



# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, and Snowfall Summaries

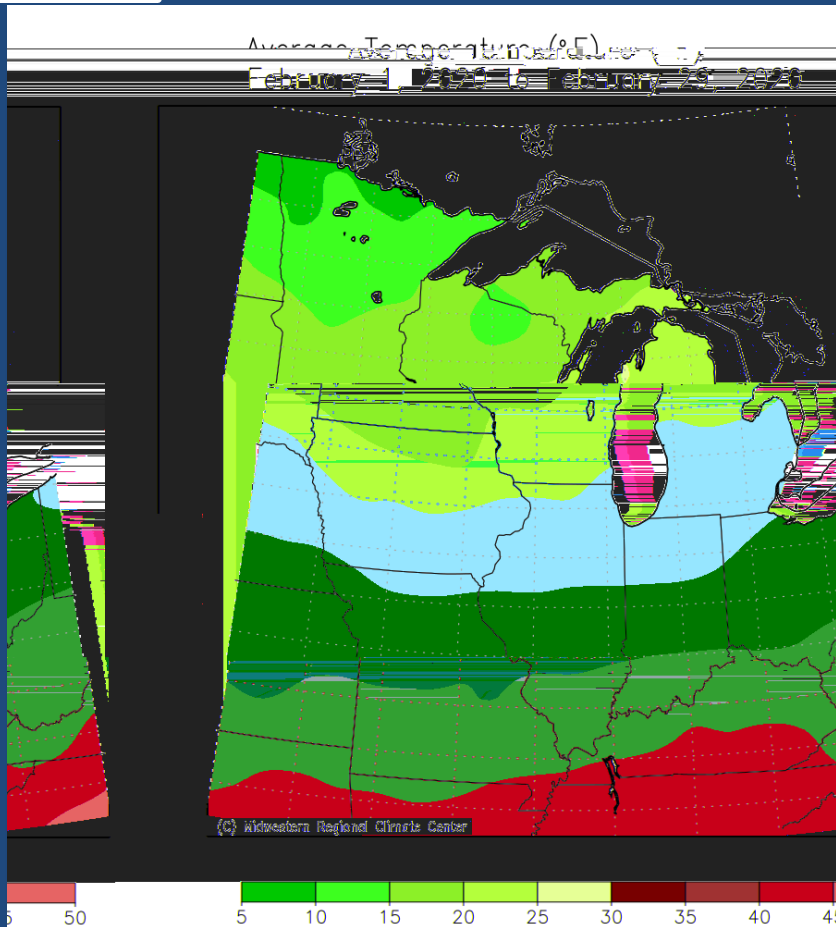
Michigan, Average Temperature, September  
1901-2000  
Avg. 58.5°F



