

Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



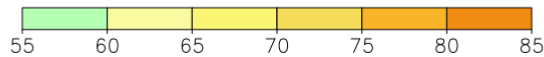
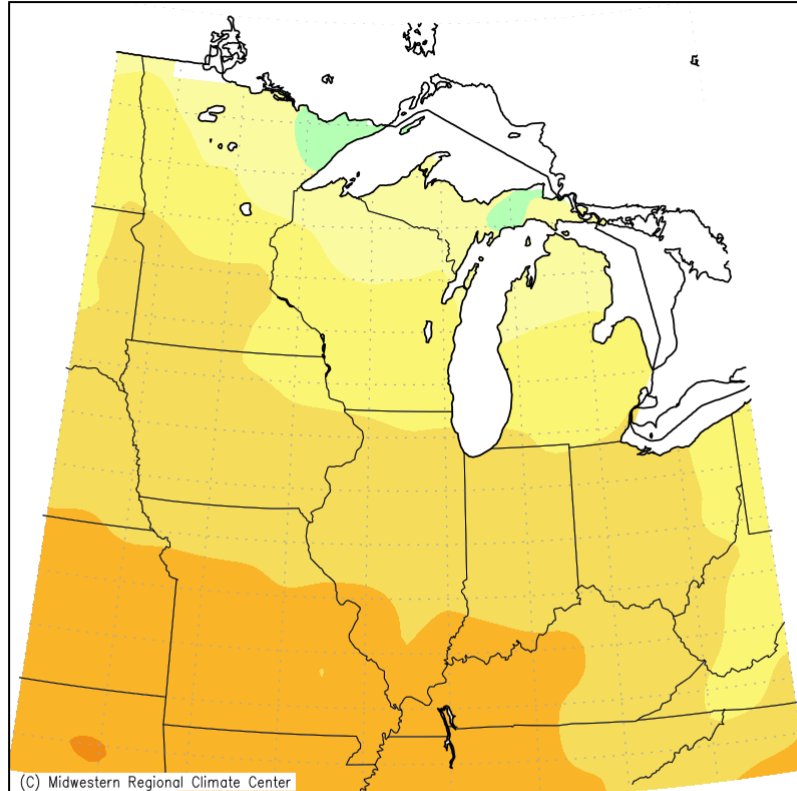
June 2022 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



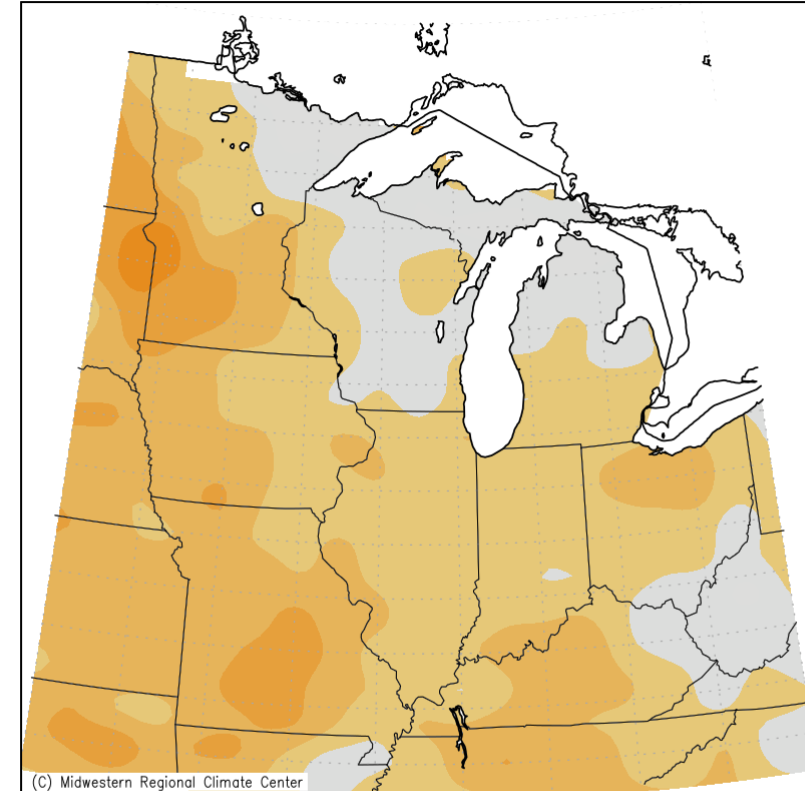
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)
June 1, 2022 to June 30, 2022



