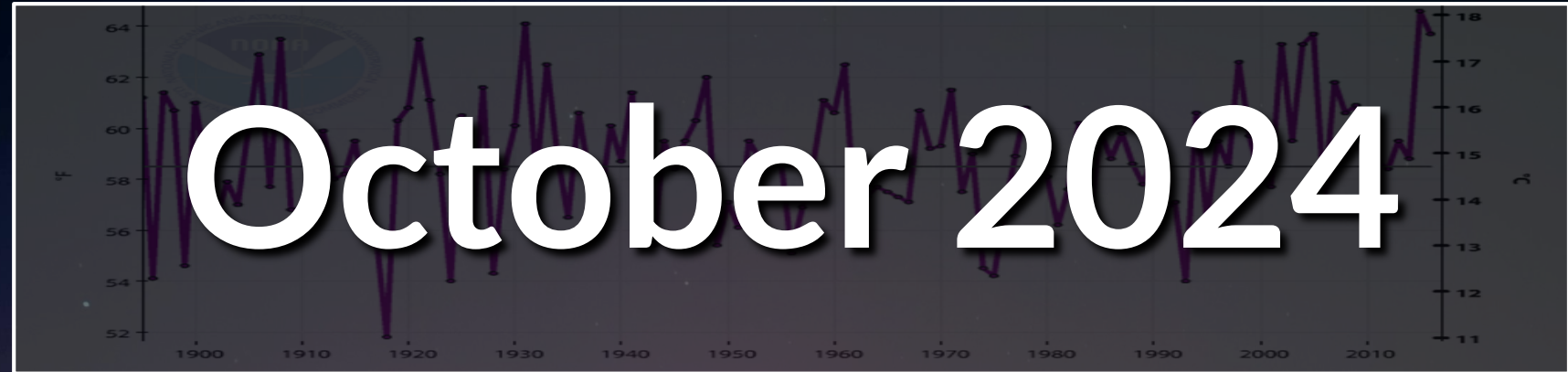


Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI