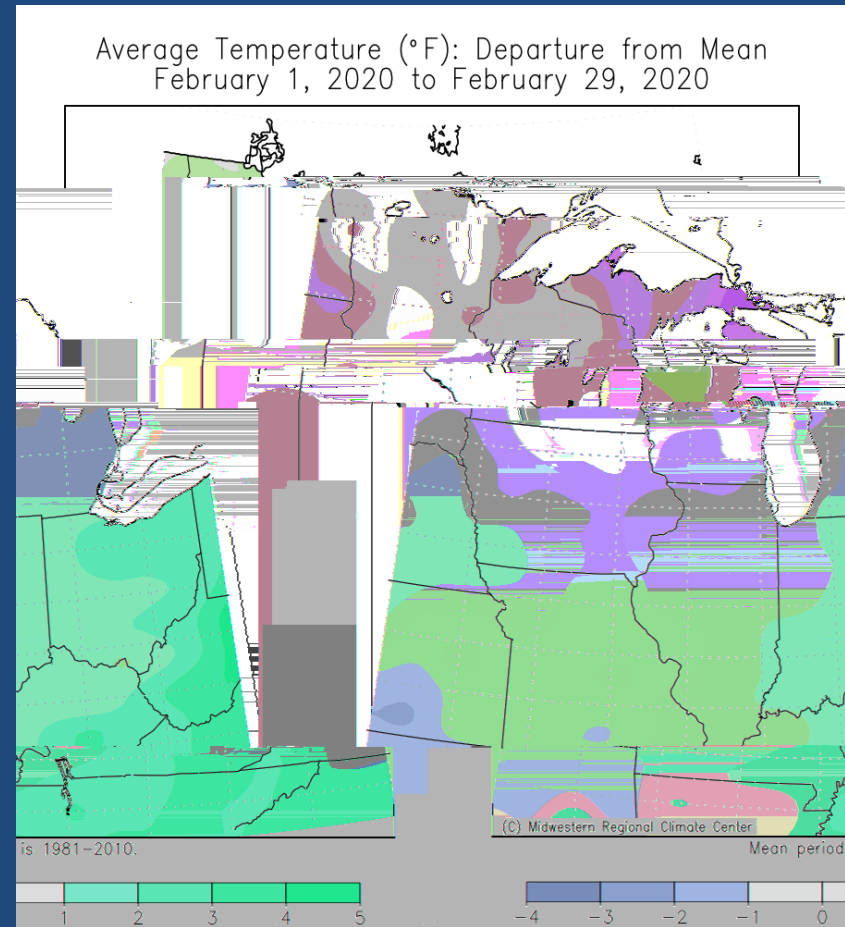


# February 2020 – Regional Temperature Summary

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



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



Midwestern Regional Climate Center  
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# February 2020 – SE Michigan Temperature Summary

## Warmest, Coldest, and Averages

Name	Warmest	Coldest	Avg High	Avg Low	Monthly Mean
ADRIAN LENAWEE COUNTY AP	52	5	41.0	12.0	28.3
ALGONAC WWTP	50	2	40.0	13.0	28.6
ANN ARBOR MUNICIPAL AP	52	-1	41.5	9.5	27.7
ANN ARBOR SE	54	1	40.5	11.5	27.8
ANN ARBOR U OF MICH	53	-4	41.0	9.5	28.6
AUBURN 2NE	47	-8	38.5	13.0	26.8
BAD AXE	51	1	40.5	9.0	24.8
BURTON 4N	55	-7	41.5	7.0	25.9
CARO WWTP	53	-4	41.5	7.0	25.9
CASS CITY 1 SSW	53	-8	41.0	5.5	25.2
CHELSEA	54	-1	43.5	13.5	28.0
DEARBORN	54	2	43.0	15.0	29.8
DETROIT CITY AP	53	4	43.0	12.0	30.0
<b>DETROIT METRO AIRPORT</b>	<b>54</b>	<b>4</b>	<b>43.0</b>	<b>12.5</b>	<b>30.1</b>
DETROIT WILLOW RUN AP	54	2	44.0	11.5	30.8
DUNDEE	53	5	42.0	13.0	29.1
DURAND WWTP	53	-2	42.5	10.5	26.3
FARMINGTON	52	1	39.5	11.0	26.8
FILION 5NNW	50	8	41.5	19.0	28.6
FLINT 7W	52	-3	38.5	10.0	26.4
<b>FLINT FCWOS</b>	<b>53</b>	<b>-4</b>	<b>43.0</b>	<b>8.0</b>	<b>28.0</b>
GOODRICH	53	-8	42.5	6.5	26.6
GROSSE POINTE FARMS	52	3	42.0	12.0	28.0
HARBOR BEACH 1 SSE	51	4	41.5	11.5	26.2

