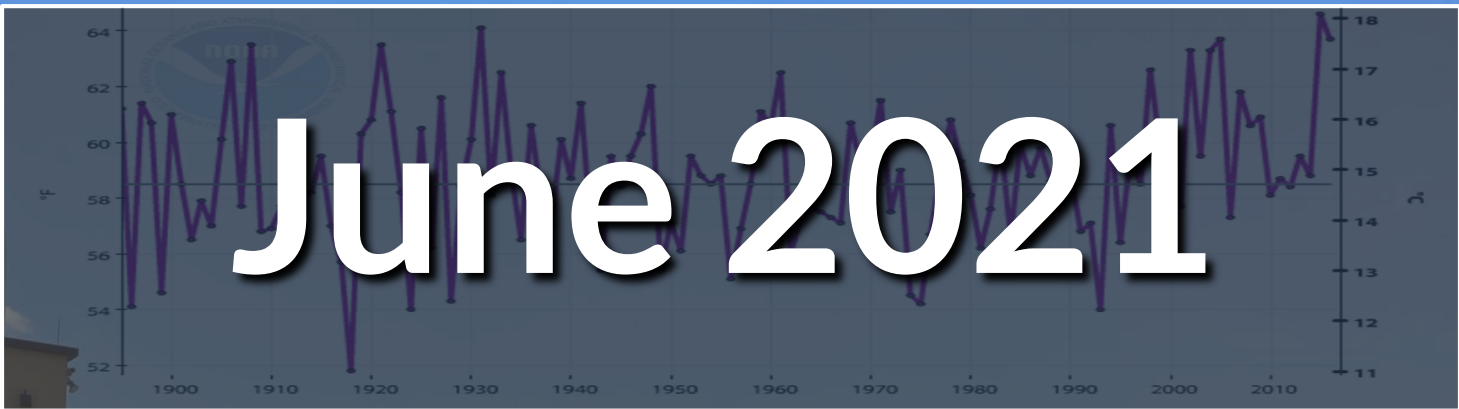
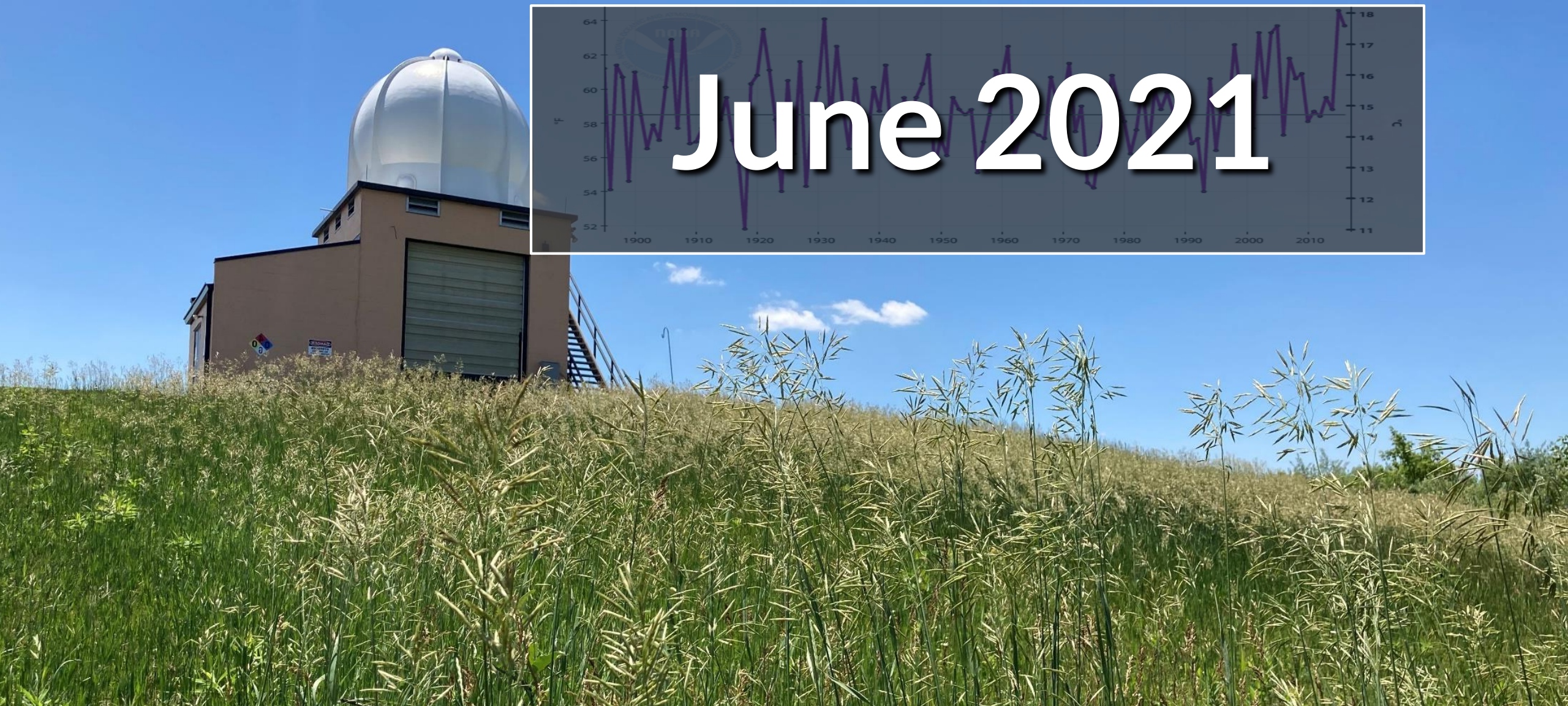


Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



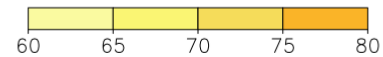
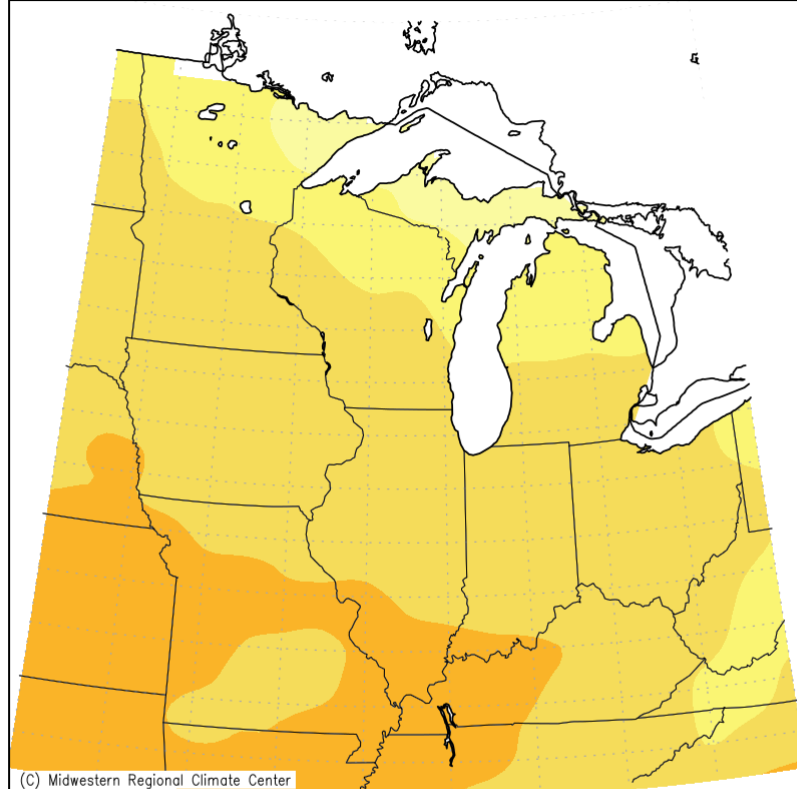
June 2021 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



