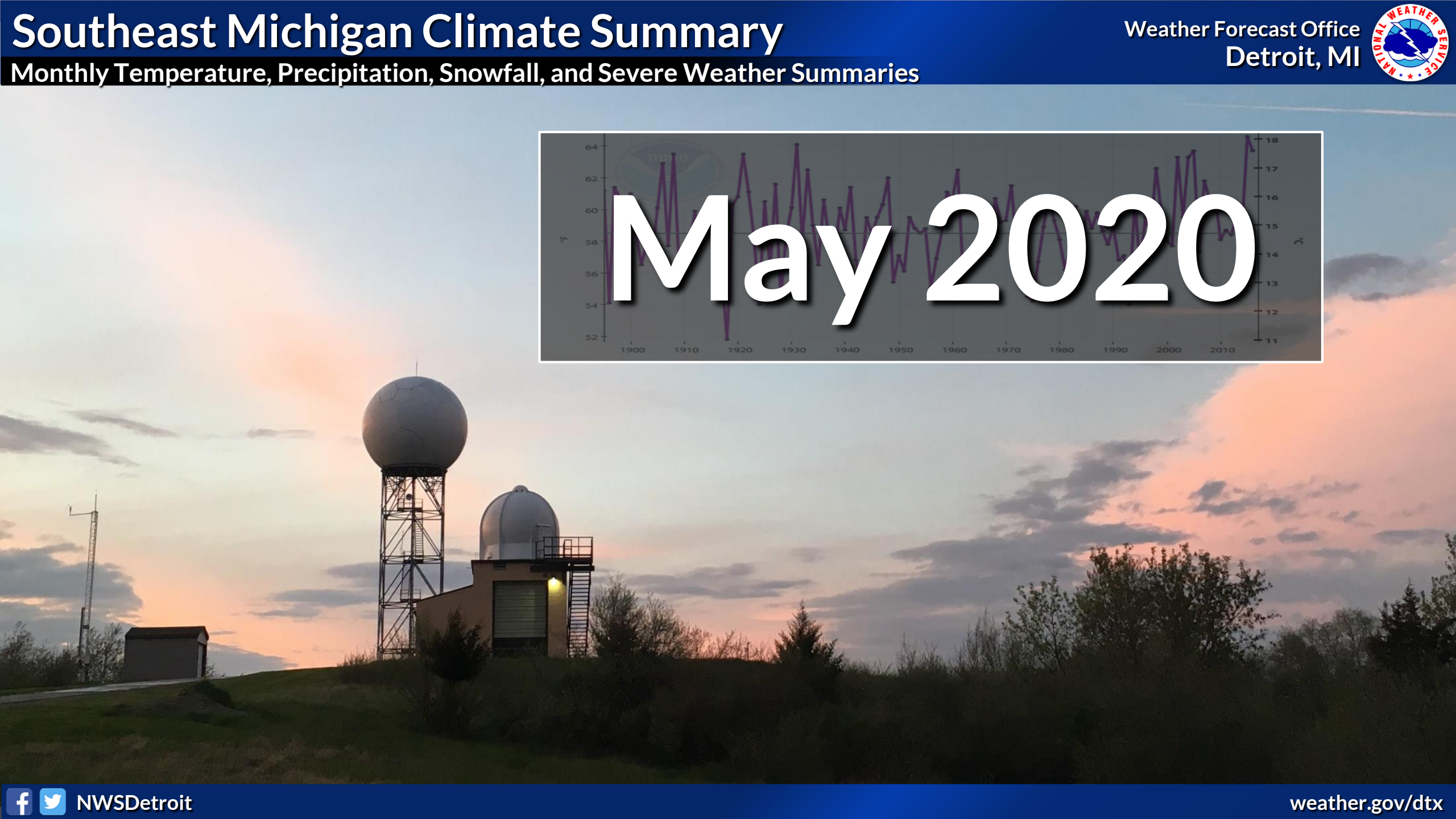


# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office  
Detroit, MI



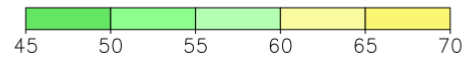
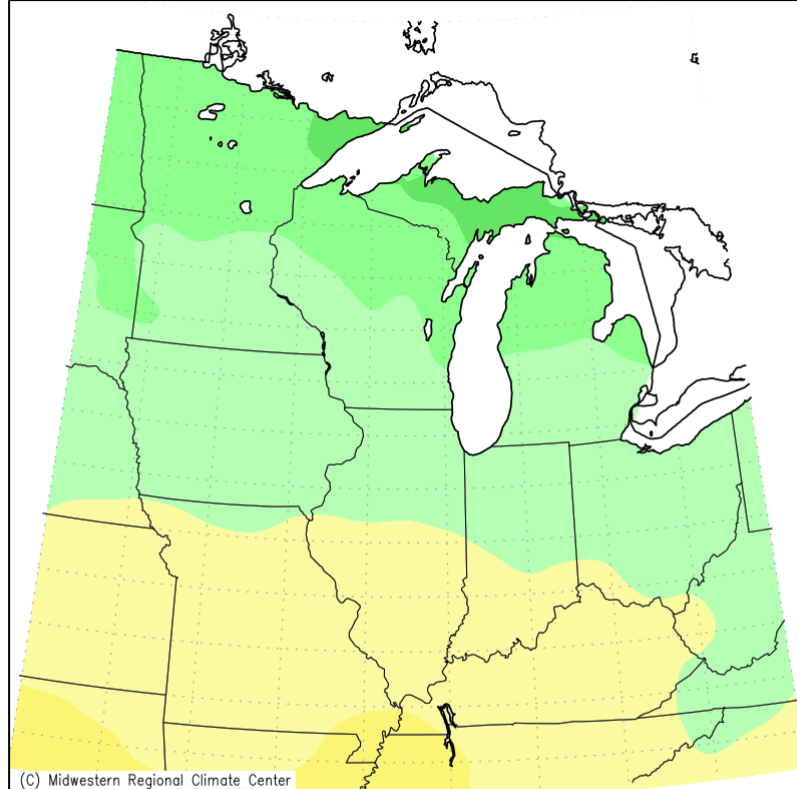
# May 2020 – Regional Temperature Summary

