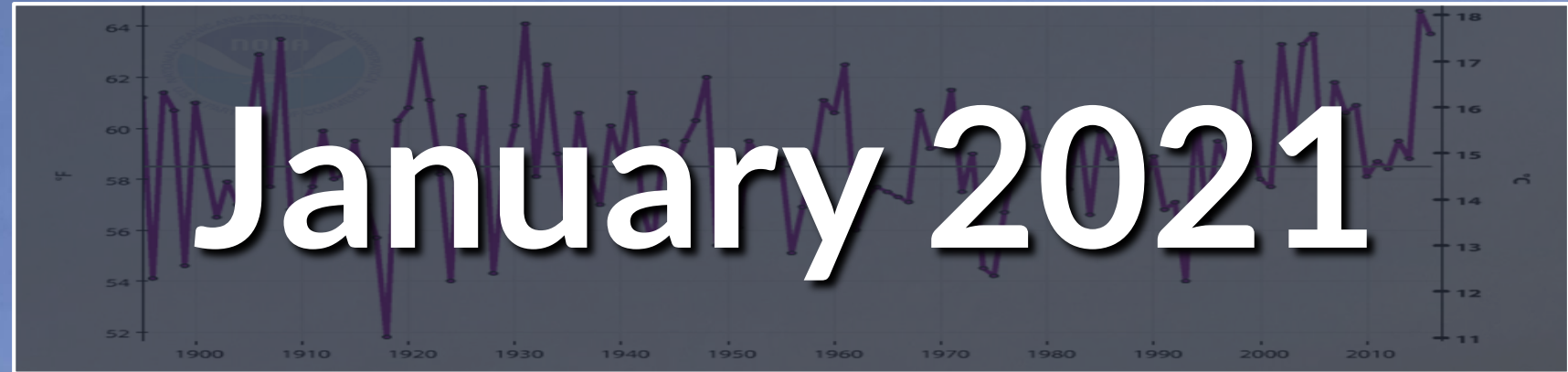


Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI

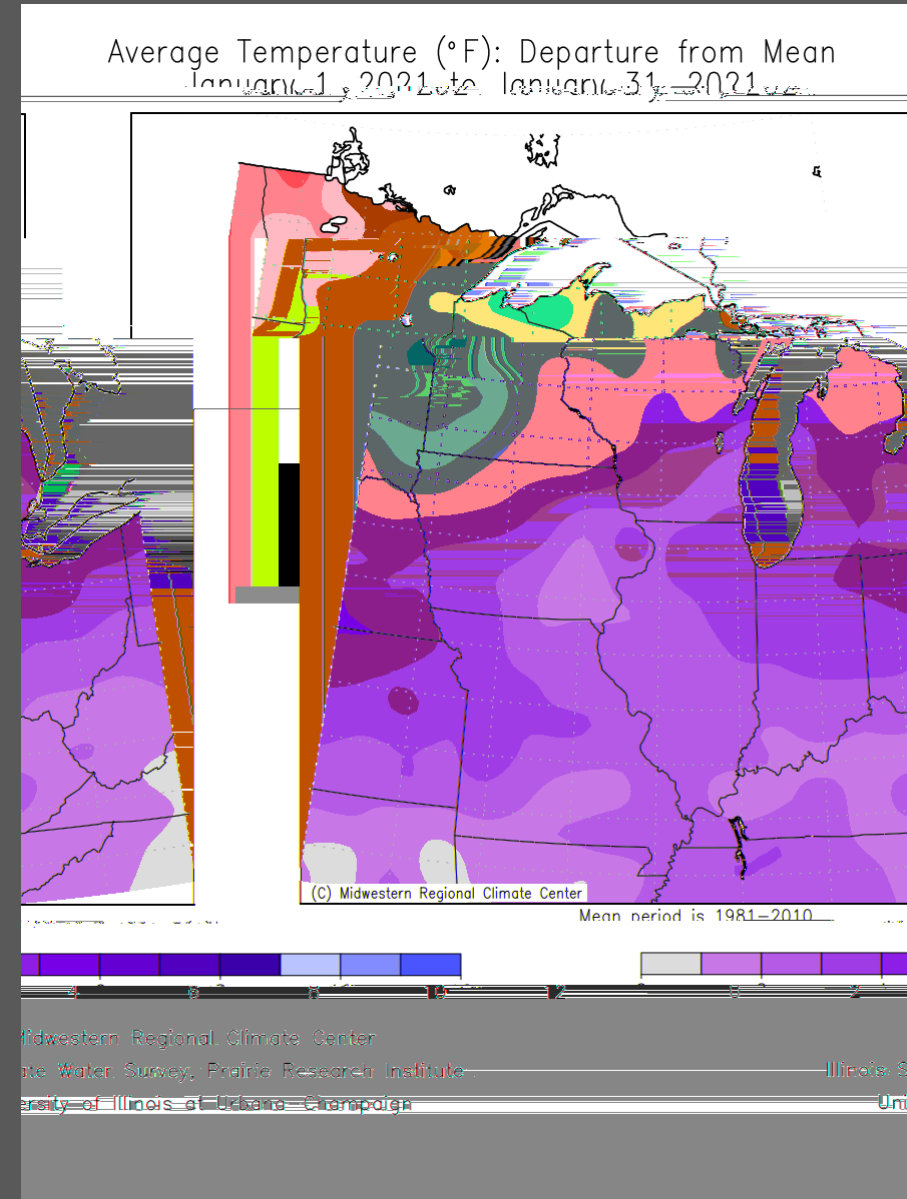
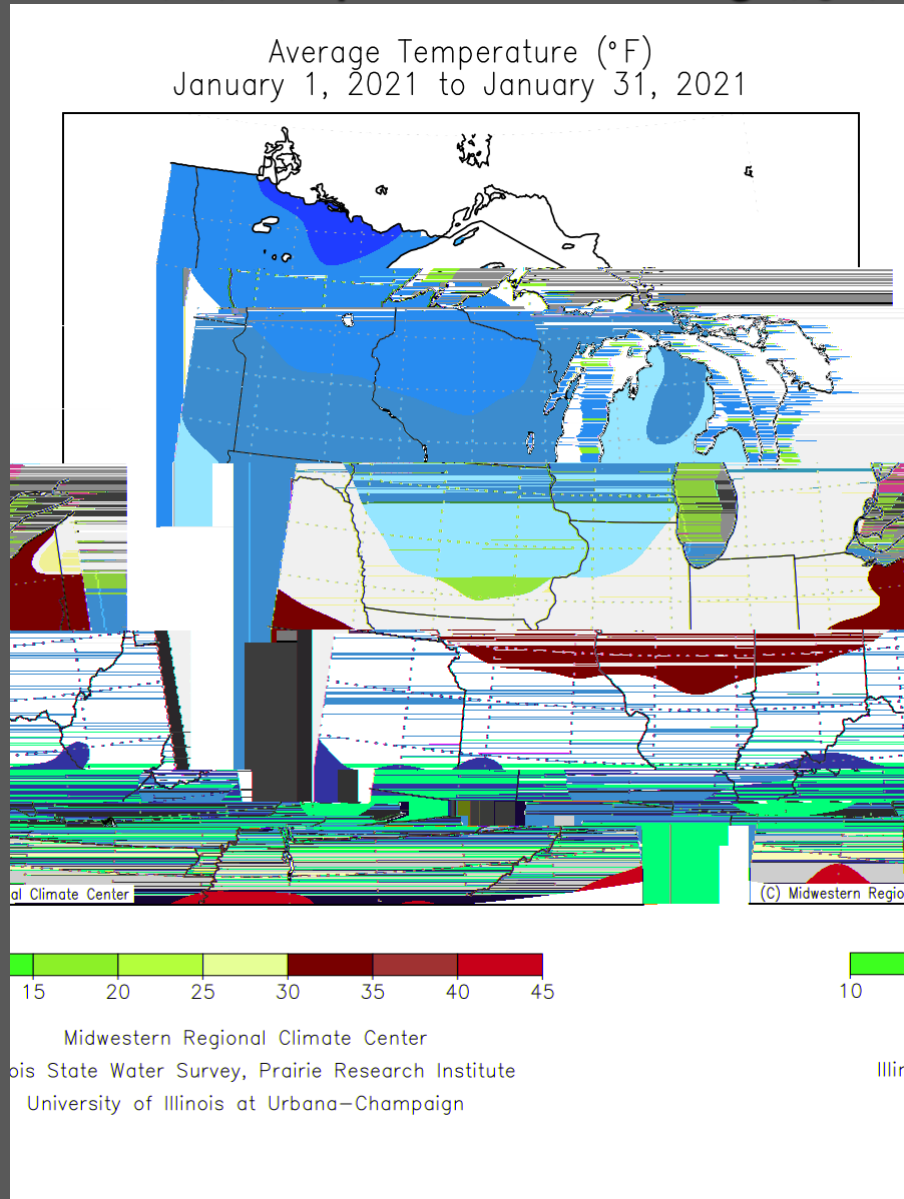


