

Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



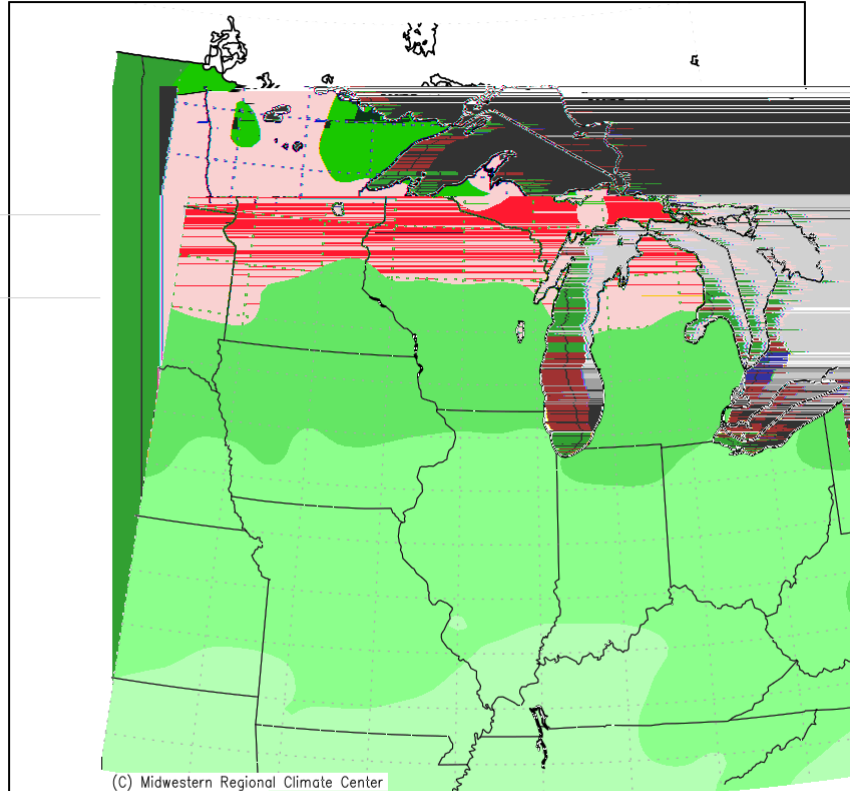
April 2021 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI

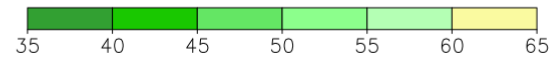


Average Temperature (left) & Departure from Average (right)

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

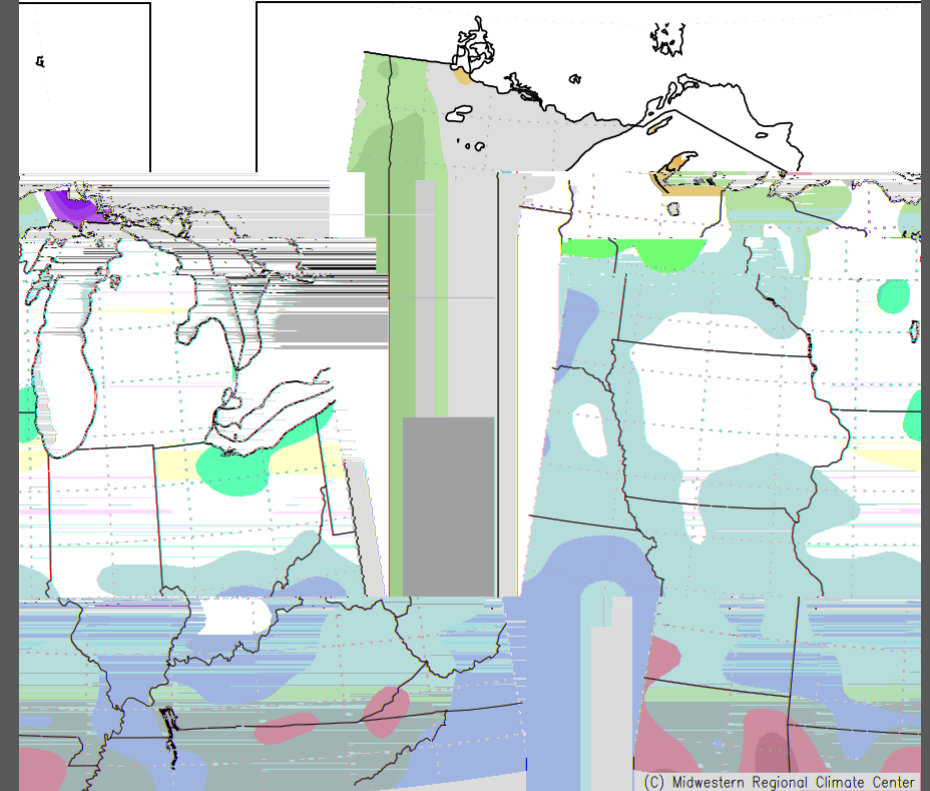


(C) Midwestern Regional Climate Center



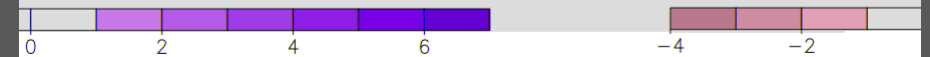
Midwestern Regional Climate Center
Illinois State Water Survey, Prairie Research Institute
University of Illinois at Urbana-Champaign

Departure from Average (°F)
April 1, 2021 to April 30, 2021



Mean period is 1981-2010.