Weather Forecast Office  
Detroit, MI



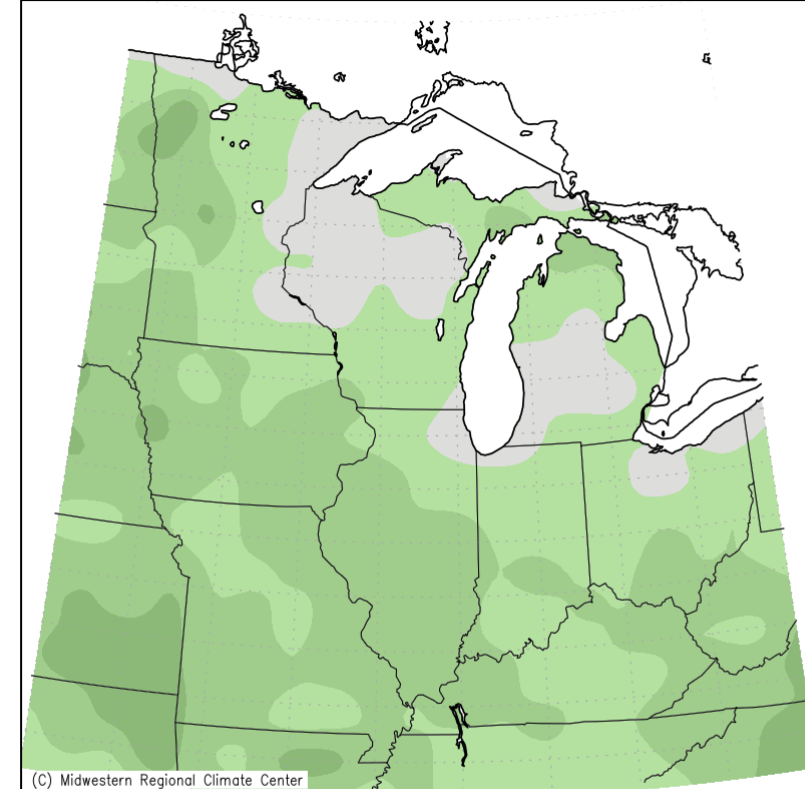
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)  
May 1, 2020 to May 31, 2020

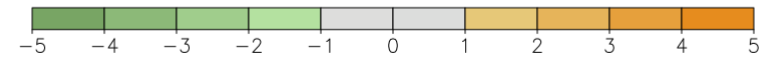


Midwestern Regional Climate Center  
Illinois State Water Survey, Prairie Research Institute  
University of Illinois at Urbana-Champaign

Average Temperature (°F): Departure from Mean  
May 1, 2020 to May 31, 2020



Mean period is 1981-2010.



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

# May 2020 – SE Michigan Temperature Summary

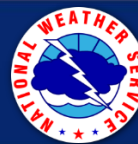
Weather Forecast Office  
Detroit, MI



Warmest, Coldest, and Averages (°F)

Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg
ADRIAN LENAWEE COUNTY AP	89	26	66.1	46.8	56.5
ANN ARBOR MUNICIPAL AP	87	24	66.0	45.0	55.5
ANN ARBOR SE	90	26	67.0	45.8	56.4
ANN ARBOR U OF MICH	88	26	68.3	46.4	57.3
BAD AXE	88	24	62.6	42.6	52.6
BURTON 4N	91	25	67.1	44.4	55.7
CARLETON 2W	88	26	67.4	49.4	58.4
CARO WWTP	92	25	65.6	44.1	54.9
CASS CITY 1 SSW	89	24	65.7	43.1	54.4
CHELSEA	91	26	67.2	47.6	57.4
DETROIT CITY AP	88	30	66.7	48.7	57.7
<b>DETROIT METRO AIRPORT</b>	<b>87</b>	<b>27</b>	<b>66.7</b>	<b>48.7</b>	<b>57.7</b>
DETROIT WILLOW RUN AP	93	28	70.1	49.6	59.9
DURAND WWTP	92	25	68.5	46.2	57.4
FARMINGTON	89	27	65.2	45.6	55.4
FILION 5NNW	90	29	64.5	46.5	55.7
FLINT 7W	89	26	65.6	45.4	55.5
<b>FLINT FCWOS</b>	<b>92</b>	<b>25</b>	<b>68.9</b>	<b>47.9</b>	<b>58.4</b>
GOODRICH	90	27	66.2	45.9	56.1
GROSSE POINTE FARMS	88	27	64.5	45.7	55.0
HARBOR BEACH 1 SSE	82	27	58.5	43.0	50.7

Location	Highest Temp	Lowest Temp	Avg High	Avg Low	Monthly Avg
LAPEER 2W	93	24	66.3	45.7	56.0
LAPEER WWTP	91	26	66.8	46.0	56.4
LEXINGTON WATER PLANT	85	24	59.4	43.1	51.2
LINDEN WWTP	88	27	65.2	45.7	55.4
MANCHESTER	91	26	67.0	46.1	56.5
MIDLAND	89	27	64.8	45.9	55.4
MILAN WWTP	88	26	66.1	47.8	56.9
MILFORD GM PROVING GROUND	89	26	65.8	45.1	55.4
MORENCI	93	23	68.9	44.8	56.9
NEWPORT 4SSE	84	26	63.5	47.2	55.3
OWOSSO WWTP	91	25	66.9	45.3	56.1
PONTIAC INTL AP	88	28	65.6	46.9	56.3
PONTIAC WWTP	88	29	66.9	47.4	57.1
PORT HOPE	86	27	58.2	43.4	50.8
PORT HURON	89	30	63.6	47.5	55.6
RICHMOND 4 NNW	92	27	64.9	45.8	55.3
SAGINAW #3	92	28	66.6	46.1	56.3
<b>SAGINAW MBS INTL AP</b>	<b>90</b>	<b>28</b>	<b>66.4</b>	<b>46.7</b>	<b>56.5</b>
SALINE 4SW	90	28	66.9	46.1	56.5
WHITE LAKE 4E	85	24	62.7	43.8	53.3
YALE 1 NNW	88	22	63.3	40.4	51.8