January 2021 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



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



January 2021 – SE Michigan Temperature Summary

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	42	13	32.8	23.9	28.4	LAPEER WWTP	46	0	32.5	20.8	26.7
ALGONAC WWTP	45	8	34.9	21.7	28.3	LEXINGTON WATER PLANT	43	9	32.4	22.0	27.2
ANN ARBOR MUNICIPAL AP	45	4	32.9	21.4	27.2	LINDEN WWTP	43	3	31.5	19.8	25.7
ANN ARBOR SE	45	7	33.3	21.3	27.3	MANCHESTER	45	7	33.3	22.4	27.9
ANN ARBOR U OF MICH	45	3	33.0	21.9	27.5	MIDLAND	40	5	31.7	21.4	26.6
AUBURN 2NE	43	0	33.4	19.2	26.3	MORENCI	45	13	33.7	24.3	29.0
BAD AXE	38	2	30.7	21.4	26.1	NEWPORT 4SSE	41	10	33.3	24.0	28.6
BURTON 4N	44	-1	32.7	20.0	26.7	OIL CITY 2S	40	-1	31.4	17.8	24.6
CARO WWTP	41	-3	31.3	20.9	26.1	OWOSSO WWTP	44	5	32.7	20.5	26.6
CASS CITY 1 SSW	41	-3	31.7	19.2	25.5	PONTIAC INTL AP	43	4	31.5	21.9	26.7
CHELSEA	44	5	32.3	21.4	26.9	PONTIAC WWTP	45	9	32.3	22.5	27.4
DETROIT CITY AP	46	10	34.3	25.2	29.8	PORT HOPE	40	9	33.0	25.9	29.4
DETROIT METRO AIRPORT	45	11	34.2	24.5	29.3	PORT HURON	43	9	33.6	26.1	29.8
DETROIT WILLOW RUN AP	47	10	36.4	25.7	31.0	RICHMOND 4 NNW	44	2	32.4	21.4	26.9
DUNDEE	45	12	33.6	23.6	28.6	SAGINAW #3	42	5	32.0	21.5	27.2
FARMINGTON	44	6	32.2	20.9	26.6	SAGINAW MBS INTL AP	40	6	32.0	22.2	27.1
FILION 5NNW	42	10	34.8	26.3	30.6	SALINE 4SW	45	8	34.0	22.5	28.2
FLINT 7W	44	3	31.9	20.6	26.3	TECUMSEH	44	11	34.3	22.4	28.3
FLINT FCWOS	46	1	33.6	22.7	28.2	TIPTON 2WNW	45	7	33.8	19.2	26.5
GOODRICH	44	2	32.8	20.9	26.9	VASSAR	45	-3	31.8	19.1	25.5
GROSSE POINTE FARMS	42	13	33.1	24.0	28.6	WHITE LAKE 4E	42	-1	29.7	18.5	24.1
HARBOR BEACH 1 SSE	41	6	32.4	23.1	27.7	WHITMORE LAKE 1NW	44	3	32.2	19.5	25.8
LAPEER 2W	44	-1	31.9	21.7	26.8						

January – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Januaries 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	12.8	1977	36.7	1932	10.9	1977	34.3	1932	9.4	1912	34.7	1932
2	13.1	1912	36.7	1880	13.1	1963	33.7	1933	10.4	1918	33.1	1933
3	13.2	1918	35.3	2006	13.8	1994	32.7	2006	11.6	1963	31.4	2006
4	15.2	1893	34.7	1933	14.3	1984	32.0	2020	12.1	1994	30.9	1990
5	15.3	1875	33.6	1906	14.5	2009	31.8	1990	12.7	1920	30.4	2020
6	16.4	2014	33.5	1990	15.1	1970	30.9	2002	12.8	1977	29.3	1937
7	16.6	1970	33.5	1890	15.6	2014	30.8	1989	14.3	1982	29.0	1989
8	16.8	1920	32.8	1998	15.6	1945	30.7	1934	14.8	1979	28.9	2002
9	17.1	1982	32.8	1989	15.8	1979	30.3	1950	14.8	1970	28.7	1921
10	17.2	1963	32.7	2002	15.9	1959	29.9	1998	14.9	2009	28.6	1998
11	17.3	2009	32.5	1950	16.4	1982	29.1	2012	15.1	2004	28.5	1934
12	17.3	1994	32.4	2020	16.6	1948	29.0	1949	15.6	1945	28.4	2012
13	17.4	1881	32.1	2017	17.2	2004	28.8	2017	15.9	1948	28.2	1919
14	17.6	1904	32.1	1876	17.6	1957	28.8	1944	16.0	2014	28.1	1950
15	17.9	1984	31.6	1949	17.8	1962	28.7	1973	16.1	1959	28.0	1949
16	17.9	1888	31.0	1919	18.0	1981	28.6	1921	16.4	1984	27.9	2017
17	18.0	1945	31.0	1882	18.0	1929	28.2	2021	16.5	1962	27.6	1916
18	18.6	1979	30.8	1944	18.1	1976	28.2	1937	16.6	1981	27.4	1944
19	19.0	1981	30.7	2012	18.2	1978	28.1	2016	16.6	1978	27.2	1964
20	19.0	1940	30.5	1953	18.5	1966	28.0	1975	16.8	1985	27.1	2021

* Detroit Area temperature records date back to January 1874.

