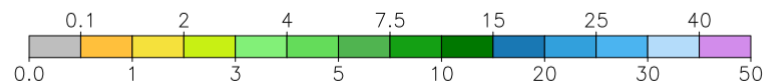
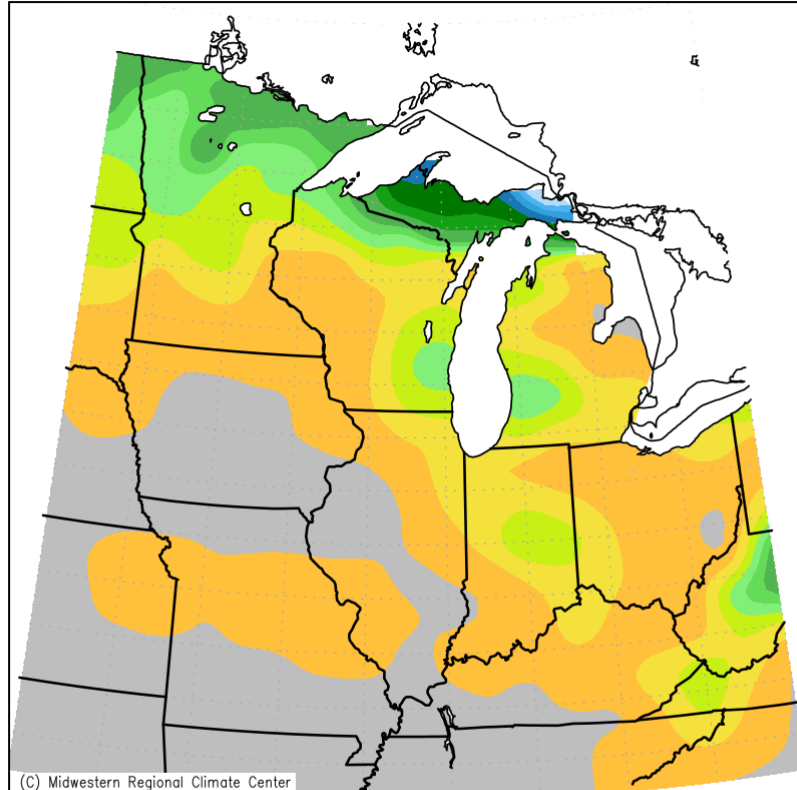
November 2024 – Regional Snowfall Summary

Weather Forecast Office
Detroit, MI



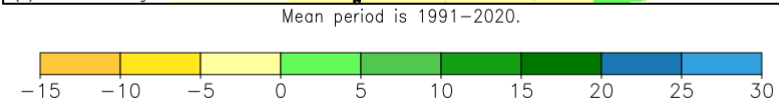
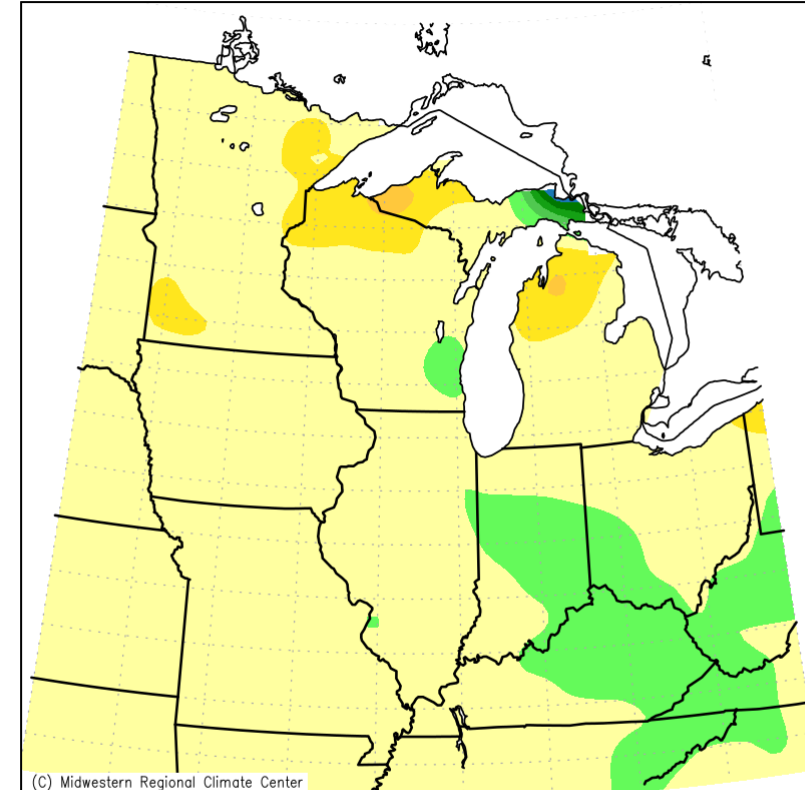
Total Monthly Snowfall (*left*) & Departure from Normal (*right*)