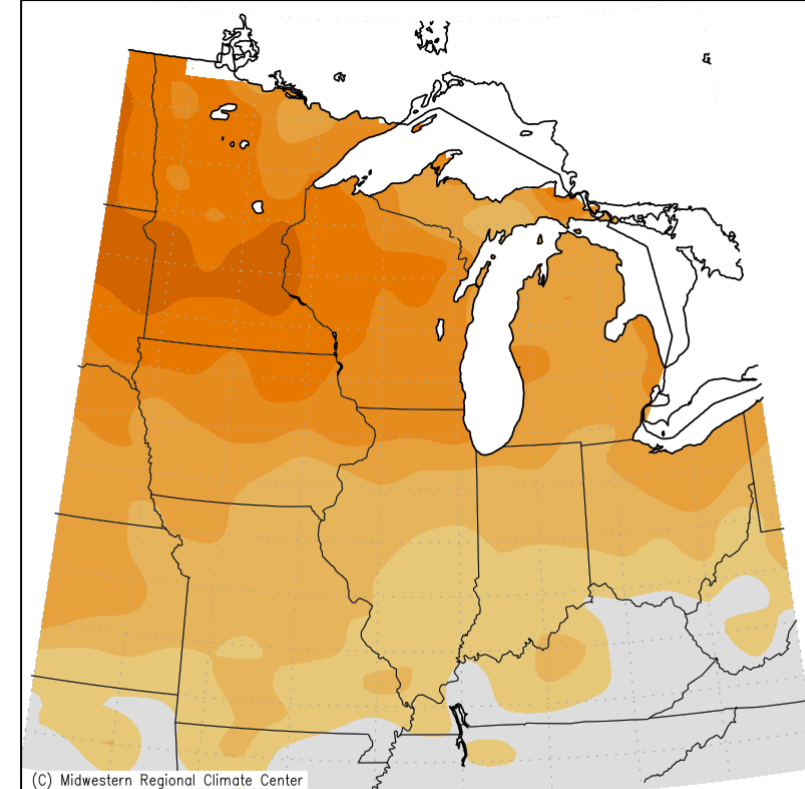
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)
June 1, 2021 to June 30, 2021



Midwestern Regional Climate Center
Illinois State Water Survey, Prairie Research Institute
University of Illinois at Urbana-Champaign

Average Temperature (°F): Departure from Mean
June 1, 2021 to June 30, 2021



Midwestern Regional Climate Center
Illinois State Water Survey, Prairie Research Institute
University of Illinois at Urbana-Champaign