(C) Midwestern Regional Climate Center



Midwestern Regional Climate Center
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April 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	82	21	60.8	38.3	49.6	LAPEER 2W	83	19	59.1	37.2	48.2
ALGONAC WWTP	82	18	60.4	35.7	48.1	LAPEER WWTP	81	20	58.9	35.7	47.3
ANN ARBOR SE	82	19	60.4	35.3	47.8	LEXINGTON WATER PLANT	76	22	55.1	36.3	45.7
ANN ARBOR U OF MICH	83	17	62.6	35.7	49.2	LINDEN WWTP	79	18	58.4	35.7	47.1
AUBURN 2NE	81	15	59.8	34.5	47.2	MANCHESTER	83	17	60.6	34.7	47.6
BAD AXE	78	20	55.9	35.4	45.6	MIDLAND	80	19	58.3	38.3	48.3
BURTON 4N	82	19	60.1	35.1	47.6	NEWPORT 4SSE	78	20	56.2	38.3	47.3
CARO WWTP	80	18	58.3	35.9	47.1	OIL CITY 2S	80	14	58.7	33.0	45.9
CASS CITY 1 SSW	80	16	57.9	33.8	45.9	OWOSSO WWTP	81	20	60.1	36.5	48.3
CHELSEA	82	20	60.4	36.2	48.3	PONTIAC INTL AP	80	22	59.3	38.3	48.8
DEARBORN NO. 2	83	21	61.6	40.4	51.0	PONTIAC WWTP	81	22	59.3	37.6	48.4
DETROIT CITY AP	83	25	61.9	41.7	51.8	PORT HOPE	77	25	52.8	38.3	45.5
DETROIT METRO AIRPORT	83	21	61.1	40.1	50.6	PORT HURON	74	26	56.7	40.7	48.7
DETROIT WILLOW RUN AP	87	22	64.2	40.3	52.3	RICHMOND 4 NNW	80	23	58.6	37.9	48.2
DUNDEE	83	21	61.6	37.6	49.6	SAGINAW #3	81	20	59.6	37.3	48.5
FARMINGTON	81	20	59.6	35.0	47.3	SAGINAW MBS INTL AP	81	19	60.0	37.8	48.9
FILION 5NNW	79	27	58.1	39.1	48.6	SALINE 4SW	82	21	62.4	36.9	49.7
FLINT 7W	80	20	59.3	36.0	47.7	TIPTON 2WNW	82	19	60.6	34.1	47.4
FLINT FCWOS	83	20	60.6	37.8	49.2	VASSAR	82	17	59.7	33.1	46.4
GOODRICH	82	17	59.3	36.5	47.9	WHITE LAKE 4E	78	14	56.8	34.3	45.5
GROSSE POINTE FARMS	83	23	58.2	38.8	48.5	WHITMORE LAKE 1NW	82	18	59.8	34.6	47.2
HARBOR BEACH 1 SSE	66	23	51.5	36.1	43.8						

April – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



Top 20 Coldest/Warmest Aprils 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	37.6	1874	54.5	1955	39.1	2018	53.7	1941	37.9	1950	52.7	1985
2	39.1	1907	54.3	2017	39.4	1950	52.5	1955	39.0	2018	52.6	1955
3	40.5	1875	54.2	2010	40.2	1975	52.4	1921	39.2	1920	51.7	2010
4	40.9	1975	53.4	1878	41.3	1944	51.8	1985	39.4	1926	51.7	1921
5	40.9	1926	53.2	1921	41.3	1943	51.6	2010	40.0	1943	51.6	1915
6	41.0	1920	52.9	1942	41.5	1926	51.5	1925	40.2	1944	50.9	1977
7	41.2	1904	52.6	1941	41.6	1961	51.4	2017	41.1	1940	50.8	2017
8	41.5	1950	52.4	1977	42.4	1996	51.0	2008	41.2	1965	50.7	1941
9	42.3	1936	52.2	2006	42.4	1972	50.4	1942	41.3	1982	49.9	1968
10	42.4	1943	52.2	1915	42.5	1953	50.2	1991	41.4	1978	49.6	1942
11	42.8	1940	52.0	1991	42.6	1995	50.2	1948	41.4	1975	49.3	1976
12	42.9	1944	51.8	2008	42.7	1947	49.9	2004	41.5	1917	49.1	2008
13	43.0	2018	51.3	1925	42.8	1965	49.9	1987	41.6	1953	48.9	2006
14	43.2	1982	51.3	1896	42.9	1997	49.5	1977	41.7	1936	48.9	2021
15	43.2	1888	51.2	1994	43.2	1982	49.4	1986	41.8	1983	48.9	1991
16	43.4	1909	51.2	1948	43.2	1956	49.2	2021	41.8	1972	48.8	1929
17	43.5	1961	51.1	2001	43.3	1971	49.1	1929	41.9	1996	48.7	1969
18	43.6	1917	51.1	1886	43.3	1932	48.8	1968	42.0	1956	48.7	1938
19	43.7	1928	51.0	1985	43.4	1966	48.5	2001	42.1	1947	48.5	1986
20	43.7	1876	50.9	1968	43.5	1936	48.4	1990	42.3	1995	48.5	1948

* Detroit Area temperature records date back to January 1874.