Midwestern Regional Climate Center
Purdue University

Average Temperature (°F): Departure from Mean
June 1, 2022 to June 30, 2022



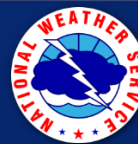
Mean period is 1991–2020.



Midwestern Regional Climate Center
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June 2022 – 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 2 NNE	94	44	81.4	56.1	68.8	GOODRICH	93	45	78.4	55.5	67.0
ADRIAN LENAWEE COUNTY AP	94	47	81.6	58.4	70.0	GROSSE POINTE FARMS	102	52	82.1	59.0	70.6
ALGONAC WWTP	99	45	83.0	55.4	69.2	HARBOR BEACH 1 SSE	96	41	74.1	54.4	64.3
ANN ARBOR MUNICIPAL AP	93	38	80.3	52.2	66.3	LAPEER 2W	96	43	79.9	55.9	67.9
ANN ARBOR SE	94	43	81.3	54.2	67.7	LAPEER WWTP	96	44	80.4	55.9	68.2
ANN ARBOR U OF MICH	94	41	82.0	54.4	68.2	LEXINGTON WATER PLANT	94	41	76.2	52.8	64.1
BAD AXE	95	41	77.5	53.9	65.7	MANCHESTER	95	44	81.6	55.7	68.7
BURTON 4N	96	42	79.8	52.8	66.0	MIDLAND	92	43	76.7	54.3	65.5
CARO WWTP	97	43	80.4	54.3	67.6	OWOSSO WWTP	95	45	80.9	55.0	68.1
CASS CITY 1 SSW	93	41	77.3	51.2	64.3	PONTIAC INTL AP	96	46	80.5	56.8	68.6
CHELSEA	94	43	80.5	56.4	68.4	PONTIAC WWTP	96	43	81.0	57.2	69.1
DEARBORN	95	47	81.5	58.9	70.4	PORT HOPE	97	47	75.6	55.6	65.6
DEARBORN NO. 2	96	50	82.0	61.3	71.6	PORT HURON	93	49	78.7	58.8	68.7
DETROIT CITY AP	98	50	83.1	60.9	72.0	RICHMOND 4 NNW	95	42	78.6	56.1	67.4
DETROIT METRO AIRPORT	96	50	81.6	59.7	70.6	SAGINAW #3	96	47	80.4	57.2	68.8
DETROIT WILLOW RUN AP	98	47	85.0	59.8	72.4	SAGINAW MBS INTL AP	95	46	79.8	57.3	68.6
DURAND WWTP	95	44	80.1	56.1	68.3	SALINE 4SW	95	44	83.1	56.0	69.6
FARMINGTON	96	45	81.2	55.2	68.2	TIPTON 2WNW	96	43	82.2	54.4	68.3
FILION 5NNW	96	45	78.5	55.9	67.2	VASSAR	95	41	80.1	53.1	66.6
FLINT 7W	95	44	78.5	56.0	67.3	WHITE LAKE 4E	95	40	80.0	53.3	66.6
FLINT FCWOS	96	42	80.0	54.7	67.4	WHITMORE LAKE 1NW	92	46	78.7	56.0	67.3



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.