June 2021 – 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 COUNTY AP	89	44	81.3	62.0	71.6	LAPEER WWTP	90	43	81.6	59.0	70.3
ALGONAC WWTP	93	45	82.7	58.6	70.7	LEXINGTON WATER PLANT	90	44	77.3	59.4	68.4
ANN ARBOR MUNICIPAL AP	89	36	81.0	57.0	69.0	LINDEN WWTP	89	39	79.0	58.3	68.7
ANN ARBOR SE	89	40	81.7	59.0	70.4	MANCHESTER	90	42	81.0	59.5	70.3
ANN ARBOR U OF MICH	89	40	82.1	59.2	70.7	MIDLAND	91	42	80.1	59.8	70.0
BAD AXE	90	41	79.8	58.1	69.1	MORENCI	89	44	80.7	60.5	70.6
BURTON 4N	90	39	80.8	57.6	69.2	NEWPORT 4SSE	91	44	82.4	62.3	72.4
CARO WWTP	91	42	81.2	58.3	69.8	OWOSSO WWTP	92	42	80.8	59.5	70.2
CASS CITY 1 SSW	90	40	79.8	56.6	68.2	PONTIAC INTL AP	88	45	80.5	61.7	71.1
CHELSEA	90	42	80.8	59.9	70.4	PONTIAC WWTP	90	44	81.0	61.6	71.3
DEARBORN NO. 2	91	46	82.1	64.4	73.2	PORT HOPE	91	52	80.5	62.1	71.3
DETROIT CITY AP	92	48	83.8	65.4	74.6	PORT HURON	89	49	79.9	63.5	71.7
DETROIT METRO AIRPORT	90	45	81.9	63.7	72.8	RICHMOND 4 NNW	91	43	81.5	61.2	71.3
DETROIT WILLOW RUN AP	94	46	84.2	64.1	74.2	SAGINAW #3	92	44	81.3	60.8	71.0
DUNDEE	91	40	82.0	61.3	71.7	SAGINAW MBS INTL AP	91	41	81.3	60.8	71.1
FARMINGTON	88	42	80.2	59.4	69.8	SALINE 4SW	98	41	83.4	59.1	71.2
FILION 5NNW	91	46	80.9	59.9	70.4	TECUMSEH	92	38	83.7	55.2	69.4
FLINT FCWOS	92	42	80.9	59.3	70.1	TIPTON 2WNW	91	40	82.1	58.7	70.4
GOODRICH	90	41	79.9	59.3	69.6	VASSAR	91	39	81.5	57.2	69.4
GROSSE POINTE FARMS	96	46	82.3	63.2	72.8	WHITE LAKE 4E	87	37	78.0	55.8	66.9
HARBOR BEACH 1 SSE	92	44	75.4	58.9	67.2	WHITMORE LAKE 1NW	88	41	79.3	57.6	68.4
LAPEER 2W	92	41	81.2	59.6	70.4						

June – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Junes 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	62.8	1985	74.6	1933	60.1	1969	75.0	1933	60.6	1982	73.8	1933
2	62.8	1903	74.1	2005	60.9	1958	74.9	1934	61.0	1926	73.5	1919
3	63.1	1915	74.0	1919	61.5	1980	72.1	1949	61.5	1915	72.3	1971
4	63.4	1928	73.3	1949	62.5	1985	71.7	1925	61.8	1958	72.3	1934
5	63.4	1926	73.2	1934	62.5	1972	71.5	1921	61.9	1917	71.7	2005
6	63.4	1916	72.8	2021	62.9	1982	71.4	2020	62.1	1980	71.1	2021
7	63.6	1927	72.8	1943	63.1	1977	71.3	1943	62.1	1916	70.5	1976
8	63.7	1980	72.7	1952	63.3	1960	71.2	2005	62.3	1945	70.5	1931
9	63.7	1889	72.4	1991	63.4	1928	70.3	1952	62.6	1928	70.4	1949
10	63.8	1878	72.3	2012	63.6	1945	70.3	1987	62.7	1977	70.3	1967
11	63.9	1958	72.2	1994	63.8	1927	70.3	1939	62.8	1985	70.2	1932
12	63.9	1902	71.6	1995	64.2	1992	70.1	2021	63.2	1947	70.0	1995
13	64.1	1917	71.6	1890	64.5	1947	69.8	1931	63.5	1969	69.9	2007
14	64.2	1982	71.5	2018	64.6	2003	69.8	1923	63.7	1972	69.9	1923
15	64.2	1972	71.5	1944	64.7	1961	69.7	2016	63.8	1927	69.9	1930
16	64.4	1881	71.4	2010	64.9	1986	69.7	1991	64.2	1940	69.9	1921
17	64.6	1935	71.4	1921	64.9	2009	69.6	1954	64.2	1978	69.8	2012
18	64.6	1897	71.3	2007	64.9	1974	69.6	1932	64.2	1924	69.8	1987
19	64.7	1969	71.3	1954	65.1	1978	69.5	1971	64.3	1918	69.7	2014
20	64.8	1907	71.3	1987	65.1	1948	69.5	1944	64.4	1986	69.7	1999

* 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.