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

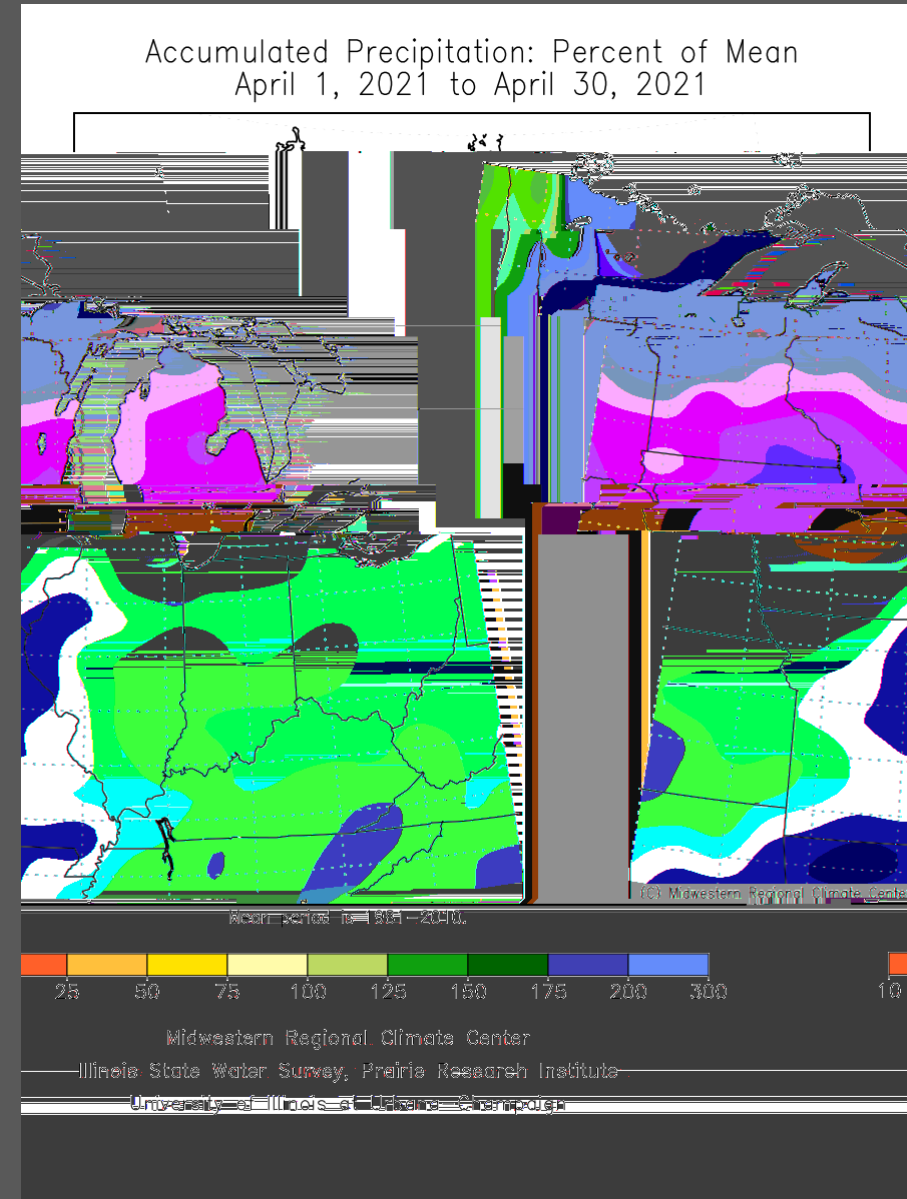
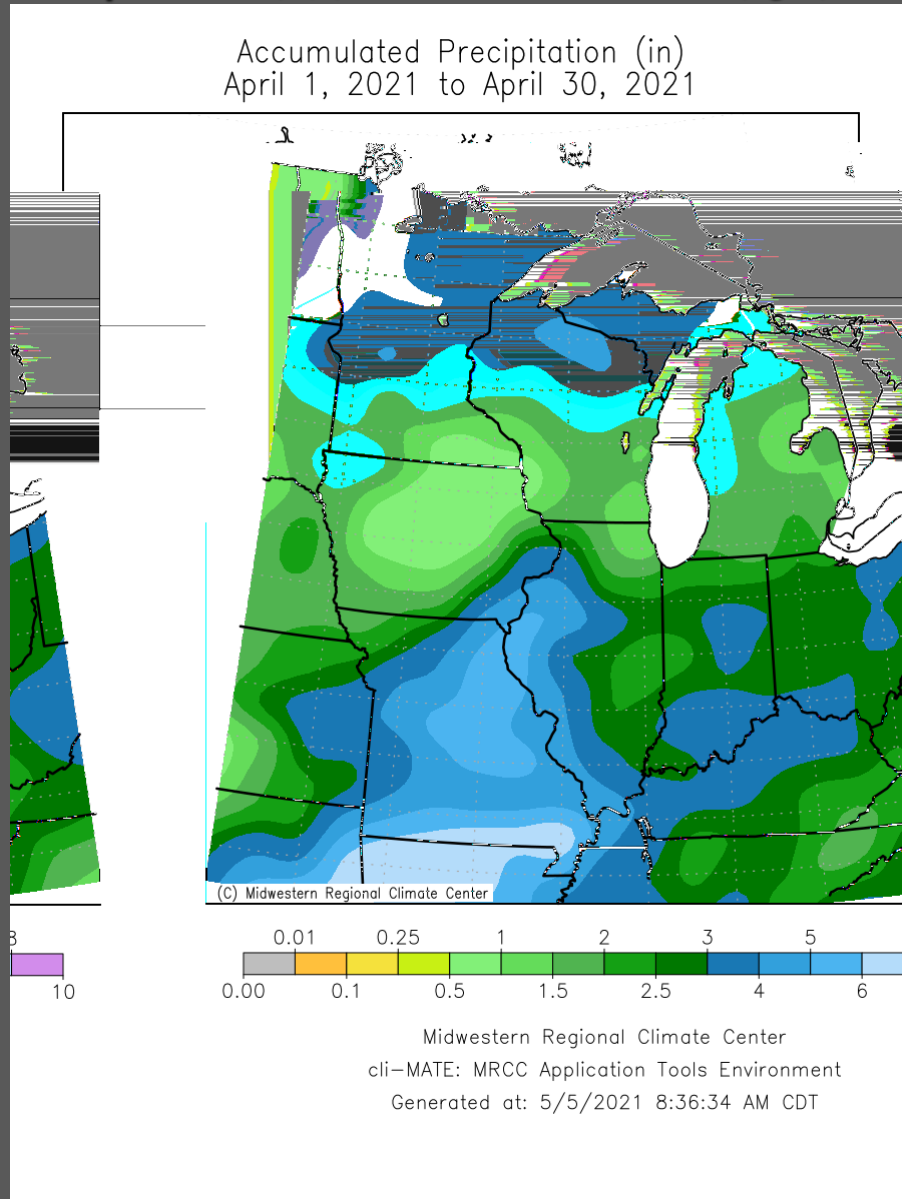
*** Saginaw Area temperature records date back to January 1912.