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

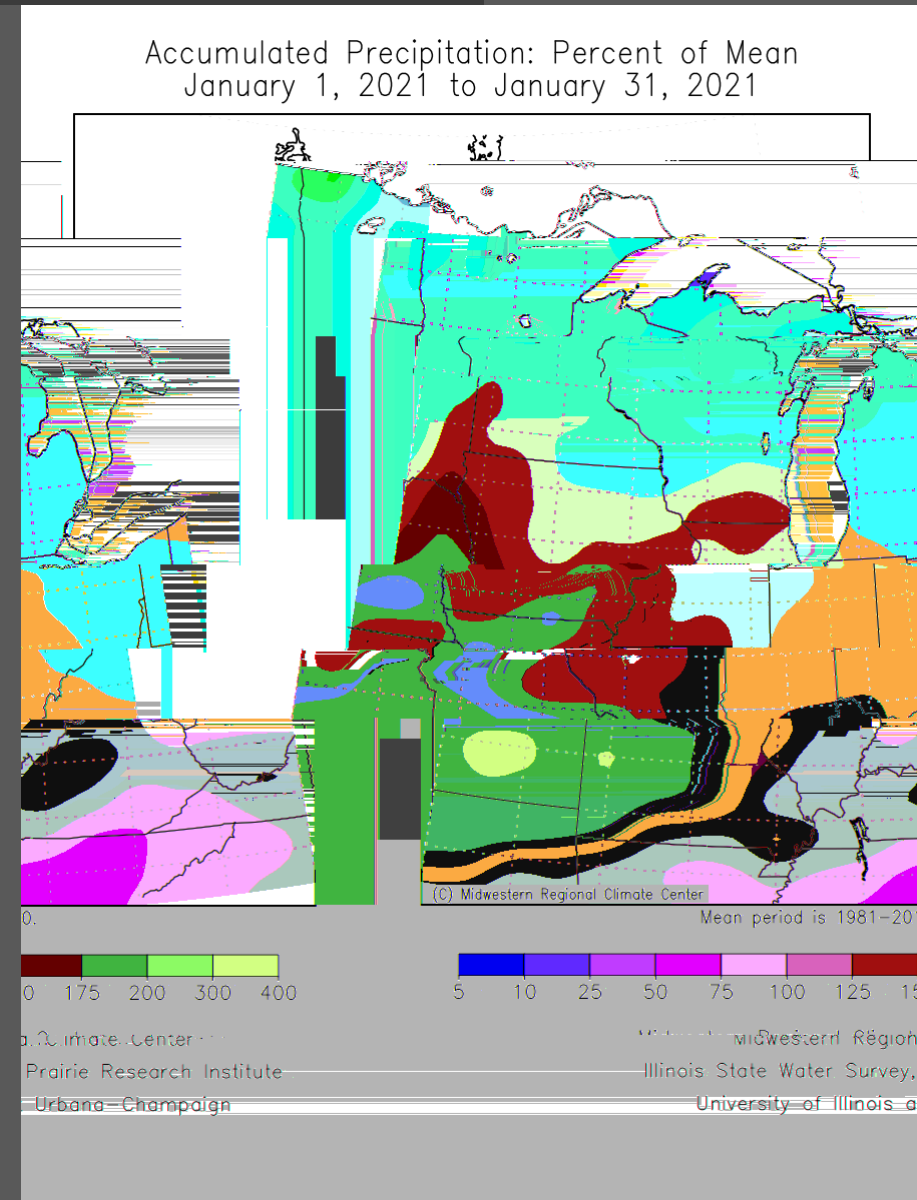
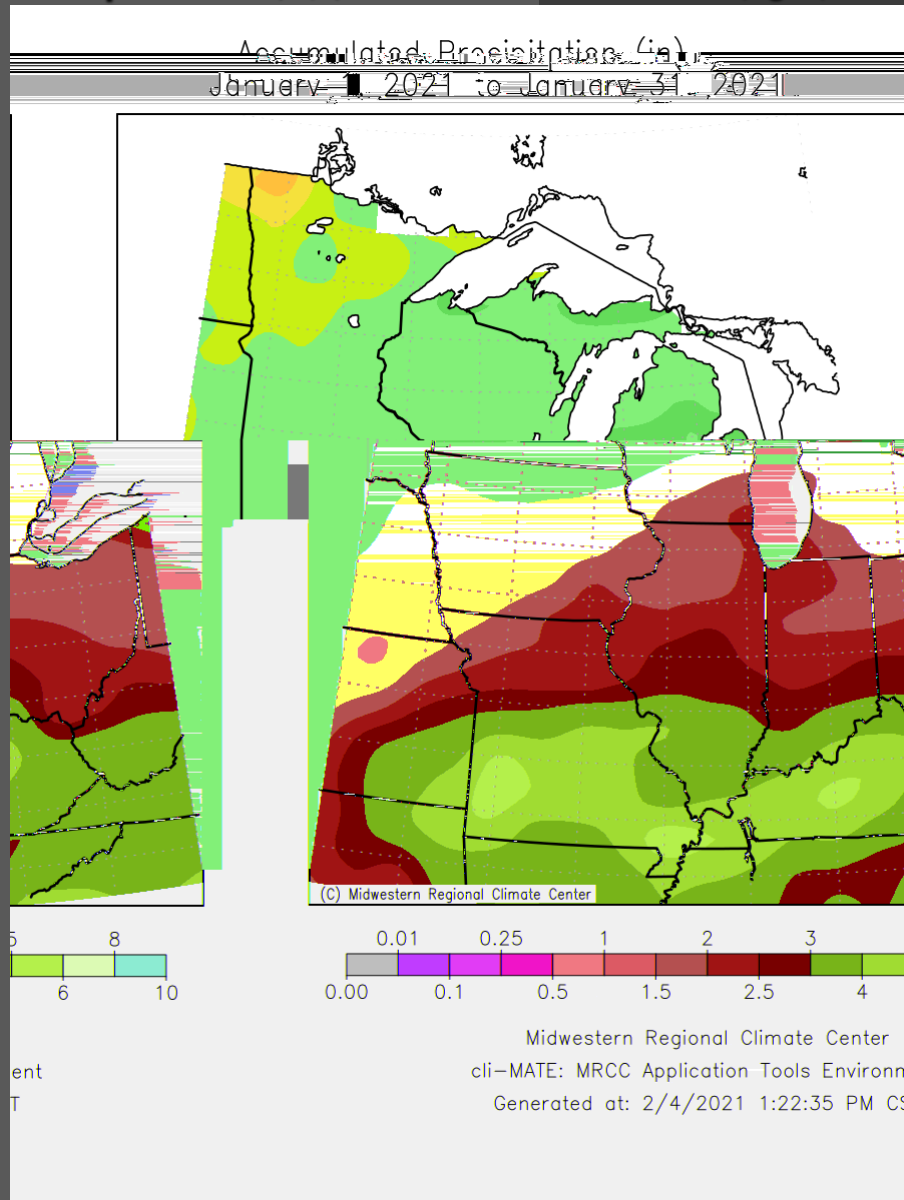
*** Saginaw Area temperature records date back to January 1912.