Name	Warmest	Coldest	Avg High	Avg Low	Monthly Mean
LAPEER 2W	54	-6	43.5	11.5	27.6
LAPEER WWTP	54	-2	43.5	9.5	26.9
LEXINGTON WATER PLANT	50	0	40.5	14.0	27.2
LINDEN WWTP	51	-2	41.0	9.5	26.0
MANCHESTER	53	1	40.0	12.0	28.0
MIDLAND	47	-1	39.0	8.5	25.7
MILAN WWTP	52	4	40.5	14.0	28.8
MORENCI	55	3	40.5	15.0	28.0
NEWPORT 4SSE	52	6	42.5	12.5	29.4
OIL CITY 2S	48	-10	36.5	6.5	25.2
OWOSSO WWTP	51	-2	41.0	11.0	26.6
PTK INTL AP	50	-2	39.5	8.5	27.0
PONTIAC WWTP	55	1	43.5	16.0	29.0
PORT HOPE	51	8	43.0	12.0	27.3
PORT HURON	48	4	40.0	12.0	29.4
RICHMOND 4 NNW	51	-1	41.0	11.0	27.3
SAGINAW #3	50	4	40.0	12.5	27.1
<b>SAGINAW MBS INTL AP</b>	<b>47</b>	<b>-3</b>	<b>39.5</b>	<b>7.5</b>	<b>26.4</b>
SALINE 4SW	53	1	42.0	12.5	28.9
TECUMSEH	53	2	38.5	13.0	27.2
TIPTON 2WNW	52	-3	40.0	11.5	27.6
VASSAR	52	-10	39.0	6.5	26.2
WHITE LAKE 4E	49	-11	38.0	4.0	24.3
WHITMORE LAKE 1NW	52	-5	39.5	9.0	26.4



# February – Top 20 Coldest/Warmest

**Top 20 Coldest/Warmest Februaries in Southeast Lower Michigan**

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	12.2	1875	39.5	1882	11.3	2015	34.5	1998	11.5	2015	33.6	2017
2	14.1	2015	37.9	2017	12.8	1979	34.4	2017	12.1	1979	33.4	1998
3	14.8	1934	36.7	1998	13.4	1978	31.8	1983	13.0	1914	31.5	1984
4	16.0	1936	33.8	1930	14.9	1963	31.2	1984	13.2	1963	30.7	1932
5	16.1	1904	33.6	1877	16.0	2014	31.1	1930	13.4	1934	30.7	1930
6	16.3	1978	33.5	1954	16.4	1936	31.1	1932	13.6	1978	30.6	1931
7	16.4	1979	33.3	1984	17.1	1934	31.1	1927	13.6	1936	30.5	1999
8	16.5	1901	33.3	1976	17.3	2007	31.0	2012	14.3	1917	30.3	2012
9	17.2	1885	33.0	1932	18.3	1967	31.0	1976	15.5	2014	29.9	1954
10	17.6	1914	32.9	2002	18.4	1994	31.0	1931	16.8	2007	29.2	2016
11	17.9	1905	32.8	1931	18.5	1923	30.9	1999	16.9	1962	29.1	1983
12	17.9	1895	32.7	1999	18.7	1958	30.8	1954	16.9	1994	29.0	1938
13	18.3	1912	32.6	2012	19.9	1942	30.1	1938	16.9	1912	28.9	1976
14	18.8	1963	32.6	1890	20.0	1962	30.0	2002	17.1	1923	28.8	2002
15	19.3	2007	32.1	1953	20.0	1959	29.8	2016	17.4	1916	28.3	2000
16	19.4	2014	32.1	1880	20.1	1988	29.4	1992	17.8	1920	28.2	1921
17	19.5	1917	31.8	2000	20.2	1982	29.3	2000	18.5	2003	28.1	1927
18	19.8	1899	31.8	1927	20.3	1980	29.2	1991	18.6	1967	28.1	1915
19	19.8	1889	31.6	1983	20.3	1929	28.8	1953	18.9	1958	28.0	1991
20	20.7	1982	31.2	2016	20.5	2003	28.7	1987	18.9	1913	28.0	1987

\* Detroit Area temperature records date back to January 1874.