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



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



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November 2024 – 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	T	T	0	HARBOR BEACH 1 SSE	0.0	0.0	0
ALGONAC WWTP	T	T	0	LAPEER 2W	0.4	0.7	2
ANN ARBOR SE	2.3	4.3	4	LINDEN WWTP	0.5	0.5	1
ANN ARBOR U OF MICH	3.0	5.5	3	LIVONIA 2.3 NNW	0.9	1.8	4
BAD AXE	0.0	0.0	0	MANCHESTER	0.6	1.0	3
BAY PORT 3.2 SSW	0.0	0.0	0	MIDLAND 1.5 NNE	0.1	0.1	1
BURTON 4N	0.3	0.3	1	MILLINGTON 3 SE	0.6	0.6	1
CANTON 2.7 N	0.6	0.6	1	MORENCI	T	T	0
CASS CITY 1 SSW	T	T	0	OIL CITY 2S	0.3	0.3	1
CHELSEA	0.7	1.2	2	OTTAWA LAKE 1.4 SSW	T	T	0
CHELSEA 3.7 NNE	1.0	1.9	3	OWOSSO WWTP	0.2	0.2	1
DETROIT METRO AIRPORT	1.5	1.8	3	PONTIAC WWTP	T	T	0
DURAND WWTP	0.0	0.0	0	RICHMOND 4 NNW	0.7	1.0	2
ECN DETROIT	1.1	1.8	2	SAGINAW 8NW	T	T	0
FARMINGTON	2.4	2.4	1	SAGINAW #3	0.2	0.2	1
FENTON 6.2 WSW	0.4	0.7	2	SAGINAW MBS INTL AP	0.1	0.1	1
FLINT 7W	T	T	0	WHITE LAKE 4E	0.7	2.2	4
FLINT FCWOS	1.0	1.7	3	WHITMORE LAKE 1NW	1.1	1.6	2
GOODRICH	0.2	0.6	3	WYANDOTTE	1.4	1.8	4
GROSSE POINTE FARMS	1.2	1.2	1				

November – Top 20 Snowiest/Least Snowy on Record

Weather Forecast Office
Detroit, MI



Top 20 Snowiest/Snowless Novembers 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	11.8	1966	0.0	1939	16.2	1951	0.0	1973	23.0	1995	0.0	1931
2	10.6	1933	0.0	1963	13.5	1966	0.0	1948	20.3	1966	0.0	1963
3	10.1	1932	0.0	1948	12.4	1950	0.0	1990	17.9	1951	0.0	1948
4	9.5	2019	0.0	1901	12.1	1940	0.0	1934	17.0	1940	0.0	1988
5	9.2	1950	0.0	1934	11.4	1949	0.0	1999	13.5	1933	0.0	1973
6	9.1	1940	0.0	1990	11.1	2018	0.0	1944	12.5	2018	0.0	1934
7	8.9	1898	0.0	1998	10.8	2015	0.0	2016	12.3	1947	0.0	1982
8	8.3	1951	0.0	1999	10.5	1975	0.0	1961	11.0	1985	0.0	1990
9	8.3	1921	0.0	1899	10.4	1971	0.0	2001	9.9	1977	0.0	1998
10	8.1	1959	0.0	1944	10.0	1921	0.0	2009	9.6	1950	0.0	1999
11	7.9	1925	0.0	1952	9.4	2019	0.0	1946	8.8	2008	0.0	2001
12	7.7	1974	0.0	1968	9.4	1979	0.0	1927	8.5	1975	0.0	2009
13	7.7	1880	0.0	1961	9.2	2008	0.0	1931	8.1	1949	0.0	2017
14	7.4	1977	0.0	2001	9.2	1974	0.0	1939	7.8	1971	0.0	1994
15	7.1	2021	0.0	2009	8.9	1972	0.0	1963	7.6	1959	0.0	1923
16	7.1	1972	0.0	2017	8.7	2014	0.0	1987	7.0	2004	0.1	2024
17	7.0	1911	0.0	1994	7.8	1989	0.0	1923	7.0	1921	0.1	1939
18	6.9	1894	0.0	2010	6.9	1925	0.2	2010	6.8	2011	0.1	1970
19	6.8	1891	0.0	1896	6.3	2022	0.2	1998	6.6	2019	0.1	1929
20	6.7	2018	0.1	2004	6.3	1933	0.3	2017	6.1	2000	0.2	1952

