

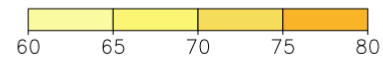
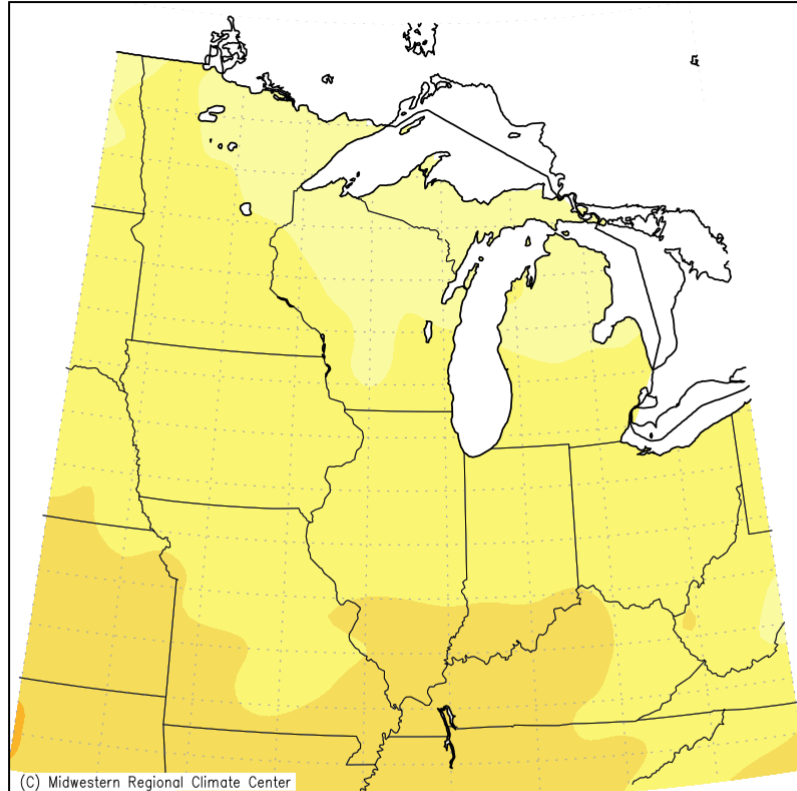
# September 2024 – Regional Temperature Summary

Weather Forecast Office  
Detroit, MI



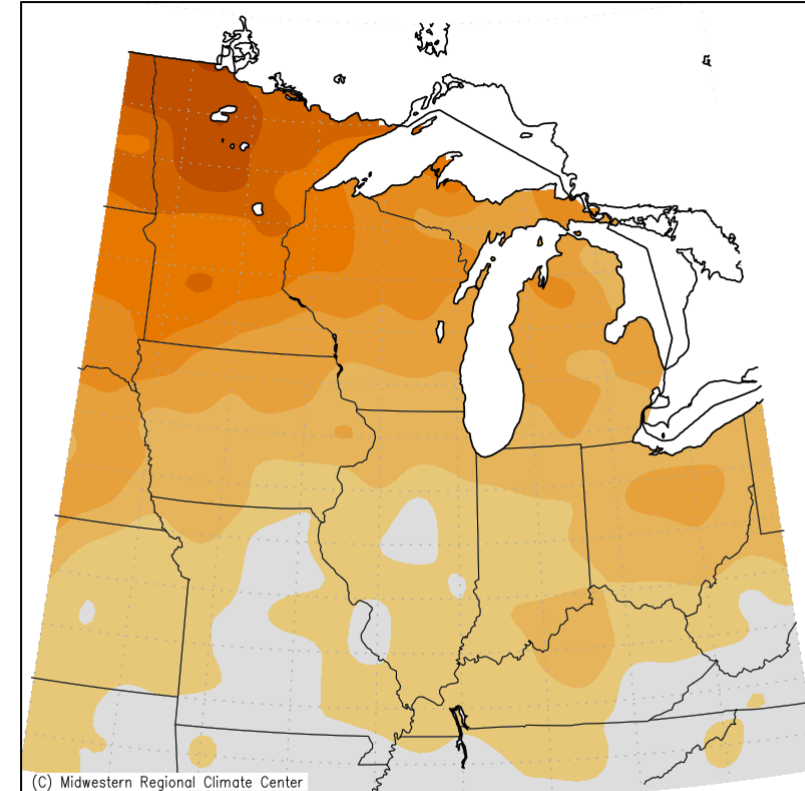
Average Temperature (left) & Departure from Average (right)