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

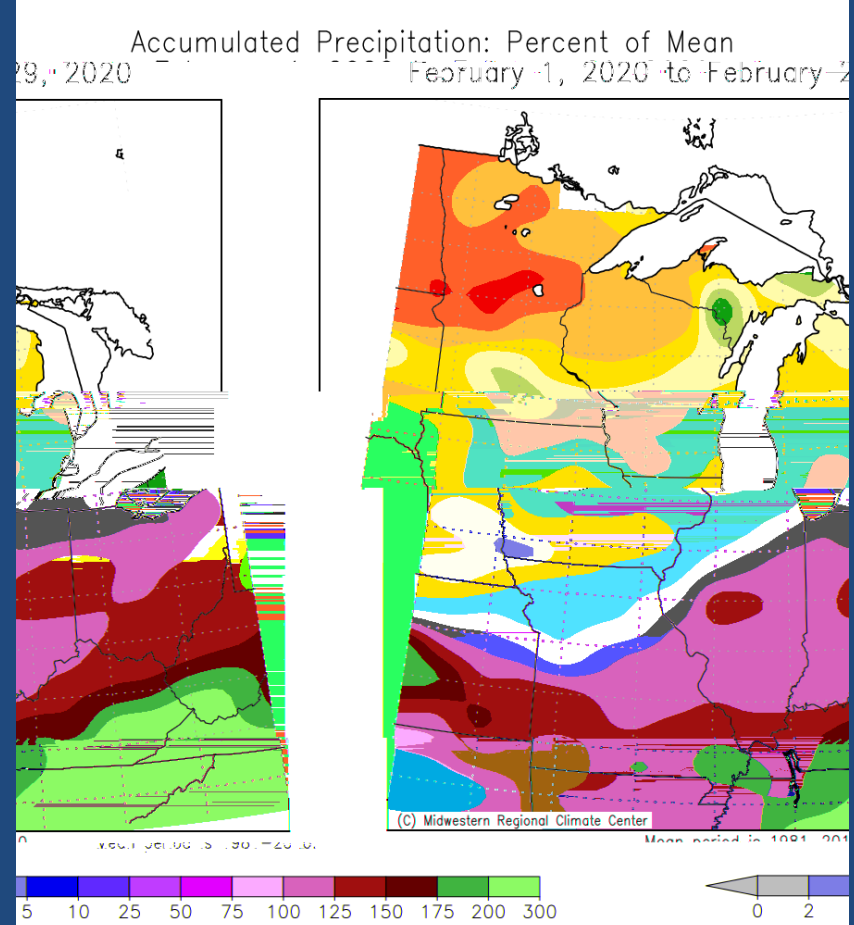
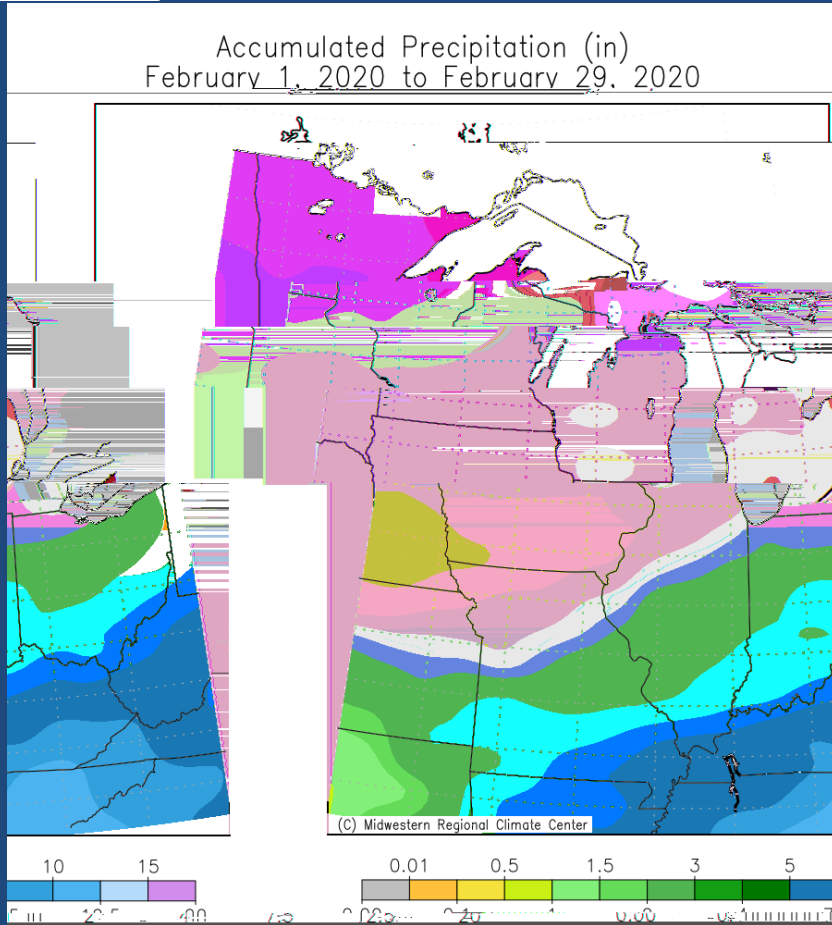
\*\*\* Saginaw Area temperature records date back to January 1912.





