

Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, and Severe Weather Summaries

Weather Forecast Office
Detroit, MI



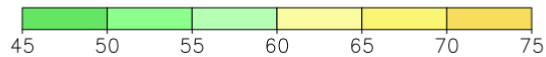
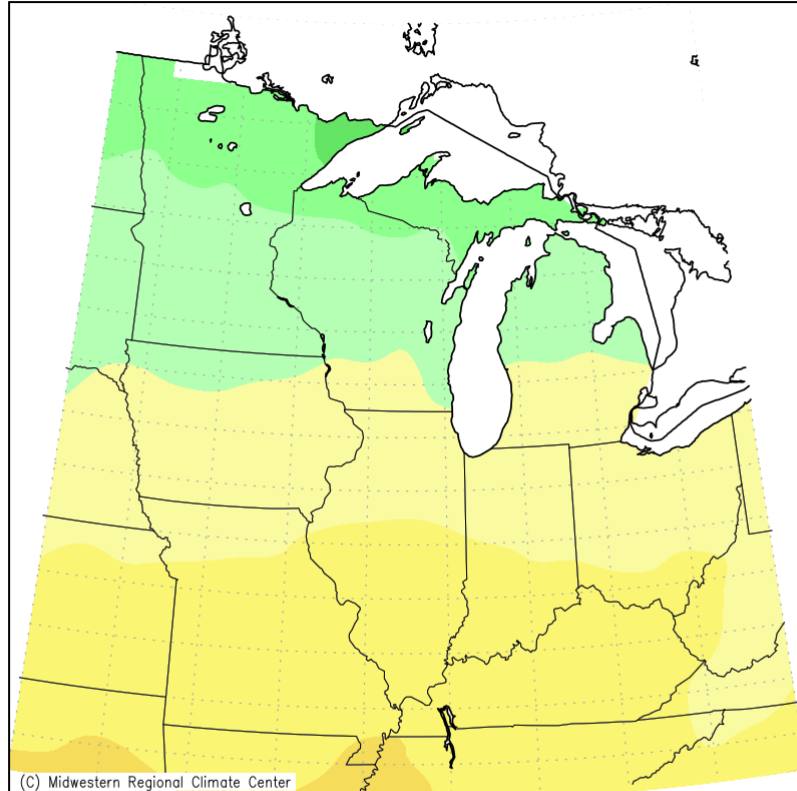
May 2022 – Regional Temperature Summary

Weather Forecast Office
Detroit, MI



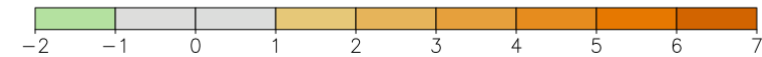
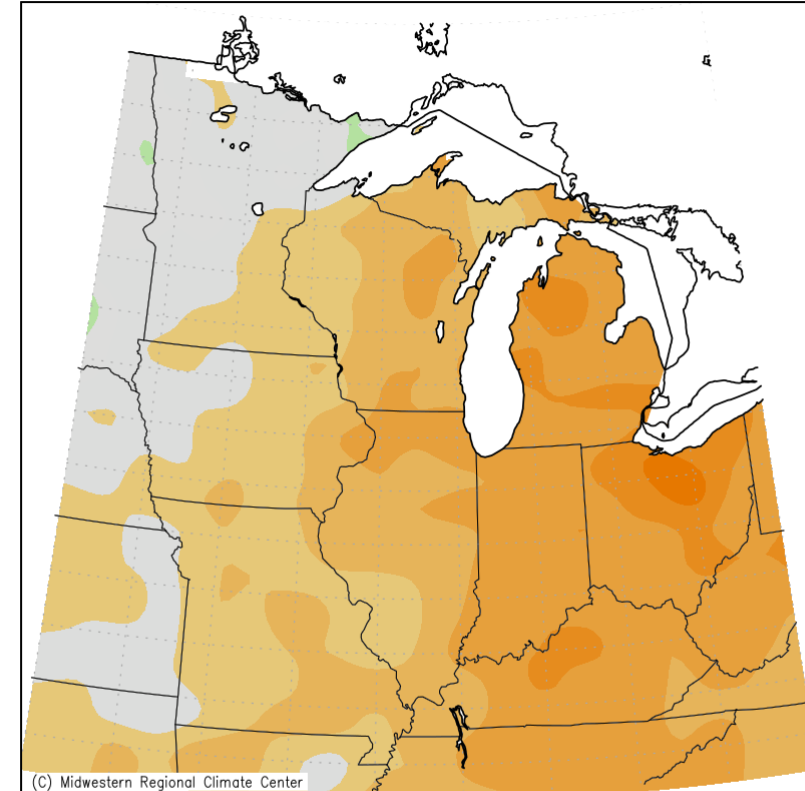
Average Temperature (left) & Departure from Average (right)