April 2021 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



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



April 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 CNTY AP	0.92	2.35	9	DEXTER 0.3 ENE	1.01	2.53	9	OWOSSO WWTP	0.90	2.22	9
ALGONAC WWTP	0.41	1.16	8	DEXTER 2.2 SE	0.80	2.48	10	PLEASANT RIDGE 0.5 WNW	0.60	1.74	12
ANN ARBOR 3.0 SE	0.91	2.73	9	FARMINGTON	0.48	1.64	9	PLYMOUTH 5.4 W	1.09	2.48	10
ANN ARBOR 4.5 W	0.84	2.53	9	FARMINGTON HILLS 1.4 N	0.49	1.73	10	PONTIAC INTL AP	0.46	1.64	12
ANN ARBOR SE	0.91	2.68	10	FENTON 2.7 SSE	0.60	1.68	12	PONTIAC WWTP	0.45	1.58	9
ANN ARBOR U OF MICH	1.64	3.28	13	FENTON 5.6 WSW	0.59	1.72	9	PORT HOPE	0.43	1.54	14
AUBURN 2NE	0.36	0.92	11	FENTON 6.2 WSW	0.66	1.59	10	PORT HURON	0.33	1.14	10
BAD AXE	0.42	1.77	17	FLINT 7W	0.55	1.79	9	PORT HURON 1.6 W	0.33	1.34	11
BAY PORT 3.2 SSW	0.43	1.92	16	FLINT FCWOS	0.46	1.55	11	PORT HURON 2.8 WSW	0.32	1.24	9
BELLEVILLE 2.8 ESE	0.97	2.65	10	FRASER 1.2 N	0.31	1.50	10	RICHMOND 4 NNW	0.44	1.24	9
BLOOMFIELD TWP 3.1 SW	0.53	1.54	7	GOODRICH	0.34	1.38	9	ROSEVILLE 1.7 ENE	0.32	1.26	11
BURTON 4N	0.42	1.39	10	GROSSE ILE 1.6 N	0.52	2.06	11	SAGINAW 6.4 W	0.60	1.60	13
CANTON 2.7 N	0.56	2.03	12	HARBOR BEACH 1 SSE	0.51	1.89	14	SAGINAW 8NW	0.64	1.31	10
CARLETON 2.5 S	1.18	3.03	11	HIGHLAND 1.3 NE	0.56	1.79	12	SAGINAW #3	0.55	1.56	12
CARO WWTP	0.26	1.12	11	LAPEER 2W	0.36	1.33	11	SAGINAW MBS INTL AP	0.55	1.22	9
CASS CITY 1 SSW	0.56	1.86	12	LAPEER WWTP	0.33	1.40	11	SALINE 3.8 SSW	1.02	2.88	10
CHELSEA	1.05	2.48	12	LINDEN WWTP	0.56	1.71	10	SALINE 4SW	1.02	2.82	12
CHELSEA 2.4 S	0.79	2.58	9	LIVONIA 2.0 NE	0.46	1.49	9	SHELBY 0.4 SSE	0.34	1.29	8
CHELSEA 3.7 NNE	0.95	2.36	9	LIVONIA 2.3 NNW	0.44	1.60	11	SOUTH LYON 2.6 SW	0.95	2.21	8
CHESANING	0.82	1.54	9	MIDLAND	0.55	1.10	8	TECUMSEH	1.17	2.54	11
CHESTERFIELD 2.4 E	0.36	1.18	12	MIDLAND 1.5 NNE	0.60	1.19	10	TIPTON 2WNW	1.00	2.39	10
DAVISBURG 1.3 ESE	0.45	1.51	10	MIDLAND 2.9 SW	0.61	1.28	9	TROY 1.8 S	0.73	1.72	9
DAVISON 5.2 N	0.39	1.15	9	MILFORD 4.3 ESE	0.42	1.57	9	VASSAR	0.51	1.21	9
DEARBORN	0.46	1.76	9	MILLINGTON 3 SE	0.38	1.40	10	WATERFORD 2.1 NW	0.44	1.61	11
DEARBORN HGHTS 1.8 NW	0.49	1.81	14	MONROE 3.0 S	1.17	3.94	10	WHITE LAKE 0.5 E	0.46	1.63	11
DEARBORN NO. 2	0.34	1.16	10	NEW BALTIMORE 0.4 SSE	0.41	1.52	13	WHITE LAKE 4E	0.53	1.64	13
DETROIT 4.4 S	0.43	1.52	11	NEWPORT 4SSE	1.12	3.50	12	WHITMORE LAKE 1NW	1.00	2.31	10
DETROIT CITY AP	0.30	1.16	12	OIL CITY 2S	0.58	1.40	7	WYANDOTTE	0.55	2.17	12
DETROIT METRO AIRPORT	0.50	1.79	12	ORTONVILLE 2.3 S	0.40	1.52	13	YPSILANTI 2.5 SSE	1.44	3.31	11
DETROIT WILLOW RUN AP	0.69	1.55	10	OTTAWA LAKE 1.4 SSW	1.22	2.98	9				