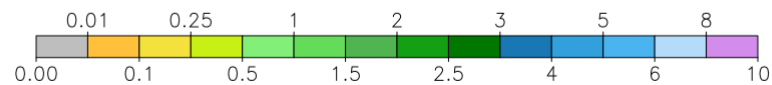
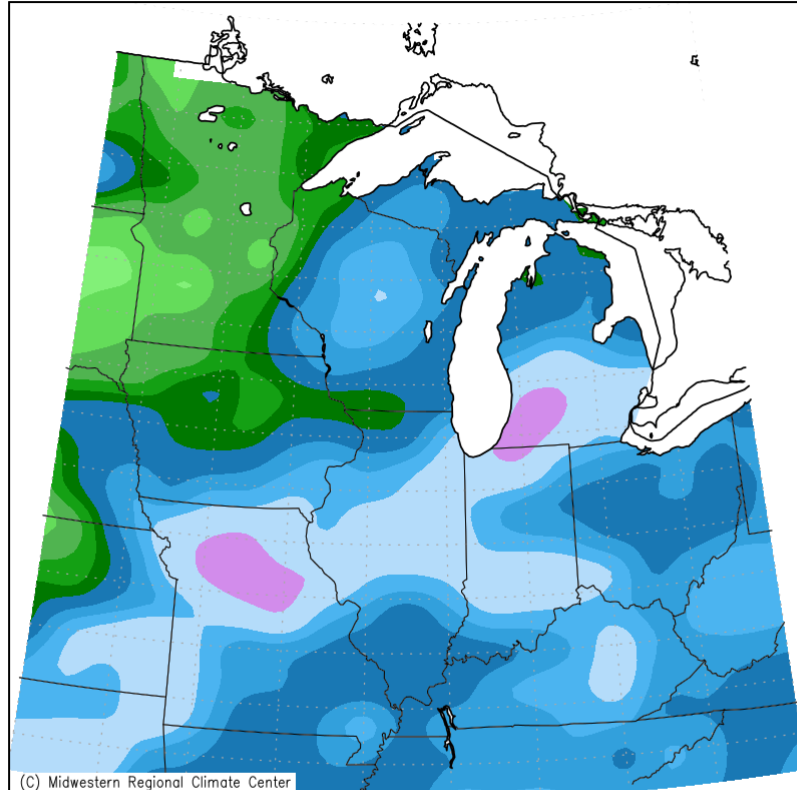
June 2021 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



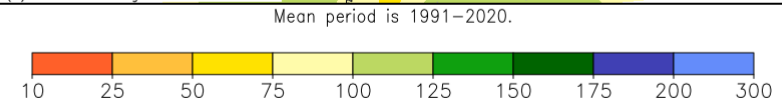
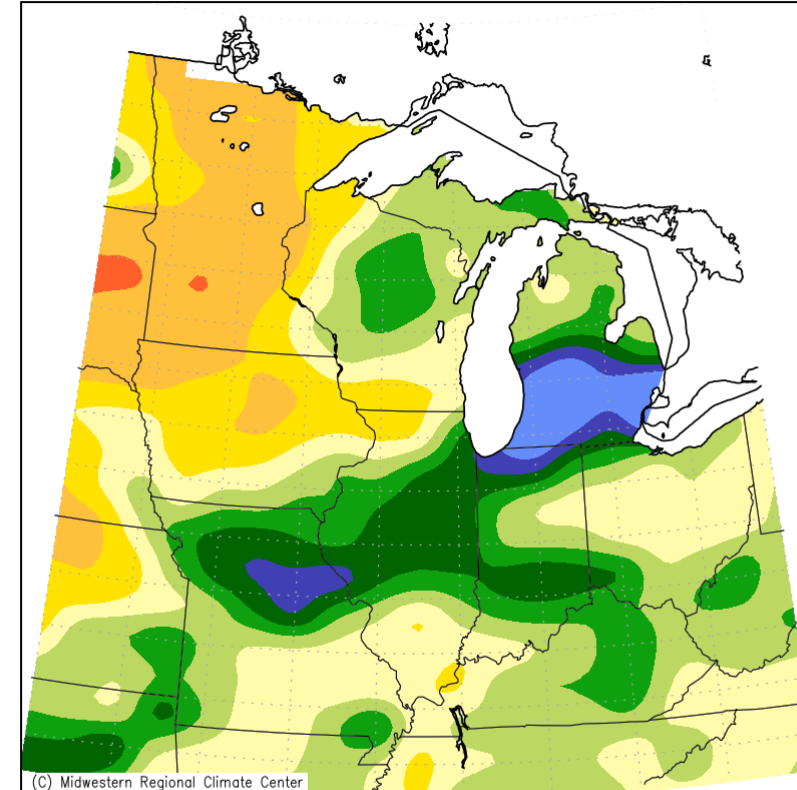
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)
June 1, 2021 to June 30, 2021