# February 2020 – Regional Precipitation Summary

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



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

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# February 2020 – SE Michigan Precipitation Summary

Total precipitation, greatest daily total, and total number of days of measurable precip

Name	Highest Daily Total	Monthly Total	# of days with precip
ADRIAN LENAWEЕ COUNTY AP	0.15	0.73	12
ALGONAC WWTP	0.25	1.51	9
ANN ARBOR 2.1 WNW	0.34	1.31	12
ANN ARBOR 3.1 SE	0.36	1.30	12
ANN ARBOR 4.5 W	0.34	1.14	9
ANN ARBOR 7.1 W	0.40	1.48	12
ANN ARBOR MUNICIPAL AP	0.12	0.44	6
ANN ARBOR SE	0.42	1.67	13
ANN ARBOR U OF MICH	0.51	1.72	13
BAD AXE	0.25	1.21	10
BAY PORT 3.2 SSW	0.24	0.98	9
BURTON 4N	0.37	1.48	12
CARO WWTP	0.22	1.00	10
CASS CITY 1 SSW	0.31	1.28	10
CHELSEA	0.23	1.30	10
CHESANING	0.29	1.30	9
CHESTERFIELD 2.4 E	0.17	0.82	10
DAVISBURG 1.3 ESE	0.24	1.32	12
DEARBORN	0.25	1.25	10
DEARBORN HEIGHTS 1.8 NW	0.22	1.19	14
DETROIT CITY AP	0.11	0.40	12
<b>DETROIT METRO AIRPORT</b>	<b>0.31</b>	<b>1.16</b>	<b>13</b>
DETROIT WILLOW RUN AP	0.10	0.25	4
DEXTER 0.3 ENE	0.31	1.35	11
DEXTER 2.2 SE	0.37	1.58	12
DUNDEE	0.23	1.17	11
DURAND 6.2 WNW	0.35	1.39	15
DURAND WWTP	0.25	0.98	11
FARMINGTON	0.30	1.15	11
FARMINGTON HILLS 1.4 N	0.41	1.46	11
FENTON 2.7 SSE	0.32	1.33	11
FENTON 6.2 WSW	0.27	1.24	12
FILION 5NNW	0.19	0.65	10
FLINT 7W	0.19	0.96	12
<b>FLINT FCWOS</b>	<b>0.28</b>	<b>0.93</b>	<b>11</b>
FRASER 1.2 N	0.33	1.47	13
GOODRICH	0.18	0.92	12