## Top 20 Coldest/Warmest Mays 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	51.1	1907	66.5	1991	48.7	1997	65.0	1982	49.8	1924	64.6	1977
2	51.3	1917	66.2	2018	50.0	1966	65.0	1936	49.9	1945	64.0	1998
3	51.8	1967	65.5	1998	50.6	1967	64.7	1934	50.0	1917	63.7	2018
4	51.9	1966	65.3	2012	50.6	1945	64.4	1922	50.2	1997	63.4	1975
5	52.0	1997	65.3	1896	51.5	1984	64.2	1991	51.3	1947	63.2	1991
6	52.1	1924	65.2	1962	51.9	1947	63.4	2018	51.6	1967	62.8	1936
7	52.5	1945	64.7	1911	52.5	1961	62.9	2015	51.6	1915	62.7	1934
8	52.6	1935	64.5	2015	52.6	1973	62.9	2012	51.8	1925	62.5	1982
9	52.7	1882	64.4	1977	52.7	1954	62.9	1998	51.9	2002	62.5	1922
10	53.1	1915	64.3	1881	52.9	1968	62.7	1987	51.9	1983	62.2	2012
11	53.8	1947	64.2	1982	52.9	1924	62.6	1977	51.9	1954	61.6	2015
12	53.9	1910	63.7	1964	53.1	2002	61.9	2013	52.1	1966	61.5	2013
13	54.2	1883	63.7	1880	53.4	2005	61.9	1939	52.5	1946	61.5	1962
14	54.3	1888	63.6	2013	53.5	1983	61.8	1975	52.7	1935	61.3	2010
15	54.4	1983	63.3	1987	53.8	1974	61.6	1965	52.8	1948	61.1	1964
16	54.5	1984	63.3	1944	53.8	1948	61.5	1962	53.0	1974	61.1	1959
17	54.5	2002	63.1	1965	54.0	1957	61.4	1944	53.1	1956	61.0	1985
18	54.5	1890	63.0	1887	54.1	1963	61.1	1933	53.4	1957	60.7	1965
19	54.7	1954	62.8	1975	54.1	1935	61.1	1921	53.4	1923	60.5	1988
20	54.7	1925	62.8	1936	54.1	1925	60.9	1959	53.6	2003	60.4	1987

\* 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.

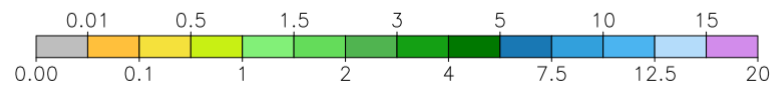
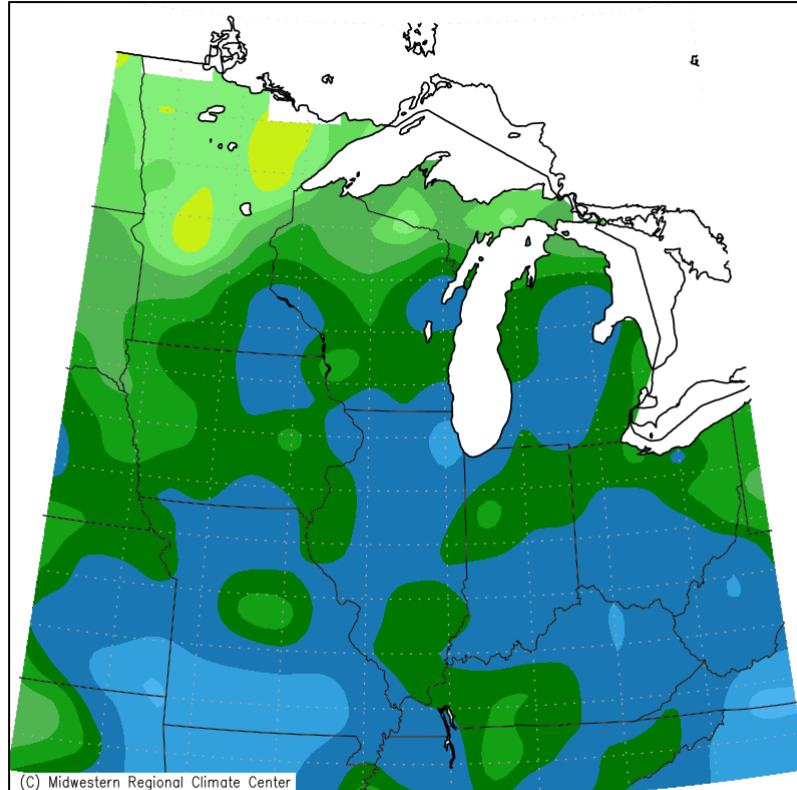
# May 2020 – Regional Precipitation Summary

Weather Forecast Office  
Detroit, MI



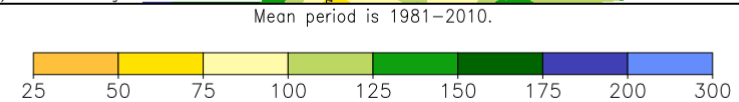
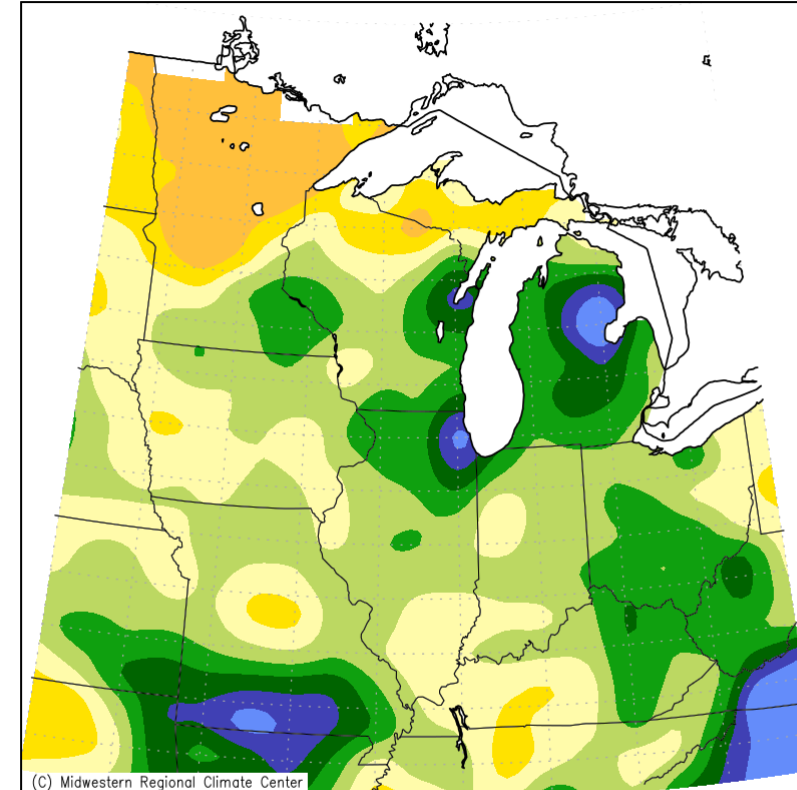
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)  
May 1, 2020 to May 31, 2020