January 2021 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



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



January 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
ADRIAN LENAWEE COUNTY AP	0.31	0.94	9
ALGONAC WWTP	0.14	0.75	10
ANN ARBOR 2.1 WNW	0.34	1.32	16
ANN ARBOR 3.1 SE	0.36	1.30	13
ANN ARBOR 4.5 W	0.33	1.32	13
ANN ARBOR 7.1 W	0.44	1.36	15
ANN ARBOR MUNICIPAL AP	0.33	0.98	11
ANN ARBOR SE	0.34	1.60	17
ANN ARBOR U OF MICH	0.41	1.71	13
AUBURN 2NE	0.52	0.87	4
BAD AXE	0.41	1.28	9
BAY PORT 3.2 SSW	0.44	1.05	9
BURTON 4N	0.51	1.26	11
CANTON 2.7 N	0.30	1.25	10
CARO WWTP	0.40	0.97	5
CASS CITY 1 SSW	0.30	1.14	8
CHELSEA	0.37	1.48	14
CHELSEA 3.7 NNE	0.39	1.69	14
CHESANING	0.43	1.15	10
CHESTERFIELD 2.4 E	0.33	1.17	14
DAVISBURG 1.3 ESE	0.37	1.26	16
DAVISON 5.2 N	0.31	0.86	12
DEARBORN HEIGHTS 1.8 NW	0.32	1.19	13
DETROIT CITY AP	0.22	0.75	9
DETROIT METRO AIRPORT	0.30	1.03	11
DETROIT WILLOW RUN AP	0.33	1.00	7
DEXTER 0.9 NW	0.45	1.56	15
DEXTER 2.2 SE	0.53	1.77	14
DUNDEE	0.41	1.15	13

Location	Highest Daily Total	Monthly Total	# of Days with Precip
DURAND 6.2 WNW	0.51	1.58	16
FARMINGTON	0.26	1.03	9
FARMINGTON HILLS 1.4 N	0.22	1.10	9
FENTON 2.7 SSE	0.41	1.37	13
FENTON 6.2 WSW	0.38	1.02	14
FILION 5NNW	0.48	1.18	13
FLINT 7W	0.47	1.08	14
FLINT FCWOS	0.28	1.12	14
FRASER 1.2 N	0.39	1.07	12
GOODRICH	0.38	0.95	14
GRAND BLANC 2.9 SE	0.46	1.33	14
GROSSE POINTE FARMS	0.42	1.27	9
HARBOR BEACH 1 SSE	0.35	1.16	9
HIGHLAND 1.3 NE	0.36	1.41	14
LAPEER 2W	0.38	1.21	14
LAPEER WWTP	0.34	1.10	9
LEXINGTON WATER PLANT	0.37	0.64	7
LIVONIA 2.0 NE	0.31	1.14	10
LIVONIA 2.3 NNW	0.30	1.31	17
MANCHESTER	0.42	1.44	13
MIDLAND	0.43	1.19	7
MIDLAND 1.5 NNE	0.60	1.43	8
MIDLAND 2.9 SW	0.54	1.15	5
MONROE 3.0 S	0.46	1.14	12
MORENCI	0.64	1.73	8
NEW BALTIMORE 0.4 SSE	0.39	1.18	14
NEWPORT 4SSE	0.40	0.90	10
OIL CITY 2S	0.33	1.13	14

Location	Highest Daily Total	Monthly Total	# of Days with Precip
ORTONVILLE 2.3 S	0.37	1.06	15
OTTAWA LAKE 1.4 SSW	0.43	0.97	10
OWOSSO WWTP	0.45	1.22	15
PLEASANT RIDGE 0.5 WNW	0.36	1.47	15
PLYMOUTH 5.4 W	0.29	1.43	12
PONTIAC INTL AP	0.22	0.78	9
PONTIAC WWTP	0.35	1.18	12
PORT HOPE	0.31	1.15	9
PORT HURON	0.34	1.25	11
PORT HURON 1.6 W	0.57	1.28	13
RICHMOND 4 NNW	0.22	0.88	7
ROSEVILLE 1.7 ENE	0.34	1.21	9
SAGINAW 6.4 W	0.35	0.90	7
SAGINAW 8NW	0.36	0.72	5
SAGINAW #3	0.36	1.06	11
SAGINAW MBS INTL AP	0.26	0.77	7
SALINE 3.8 SSW	0.40	1.56	10
SALINE 4SW	0.43	1.72	13
SHELBY 0.4 SSE	0.33	1.05	12
TROY 1.8 S	0.33	0.87	9
UTICA 2.9 E	0.32	0.88	12
VASSAR	0.46	0.86	5
WATERFORD 2.1 NW	0.28	0.89	12
WHITE LAKE 0.5 E	0.54	1.47	12
WHITE LAKE 4E	0.21	1.11	12
WHITMORE LAKE 1NW	0.31	1.31	10
WIXOM 2.0 NNW	0.28	1.29	12
WYANDOTTE	0.47	1.10	10

January – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Januaries 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	5.02	1932	0.23	1961	4.02	2006	0.07	1945	4.04	1998	0.24	1945
2	4.96	1874	0.28	1921	3.90	2013	0.26	2003	3.74	1993	0.29	1919
3	4.38	1950	0.42	2003	3.56	1947	0.32	1961	3.55	1932	0.38	1921
4	4.31	1916	0.45	1945	3.36	2020	0.41	1940	3.50	1950	0.40	1934
5	4.27	1929	0.57	1981	3.21	1950	0.45	1921	3.43	2005	0.46	1961
6	4.12	2020	0.57	1902	3.17	1951	0.46	1971	3.26	2013	0.46	1933
7	3.95	1913	0.64	1963	3.13	2017	0.48	1958	3.19	1967	0.50	2003
8	3.92	1993	0.68	1966	3.07	1932	0.51	1966	3.11	1914	0.50	1942
9	3.87	1907	0.69	2001	3.05	1998	0.56	1984	3.09	1999	0.54	1981
10	3.85	1930	0.69	1980	2.93	2005	0.57	1977	3.06	1978	0.59	1980
11	3.74	1965	0.76	2010	2.89	1999	0.59	1981	3.00	2006	0.62	1984
12	3.64	1937	0.78	1984	2.89	1975	0.63	1963	2.97	1962	0.68	1977
13	3.45	2013	0.80	1958	2.80	1993	0.63	1934	2.92	1974	0.74	1920
14	3.43	1982	0.84	1983	2.61	1974	0.70	1986	2.91	1969	0.75	1926
15	3.40	2005	0.87	1938	2.60	1965	0.78	1970	2.79	1965	0.77	2021
16	3.36	2002	0.91	1919	2.60	1949	0.82	1922	2.72	1982	0.77	2009
17	3.34	1904	0.92	1891	2.53	2014	0.83	2010	2.71	1959	0.78	1912
18	3.32	1898	0.94	1894	2.52	1959	0.91	1925	2.67	1951	0.79	1986
19	3.26	1974	0.97	1875	2.49	2008	0.93	1936	2.64	1975	0.81	1964
20	3.26	1914	0.98	1977	2.41	1967	0.96	2009	2.63	1997	0.86	1956

* Detroit Area precipitation records date back to November 1874.

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

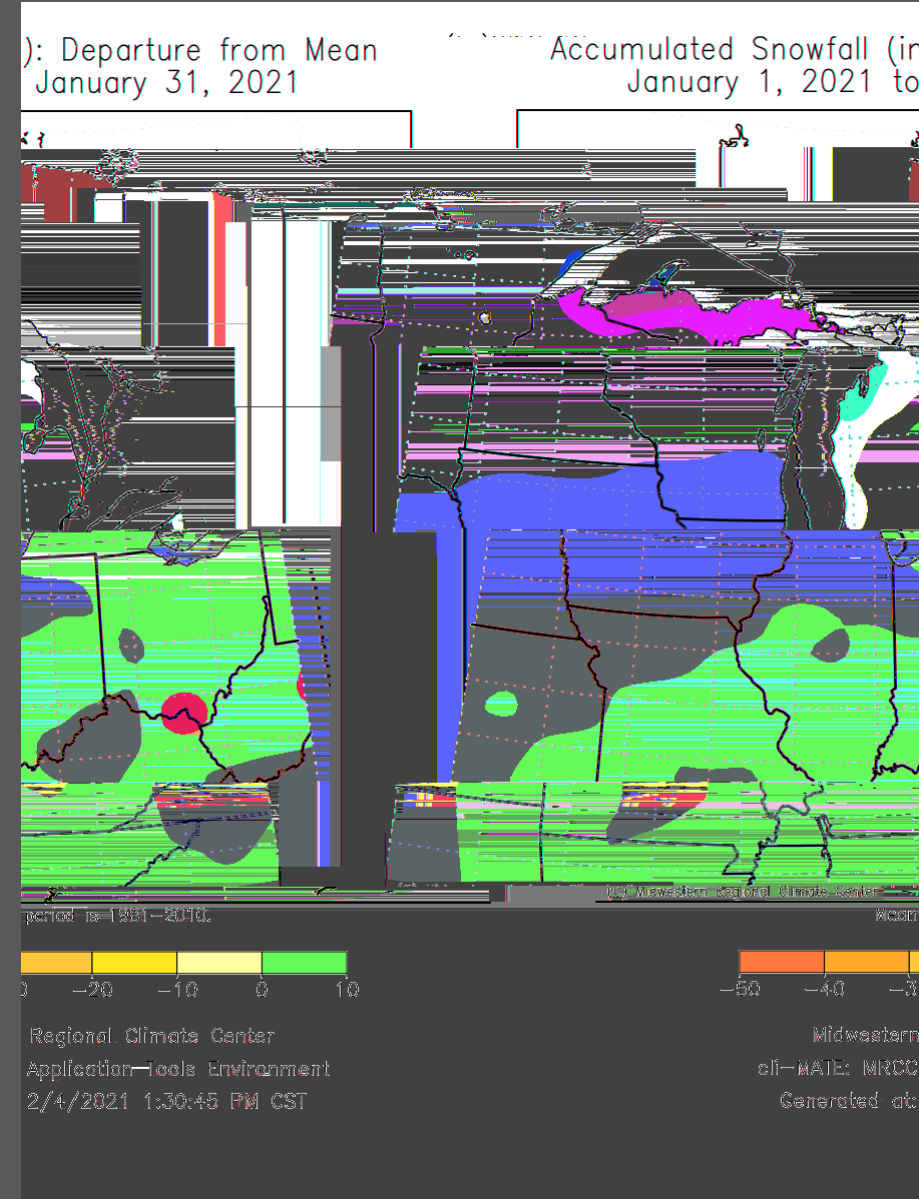
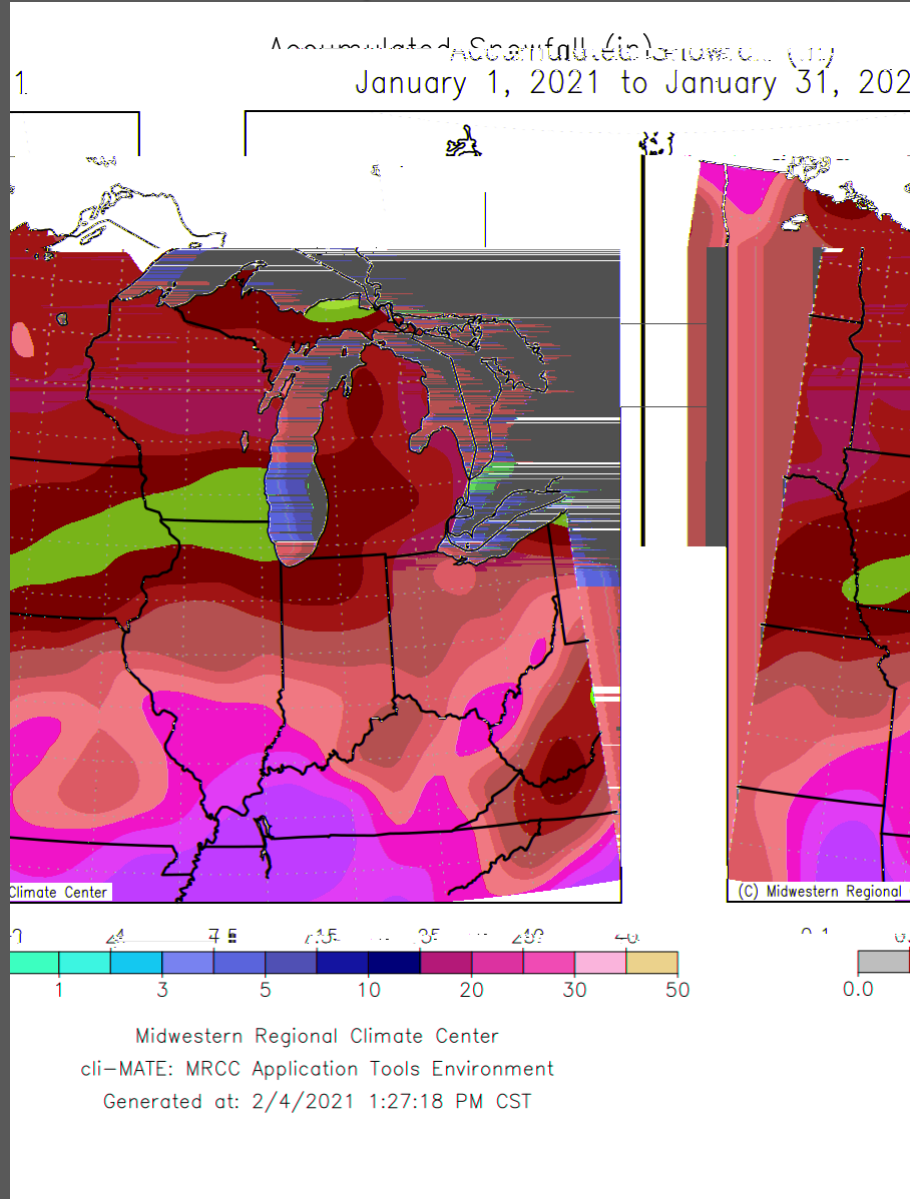
*** Saginaw Area precipitation records date back to January 1912.