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




Midwestern Regional Climate Center  
Purdue University

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



Midwestern Regional Climate Center  
Purdue University



September 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	90	40	79.8	55.9	67.8	GOODRICH	84	41	76.0	54.4	65.2		
ALGONAC WWTP	88	41	79.6	55.6	67.6	HARBOR BEACH 1 SSE	82	44	73.3	55.7	64.5		
ANN ARBOR MUNICIPAL AP	87	33	77.3	50.8	64.1	LAPEER 2W	86	41	77.6	52.9	65.2		
ANN ARBOR SE	85	40	77.5	52.7	65.1	LAPEER WWTP	86	43	78.1	53.1	65.6		
ANN ARBOR U OF MICH	86	37	77.4	52.5	65.0	LEXINGTON WATER PLANT	84	42	73.9	54.6	64.2		
BAD AXE	87	43	76.8	54.1	65.5	LINDEN WWTP	85	41	76.0	53.0	64.5		
BURTON 4N	86	42	77.0	51.9	64.4	MANCHESTER	89	41	79.1	53.0	66.1		
CARO WWTP	87	42	78.3	51.8	65.1	MIDLAND	84	39	74.4	51.4	62.9		
CASS CITY 1 SSW	85	41	76.9	50.9	63.9	OIL CITY 2S	85	39	76.0	48.3	62.2		
CHELSEA	87	40	77.7	53.1	65.4	OWOSSO WWTP	86	42	78.4	53.2	65.8		
DEARBORN	88	44	78.7	57.5	68.1	PONTIAC INTL AP	85	44	76.6	55.7	66.2		
DEARBORN NO. 2	87	44	78.7	59.8	69.3	PONTIAC WWTP	85	45	77.9	57.1	67.5		
DETROIT CITY AP	89	48	79.2	60.8	70.0	PORT HOPE	85	50	74.2	58.5	66.3		
<b>DETROIT METRO AIRPORT</b>	<b>88</b>	<b>44</b>	<b>77.9</b>	<b>58.4</b>	<b>68.2</b>	PORT HURON	91	45	76.6	60.1	68.4		
DETROIT WILLOW RUN AP	87	43	77.8	55.4	66.6	RICHMOND 4 NNW	84	36	75.2	51.2	63.2		
DUNDEE	89	41	79.3	54.9	67.1	SAGINAW #3	89	42	79.4	54.2	66.8		
DURAND WWTP	86	43	77.5	52.2	64.9	<b>SAGINAW MBS INTL AP</b>	<b>87</b>	<b>41</b>	<b>78.9</b>	<b>53.9</b>	<b>66.4</b>		
ECN DETROIT	87	45	78.0	59.2	68.6	SALINE 4SW	89	40	79.9	54.1	67.0		
FARMINGTON	87	40	77.3	54.5	65.9	WHITE LAKE 4E	85	39	72.5	54.4	63.6		
FILION 5NNW	86	47	77.2	56.1	66.6	WHITMORE LAKE 1NW	85	41	76.8	53.0	64.9		
FLINT FCWOS	86	42	77.3	52.9	65.1								

# September – Top 20 Coldest/Warmest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Coldest/Warmest Septembers 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	57.4	1918	72.2	1881	55.4	1924	69.2	1933	54.9	1918	69.0	1931
2	58.6	1879	69.8	1931	56.3	1993	68.1	1931	56.4	1924	68.0	1933
3	59.1	1975	69.5	1921	57.3	1975	68.0	2015	56.7	1993	67.6	2015
4	59.1	1876	69.3	2015	57.4	1966	66.6	2002	56.8	1949	66.8	1921
5	59.2	1883	68.9	2018	57.4	1949	66.6	2019	56.9	1956	66.4	2024
6	59.4	1924	68.9	2002	57.5	1956	66.6	1934	57.0	1943	66.2	1961
7	59.6	1896	68.8	1961	57.7	1981	66.2	1921	57.3	1975	66.2	1927
8	59.6	1974	68.6	2019	57.8	1962	66.1	1961	57.4	1981	65.9	2005
9	59.6	1949	68.6	1908	58.0	1967	65.9	1927	58.5	1991	65.9	1998
10	59.6	1890	68.5	1933	58.5	1995	65.6	1939	58.5	1962	65.6	2017
11	59.7	1899	68.4	2005	58.6	1928	65.4	1978	58.7	1935	65.6	2016
12	59.9	1875	68.4	1906	58.7	2006	65.3	1998	58.8	1917	65.5	1971
13	60.0	1888	68.2	2024	58.8	1963	65.1	2024	58.9	1951	65.4	2019
14	60.1	1887	68.2	2016	58.9	1974	65.1	2005	58.9	1950	65.3	1930
15	60.3	1967	68.0	1998	59.1	1957	65.1	1930	59.0	1938	65.2	1936
16	60.4	1956	67.9	1891	59.3	2001	65.1	1925	59.0	1928	65.1	2018
17	60.7	1928	67.9	1884	59.3	1937	65.0	1936	59.1	2006	64.7	1948
18	60.8	1981	67.5	1978	59.4	2020	64.8	2016	59.3	1984	64.6	2023
19	61.0	1993	67.5	1941	59.5	1943	64.8	2018	59.3	2000	64.6	2004
20	61.2	1984	67.5	1898	59.6	1991	64.8	1983	59.3	1992	64.5	2002