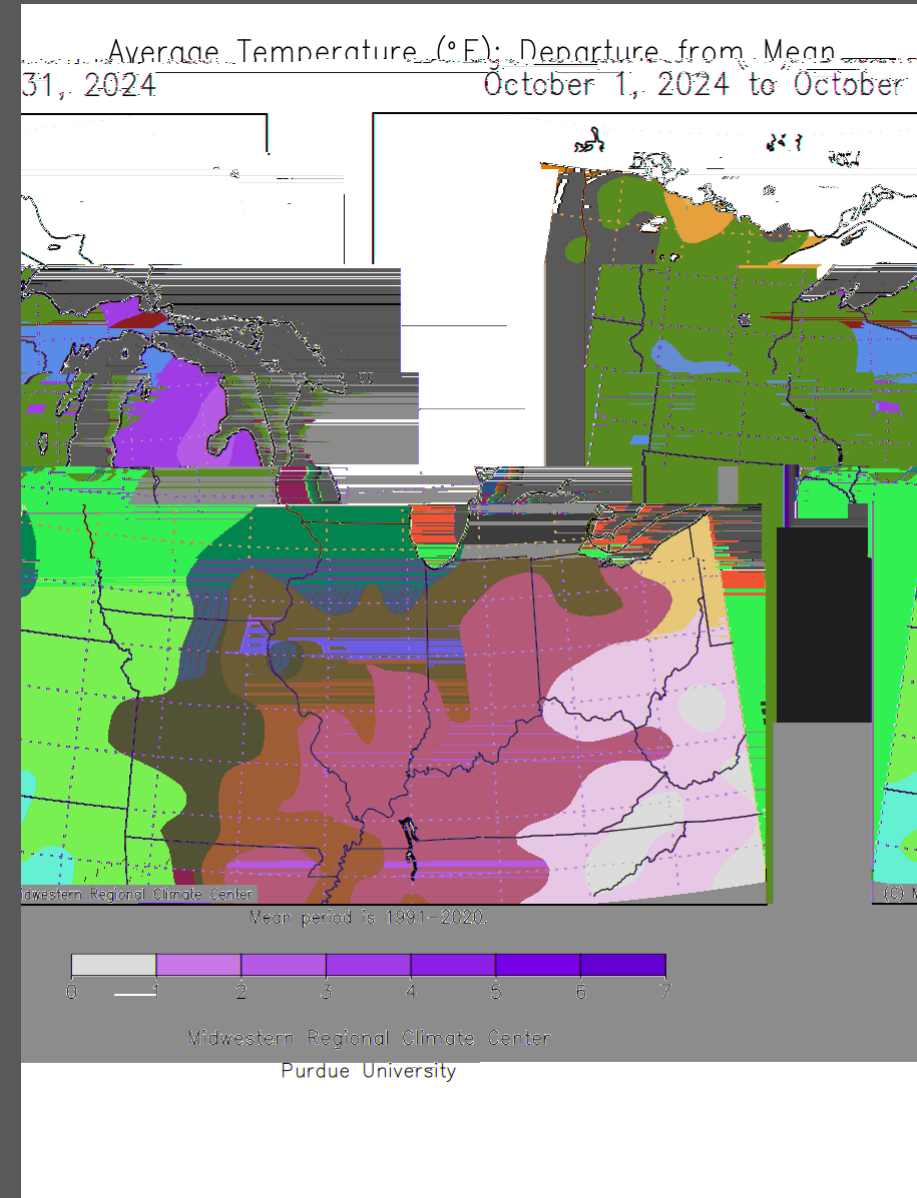
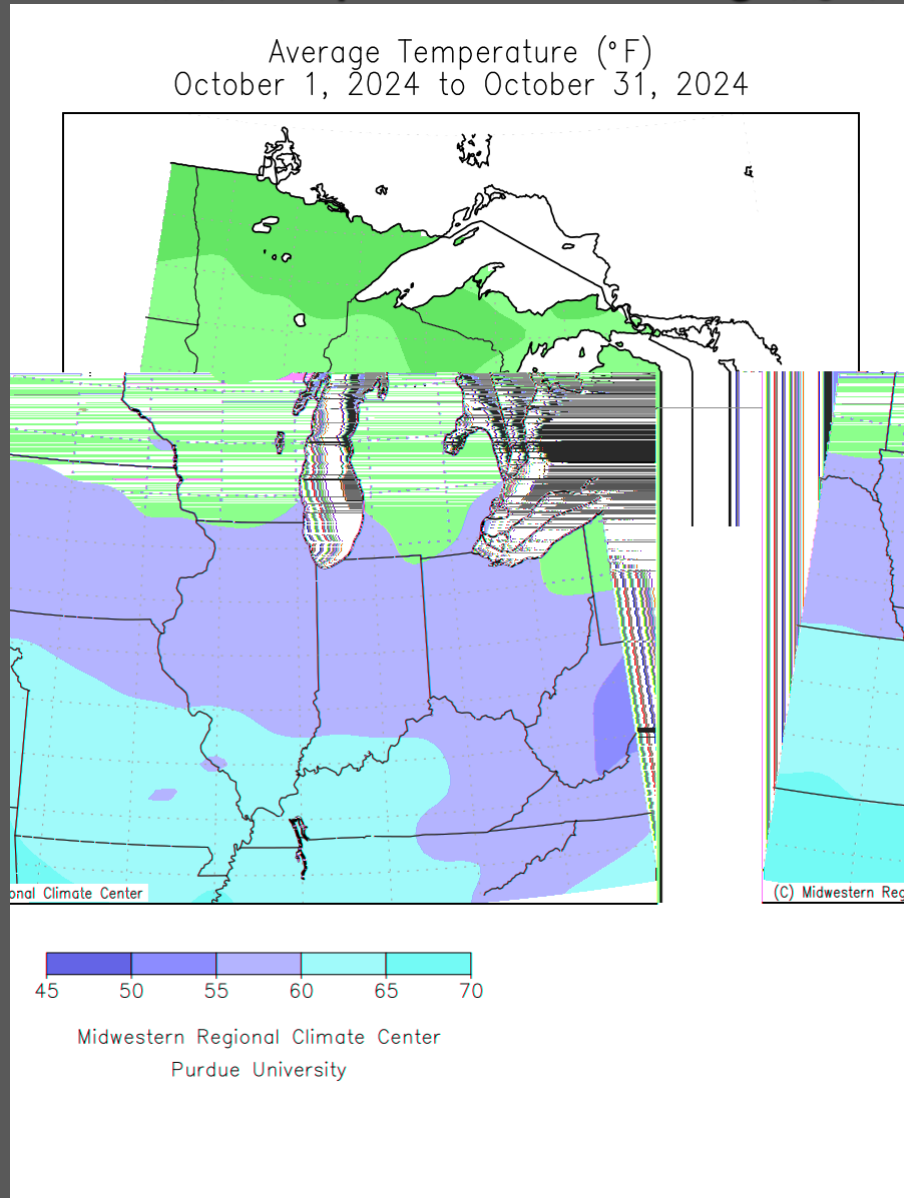