* Detroit Area snowfall records date back to January 1880.

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

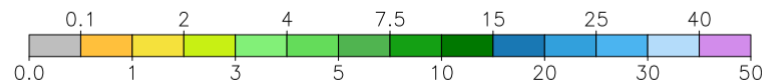
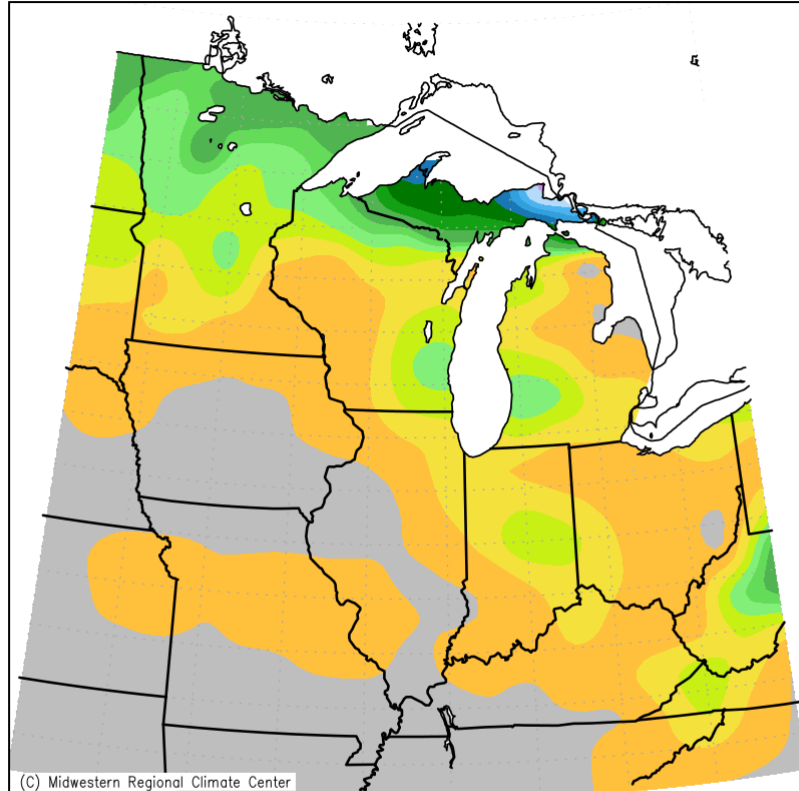
*** Saginaw Area snowfall records date back to January 1912.