Midwestern Regional Climate Center
Illinois State Water Survey, Prairie Research Institute
University of Illinois at Urbana-Champaign

Accumulated Precipitation: Percent of Mean
June 1, 2021 to June 30, 2021



Midwestern Regional Climate Center
Illinois State Water Survey, Prairie Research Institute
University of Illinois at Urbana-Champaign

June 2021 – 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	1.57	5.68	15	DETROIT WILLOW RUN AP	1.10	6.21	15	MORENCI	1.30	5.53	15
ALGONAC WWTP	2.30	5.61	9	DEXTER 2.2 SE	2.87	6.48	17	NEWPORT 4SSE	2.89	5.54	7
ANN ARBOR 4.5 W	2.76	6.07	17	DURAND WWTP	2.02	7.26	18	OWOSSO WWTP	2.20	7.09	21
ANN ARBOR 7.1 W	2.72	6.57	14	FARMINGTON	3.53	8.10	12	PLYMOUTH 5.4 W	2.49	5.81	13
ANN ARBOR SE	5.33	9.38	14	FENTON 2.7 SSE	2.21	8.36	18	PONTIAC INTLAP	0.99	5.38	18
ANN ARBOR U OF MICH	3.47	8.13	17	FENTON 6.2 WSW	1.60	6.72	13	PONTIAC WWTP	2.74	8.78	14
BAD AXE	1.35	3.08	11	FILION 5NNW	1.18	2.11	11	PORT HOPE	1.15	2.89	12
BAD AXE 0.5 SSW	1.23	3.02	11	FLINT FCWOS	1.42	6.40	16	PORT HURON	1.83	5.28	10
BAY PORT 3.2 SSW	0.97	1.74	9	GOODRICH	1.46	5.98	16	PORT HURON 1.6 W	3.16	5.98	12
BLOOMFIELD TWP 3.1 SW	4.37	8.54	11	HARBOR BEACH 1 SSE	0.84	2.53	13	PORT HURON 2.8 WSW	3.25	6.45	11
BURTON 4N	2.17	6.05	17	HOWELL 4.9 ESE	1.61	6.59	16	RICHMOND 4 NNW	4.23	8.33	11
CARLETON 2.5 S	2.78	4.89	10	LAPEER 2W	1.60	5.16	16	ROSEVILLE 1.7 ENE	2.53	5.93	14
CAROWWTP	1.60	5.55	13	LAPEER WWTP	1.43	4.53	14	SAGINAW 6.4 W	2.05	5.22	11
CASS CITY 1 SSW	1.60	3.72	11	LEXINGTON WATER PLANT	1.45	3.39	15	SAGINAW #3	1.66	6.24	15
CHELSEA	1.53	4.94	17	LINDEN WWTP	1.57	7.10	18	SAGINAW MBS INTLAP	1.14	5.05	13
CHELSEA 2.4 S	2.28	5.64	14	LIVONIA 2.0 NE	2.55	5.98	14	TIPTON 2WNW	1.70	7.71	15
CHELSEA 3.7 NNE	1.62	4.54	15	MANCHESTER	3.11	7.37	15	VASSAR	1.94	5.07	17
CHESANING	1.85	6.21	16	MIDLAND	1.64	5.03	12	WHITE LAKE 4E	0.95	6.48	17
COLUMBIAVILLE 5.7 ENE	2.20	5.87	15	MIDLAND 1.5 NNE	1.35	4.46	13	WHITMORE LAKE 1NW	1.40	6.26	17
DAVISON 5.2 N	1.72	4.88	16	MIDLAND 2.9 SW	1.47	4.74	12	WYANDOTTE	1.61	4.62	11
DEARBORN HGHTS 1.8 NW	5.18	8.83	14	MILFORD 4.3 ESE	1.67	5.14	13	YPSILANTI 2.5 SSE	1.58	5.72	14
DETROIT METRO AIRPORT	1.98	5.16	13	MONROE 3.0 S	2.25	4.86	10				

June – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Junes 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	8.31	1892	0.55	1895	6.57	2009	0.63	1988	10.76	2017	0.61	1988
2	7.04	1987	0.94	2011	6.52	1994	0.67	2016	6.92	1996	0.64	1952
3	6.97	1902	0.97	1988	6.40	2021	0.72	1995	5.82	1928	0.76	1912
4	6.97	1896	1.01	1959	5.87	1949	0.79	1933	5.65	2008	1.03	1927
5	6.58	1960	1.04	1984	5.58	1943	0.83	2012	5.15	1967	1.19	1956
6	6.42	1980	1.06	1952	5.48	2019	0.90	1952	5.09	1935	1.23	1925
7	6.32	1903	1.07	2002	5.46	2015	0.92	1984	5.05	2021	1.38	1918
8	6.05	1993	1.08	1904	5.40	1968	1.14	1959	4.93	1917	1.39	1964
9	6.01	2013	1.19	1933	5.37	1928	1.19	1932	4.92	1994	1.48	1959
10	5.90	1881	1.30	2016	5.36	1967	1.25	1998	4.83	1987	1.50	1991
11	5.75	1986	1.31	2012	5.31	1962	1.37	1925	4.75	1915	1.53	1990
12	5.49	1920	1.35	1932	5.23	1993	1.48	2002	4.71	1976	1.53	1923
13	5.46	1999	1.39	1934	5.13	1986	1.54	1985	4.67	1954	1.55	1997
14	5.42	2010	1.42	1913	4.90	1989	1.57	1997	4.62	1948	1.57	1929
15	5.32	2015	1.46	1922	4.82	1948	1.57	1934	4.56	2011	1.62	1941
16	5.27	2009	1.47	1910	4.70	1977	1.60	1987	4.49	2010	1.65	2006
17	5.24	1906	1.48	1911	4.68	1975	1.62	1923	4.41	1943	1.70	1934
18	5.16	2021	1.51	1876	4.56	1940	1.66	1978	4.37	1945	1.73	1966
19	5.15	1898	1.55	1995	4.51	2013	1.66	1922	4.22	1939	1.75	1963
20	4.99	1968	1.61	1956	4.44	1945	1.77	1927	4.21	1940	1.77	2016

* 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.

June 2021 – Significant Weather Events

Weather Forecast Office
Detroit, MI



Follow links for web summaries

June 12 Severe Weather
[weather.gov/dtx/SevereThunderstorms-06-12-2021](https://www.weather.gov/dtx/SevereThunderstorms-06-12-2021)



June 20 Severe Weather and Riga Tornado
[weather.gov/dtx/SevereThunderstorms-and-Riga-Tornado-June-20-2021](https://www.weather.gov/dtx/SevereThunderstorms-and-Riga-Tornado-June-20-2021)



June 25 – 26 Metro Detroit Flooding and Port Austin Tornado
[weather.gov/dtx/MetroDetroitFlooding_PortAustinTornado_June2021](https://www.weather.gov/dtx/MetroDetroitFlooding_PortAustinTornado_June2021)