Name	Highest Daily Total	Monthly Total	# of days with precip
GROSSE ILE 1.6 N	0.23	0.98	10
HARBOR BEACH 1 SSE	1.90	3.18	11
LAKE ORION 4.3 SSE	0.57	1.56	10
LAPEER 2W	0.19	1.06	13
LAPEER WWTP	0.27	1.01	11
LEXINGTON WATER PLANT	0.41	1.28	11
LINDEN WWTP	0.30	1.21	11
LIVONIA 2.0 NE	0.20	1.03	12
MANCHESTER	0.34	1.38	10
MIDLAND	0.24	0.88	7
MIDLAND 2.9 SW	0.29	1.00	7
MILAN WWTP	0.24	1.17	12
MONROE 3.0 S	0.25	1.15	11
MORENCI	0.28	1.46	9
NEW BALTIMORE 0.4 SSE	0.68	1.44	12
NEWPORT 4SSE	0.26	1.26	12
ORTONVILLE 2.3 S	0.32	1.26	12
PLEASANT RIDGE 0.5 WNW	0.28	1.28	13
PLYMOUTH 5.4 W	0.38	1.45	13
PONTIAC OAKLAND COUNTY INTL AP	0.07	0.34	7
PONTIAC WWTP	0.29	1.22	11
PORT HOPE	0.24	1.04	15
PORT HURON	0.60	1.36	11
PORT HURON 1.6 W	0.45	1.44	14
RICHMOND 4 NNW	0.42	1.24	10
ROSEVILLE 1.7 ENE	0.34	1.20	11
SAGINAW 6.4 W	0.18	0.76	8
SAGINAW #3	0.24	1.11	9
<b>SAGINAW MBS INTL AP</b>	<b>0.10</b>	<b>0.43</b>	<b>7</b>
TECUMSEH	0.28	1.33	10
TROY 1.8 S	0.50	1.46	12
UTICA 2.9 E	0.33	0.86	11
WATERFORD 2.1 NW	0.28	1.02	12
WHITE LAKE 0.5 E	0.17	1.11	12
WHITE LAKE 4E	0.31	1.13	11
WHITMORE LAKE 1NW	0.39	1.27	10
WYANDOTTE	0.35	1.44	11



# February – Top 20 Wettest/Driest

**Top 20 Wettest/Driest Februaries in Southeast Lower Michigan**

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	6.41	1881	0.04	1877	5.28	1954	0.17	1969	6.10	1997	0.21	1969
2	5.59	1876	0.15	1969	5.13	1938	0.25	1934	4.33	1938	0.24	1947
3	5.02	1990	0.22	1895	4.02	2018	0.27	1963	4.09	1990	0.32	1964
4	4.95	1938	0.38	1947	3.52	2001	0.29	2007	3.55	1950	0.34	1963
5	4.95	1908	0.45	1978	3.52	1950	0.34	1979	3.13	2008	0.39	1984
6	4.85	1950	0.47	1934	3.12	1997	0.37	1958	3.06	1935	0.41	1979
7	4.70	1939	0.52	1964	3.01	1985	0.42	1987	3.03	2009	0.42	2007
8	4.30	1900	0.53	1987	2.77	1949	0.51	1978	3.02	1965	0.43	2020
9	4.27	2018	0.55	1941	2.59	1990	0.52	1989	2.98	1918	0.44	1942
10	4.26	1909	0.57	1979	2.57	2009	0.52	1984	2.83	1954	0.46	1917
11	4.16	1887	0.61	1907	2.50	1924	0.55	1964	2.79	1998	0.47	1982
12	4.05	1926	0.63	2004	2.45	2005	0.55	1947	2.74	2001	0.47	1934
13	4.05	1893	0.66	2003	2.42	2017	0.56	1970	2.69	2018	0.49	2003
14	3.90	1997	0.67	1958	2.37	2019	0.60	2003	2.69	1939	0.49	1995
15	3.83	1985	0.70	1963	2.36	2011	0.66	2004	2.64	1960	0.51	1987
16	3.61	2008	0.72	1902	2.35	2008	0.66	1982	2.62	1985	0.59	1978
17	3.60	2011	0.76	1889	2.32	1971	0.68	1991	2.61	1930	0.60	1983
18	3.56	1998	0.77	1989	2.27	1976	0.70	1977	2.56	1974	0.72	1920
19	3.56	1918	0.82	2007	2.21	2016	0.71	1941	2.51	1959	0.73	1989
20	3.48	1954	0.82	1953	2.21	1930	0.71	1929	2.39	1915	0.73	1977