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

Accumulated Precipitation: Percent of Mean  
May 1, 2020 to May 31, 2020



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

# May 2020 – 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 COUNTY AP	1.91	4.06	9	DURAND WWTP	1.80	5.58	13	ORCHARD LK VIL 0.9 WSW	1.54	4.41	11
ANN ARBOR 2.1 WNW	2.40	5.42	11	FARMINGTON	1.41	4.24	9	ORTONVILLE 2.3 S	1.07	4.07	14
ANN ARBOR 3.0 SE	2.00	4.06	12	FENTON 2.7 SSE	1.50	5.17	14	OTTAWA LAKE 1.4 SSW	1.99	4.90	13
ANN ARBOR 3.1 SE	1.99	3.99	13	FENTON 6.2 WSW	1.37	4.60	12	OWOSSO WWTP	2.17	6.85	13
ANN ARBOR 4.5 W	2.56	5.40	10	FILION 5NNW	1.86	4.76	11	PLYMOUTH 5.4 W	1.23	3.89	10
ANN ARBOR SE	1.89	4.23	13	FLINT 7W	1.66	4.69	12	PLYMOUTH 6.3 W	1.20	3.66	12
ANN ARBOR U OF MICH	1.29	4.06	12	<b>FLINT FCWOS</b>	<b>2.57</b>	<b>5.36</b>	<b>10</b>	PONTIAC INTL AP	1.07	4.57	10
BAD AXE	1.05	3.47	12	GOODRICH	1.01	2.56	11	PONTIAC WWTP	1.65	4.64	10
BAY PORT 3.2 SSW	1.69	4.58	9	GRAND BLANC 2.9 SE	1.36	4.88	12	PORT HOPE	3.76	6.34	9
BELLEVILLE 2.8 ESE	1.67	3.95	12	GROSSE ILE 1.6 N	1.26	3.72	13	PORT HURON	0.75	2.82	10
BLOOMFIELD TOWNSHIP 3.1 SW	1.80	4.47	8	GROSSE POINTE FARMS	1.15	3.84	11	PORT HURON 1.6 W	1.02	3.55	14
BURTON 4N	1.25	5.67	13	HARBOR BEACH 1 SSE	1.69	4.43	8	RICHMOND 4 NNW	0.93	3.05	10
CARLETON 2.5 S	2.00	5.14	13	LAPEER 2W	1.06	3.84	14	ROSEVILLE 1.7 ENE	1.14	3.27	11
CARLETON 2W	1.25	3.60	12	LAPEER WWTP	1.00	3.99	11	SAGINAW 6.4 W	2.41	6.32	13
CASS CITY 1 SSW	0.93	4.04	8	LINDEN WWTP	1.40	5.22	13	SAGINAW 8NW	2.63	6.99	12
CHELSEA	1.86	5.04	13	LIVONIA 2.0 NE	1.54	4.69	10	<b>SAGINAW MBS INTL AP</b>	<b>3.12</b>	<b>5.91</b>	<b>10</b>
CHESTERFIELD 2.4 E	0.68	3.02	11	LIVONIA 2.3 NNW	1.36	3.99	13	SALINE 3.8 SSW	2.79	5.97	14
CLARKSTON 1.4 NE	1.18	4.49	14	MANCHESTER	2.09	5.19	14	SALINE 4SW	2.80	6.18	15
CLINTON 2.3 N	1.00	2.98	10	MIDLAND	3.83	7.20	10	SHELBY 0.4 SSE	1.56	3.99	9
DAVISBURG 1.3 ESE	1.36	4.84	15	MIDLAND 1.5 NNE	2.66	7.54	11	SHELBY 2.6 SW	1.60	4.14	12
DAVISON 5.2 N	0.86	2.71	11	MIDLAND 2.9 SW	2.06	6.65	9	UTICA 2.9 E	0.90	2.90	12
DEARBORN HEIGHTS 1.8 NW	1.71	4.81	11	MILAN WWTP	1.52	4.33	11	WATERFORD 2.1 NW	1.28	4.11	13
DETROIT 4.4 S	0.86	2.84	12	MILLINGTON 3 SE	1.10	3.87	8	WHITE LAKE 0.5 E	1.50	5.24	12
DETROIT CITY AP	0.86	3.34	11	MONROE 3.0 S	0.98	3.31	13	WHITE LAKE 4E	1.43	4.27	9
<b>DETROIT METRO AIRPORT</b>	<b>1.71</b>	<b>3.62</b>	<b>10</b>	MORENCI	2.41	5.80	12	WIXOM 2.0 NNW	1.43	4.83	11
DETROIT WILLOW RUN AP	1.63	3.32	8	NEW BALTIMORE 0.4 SSE	0.89	3.13	14	WYANDOTTE	1.19	3.56	12
DEXTER 2.2 SE	2.62	5.72	11	NEWPORT 4SSE	1.49	4.43	13	YPSILANTI 2.2 E	1.10	3.33	11