January 2021 – Regional Snowfall Summary

Weather Forecast Office
Detroit, MI



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



January 2021 – 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	1.7	3.8	4	DURAND WWTP	3.1	5.1	4	OIL CITY 2S	3.7	10.0	12
ALGONAC WWTP	2.0	3.5	4	FARMINGTON	2.8	6.5	7	OTTAWA LAKE 1.4 SSW	2.0	4.8	5
ANN ARBOR 2.1 WNW	2.2	9.5	13	FARMINGTON HLS 1.4 N	2.3	10.5	11	OWOSSO WWTP	3.0	10.5	13
ANN ARBOR 3.1 SE	0.9	5.1	9	FENTON 6.2 WSW	2.4	10.2	12	PLEASNT RDG 0.5 WNW	2.2	7.1	8
ANN ARBOR 4.5 W	2.0	7.0	10	FILION 5NNW	4.1	9.9	12	PLYMOUTH 5.4 W	2.3	9.8	11
ANN ARBOR 7.1 W	3.0	8.1	12	FLINT 7W	3.3	11.7	13	PONTIAC WWTP	2.0	8.3	7
ANN ARBOR SE	1.8	11.4	14	FLINT FCWOS	4.2	12.4	12	PORT HURON	2.5	3.1	3
ANN ARBOR U OF MICH	2.7	13.1	13	FRASER 1.2 N	1.2	4.9	8	PORT HURON 1.6 W	2.3	5.1	7
AUBURN 2NE	4.2	11.1	10	GOODRICH	1.8	8.8	14	RICHMOND 4 NNW	2.3	7.8	6
BAD AXE	3.0	7.4	10	GRAND BLANC 2.9 SE	2.2	11.3	13	SAGINAW 6.4 W	2.0	6.5	5
BAY PORT 3.2 SSW	3.5	8.2	5	GROSSE POINTE FARMS	1.9	5.9	7	SAGINAW 8NW	2.8	6.8	6
BURTON 4N	2.5	7.8	10	HARBOR BEACH 1 SSE	4.1	7.7	6	SAGINAW #3	3.5	7.4	8
CANTON 2.7 N	1.7	6.2	9	LAPEER 2W	3.3	11.7	12	SAGINAW MBS INTL AP	4.3	8.3	6
CARO WWTP	2.3	5.3	5	LAPEER WWTP	2.0	7.5	7	SALINE 3.8 SSW	1.8	4.6	6
CASS CITY 1 SSW	3.0	7.4	5	LINDEN WWTP	1.5	4.4	5	SHELBY 0.4 SSE	2.0	7.0	8
CHELSEA	3.0	11.4	11	LIVONIA 2.0 NE	2.5	6.4	6	UTICA 2.9 E	1.5	5.3	7
CHELSEA 3.7 NNE	3.0	12.5	13	LIVONIA 2.3 NNW	2.4	8.5	11	VASSAR	2.9	8.4	5
CHESANING	3.0	6.7	7	MANCHESTER	2.3	6.1	11	WATERFORD 2.1 NW	2.0	8.8	11
DAVISON 5.2 N	3.0	8.3	9	MIDLAND 1.5 NNE	5.0	11.2	7	WHITE LAKE 4E	2.5	11.3	13
DETROIT METRO AIRPORT	1.4	6.4	10	MORENCI	3.1	6.9	7	WHITMORE LAKE 1NW	2.5	9.1	8
DUNDEE	1.2	4.4	6	NEW BALTIMORE 0.4 SSE	2.0	6.4	7	WYANDOTTE	1.2	5.9	11
DURAND 6.2 WNW	3.0	10.4	12	NEWPORT 4SSE	2.2	5.8	8				

January – Top 20 Snowiest/Least Snowy on Record

Weather Forecast Office
Detroit, MI



Top 20 Snowiest/Snowless Januaries 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	39.1	2014	0.4	1933	32.9	2014	0.0	1934	30.9	1967	0.1	1973
2	29.6	1978	0.9	1932	28.5	1976	0.2	1933	30.3	1978	0.4	1933
3	27.3	1999	0.9	1921	27.6	1967	0.5	1932	29.0	1999	0.9	1921
4	26.9	2005	1.1	1916	26.1	1979	0.8	1921	26.1	1979	1.0	1919
5	25.2	2009	1.4	1935	26.0	1959	1.2	1937	26.0	1997	1.5	1937
6	24.0	1987	1.4	1894	24.9	1999	1.3	1973	24.4	2004	1.7	1942
7	23.1	1893	1.5	1983	24.7	2004	2.0	1945	22.6	1914	1.8	1916
8	22.2	1910	1.5	1891	23.6	1978	3.1	1949	22.0	2011	2.0	1934
9	21.9	1929	1.6	1890	22.8	2008	3.1	1955	21.7	1918	2.3	1944
10	21.8	1914	1.7	1919	20.2	2018	3.1	1944	21.2	1947	2.5	1950
11	21.8	1881	1.9	1944	19.7	2005	3.4	1935	19.7	1943	2.8	1945
12	21.5	1895	2.4	1973	19.3	1982	3.8	1983	19.6	1976	2.9	1949
13	21.1	1939	2.6	1896	18.4	1995	4.1	1940	19.2	1962	2.9	1928
14	20.9	1985	2.8	1980	18.3	1930	4.9	1996	18.9	2008	3.1	1964
15	20.8	1997	2.9	1955	17.4	1943	5.1	2001	18.0	1982	3.4	1990
16	20.1	1904	3.3	1961	17.3	2011	5.2	1964	16.9	1959	3.4	1980
17	20.0	1982	3.4	2001	17.3	1997	5.2	1950	16.0	1929	3.5	1983
18	18.6	1918	3.4	1958	17.1	2009	5.3	1938	15.9	2005	4.0	1932
19	18.4	1943	3.6	1942	16.9	1987	5.5	1941	15.8	1985	4.1	1975
20	18.4	1992	3.7	1882	16.8	2019	5.5	1922	15.6	2014	4.4	2018

* Detroit Area snowfall records date back to January 1880.