Average Temperature (°F)
May 1, 2022 to May 31, 2022



Midwestern Regional Climate Center
Purdue University

Average Temperature (°F): Departure from Mean
May 1, 2022 to May 31, 2022



Midwestern Regional Climate Center
Purdue University

May 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	89	34	73.0	51.4	62.2	GROSSE POINTE FARMS	92	40	70.4	52.0	61.2
ADRIAN LENAWEE COUNTY AP	90	37	72.6	52.5	62.6	HARBOR BEACH 1 SSE	88	33	62.5	44.9	53.7
ALGONAC WWTP	88	25	73.0	46.9	59.9	LAPEER 2W	90	33	71.5	49.4	60.5
ANN ARBOR MUNICIPAL AP	88	31	72.0	49.1	60.5	LAPEER WWTP	88	33	72.7	48.5	60.7
ANN ARBOR SE	88	33	72.2	49.1	60.6	LEXINGTON WATER PLANT	87	33	64.9	46.5	55.7
ANN ARBOR U OF MICH	89	31	73.3	49.5	61.4	MANCHESTER	89	34	72.8	49.7	61.2
BAD AXE	88	34	69.2	47.3	58.3	MIDLAND	85	33	69.2	49.5	59.3
BURTON 4N	88	32	72.0	47.3	59.6	MORENCI	88	36	72.8	51.1	62.0
CARO WWTP	89	32	70.8	48.8	59.8	OIL CITY 2S	88	29	70.1	45.7	57.9
CASS CITY 1 SSW	87	33	69.8	46.9	58.3	OWOSSO WWTP	88	34	71.5	48.6	59.8
CHELSEA	88	34	71.8	51.1	61.5	PONTIAC INTL AP	89	36	71.6	51.3	61.5
DEARBORN	88	36	72.6	52.3	62.5	PONTIAC WWTP	88	38	71.5	50.2	60.8
DEARBORN NO. 2	88	41	72.9	55.0	64.0	PORT HOPE	89	33	65.0	47.5	56.2
DETROIT CITY AP	93	41	74.1	54.5	64.3	PORT HURON	88	40	68.7	51.9	60.3
DETROIT METRO AIRPORT	90	41	73.5	55.0	64.2	RICHMOND 4 NNW	88	37	69.2	48.9	59.1
DETROIT WILLOW RUN AP	95	38	76.2	53.6	64.9	SAGINAW #3	90	32	71.7	50.3	61.0
DURAND WWTP	87	33	70.1	48.0	59.0	SAGINAW MBS INTL AP	89	35	71.1	51.3	61.2
FARMINGTON	88	36	71.4	49.3	60.3	SALINE 4SW	87	36	72.6	49.8	61.2
FILION 5NNW	89	37	70.6	49.9	60.3	TIPTON 2WNW	87	36	72.8	49.0	60.9
FLINT 7W	86	34	70.1	49.1	59.6	VASSAR	89	31	71.5	46.4	58.9
FLINT FCWOS	89	34	72.1	50.7	61.4	WHITE LAKE 4E	88	32	72.1	49.8	61.0
GOODRICH	87	36	70.4	49.7	60.0	WHITMORE LAKE 1NW	86	36	70.4	49.6	60.0