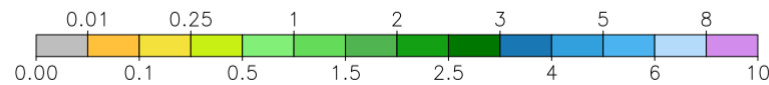
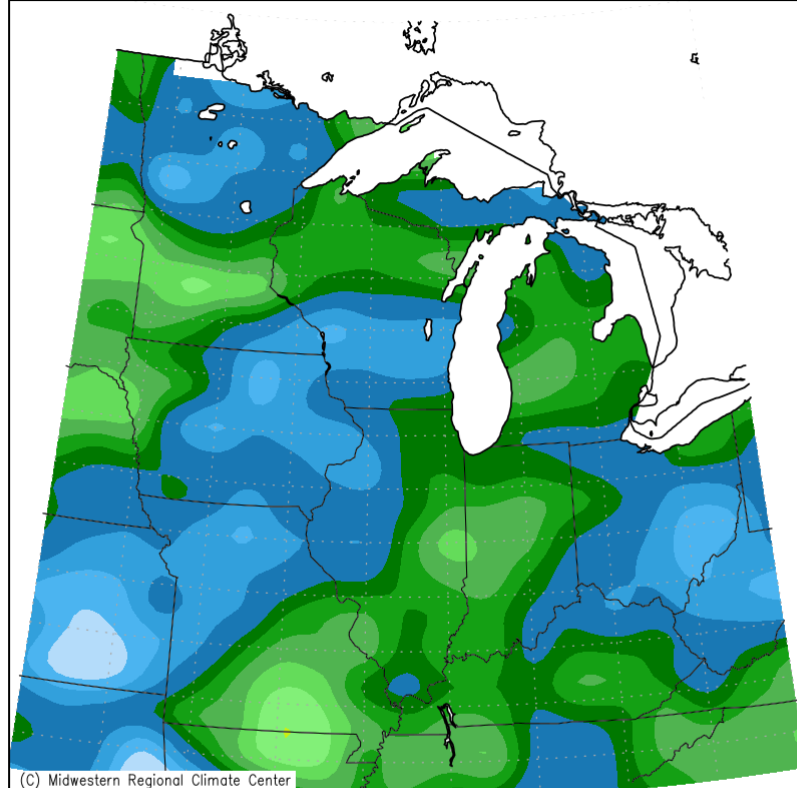
June 2022 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



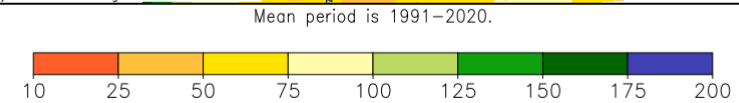
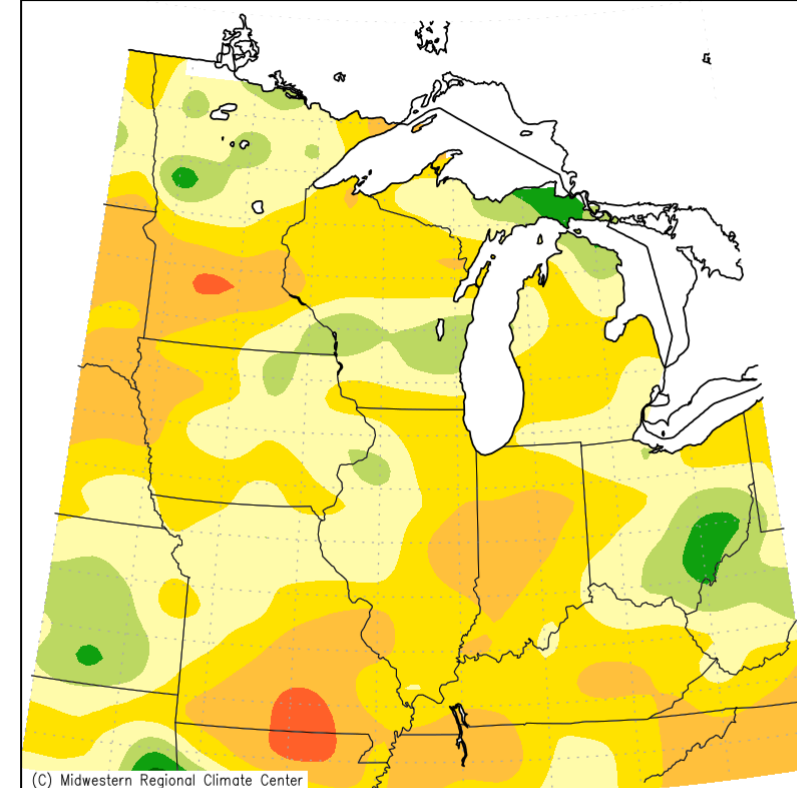
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)
June 1, 2022 to June 30, 2022