April – Top 20 Wettest/Driest on Record

Weather Forecast Office
Detroit, MI



Top 20 Wettest/Driest Aprils 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	6.89	1947	0.53	1899	6.44	2013	0.62	1942	7.33	2013	0.42	1940
2	6.17	1880	0.60	1902	5.90	1947	0.70	2004	6.83	1967	0.49	1946
3	5.82	2019	0.66	1915	5.73	1937	0.74	1946	5.96	2011	0.74	1942
4	5.65	1929	0.69	2004	5.63	1967	0.95	1931	5.93	1991	0.86	1935
5	5.61	2011	0.70	1875	5.59	1976	1.03	1978	5.89	2017	0.91	1938
6	5.51	1903	0.74	1946	5.47	2011	1.13	1935	5.61	2009	0.91	1924
7	5.29	2013	0.92	1971	5.42	2009	1.21	1997	5.47	1929	1.04	1931
8	5.29	1919	0.96	2008	5.21	1961	1.23	1982	5.34	1994	1.13	1978
9	5.23	1961	1.13	1882	5.19	2017	1.30	1955	5.15	1992	1.22	2021
10	5.13	1999	1.14	1889	5.06	1999	1.31	2005	4.82	1980	1.25	1998
11	5.03	2009	1.19	1887	5.01	1994	1.33	2012	4.81	1947	1.28	1971
12	5.03	1937	1.31	1895	4.98	1929	1.43	1998	4.43	1961	1.30	1914
13	4.97	1979	1.39	1874	4.55	1993	1.50	1989	4.19	1956	1.31	1923
14	4.92	1950	1.42	1973	4.32	1981	1.51	1938	3.84	1969	1.34	1944
15	4.73	1959	1.42	1925	4.31	1975	1.52	1925	3.72	1964	1.38	1915
16	4.73	1910	1.44	1888	4.25	1969	1.55	2021	3.72	1945	1.42	1989
17	4.65	1964	1.45	1942	4.25	1956	1.60	2008	3.71	1951	1.42	1930
18	4.61	1917	1.50	1988	4.07	1991	1.62	1971	3.70	1983	1.43	1916
19	4.48	2002	1.51	1898	4.05	1945	1.63	2015	3.67	1921	1.44	1934
20	4.44	1957	1.53	1883	3.87	1959	1.68	1968	3.58	1928	1.46	1932

* Detroit Area precipitation records date back to November 1874.

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

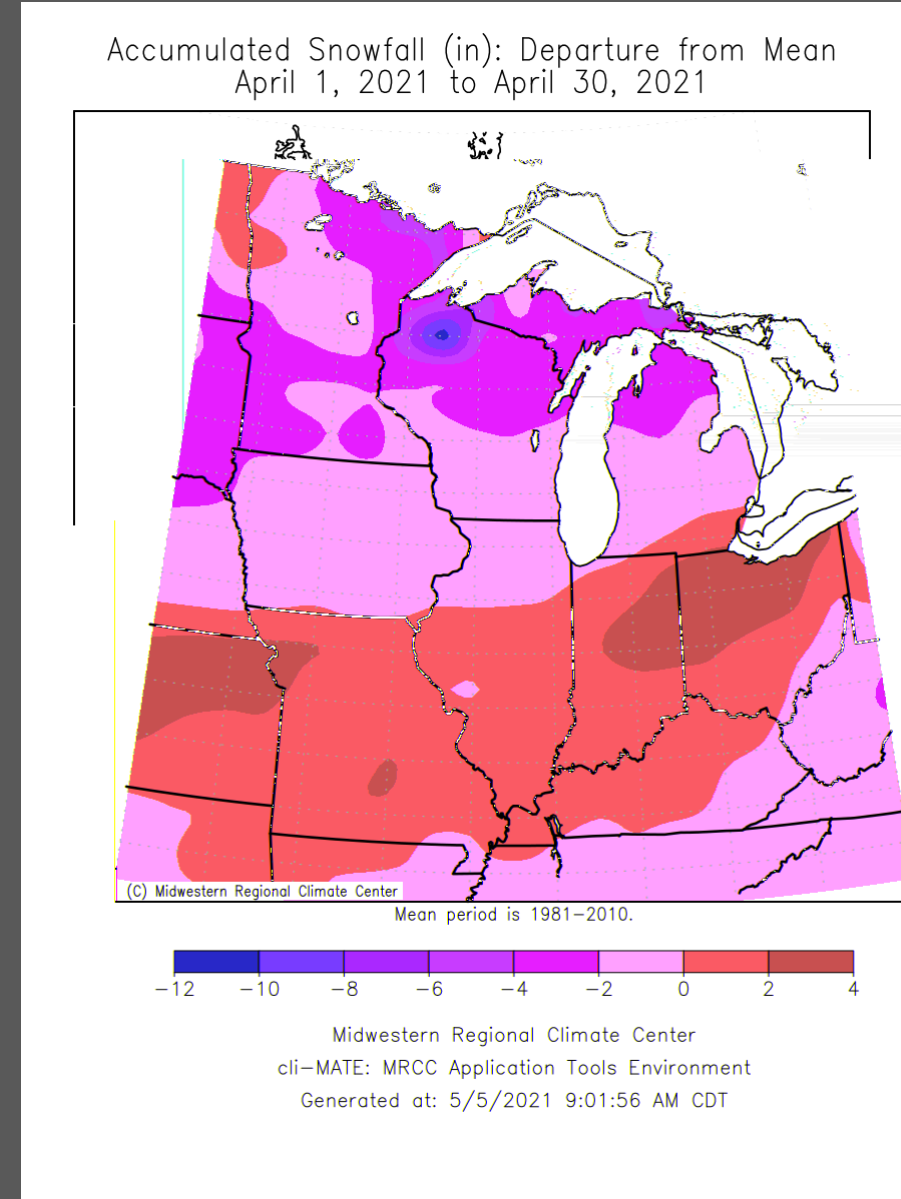
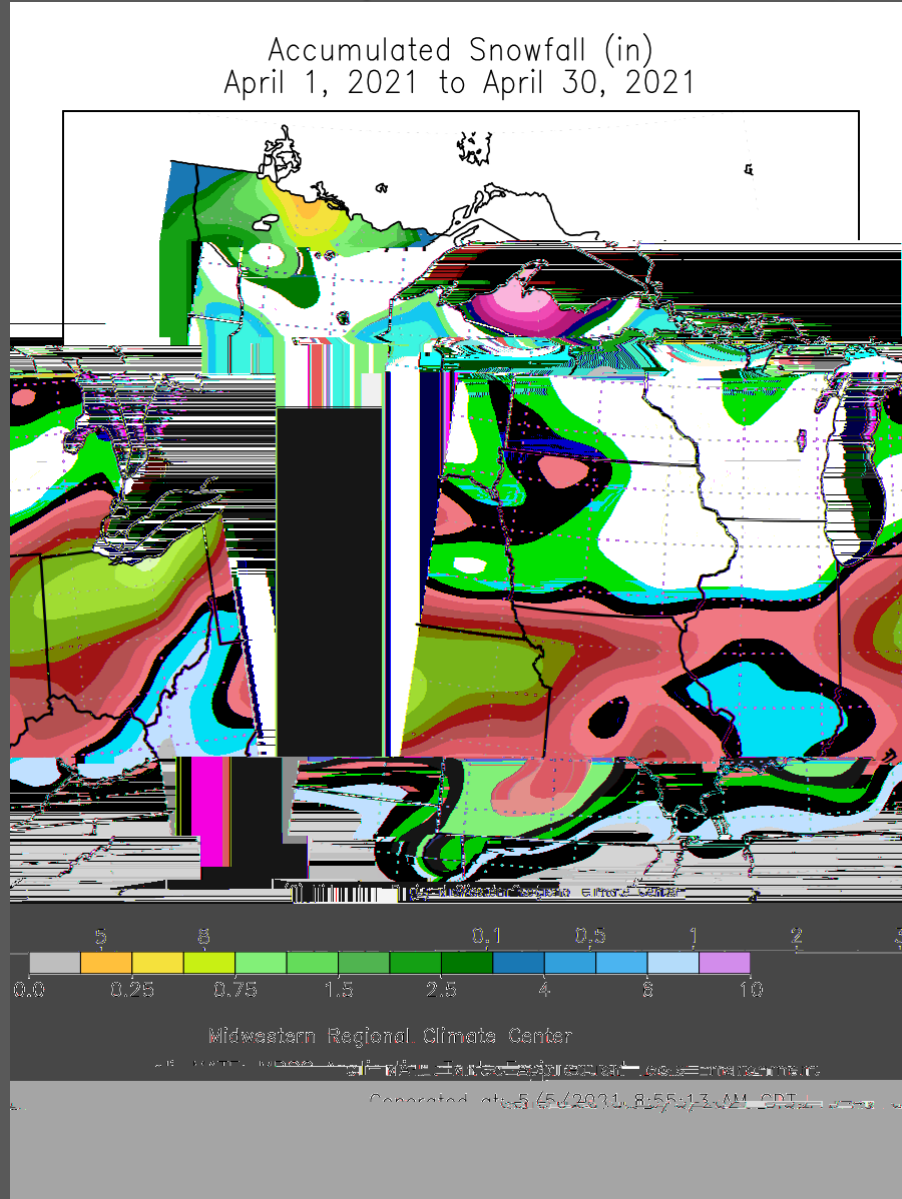
*** Saginaw Area precipitation records date back to January 1912.