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



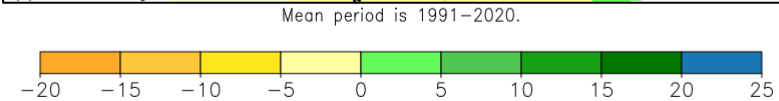
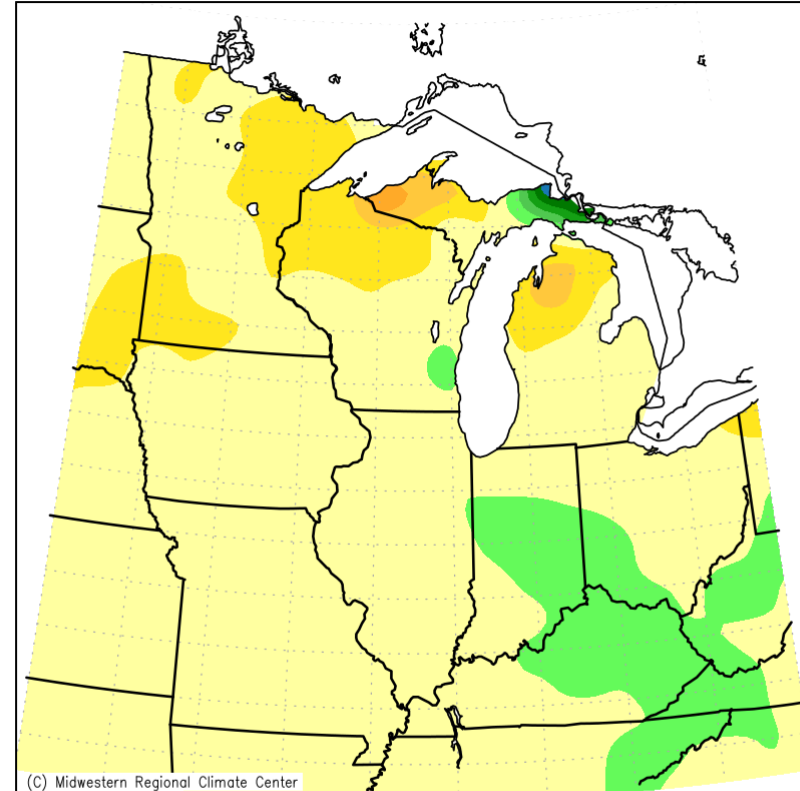
Total Snowfall (left) & Departure from Normal (right)

Accumulated Snowfall (in)
October 1, 2024 to November 30, 2024



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



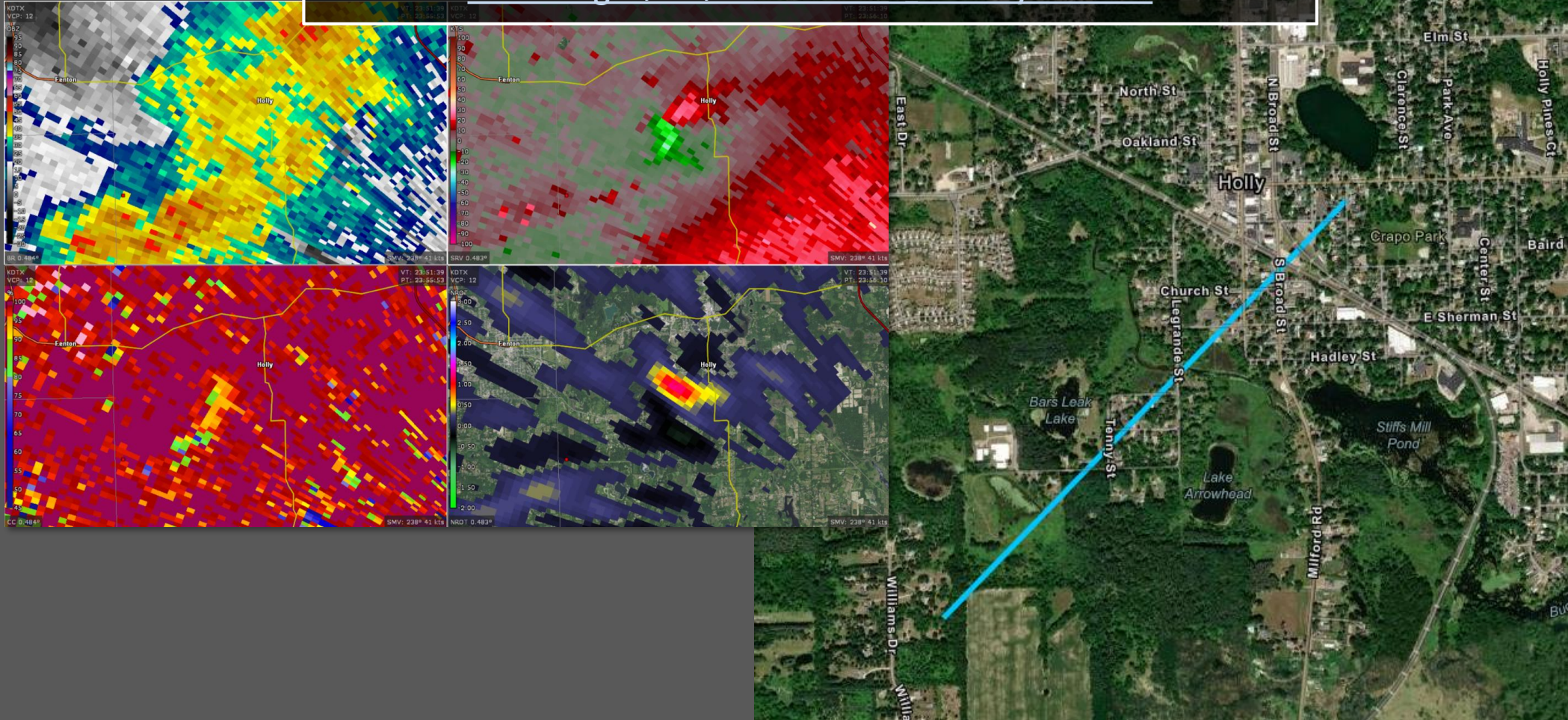
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November 2024 – Significant Weather Events