May – Top 20 Coldest/Warmest on Record

Weather Forecast Office
Detroit, MI



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	2022	52.9	1924	62.6	1977	51.9	1954	61.6	2015
12	53.9	1910	64.2	1982	53.1	2002	61.9	2013	52.1	1966	61.5	2013
13	54.2	1883	63.7	1964	53.4	2005	61.9	1939	52.5	1946	61.5	1962
14	54.3	1888	63.7	1880	53.5	1983	61.8	1975	52.7	1935	61.3	2010
15	54.4	1983	63.6	2013	53.8	1974	61.6	1965	52.8	1948	61.2	2022
16	54.5	1984	63.3	1987	53.8	1948	61.5	1962	53.0	1974	61.1	1964
17	54.5	2002	63.3	1944	54.0	1957	61.4	2022	53.1	1956	61.1	1959
18	54.5	1890	63.1	1965	54.1	1963	61.4	1944	53.4	1957	61.0	1985
19	54.7	1954	63.0	1887	54.1	1935	61.1	1933	53.4	1923	60.7	1965
20	54.7	1925	62.8	1975	54.1	1925	61.1	1921	53.6	2003	60.5	1988

* 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.

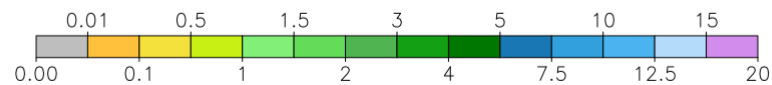
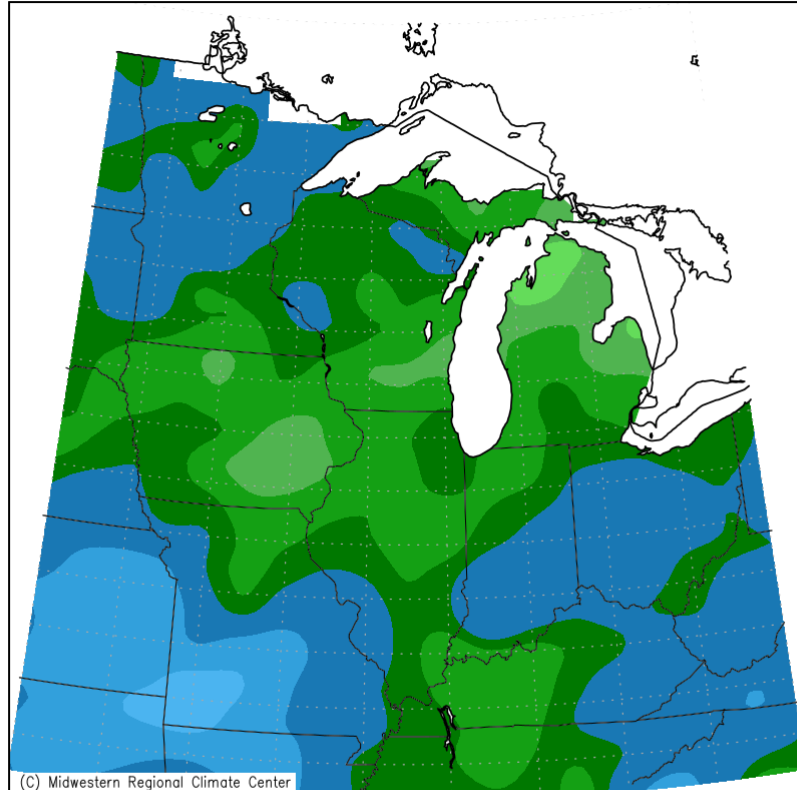
May 2022 – Regional Precipitation Summary