Observed Weather | Climate Locations | Climate Prediction | Climate Resources | Local Data/Records | Astronomical | NOWData

Observed Weather Reports

1. Product »
 Daily Climate Report (CLI)
 Preliminary Monthly Climate Data (CF6)
 Record Event Report (RER)
 Monthly Weather Summary (CLM)
 Regional Summary (RTP)
 State Summary (Temp/Precip)

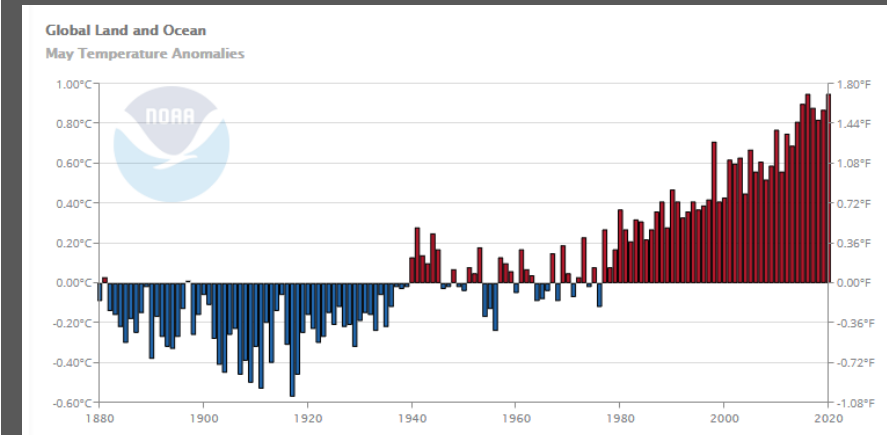
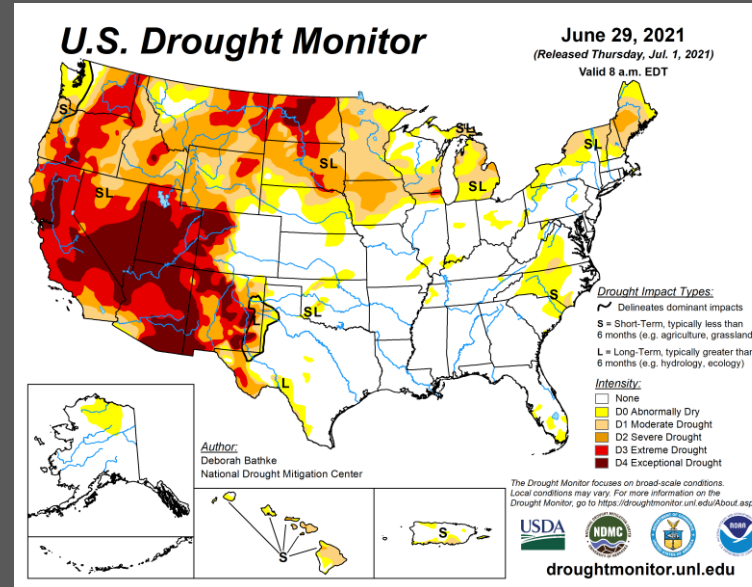
2. Location »
Detroit
Flint
Saginaw

3. Timeframe »
 Most Recent
 Archived Data:
July 3rd, 2020
July 2nd, 2020
July 1st, 2020
June 30th, 2020
June 29th, 2020
June 28th, 2020

4. View »
Go

[Storm Event Database \(NCDC\)](#)

Product Description:
DAILY CLIMATE REPORT - issued daily:
Detailed daily weather statistics (usually for yesterday), including temperature, precipitation, degree days, wind, humidity, sunrise/sunset, and record temperature data for the following day. Precipitation data includes both calendar year and water year totals, percent of normal values, and comparisons to normal. This product is



SE Michigan Climate Products

weather.gov/climate/index.php?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!