October 2024 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



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



October 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	81	30	69.0	42.8	55.9	FLINT FCWOS	79	26	67.0	41.1	54.1
ALGONAC WWTP	80	30	67.7	41.6	54.7	GOODRICH	79	29	66.0	41.2	53.6
ANN ARBOR MUNICIPAL AP	79	24	67.1	37.7	52.4	GROSSE POINTE FARMS	79	35	65.8	45.6	55.7
ANN ARBOR SE	80	28	68.0	40.1	54.0	HARBOR BEACH 1 SSE	80	31	65.3	44.1	54.7
ANN ARBOR U OF MICH	80	26	68.1	40.1	54.1	LAPEER 2W	81	27	66.4	41.9	54.2
AUBURN 2NE	82	27	68.0	40.0	54.0	LAPEER WWTP	81	28	67.1	40.5	53.8
BAD AXE	80	28	64.9	41.7	53.3	LEXINGTON WATER PLANT	82	32	65.3	43.5	54.4
BURTON 4N	81	27	67.1	38.8	53.0	LINDEN WWTP	79	28	66.6	40.7	53.7
CARO WWTP	81	28	66.0	39.0	52.5	MANCHESTER	80	31	69.2	40.6	54.9
CASS CITY 1 SSW	80	26	66.7	38.0	52.5	MIDLAND	77	27	63.6	40.8	52.2
CHELSEA	79	27	67.6	41.4	54.5	MORENCI	81	28	68.8	39.8	54.3
DEARBORN	82	30	68.4	43.5	56.0	OIL CITY 2S	79	26	65.1	35.5	50.2
DEARBORN NO. 2	80	33	68.3	46.5	57.4	OWOSSO WWTP	80	29	67.0	41.0	54.0
DETROIT CITY AP	82	34	69.1	47.7	58.4	PONTIAC INTL AP	79	29	66.5	43.0	54.7
DETROIT METRO AIRPORT	80	33	67.8	45.2	56.5	PONTIAC WWTP	80	32	66.9	44.4	55.6
DETROIT WILLOW RUN AP	81	29	67.6	42.0	54.8	RICHMOND 4 NNW	81	25	65.3	39.0	52.2
DUNDEE	80	29	70.1	42.8	56.4	SAGINAW #3	81	31	67.4	41.3	54.2
DURAND WWTP	79	27	67.3	40.6	53.9	SAGINAW MBS INTL AP	81	30	67.5	43.1	55.3
ECN DETROIT	82	34	66.4	44.7	55.6	SALINE 4SW	80	29	69.4	41.2	55.3
FARMINGTON	81	29	67.7	40.5	54.1	WHITE LAKE 4E	80	26	64.5	42.3	53.4
FLINT 7W	78	28	66.0	39.1	52.5	WHITMORE LAKE 1NW	79	28	66.6	40.9	53.8

October – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Octobers 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	44.5	1925	62.7	1963	42.5	1925	59.4	1947	40.6	1925	58.5	1963
2	44.9	1917	60.3	1947	44.3	1980	58.6	2021	42.1	1917	58.2	1947
3	45.3	1895	60.0	1900	44.5	1952	58.2	1963	43.7	1972	58.1	1971
4	45.8	1876	59.5	1920	44.7	1981	57.6	1971	43.9	1988	57.7	2021
5	46.0	1988	59.5	1879	44.8	1988	57.3	2007	44.1	1952	57.5	1920
6	46.3	1980	59.4	2021	45.2	1987	55.9	1924	44.6	1980	56.8	2007
7	46.4	1875	59.1	2007	46.0	2006	55.7	1946	44.7	1981	55.9	2017
8	46.5	1987	58.5	1971	46.1	1964	55.7	1938	45.6	1987	55.7	1931
9	47.0	1889	58.2	1946	46.2	1972	55.6	1949	46.1	2006	55.3	2024
10	47.0	1888	57.6	1882	46.8	1976	55.3	1973	46.1	2002	55.2	1956
11	47.3	1972	57.5	1956	47.3	1993	55.1	1956	46.4	1976	55.0	1973
12	47.3	1909	57.5	1931	47.3	1957	55.1	1931	46.5	1977	54.6	1914
13	47.3	1976	57.4	1949	47.4	2009	54.6	2017	46.9	1926	54.3	1946
14	47.3	1907	57.4	1924	47.6	2002	54.4	1950	47.1	1992	54.2	1938
15	47.5	1981	57.3	2017	47.6	1966	54.1	2024	47.2	1964	54.1	1927
16	47.6	1896	57.0	1881	47.7	2008	54.0	1984	47.5	1945	54.1	1924
17	47.9	1977	56.8	1953	47.9	1945	53.8	2015	47.5	1943	54.0	2016
18	48.0	1887	56.7	1927	48.0	1997	53.7	1953	47.7	2009	53.8	1949
19	48.1	1952	56.6	1914	48.0	1937	53.6	1975	47.8	1993	53.5	1975
20	48.6	1880	56.5	2024	48.1	1992	53.6	1928	47.8	1978	53.5	1970

* Detroit Area temperature records date back to January 1874.