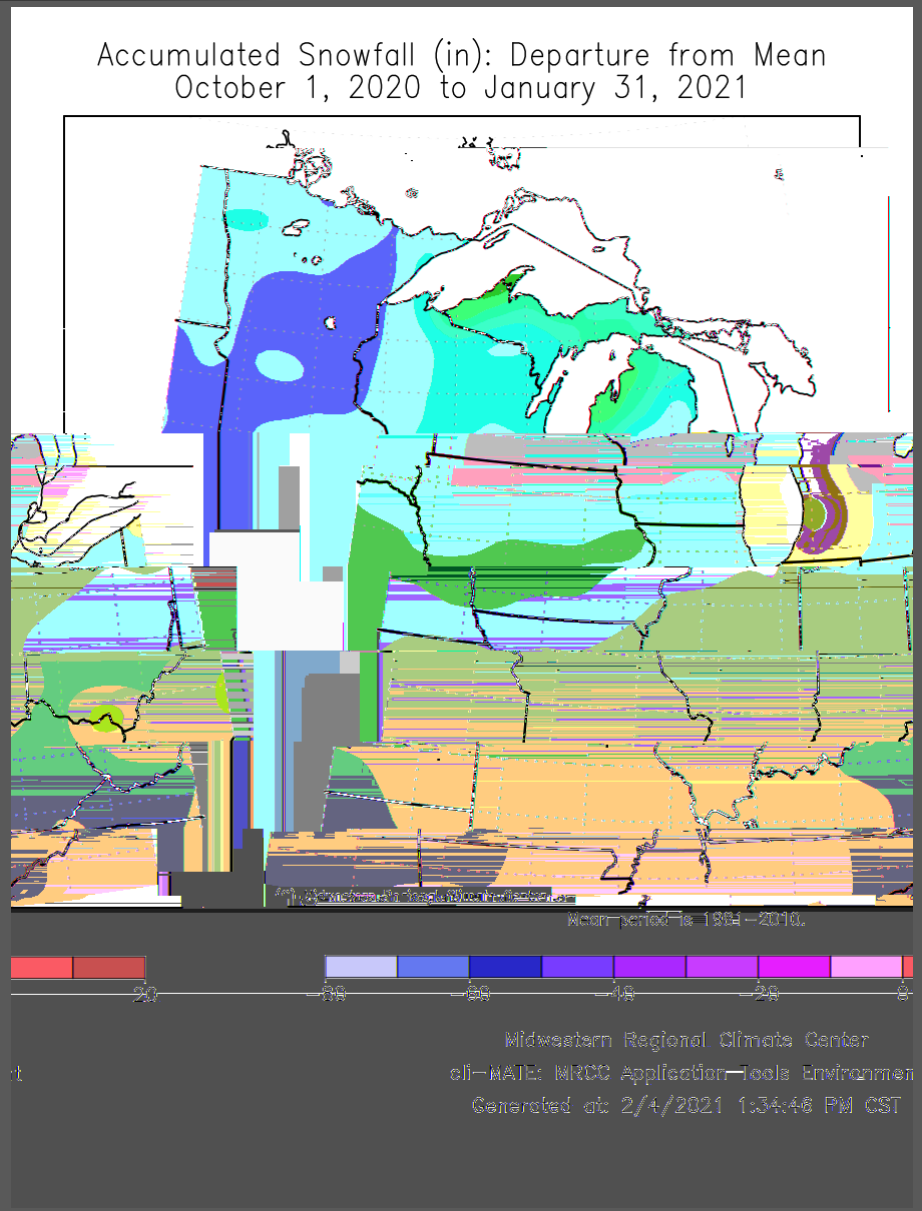
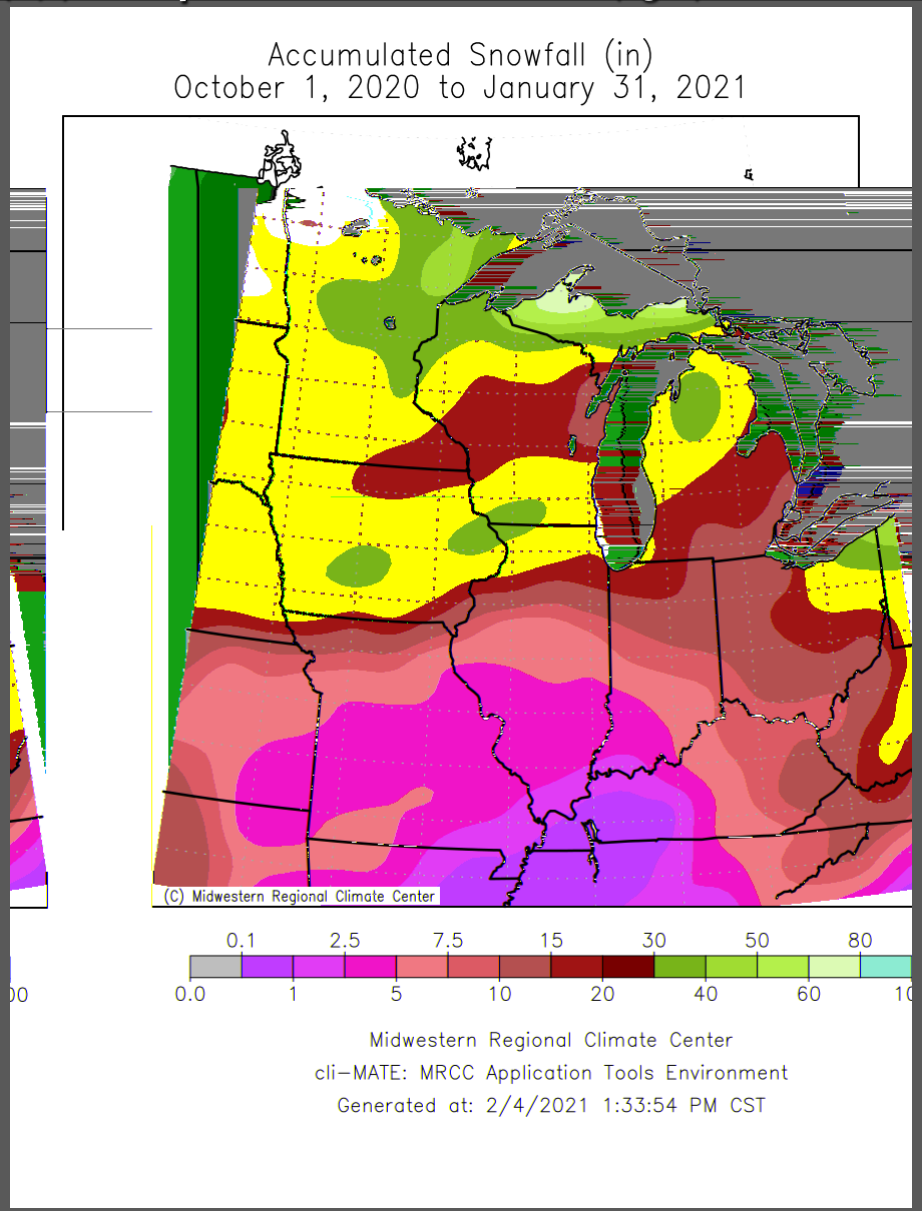
** Flint Bishop snowfall records date back to January 1921.