Midwestern Regional Climate Center
Purdue University

Accumulated Precipitation: Percent of Mean
June 1, 2022 to June 30, 2022



Midwestern Regional Climate Center
Purdue University

June 2022 – 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 2 NNE	0.60	2.86	11	DEARBORN HGHTS 1.8 NW	2.05	3.67	12	MIDLAND	0.43	2.11	14
ADRIAN LENAWEE CO AP	0.67	2.87	10	DEARBORN NO. 2	1.27	3.26	10	MIDLAND 1.5 NNE	0.38	1.73	12
ALGONAC WWTP	1.21	3.27	12	DETROIT CITY AP	1.02	4.17	11	MONROE 3.0 S	0.75	1.60	6
ANN ARBOR 7.1 W	1.36	3.11	8	DETROIT METRO AIRPORT	0.73	2.35	12	NEW BALTIMORE 0.4 SSE	0.92	1.46	11
ANN ARBOR MNCPL AP	1.71	3.74	11	DEXTER 2.2 SE	1.47	3.21	8	OTTAWA LAKE 1.4 SSW	0.62	1.62	4
ANN ARBOR SE	2.29	3.80	8	DURAND WWTP	1.03	2.32	12	OWOSSO WWTP	0.45	1.54	17
ANN ARBOR U OF MICH	1.09	2.72	12	FARMINGTON	0.92	2.28	10	PONTIAC INTL AP	0.74	1.77	10
BAD AXE	0.37	2.20	13	FENTON 2.7 SSE	0.85	2.39	15	PONTIAC WWTP	0.78	1.93	12
BAY PORT 3.2 SSW	0.45	2.16	13	FENTON 6.2 WSW	1.25	2.56	14	PORT HURON	0.70	2.23	8
BLOOMFIELD TWP 3.1 SW	0.93	2.21	10	FILION 5NNW	0.63	2.29	14	PORT HURON 1.6 W	0.59	2.10	11
BURTON 4N	1.83	3.47	15	FLINT 7W	0.95	2.28	12	RICHMOND 4 NNW	0.68	1.99	12
CARLETON 2.5 S	1.05	3.19	11	FLINT FCWOS	2.06	3.31	12	ROSEVILLE 1.7 ENE	1.76	3.15	13
CARO WWTP	0.74	2.38	13	GOODRICH	1.18	2.65	15	SAGINAW 6.4 W	0.42	2.13	12
CASS CITY 1 SSW	0.49	2.26	14	GROSSE POINTE FARMS	1.30	3.23	9	SAGINAW #3	0.64	2.36	9
CHELSEA	1.15	2.36	8	HARBOR BEACH 1 SSE	0.36	2.00	13	SAGINAW MBS INTL AP	0.40	2.23	14
CHELSEA 3.7 NNE	0.97	2.51	12	HIGHLAND 1.3 NE	0.81	2.04	13	SHELBY 0.4 SSE	0.91	2.15	9
CHESTERFIELD 2.4 E	0.91	2.13	12	HOWELL 4.9 ESE	0.55	1.77	10	WATERFORD 2.1 NW	0.68	1.64	12
CLINTON 0.5 NE	1.34	3.24	9	LAPEER 2W	0.81	2.81	12	WHITE LAKE 4E	0.63	1.76	12
DAVISON 3.4 NNW	1.64	3.45	13	LAPEER WWTP	0.81	2.84	13	WHITMORE LAKE 1NW	0.86	2.86	10
DAVISON 5.2 N	1.24	2.60	10	LIVONIA 2.0 NE	1.49	2.75	8	WYANDOTTE	1.02	2.56	9
DEARBORN	1.59	3.31	11	LIVONIA 2.3 NNW	1.07	2.18	11				

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 2022 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office
Detroit, MI



No Significant Events in June



NOWData | Observed Weather | Climate Prediction and Variability | Local Data/Records | Climate Resources