April 2021 – Regional Snowfall Summary

Weather Forecast Office
Detroit, MI



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



April 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
ALGONAC WWTP	1.0	1.0	1
ANN ARBOR 7.1 W	T	T	0
ANN ARBOR SE	2.5	2.5	1
ANN ARBOR U OF MICH	1.3	2.4	3
AUBURN 2NE	T	T	0
BAD AXE	0.5	0.6	2
BAY PORT 3.2 SSW	0.5	0.5	1
BURTON 4N	0.3	0.5	2
CANTON 2.7 N	1.1	1.3	2
CASS CITY 1 SSW	1.0	1.0	1
CHELSEA	1.0	1.0	1
CHELSEA 3.7 NNE	1.0	1.0	1
CHESANING	0.0	0.0	0
DAVISON 5.2 N	0.3	0.3	1
DETROIT METRO AIRPORT	3.3	3.6	3
DEXTER 0.3 ENE	1.0	1.0	1
FARMINGTON	1.0	1.0	1
FENTON 6.2 WSW	T	T	0
FILION 5NNW	0.4	0.8	2
FLINT 7W	0.1	0.1	1
FLINT FCWOS	T	T	0
GOODRICH	0.3	0.3	1

Location	Highest Daily Total	Monthly Total	# of Days with Snow
GROSSE POINTE FARMS	1.0	1.5	2
HARBOR BEACH 1 SSE	0.4	0.4	1
LAPEER 2W	0.3	0.5	2
LAPEER WWTP	T	T	0
LINDEN WWTP	0.0	0.0	0
LIVONIA 2.3 NNW	1.0	1.2	2
MIDLAND 1.5 NNE	T	T	0
MILLINGTON 3 SE	1.2	1.2	1
NEWPORT 4SSE	4.4	4.4	1
OIL CITY 2S	T	T	0
OTTAWA LAKE 1.4 SSW	6.0	6.0	1
OWOSSO WWTP	T	T	0
PONTIAC WWTP	T	T	0
PORT HURON	T	T	0
PORT HURON 1.6 W	0.6	0.8	2
RICHMOND 4 NNW	0.8	1.6	3
SAGINAW 8NW	T	T	0
SAGINAW #3	0.0	0.0	0
SAGINAW MBS INTL AP	T	T	0
WHITE LAKE 4E	0.4	0.4	1
WYANDOTTE	4.4	4.5	2