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

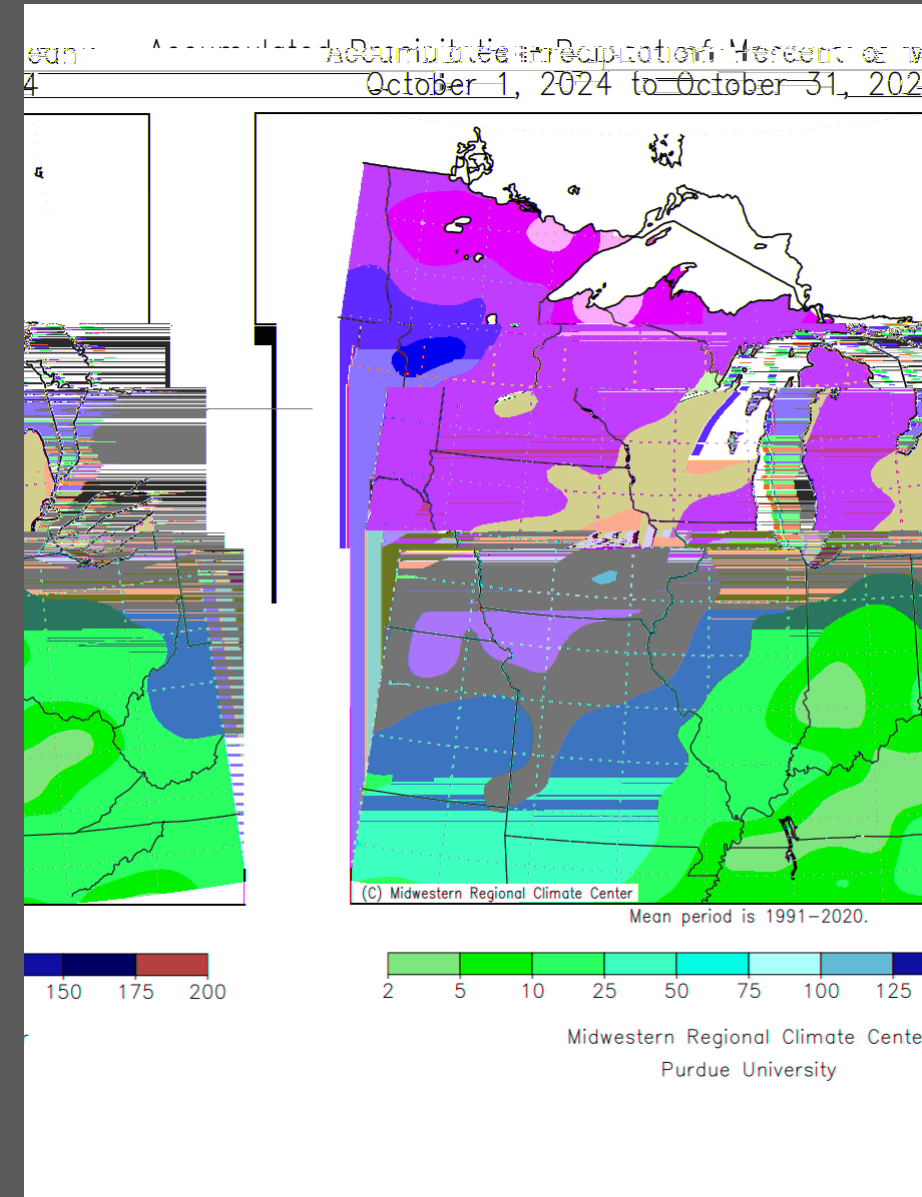