\* 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.

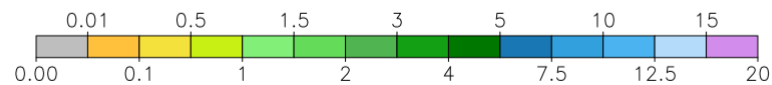
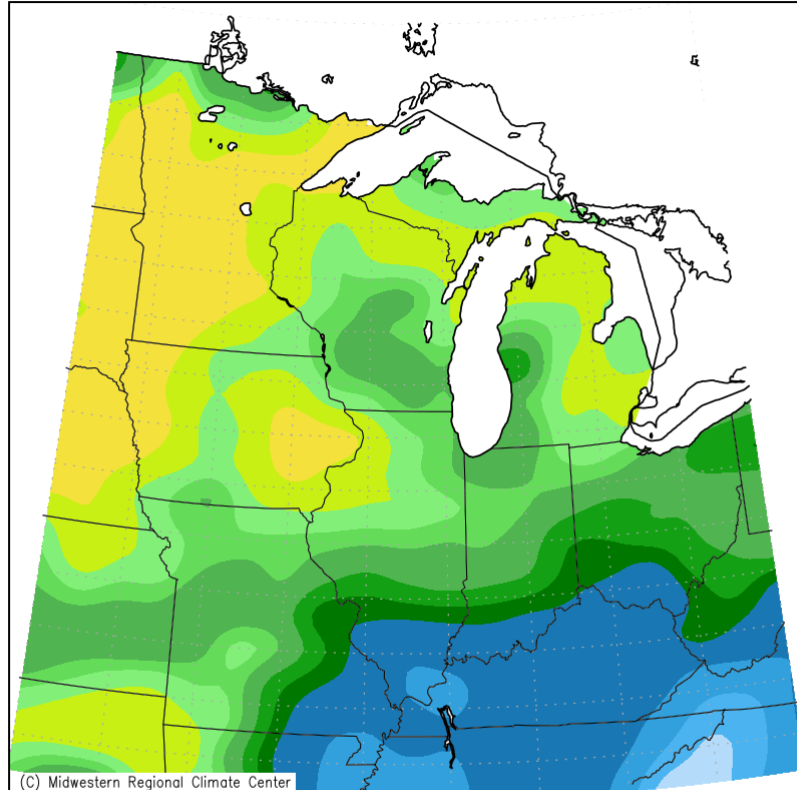
# September 2024 – Regional Precipitation Summary

Weather Forecast Office  
Detroit, MI



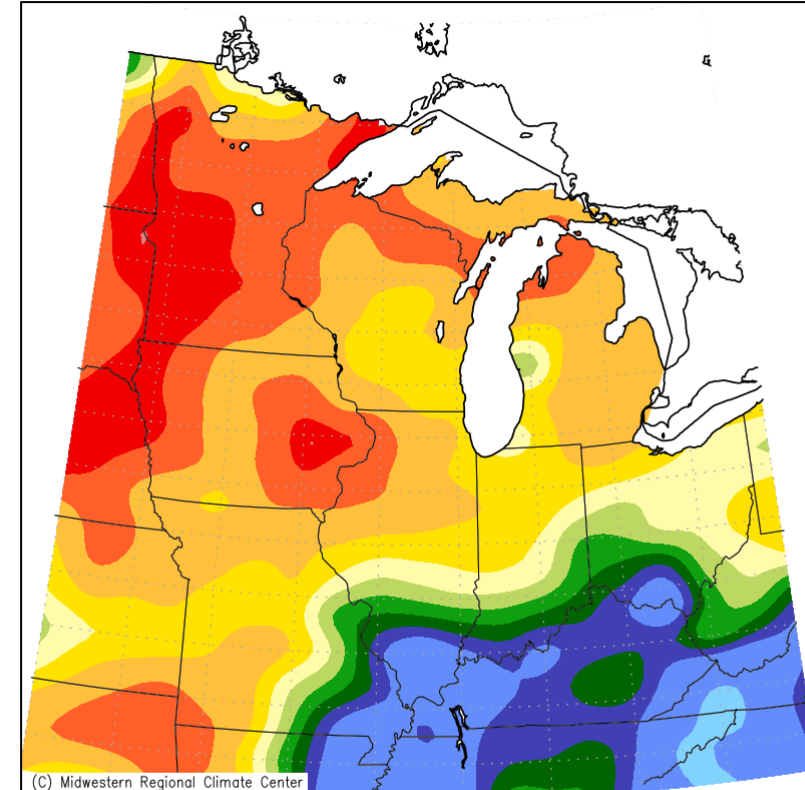
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