April – Top 20 Snowiest/Least Snowy on Record



Top 20 Snowiest/Snowless Aprils 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	25.7	1886	0.0	1917	17.3	1975	0.0	1958	14.4	1975	0.0	1941
2	9.1	1923	0.0	1925	9.0	1926	0.0	1998	11.3	1952	0.0	1957
3	9.0	1982	0.0	1933	8.7	1970	0.0	1967	9.5	1970	0.0	1981
4	9.0	1926	0.0	1941	8.2	1982	0.0	1991	9.2	2000	0.0	1989
5	8.0	1885	0.0	1981	8.0	2005	0.0	1999	8.4	2002	0.0	2021
6	7.4	2009	0.0	1910	7.9	2018	0.0	1934	7.3	1926	0.0	1942
7	6.8	1943	0.0	1998	7.1	1983	0.0	1929	7.1	1939	0.0	1958
8	6.2	1881	0.0	2006	7.0	1993	0.0	1945	6.6	1993	0.0	1974
9	6.0	1894	0.0	1919	6.8	2016	0.0	1969	6.3	1920	0.0	1998
10	5.1	1920	0.0	1959	5.8	1965	0.0	1930	6.0	2005	0.0	1991
11	5.0	2003	0.0	1991	5.8	1952	0.0	1946	6.0	1965	0.0	1999
12	4.9	2020	0.0	1999	5.6	1961	0.0	2010	6.0	1938	0.0	1960
13	4.9	1903	0.0	2015	5.0	2009	0.0	1928	5.7	1980	0.0	1976
14	4.7	1942	0.0	1901	4.9	2007	0.0	1931	5.5	2018	0.0	1984
15	4.6	1921	0.0	1912	4.9	2000	0.0	1955	4.9	2003	0.0	2008
16	4.3	2005	0.0	1952	4.8	1943	0.0	1940	4.8	1997	0.0	1925
17	4.2	1994	0.0	1960	4.5	1924	0.0	1948	4.6	1982	0.0	1945
18	4.2	1970	0.0	2008	4.4	1938	0.0	1996	4.3	1932	0.0	1953
19	4.0	1993	0.0	1897	4.0	1937	0.0	2012	4.2	1973	0.0	1969
20	3.9	1938	0.0	1913	3.6	2003	0.0	1925	3.8	1995	0.0	1977

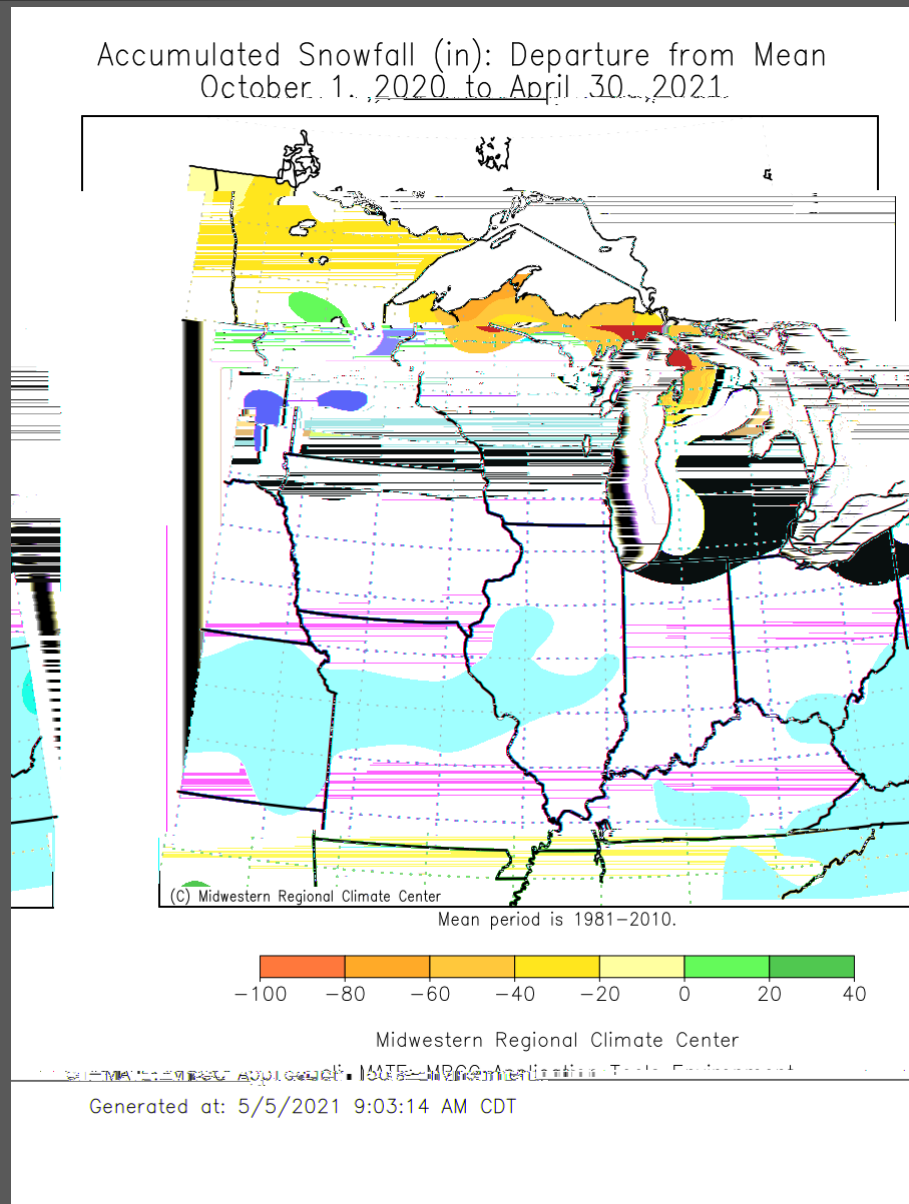
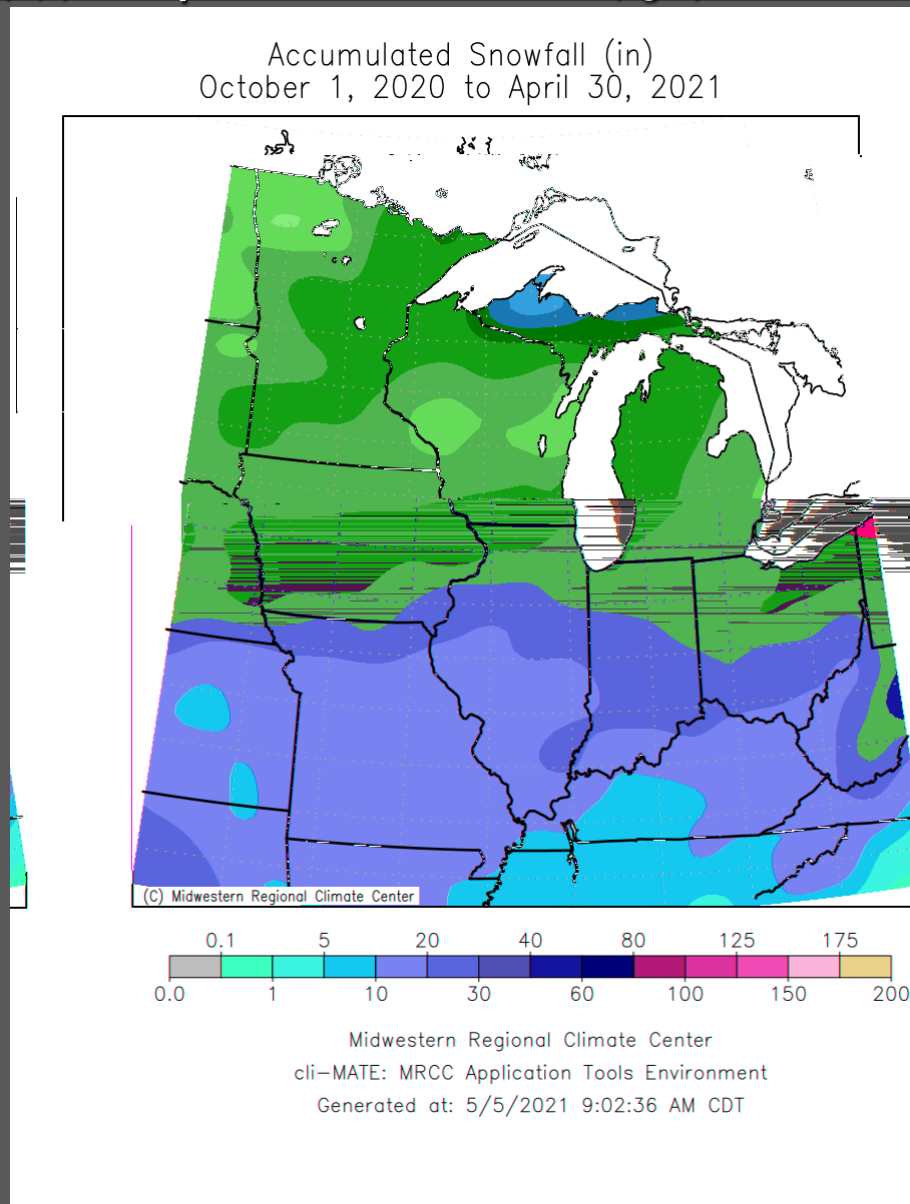
* Detroit Area snowfall records date back to January 1880.