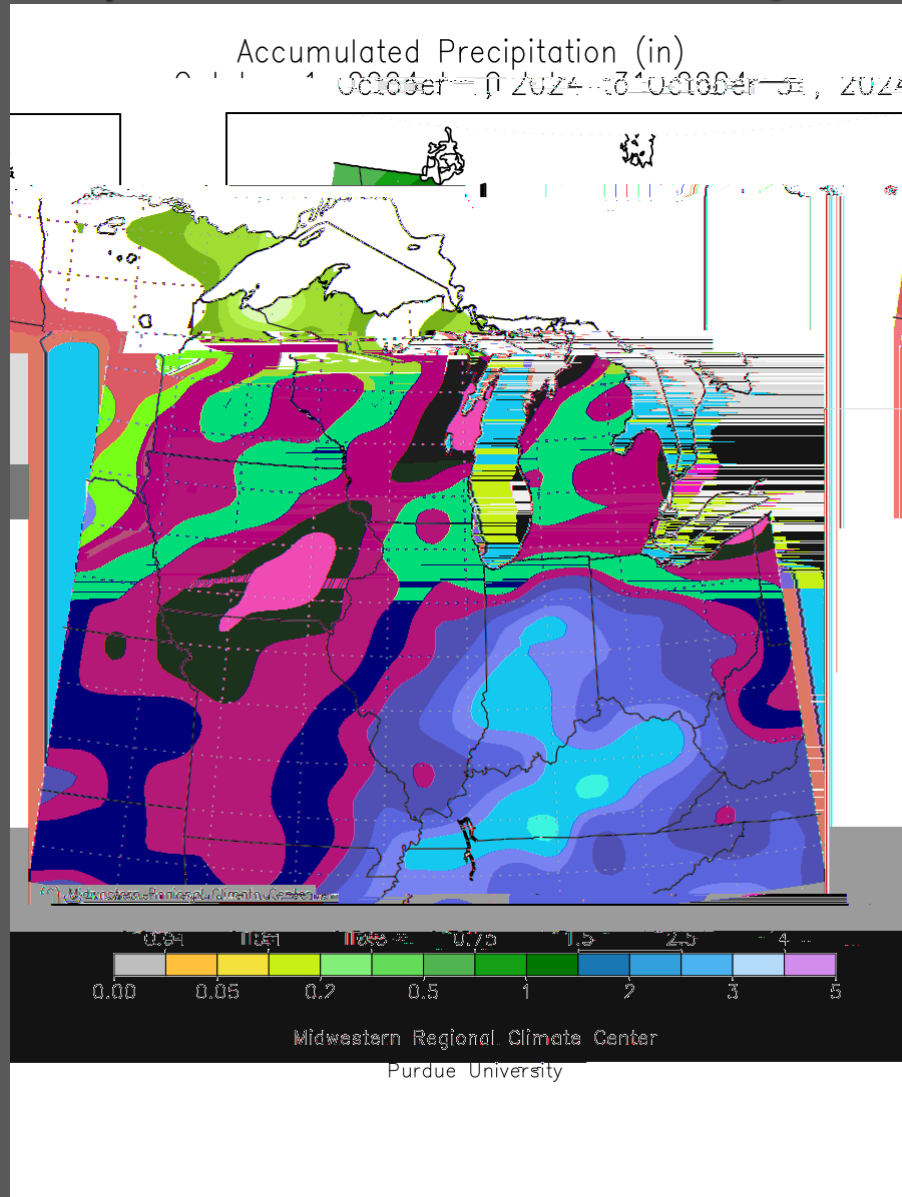
*** Saginaw Area temperature records date back to January 1912.