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

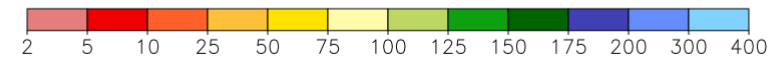


Midwestern Regional Climate Center  
Purdue University


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



Mean period is 1991–2020.



Midwestern Regional Climate Center  
Purdue University

<h1>September 2024 – SE Michigan Precipitation Summary</h1> <span style="float: right;">Weather Forecast Office Detroit, MI</span> 							
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	0.60	1.37	8	HARBOR BEACH 1 SSE	0.68	1.99	6
ADRIAN LENAWEE CO AP	0.33	1.19	8	LAPEER 2W	0.50	0.90	5
ALGONAC WWTP	0.37	0.89	5	LAPEER WWTP	0.43	0.77	5
ANN ARBOR MNCPL AP	0.62	1.11	6	LEXINGTON WATER PLANT	0.80	1.37	7
ANN ARBOR SE	0.54	1.27	7	LINDEN WWTP	0.39	0.73	6
ANN ARBOR U OF MICH	0.25	1.06	10	MANCHESTER	0.90	1.71	6
BAD AXE	0.46	1.14	6	OIL CITY 2S	0.49	0.90	5
BURTON 4N	1.11	1.29	4	OWOSSO WWTP	0.54	0.91	6
CASS CITY 1 SSW	0.63	1.16	7	PONTIAC INTL AP	0.36	0.68	8
CHELSEA	0.30	0.74	6	PONTIAC WWTP	0.21	0.55	6
CHESANING	0.48	0.57	3	PORT HOPE	0.24	0.83	8
DEARBORN	0.35	1.03	8	PORT HURON	0.41	1.06	6
DEARBORN NO. 2	0.37	0.66	5	RICHMOND 4 NNW	0.13	0.48	5
<b>DETROIT METRO AIRPORT</b>	<b>0.81</b>	<b>1.22</b>	<b>5</b>	SAGINAW 8NW	0.25	0.68	5
DETROIT WILLOW RUN AP	0.77	1.21	6	SAGINAW #3	0.38	1.05	7
DUNDEE	0.66	1.13	7	<b>SAGINAW MBS INTL AP</b>	<b>0.29</b>	<b>0.75</b>	<b>5</b>
DURAND WWTP	0.75	1.06	6	SALINE 4SW	1.31	1.84	7
FARMINGTON	0.69	1.38	5	WHITE LAKE 4E	0.38	0.72	6
FILION 5NNW	0.18	0.39	5	WHITMORE LAKE 1NW	1.01	1.48	6
<b>FLINT FCWOS</b>	<b>0.74</b>	<b>1.01</b>	<b>5</b>	WYANDOTTE	0.62	1.42	7
GOODRICH	0.17	0.55	6				