Weather Forecast Office
Detroit, MI



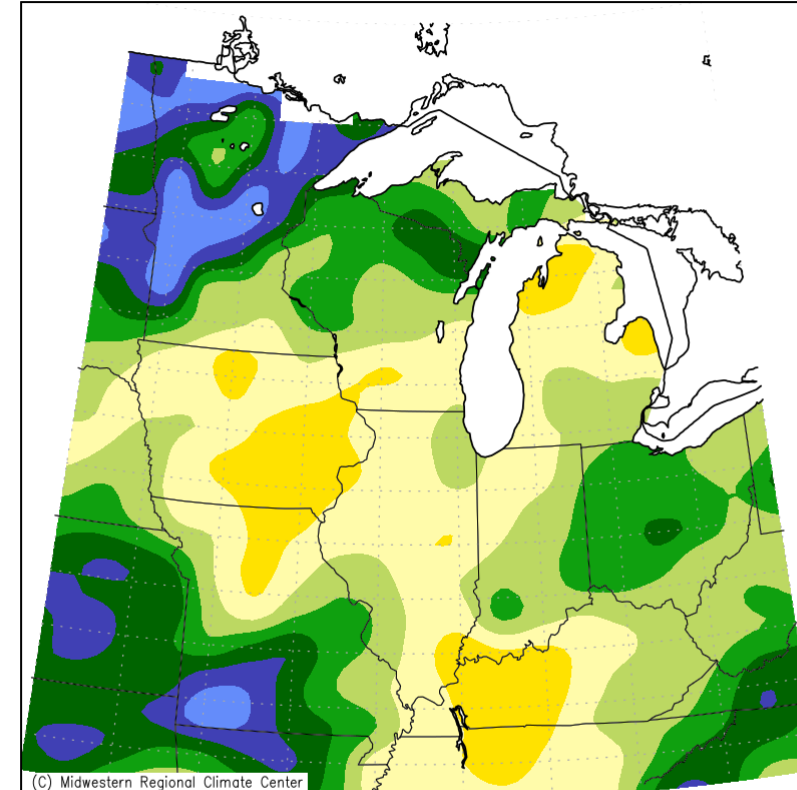
Total Monthly Precipitation (*left*) & Percent of Mean (*right*)

Accumulated Precipitation (in)
May 1, 2022 to May 31, 2022



Midwestern Regional Climate Center
Purdue University

Accumulated Precipitation: Percent of Mean
May 1, 2022 to May 31, 2022



Midwestern Regional Climate Center
Purdue University

May 2022 – SE Michigan Precipitation Summary

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	0.82	3.52	15	DETROIT CITY AP	1.02	4.06	12	MILLINGTON 3 SE	0.48	1.95	10
ADRIAN LENAWEE CO AP	1.02	3.79	14	DETROIT METRO AIRPORT	0.83	3.81	12	MONROE 3.0 S	0.93	3.73	11
ALGONAC WWTP	0.86	3.33	12	DETROIT WILLOW RUN AP	0.61	1.98	11	OTTAWA LAKE 1.4 SSW	0.82	4.35	11
ANN ARBOR 4.5 W	1.21	3.87	11	DEXTER 2.2 SE	0.84	3.93	11	OWOSSO WWTP	0.96	3.15	13
ANN ARBOR MNPL AP	0.71	3.11	13	DURAND WWTP	0.83	2.67	15	PLYMOUTH 5.4 W	0.84	3.44	11
ANN ARBOR SE	0.68	3.57	12	FARMINGTON	0.69	3.51	10	PONTIAC INTL AP	0.42	2.15	12
ANN ARBOR U OF MICH	0.75	4.47	15	FENTON 2.7 SSE	0.72	3.84	15	PONTIAC WWTP	0.67	3.25	12
BAD AXE	0.51	1.90	12	FENTON 6.2 WSW	0.68	3.33	12	PORT HOPE	0.54	1.98	15
BAY PORT 3.2 SSW	0.71	2.75	12	FILION 5NNW	0.60	2.40	15	PORT HURON	1.02	2.85	11
BLOOMFIELD TWP 3.1 SW	1.08	3.33	12	FLINT 7W	0.71	2.94	10	PORT HURON 1.6 W	1.03	3.38	11
BURTON 4N	0.68	2.38	13	FLINT FCWOS	0.65	2.47	12	RICHMOND 4 NNW	0.95	3.32	11
CARO WWTP	0.90	2.21	9	GOODRICH	0.58	2.83	13	ROSEVILLE 1.7 ENE	1.67	4.55	13
CASS CITY 1 SSW	0.48	1.90	9	HARBOR BEACH 1 SSE	0.46	1.69	13	SAGINAW #3	1.84	3.85	12
CHELSEA	0.77	3.60	13	LAPEER 2W	0.95	3.00	13	SAGINAW MBS INTL AP	1.17	3.42	13
CHELSEA 2.4 S	0.76	3.91	12	LAPEER WWTP	0.59	3.42	13	SALINE 4SW	0.92	5.05	13
CHELSEA 3.7 NNE	0.81	3.99	11	LIVONIA 2.0 NE	0.78	3.39	11	SHELBY 0.4 SSE	0.91	3.07	10
CHESTERFIELD 2.4 E	1.38	4.25	14	LIVONIA 2.3 NNW	1.60	4.08	14	TIPTON 2WNW	2.70	6.06	12
DAVISON 5.2 N	0.41	1.79	11	MANCHESTER	1.30	4.67	11	WHITE LAKE 4E	0.84	2.92	15
DEARBORN HGHTS 1.8 NW	1.05	3.41	12	MIDLAND	0.91	2.94	13	WYANDOTTE	1.00	4.24	10
DEARBORN NO. 2	0.93	3.82	12	MIDLAND 1.5 NNE	1.04	2.86	13				