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

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

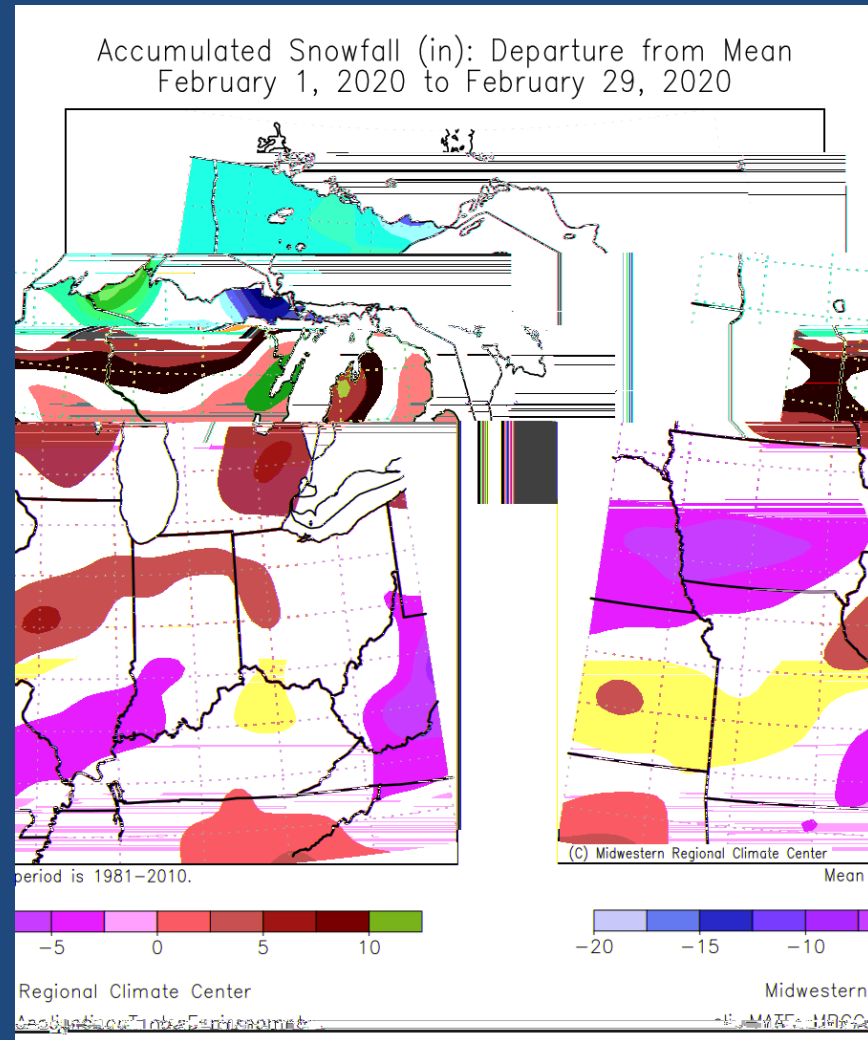
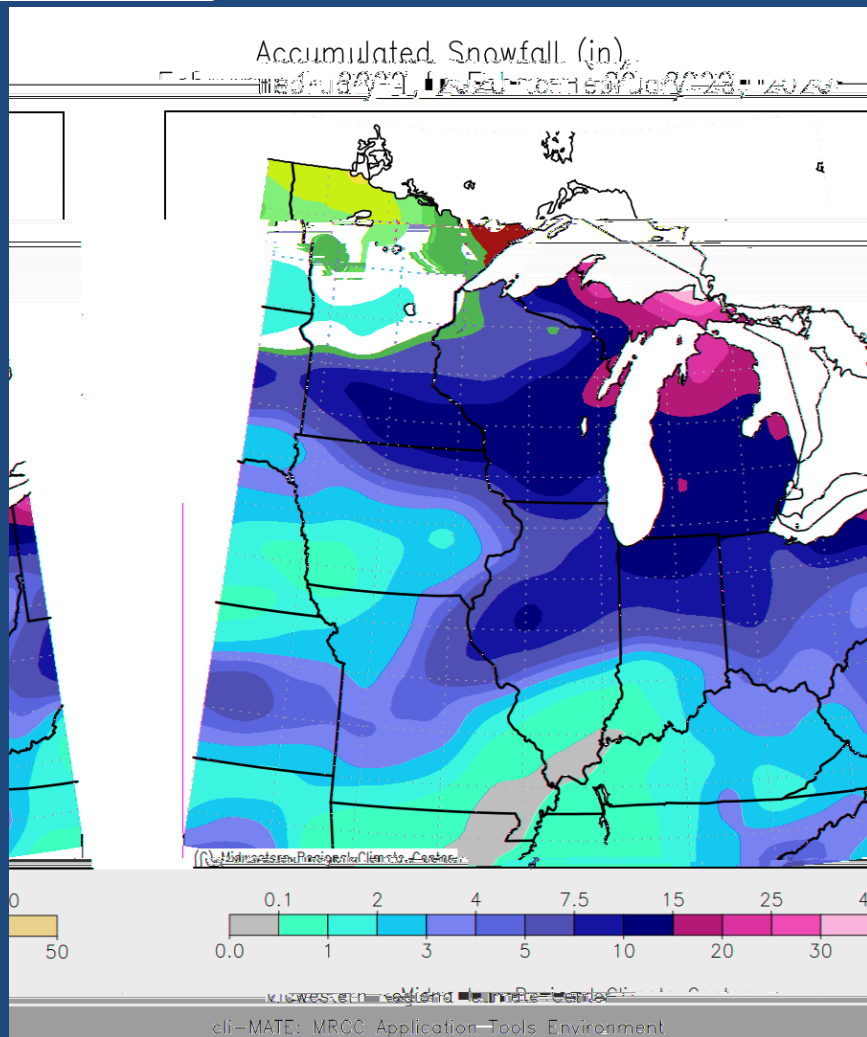
\*\*\* Saginaw Area precipitation records date back to January 1912.