NOWData - NOAA Online Weather Data

1. Location » 2. Product » 3. Options » 4. View »

View map

- ✓ Detroit Area
- Flint Area
- Saginaw Area
- Adrian 2 Nne, MI
- Ann Arbor Univ O, MI
- Bad Axe, MI
- Caro Wwtp, MI
- Chelsea, MI
- Detroit City Ap, MI
- Detroit Metropol, MI

Product

- ✓ Daily data for a month
- Daily almanac
- Monthly summarized data
- Calendar day summaries
- Daily/monthly normals
- Climatology for a day
- First/last dates
- Temperature graphs
- Accumulation graphs

Options

Date: 2021-08

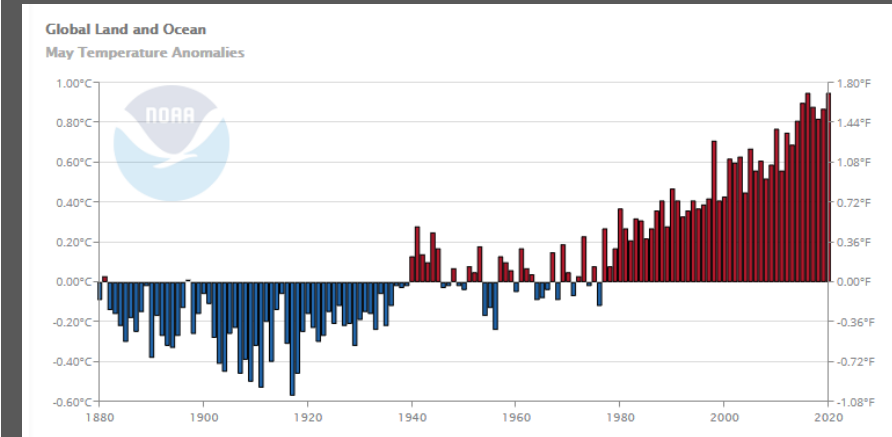
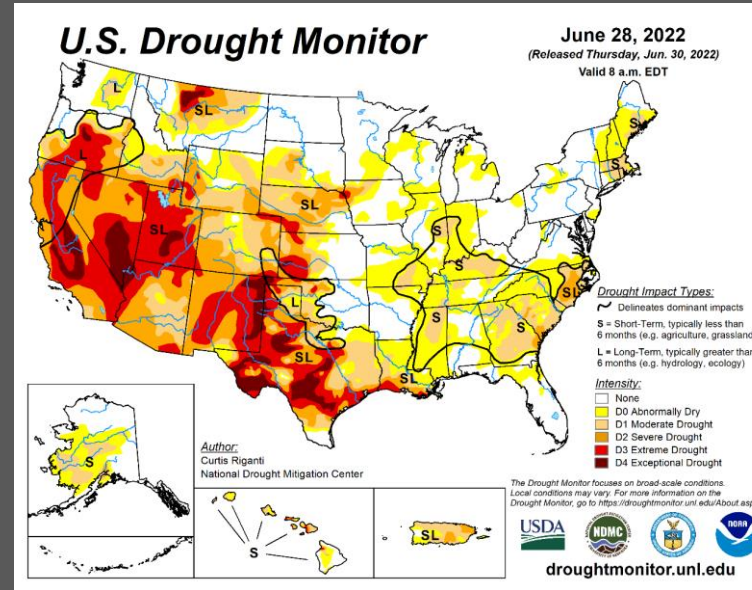
Product Description:

DAILY DATA FOR A MONTH - daily maximum, minimum and average temperature (degrees F), average temperature departure from normal (degrees F), heating and cooling degree days (base 65), precipitation, snowfall and snow depth (inches) for all days of the selected month. Basic monthly summary statistics are also provided.

Common questions - Submit a question/comment -

Powered by **CACIS** 10/22 Regional Climate Centers

The Applied Climate Information System (ACIS) is a joint project of the Regional Climate Centers, the National Centers for Environmental Information (NCEI) and the National Weather Service. Official data and data for additional locations are available from the Regional Climate Centers and NCEI.



SE Michigan Climate Products

weather.gov/wrh/climate?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!