# September – Top 20 Wettest/Driest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Wettest/Driest Septembers 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	7.52	1986	0.39	1877	10.86	1986	0.29	2002	16.16	1986	0.41	2002
2	6.71	2000	0.56	1908	8.68	1950	0.32	1979	8.15	1945	0.44	2017
3	6.50	1902	0.56	1889	8.64	2008	0.33	1969	7.49	1981	0.73	2004
4	6.46	2018	0.58	1956	8.29	1985	0.54	1955	6.02	1985	0.75	2024
5	6.28	2016	0.62	1995	7.65	1981	0.61	2013	5.80	1997	0.80	1948
6	6.28	2011	0.65	2004	6.61	1947	0.63	1991	5.74	1983	0.83	1969
7	6.24	1879	0.67	1874	6.24	2000	0.66	1956	5.66	1987	0.83	1956
8	6.06	1990	0.68	1969	5.95	1933	0.76	2004	5.64	1977	0.84	1917
9	5.99	2008	0.75	1909	5.62	2021	0.84	2017	5.61	1970	0.91	1991
10	5.90	1936	0.78	1960	5.57	1987	0.94	1957	5.53	1996	1.03	2013
11	5.67	1926	0.81	1941	5.47	2005	1.01	2024	5.50	1978	1.09	2009
12	5.55	1992	0.90	1991	5.14	1945	1.05	1995	5.33	1950	1.09	1920
13	5.55	1961	0.91	2017	4.99	1932	1.11	2023	5.12	2005	1.10	2023
14	5.47	1981	0.94	1979	4.88	1934	1.18	2009	4.91	1957	1.24	1955
15	5.43	2021	0.99	2022	4.79	1925	1.19	1953	4.87	1988	1.33	1989
16	4.71	2014	1.02	1897	4.75	1980	1.28	1998	4.84	1965	1.37	1940
17	4.69	1959	1.15	1895	4.70	1936	1.40	1941	4.80	1942	1.42	1938
18	4.64	1921	1.18	1913	4.66	1993	1.46	2007	4.77	1922	1.50	1972
19	4.54	1925	1.20	2013	4.59	1977	1.49	1938	4.59	1927	1.51	1916
20	4.47	1915	1.22	2024	4.57	1978	1.59	1946	4.55	2008	1.51	1914

\* 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.

# September 2024 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office  
Detroit, MI



No Significant Events in September





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

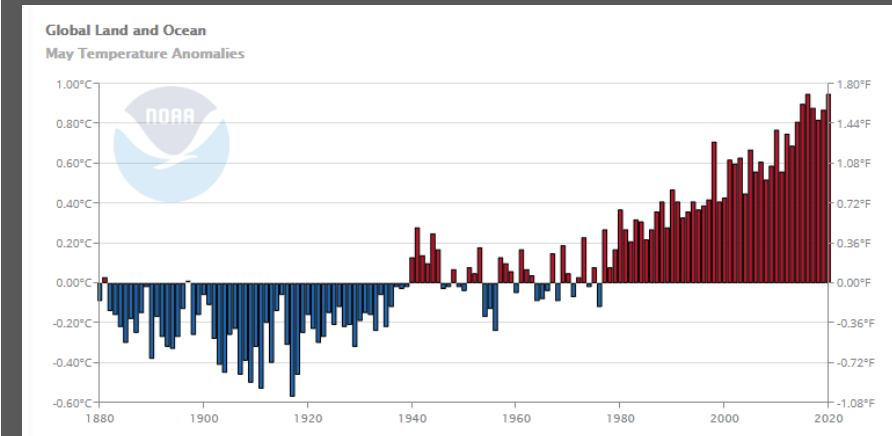
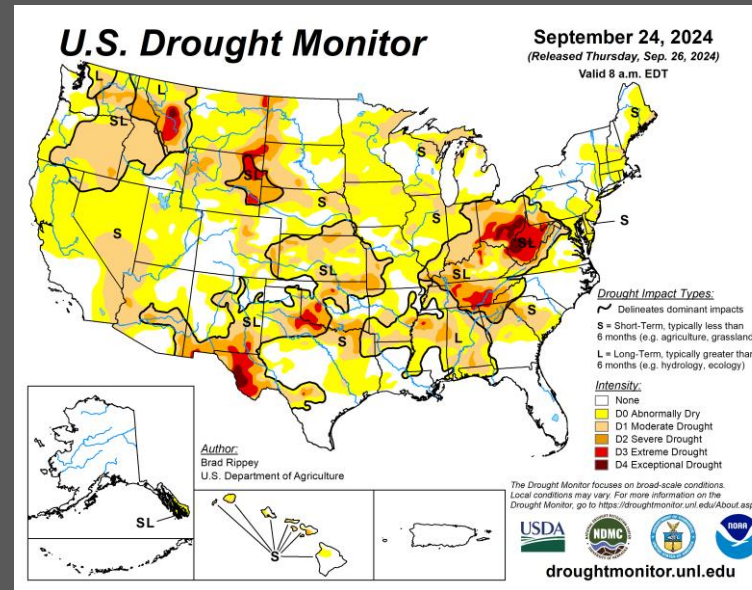
**Options** Date: 2021-08 **Go**

**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/current-conditions](https://drought.gov/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!