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 2022 – Significant Weather Events

Follow links for web summaries

Weather Forecast Office
Detroit, MI



No Significant Events in May



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

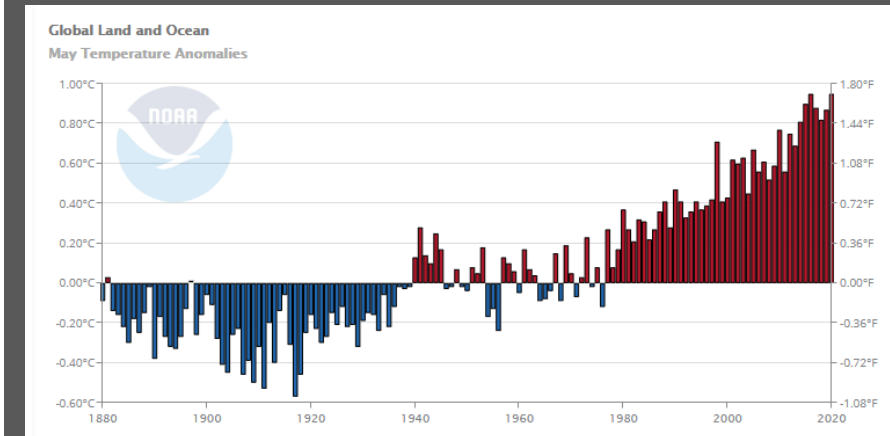
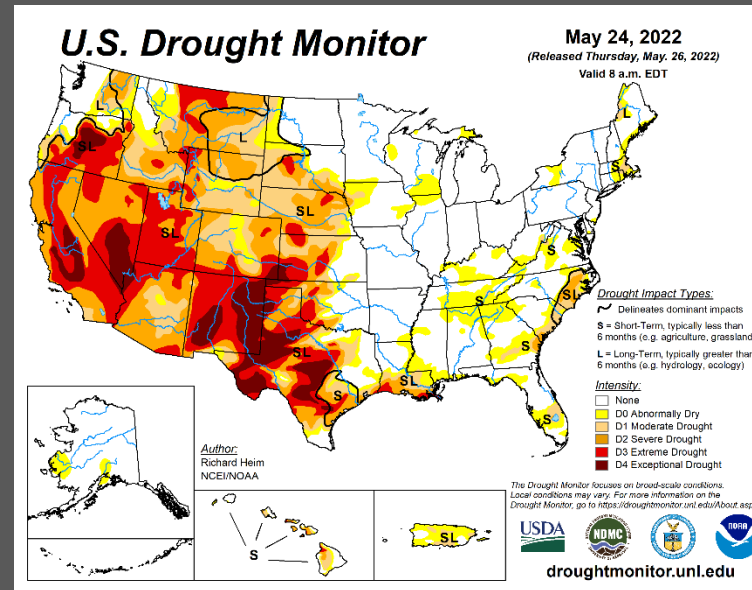
Product Description:

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 -

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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!