October 2024 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



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



October 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 LENAWEE CO AP	1.01	1.63	6	DURAND WWTP	0.65	1.32	10	MONROE 3.0 S	1.49	2.27	4
ALGONAC WWTP	0.64	1.88	8	EASTPOINTE 1.2 SSW	1.06	2.46	7	MONROE 5.9 NW	1.75	2.51	5
ANN ARBOR 7.1 W	0.87	1.49	6	ECN DETROIT	1.12	2.41	9	NEW BALTIMORE 0.4 SSE	0.87	2.04	6
ANN ARBOR SE	0.88	1.50	6	FARMINGTON	1.18	1.94	6	OIL CITY 2S	0.51	0.77	6
ANN ARBOR U OF MICH	0.98	1.60	6	FENTON 2.7 SSE	0.67	1.67	8	ORTONVILLE 2.3 S	0.67	1.75	6
BAD AXE	0.60	1.86	7	FENTON 5.6 WSW	0.62	1.45	7	OTTAWA LAKE 1.4 SSW	1.14	1.72	6
BAD AXE 6.3 SSW	0.72	1.97	7	FENTON 6.2 WSW	0.56	1.22	6	OWOSSO 1.0 NW	0.65	1.38	8
BAY PORT 3.2 SSW	0.77	2.03	8	FLINT 7W	0.78	1.39	10	OWOSSO WWTP	0.73	1.61	8
BERKLEY 0.6 N	0.88	2.00	6	FLINT FCWOS	0.43	1.22	7	PLYMOUTH 5.4 W	1.00	1.81	4
BLOOMFIELD TWP 3.1 SW	0.90	1.94	5	GOODRICH	0.62	1.43	8	PONTIAC WWTP	0.84	1.91	6
BURTON 4N	1.01	1.72	7	GROSSE POINTE FARMS	1.23	2.61	6	RICHMOND 4 NNW	1.10	2.20	7
CANTON 2.7 N	1.00	1.72	8	HARBOR BEACH 1 SSE	0.73	1.94	7	ROSEVILLE 1.7 ENE	0.71	1.76	6
CANTON 3.7 WNW	0.84	1.56	8	HIGHLAND 1.3 NE	0.76	1.77	8	SAGINAW 6.4 W	1.33	1.91	6
CASS CITY 1 SSW	0.68	1.50	8	HOLLY 6.6 NE	0.64	1.49	7	SAGINAW 8NW	1.03	1.68	5
CHELSEA	0.86	1.34	4	HOWELL 3.7 WSW	0.78	1.16	6	SAGINAW #3	1.22	2.05	8
CHELSEA 3.7 NNE	0.88	1.43	6	LAPEER 2W	1.17	1.97	9	SAGINAW MBS INTL AP	0.61	1.50	7
CHESANING	1.32	2.13	6	LAPEER 4.4 SSE	1.13	1.94	10	SALINE 3.8 SSW	1.36	1.95	6
CLAWSON 0.5 S	0.69	1.99	8	LAPEER WWTP	1.28	2.07	9	SALINE 4SW	1.37	1.97	5
CLINTON 0.5 NE	1.57	2.34	6	LEXINGTON WATER PLANT	1.00	3.16	6	SHELBY 0.4 SSE	1.00	2.28	5
DEARBORN HGHTS 1.8 NW	0.72	1.31	6	LINDEN WWTP	0.60	1.51	7	ST CHARLES 5.0 W	1.14	1.94	7
DETROIT METRO AIRPORT	0.89	1.44	6	LIVONIA 2.0 NE	0.90	1.47	4	ST CLAIR SHORES 2.5 N	0.85	2.00	8
DETROIT WILLOW RUN AP	0.79	1.32	6	MANCHESTER	1.20	1.66	5	WATERFORD 1.1 NE	0.70	1.89	8
DEXTER 0.3 ENE	0.95	1.46	7	MIDLAND	0.69	2.01	7	WHITE LAKE 4E	0.60	1.74	7
DEXTER 2.2 SE	1.02	1.78	7	MIDLAND 1.5 NNE	1.17	1.94	8	WHITMORE LAKE 1NW	1.50	3.25	5
DURAND 6.2 WNW	0.60	1.17	7	MIDLAND 4.4 SW	1.01	1.67	6	WYANDOTTE	1.17	1.73	5

October – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Octobers 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	7.80	1954	0.13	2005	6.59	2001	0.13	1923	7.78	1954	0.18	1952
2	6.76	2001	0.30	1892	6.33	2019	0.33	2005	7.49	2019	0.28	1956
3	6.52	1881	0.47	1924	5.52	1941	0.33	1944	5.57	1990	0.38	1924
4	5.67	1890	0.50	1964	5.45	2021	0.38	1956	5.33	1962	0.46	1975
5	5.50	1949	0.51	1963	4.72	1921	0.57	1982	5.29	1951	0.48	1982
6	5.45	1880	0.56	1895	4.69	2017	0.58	1963	5.29	1941	0.64	1944
7	5.25	2021	0.61	1956	4.21	1954	0.59	1952	5.08	2006	0.68	1963
8	4.98	1919	0.63	1953	4.20	1929	0.61	1964	4.96	1932	0.72	1938
9	4.96	1951	0.73	1944	4.13	1932	0.63	1938	4.76	1933	0.75	1915
10	4.87	1967	0.78	1915	4.06	1990	0.81	1935	4.73	1929	0.78	1978
11	4.83	1957	0.78	1874	4.05	2023	0.87	1948	4.45	2017	0.99	2003
12	4.77	1893	0.81	1974	3.98	1940	0.88	1966	4.45	1969	0.99	1964
13	4.72	1877	0.83	1879	3.96	1933	0.95	1924	4.28	1942	1.01	1948
14	4.61	1959	0.86	1904	3.95	1951	1.05	1930	4.19	2009	1.02	1946
15	4.45	1955	0.94	1938	3.73	1972	1.06	1965	4.11	1957	1.06	1931
16	4.41	2019	1.01	1982	3.69	2018	1.22	2024	4.04	1928	1.18	1939
17	4.35	1925	1.01	1971	3.66	1928	1.23	1953	4.03	1993	1.22	1923
18	4.30	1911	1.04	1886	3.65	1957	1.25	1958	4.01	2001	1.23	2000
19	4.20	1906	1.05	1889	3.59	2006	1.26	2008	3.99	1998	1.26	1999
20	4.14	1991	1.06	2022	3.53	1942	1.27	2002	3.99	1959	1.26	1935