# February 2020 – Midwest Snowfall Summary

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







# February – Top 20 Snowiest/Least Snowy

**Top 20 Snowiest/Snowless Februaries in Southeast Lower Michigan**

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	38.4	1908	0.0	1998	31.7	2011	0.4	1998	34.2	2008	0.0	1987
2	31.7	2011	0.7	1953	29.4	2008	1.4	1992	29.4	2011	0.1	1984
3	28.4	1881	0.9	2004	22.7	2016	1.9	2017	23.4	1935	0.5	1998
4	28.0	1900	1.5	1895	21.8	2018	2.2	1987	22.2	2013	1.4	1983
5	27.6	1926	1.6	1906	21.8	2014	2.4	1953	20.3	1965	1.9	2017
6	27.0	2010	2.0	1987	21.2	2010	2.4	1937	20.0	1912	1.9	1977
7	26.4	2015	2.1	1882	20.8	1990	2.9	1969	19.8	1985	2.0	1932
8	24.2	2008	2.2	2017	20.6	1986	2.9	1943	18.6	1926	2.1	1980
9	23.5	2013	2.2	1915	20.1	1994	3.0	1979	18.4	1990	2.2	1947
10	23.4	2014	2.3	1969	19.7	1965	3.0	1934	18.3	2010	2.4	1942
11	21.0	2018	2.4	1992	19.6	1988	3.5	1945	18.0	2016	2.5	1969
12	20.8	1986	2.4	1937	18.8	2020	3.6	1984	18.0	2005	2.6	1928
13	19.6	1898	2.5	1966	18.3	1946	3.6	1938	17.7	1924	3.1	1995
14	19.2	2003	2.6	1891	17.4	2015	3.8	1977	17.5	1950	3.2	1919
15	19.2	1988	2.7	1943	17.2	1960	4.1	1928	17.1	1956	3.4	1958
16	18.0	1893	2.8	1968	17.0	1924	4.5	1957	17.0	2014	3.5	1963
17	17.1	1994	2.8	1925	16.7	1973	4.8	1983	17.0	2012	3.7	1957
18	16.9	1985	2.9	2001	16.6	2013	4.9	1932	16.2	2015	3.7	1917
19	16.5	1936	3.1	1949	16.5	1926	5.0	2001	16.2	1962	3.8	1913
20	16.4	1901	3.1	1919	16.3	1967	5.1	1921	16.2	1946	4.0	1964

\* 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.





# Season-To-Date 2019-2020 Midwest Snowfall Summary

## Total Monthly Snowfall (left) & Departure From Normal (right)