# May – Top 20 Wettest/Driest on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Wettest/Driest Mays 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	8.46	2004	0.43	1920	8.19	2004	0.34	1988	9.95	1912	0.53	1939
2	8.05	1943	0.58	1934	7.61	2011	0.59	1934	8.11	2004	0.76	1934
3	7.84	1892	0.87	1988	7.59	1945	0.76	1925	6.99	1942	0.80	1988
4	6.97	1947	0.90	1877	7.25	2014	0.79	1994	6.84	1945	0.81	1977
5	6.35	2018	0.97	1939	7.04	2012	0.92	1958	6.29	1996	0.84	1958
6	6.20	1991	0.97	1936	6.80	1956	0.93	1965	6.17	1983	0.89	1992
7	6.11	1945	1.16	1958	6.34	2000	0.95	1977	5.91	2020	1.03	1925
8	6.03	1956	1.16	1955	6.07	1943	0.99	1998	5.85	2006	1.12	1979
9	5.88	1968	1.18	1994	5.97	1932	1.02	1967	5.74	1927	1.16	1995
10	5.83	1875	1.21	1925	5.50	1974	1.02	1936	5.22	1956	1.18	1961
11	5.62	1876	1.24	1993	5.41	1924	1.25	1961	5.18	2000	1.20	1949
12	5.58	1927	1.26	1962	5.36	2020	1.31	1966	5.17	2013	1.25	1966
13	5.53	2015	1.33	1992	5.35	2001	1.37	1954	5.15	1997	1.26	1937
14	5.47	1983	1.36	1986	5.27	2006	1.40	2005	4.89	1989	1.29	1975
15	5.42	1932	1.39	1954	5.01	1927	1.55	1941	4.84	1943	1.34	1941
16	5.38	2011	1.50	1893	4.84	2007	1.56	1926	4.73	1986	1.44	1920
17	5.31	2010	1.55	1903	4.75	1957	1.58	1979	4.69	1933	1.47	1950
18	5.23	1997	1.63	1967	4.64	1969	1.59	2008	4.51	1926	1.47	1936
19	5.11	2000	1.65	1898	4.60	1947	1.61	1986	4.37	1916	1.48	1971
20	5.11	1883	1.68	1964	4.32	1959	1.64	1992	4.30	1946	1.48	1913

\* Detroit Area precipitation records date back to November 1874.

\*\* Flint Bishop precipitation records date back to January 1921.

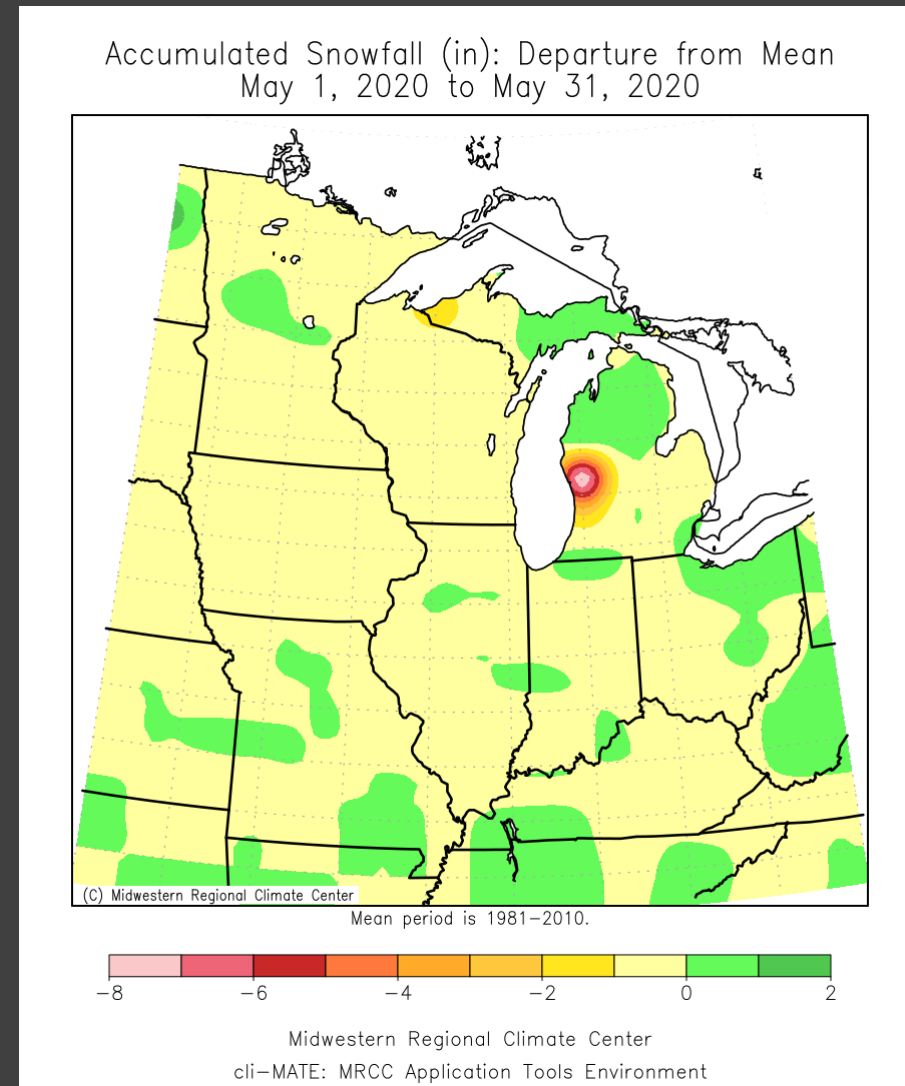
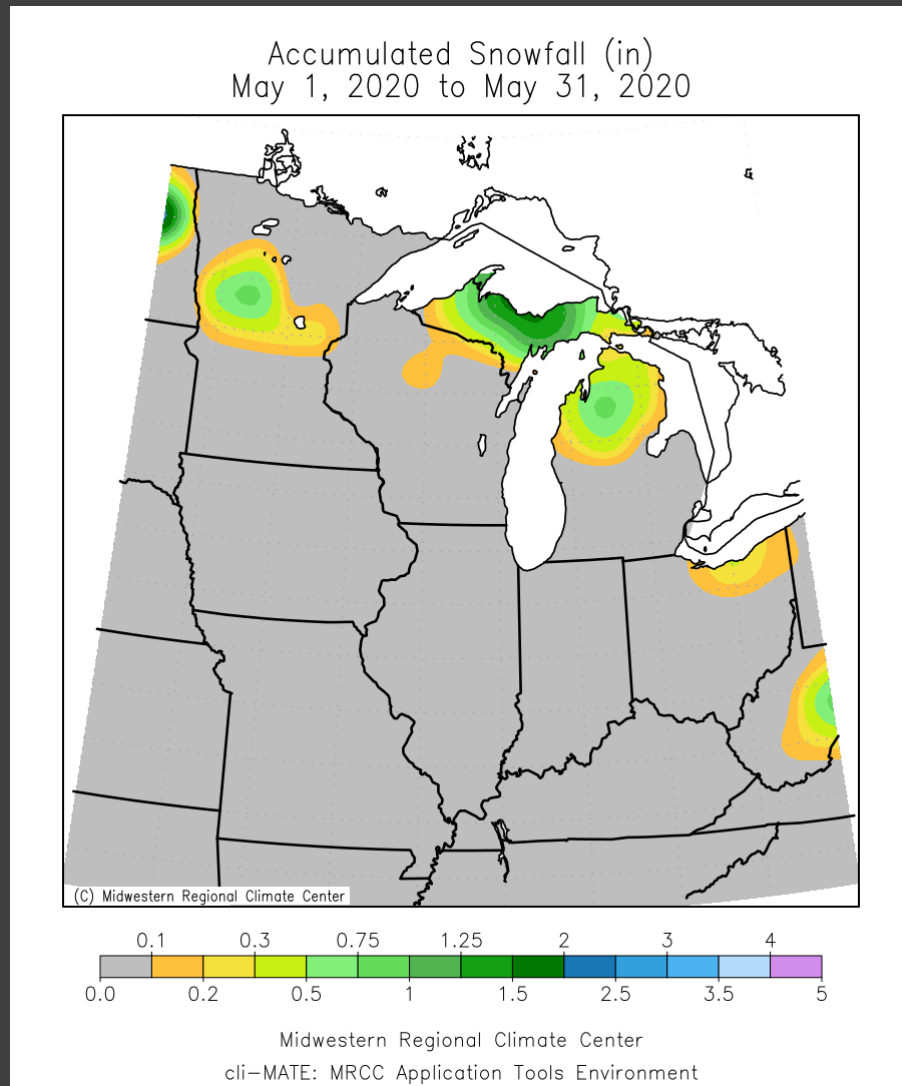
\*\*\* Saginaw Area precipitation records date back to January 1912.