** 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)



April 2021 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office
Detroit, MI



No Significant Events in April



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)

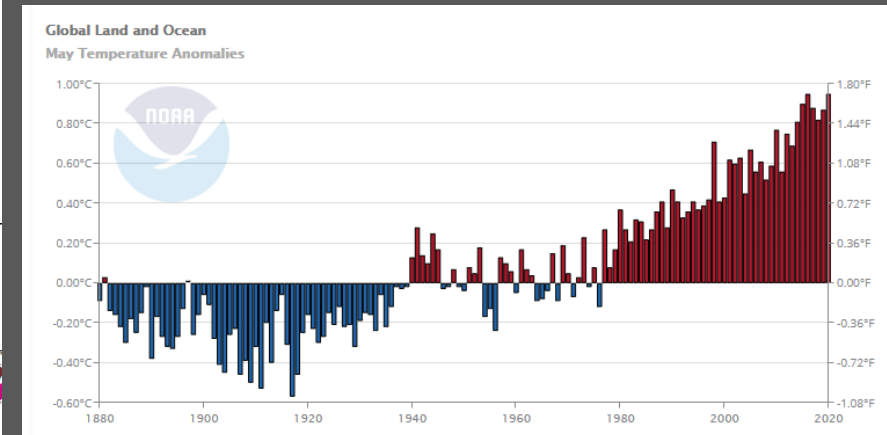
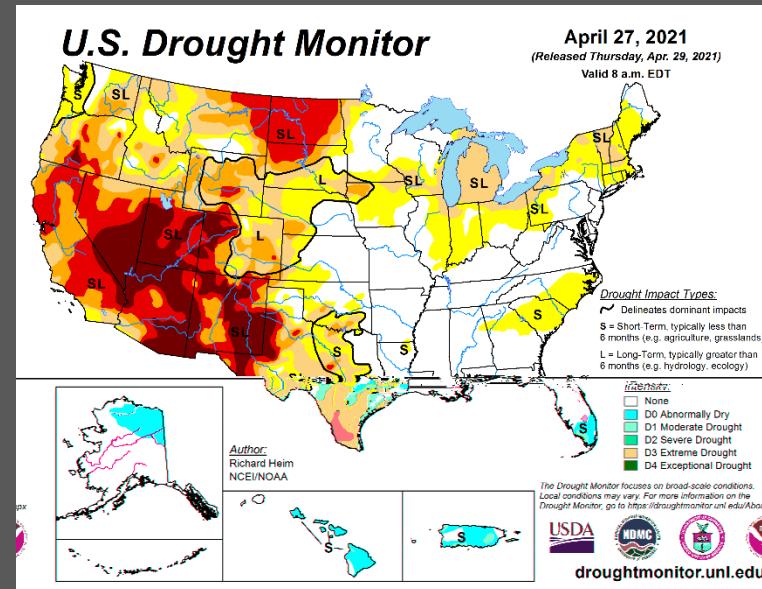
2. Location »
Detroit
Flint
Saginaw

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!