*** 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)

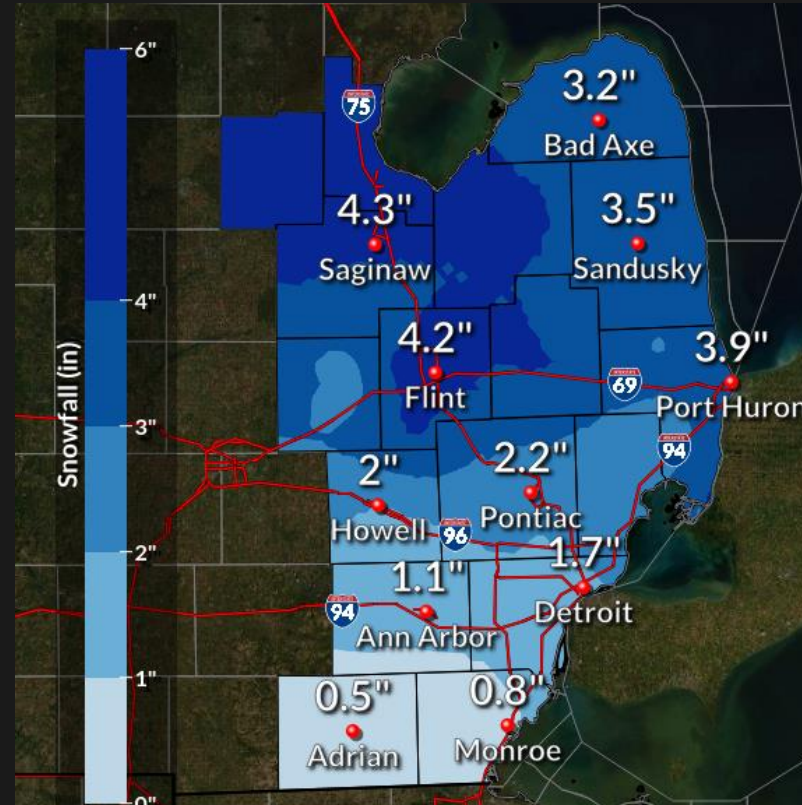


January 2021 – Significant Weather Events

Weather Forecast Office
Detroit, MI



Follow links for web summaries



January 26 Snowfall

weather.gov/dtx/winterweatheradvisory-01-26-2021



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

Observed Weather Reports

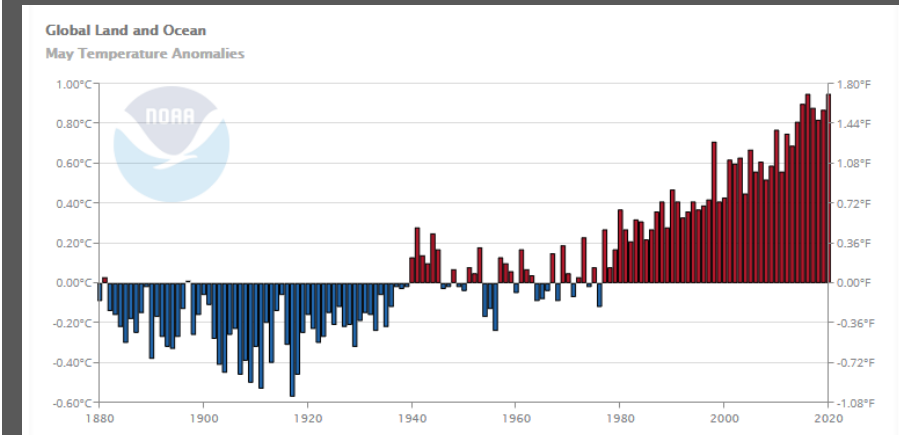
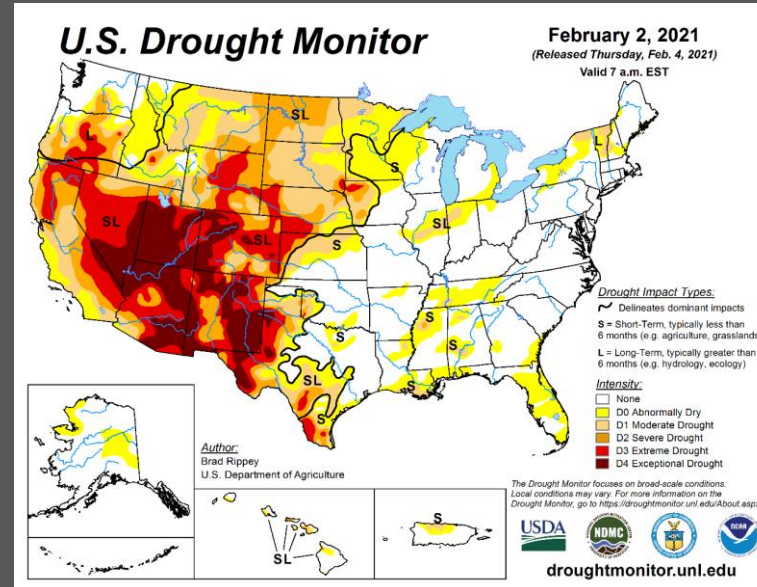
1. Product »
 Daily Climate Report (CLI)
 Preliminary Monthly Climate Data (CF6)
 Record Event Report (RER)
 Monthly Weather Summary (CLM)
 Regional Summary (RTP)
 State Summary (Temp/Precip)
[Storm Event Database \(NCDC\)](#)

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

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!