# May 2020 – Regional Snowfall Summary

Weather Forecast Office  
Detroit, MI



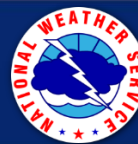
Total Monthly Snowfall (left) & Departure from Normal (right)





# May 2020 – 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	0.0	0.0	0	FLINT 7W	T	T	0	OTTAWA LAKE 1.4 SSW	0.0	0.0	0
ALGONAC WWTP	0.5	0.5	1	FLINT FCWOS	T	T	0	OWOSSO WWTP	T	T	0
ANN ARBOR 3.1 SE	0.0	0.0	0	GOODRICH	T	T	0	PONTIAC WWTP	0.0	0.0	0
ANN ARBOR SE	T	T	0	GROSSE POINTE FARMS	0.0	0.0	0	PORT AUSTIN WWTP	0.0	0.0	0
ANN ARBOR U OF MICH	0.1	0.1	1	HARBOR BEACH 1 SSE	0.0	0.0	0	PORT HURON	T	T	0
BAD AXE	0.2	0.2	1	LAPEER 2W	0.1	0.1	1	RICHMOND 4 NNW	T	T	0
BAY PORT 3.2 SSW	0.0	0.0	0	LAPEER WWTP	T	T	0	SAGINAW 8NW	0.0	0	0
BURTON 4N	T	T	0	LEXINGTON WATER PLANT	0.1	0.1	1	SAGINAW #3	0.0	0.0	0
CARLETON 2W	0.0	0.0	0	LINDEN WWTP	0.0	0.0	0	SAGINAW MBS INTL AP	T	T	0
CARO WWTP	T	T	0	MANCHESTER	0.0	0.0	0	SALINE 4SW	0.0	0.0	0
CASS CITY 1 SSW	0.0	0.0	0	MIDLAND	0.0	0.0	0	TECUMSEH	T	T	0
CHELSEA	0.0	0.0	0	MIDLAND 1.5 NNE	T	T	0	TIPTON 2WNW	0.0	0.0	0
CHESANING	0.0	0.0	0	MILAN WWTP	0.0	0.0	0	VASSAR	T	T	0
DETROIT METRO AIRPORT	0.5	0.5	1	MILFORD GM PROVING GROUND	0.0	0.0	0	WHITE LAKE 4E	0.2	0.2	1
DUNDEE	0.0	0.0	0	MILLINGTON 3 SE	T	T	0	WHITMORE LAKE 1NW	0	0	0
DURAND WWTP	0.0	0.0	0	MORENCI	0.0	0.0	0	WYANDOTTE	0.7	0.7	1
FARMINGTON	T	T	0	NEWPORT 4SSE	T	T	0	YALE 1 NNW	T	T	0
FILION 5NNW	0.2	0.2	1	OIL CITY 2S	T	T	0				

# May – Top 20 Snowiest/Least Snowy on Record

Weather Forecast Office  
Detroit, MI



## Top 20 Snowiest/Snowless Mays 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	6.0	1923	0.0	1899	12.0	1923	0.0	1932	9.0	1923	0.0	1931
2	5.0	1883	0.0	1915	1.7	1935	0.0	1940	4.5	1935	0.0	1939
3	1.5	1912	0.0	1931	0.7	1925	0.0	1948	4.0	1929	0.0	1947
4	0.5	2020	0.0	1939	0.6	1961	0.0	1956	0.3	1940	0.0	1955
5	0.5	1902	0.0	1947	0.3	1994	0.0	1964	0.2	2002	0.0	1963
6	0.4	1909	0.0	1955	0.3	1973	0.0	1972	0.2	1994	0.0	1971
7	0.2	1907	0.0	1963	0.0	1932	0.0	1980	0.0	1931	0.0	1979
8	0.1	2005	0.0	1971	0.0	1940	0.0	1988	0.0	1939	0.0	1987
9	0.1	1954	0.0	1979	0.0	1948	0.0	1996	0.0	1947	0.0	1995
10	0.0	1899	0.0	1987	0.0	1956	0.0	2004	0.0	1955	0.0	2003
11	0.0	1915	0.0	1995	0.0	1964	0.0	2012	0.0	1963	0.0	2011
12	0.0	1931	0.0	2003	0.0	1972	0.0	2020	0.0	1971	0.0	2019
13	0.0	1939	0.0	1891	0.0	1980	0.0	1933	0.0	1979	0.0	1916
14	0.0	1947	0.0	2011	0.0	1988	0.0	1941	0.0	1987	0.0	1924
15	0.0	1955	0.0	2019	0.0	1996	0.0	1949	0.0	1995	0.0	1932
16	0.0	1963	0.0	1892	0.0	2004	0.0	1957	0.0	2003	0.0	1948
17	0.0	1971	0.0	1900	0.0	2012	0.0	1965	0.0	2011	0.0	1956
18	0.0	1979	0.0	1908	0.0	2020	0.0	1981	0.0	2019	0.0	1964
19	0.0	1987	0.0	1916	0.0	1933	0.0	1989	0.0	1916	0.0	1972
20	0.0	1995	0.0	1924	0.0	1941	0.0	1997	0.0	1924	0.0	1980