Follow links for web summaries

November 10 Holly Tornado weather.gov/dtx/November10_24HollyTornado





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- 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

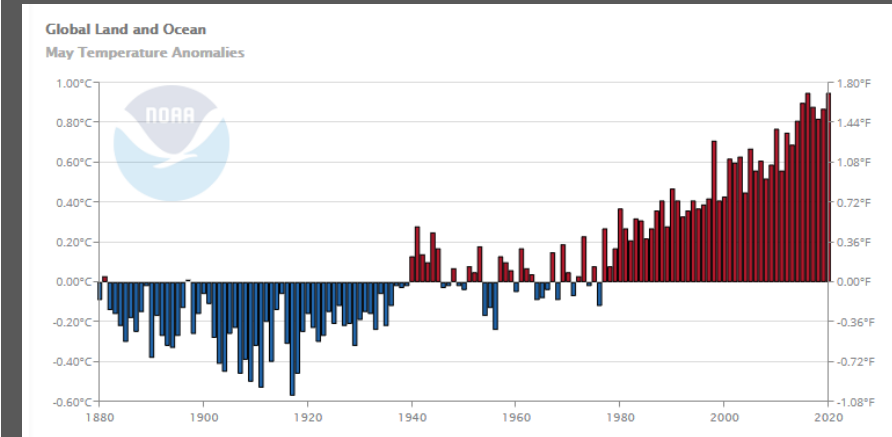
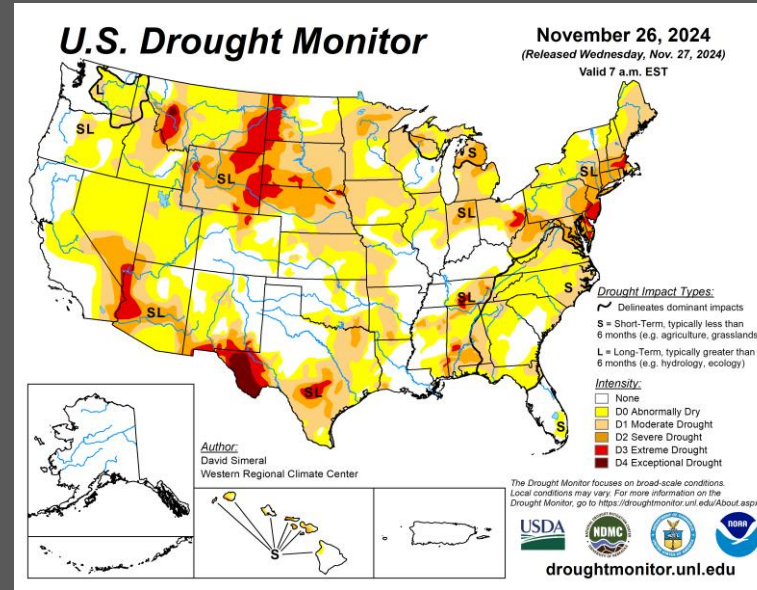
- Daily data for a month
- Daily almanac
- Monthly summarized data
- Calendar day summaries
- Daily/monthly normals
- Climatology for a day
- First/last dates
- Temperature graphs
- Accumulation graphs

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

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!