* 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.

October 2024 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office
Detroit, MI



No Significant Events in October



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

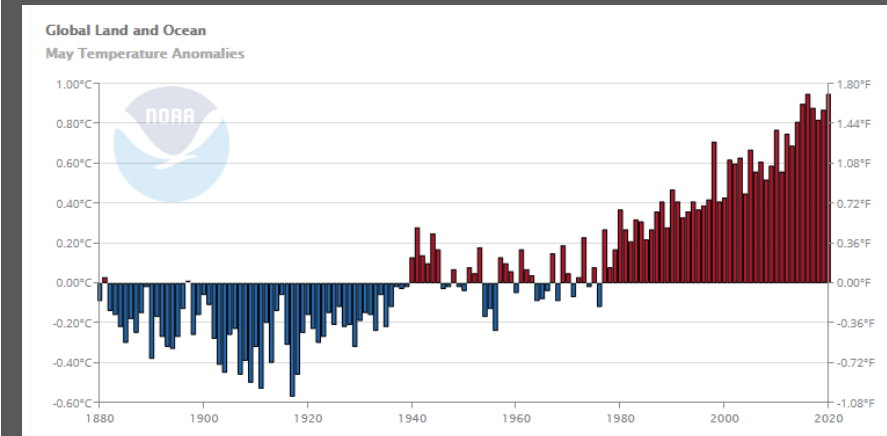
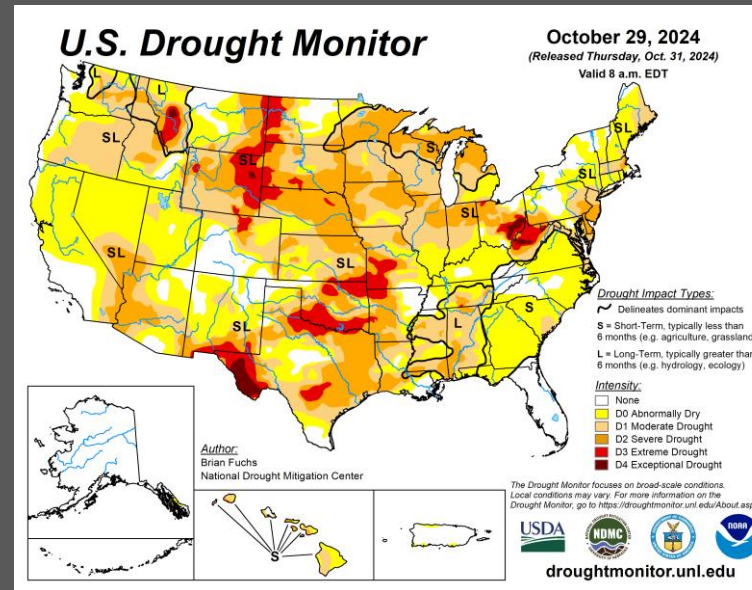
- ✓ Daily data for a month
- Daily almanac
- Monthly summarized data
- Calendar day summaries
- Daily/monthly normals
- Climatology for a day
- First/last dates
- Temperature graphs
- Accumulation graphs

Date: 2021-08 **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.

Powered by **CACIS**
10 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/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!