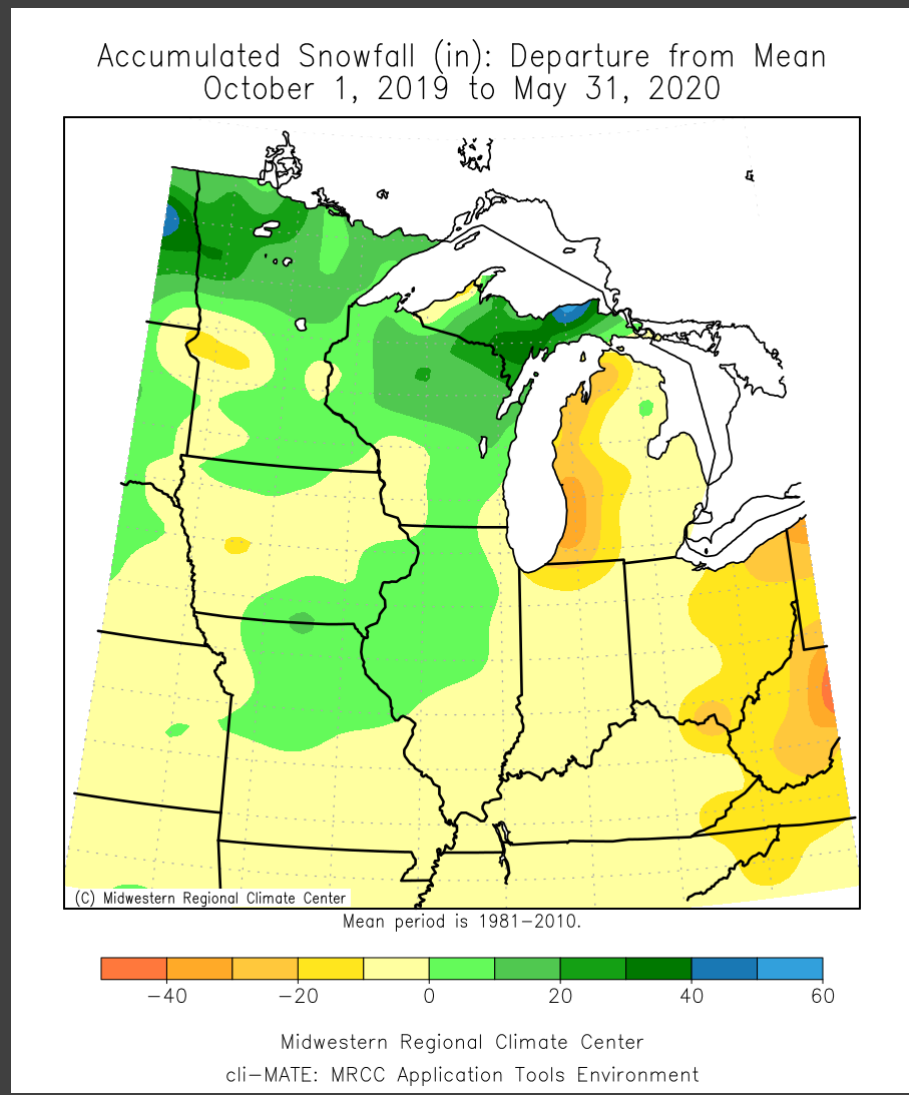
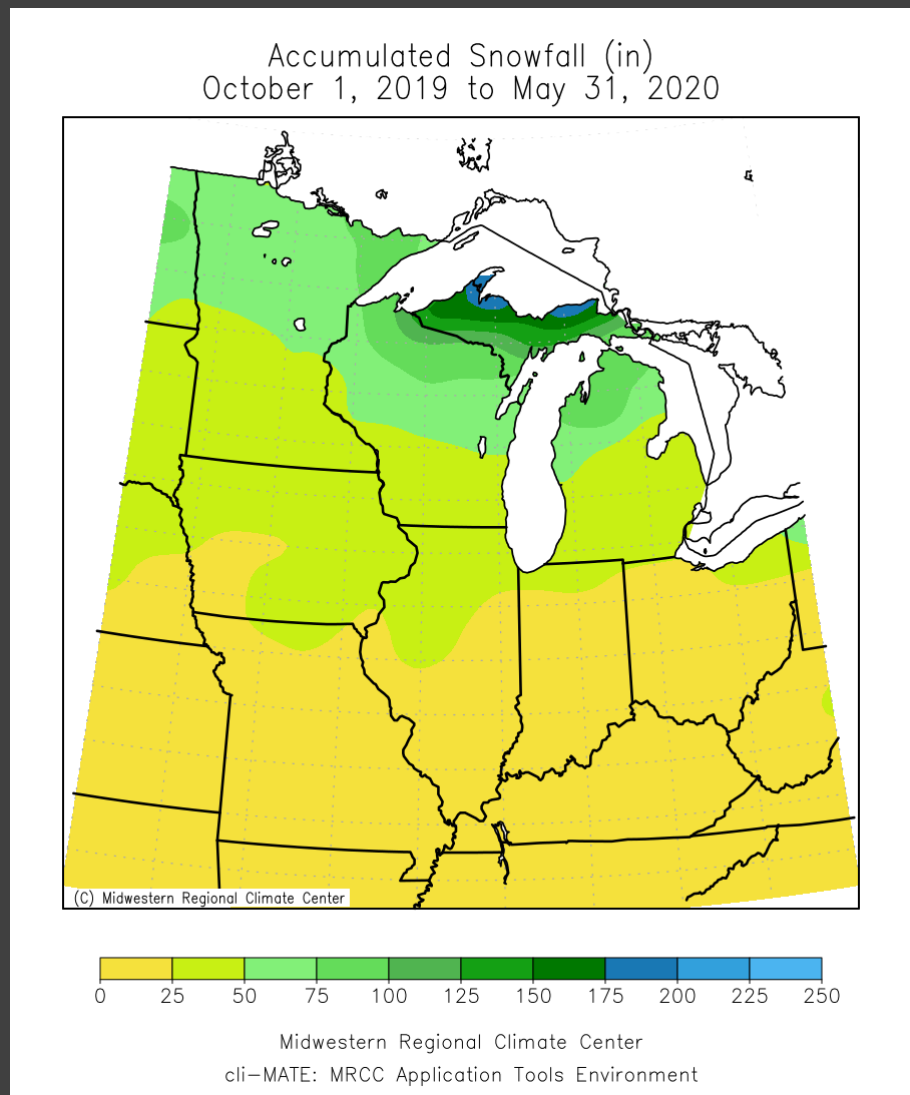
\* Detroit Area snowfall records date back to January 1880.

\*\* 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)

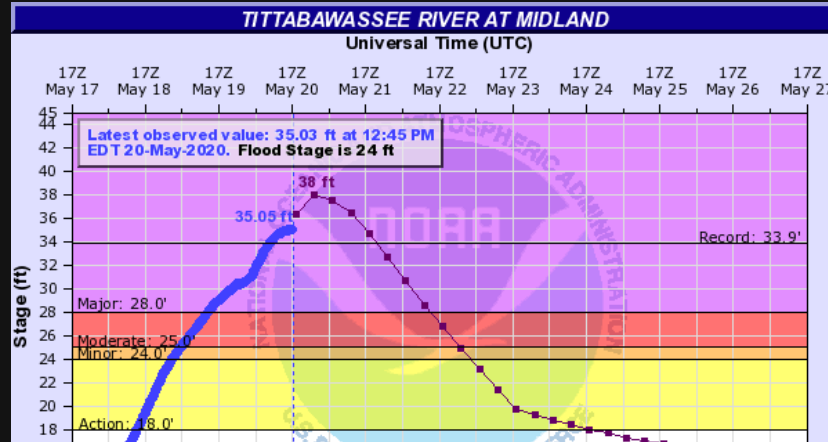


# May 2020 - Significant Weather Events

Weather Forecast Office  
Detroit, MI



Follow links for web summaries



**Historic Flooding May 17-20**  
[weather.gov/dtx/HistoricFlooding-May-17-20-2020](https://weather.gov/dtx/HistoricFlooding-May-17-20-2020)



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)

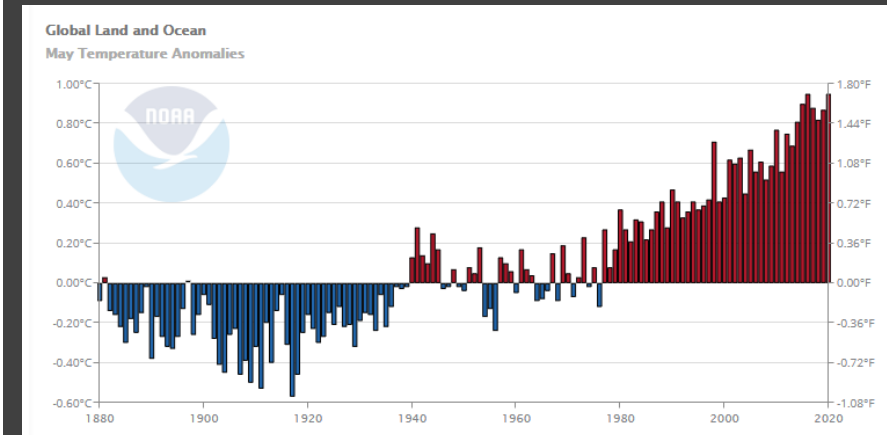
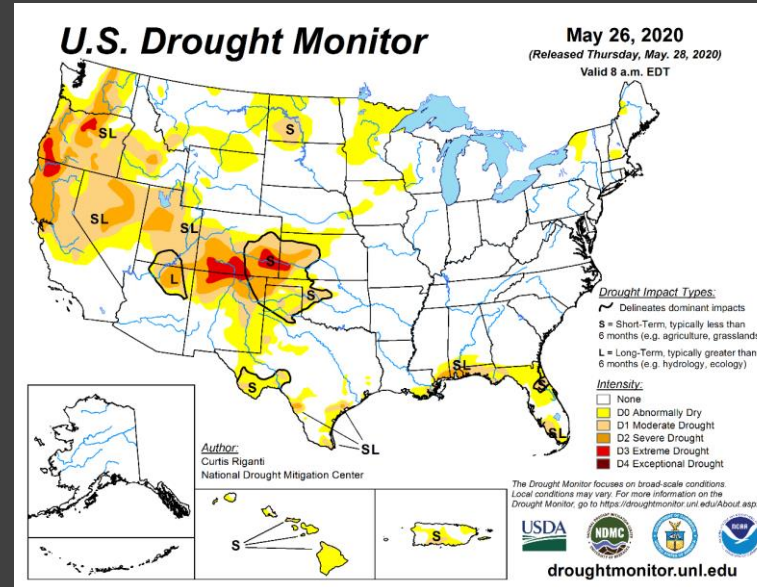
2. Location »  
Detroit  
Flint  
Saginaw

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](http://weather.gov/climate/index.php?wfo=dtx)

## U.S. Drought Monitor

[drought.gov/drought/data-maps-tools/current-conditions](http://drought.gov/drought/data-maps-tools/current-conditions)

## NOAA NCEI Climate at a Glance

[ncdc.noaa.gov/cag/](http://ncdc.noaa.gov/cag/)

Thank you to our COOP and CoCoRaHS volunteer weather observers!