



Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

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





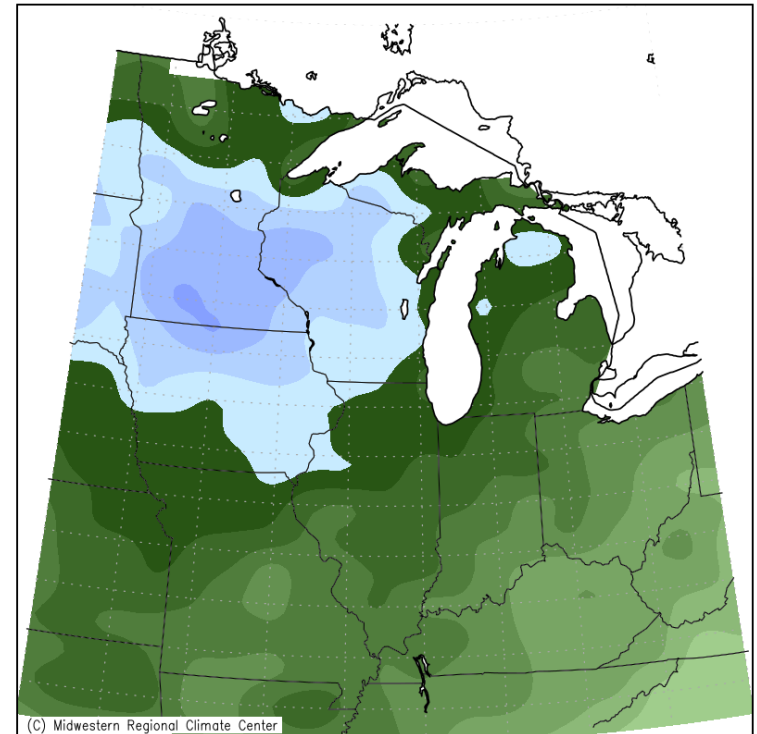
Southeast Michigan Climate Summary

Average temperatures for SE Michigan (*left*) & regional departure from normal (*right*)

Location	Avg Temp
ADRIAN 2 NNE	41.7
ADRIAN LENAWEE COUNTY AP	41.3
ALGONAC WWTP	40.7
ANN ARBOR MUNICIPAL AP	40.6
ANN ARBOR SE	40.0
ANN ARBOR U OF MICH	41.4
AUBURN 2NE	37.4
BAD AXE	36.2
BURTON 4N	38.6
CARLETON 2W	48.0
CARO WWTP	36.9
CASS CITY 1 SSW	35.7
CHELSEA	39.9
CORUNNA 2 NE	38.0
DEARBORN	41.0
DEARBORN NO. 2	41.9
DETROIT CITY AP	41.5
DETROIT METROPOLITAN AP	43.0
DETROIT WILLOW RUN AP	43.3
DUNDEE	40.5
DURAND WWTP	38.4
FARMINGTON	38.9
FILION 5NNW	35.0
FLINT 7 W	38.6
FLINT BISHOP INTL AP	39.1
FRANKENMUTH 1SE	40.9
GOODRICH	39.0
GROSSE POINTE FARMS	39.9
HARBOR BEACH 1 SSE	34.9
LAPEER 2W	39.1

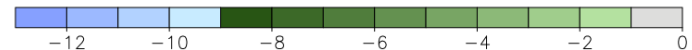
Location	Avg Temp
LAPEER WWTP	38.3
LEXINGTON WATER PLANT	36.2
LINDEN WWTP	38.1
MANCHESTER	39.9
MIDLAND	39.6
MILAN WWTP	40.2
MILFORD GM PROVING GROUND	39.6
MONROE	40.6
MORENCI	39.9
NEWPORT 4SSE	39.5
OIL CITY 2S	35.5
OWOSSO WWTP	38.7
PONTIAC OAKLAND COUNTY INTL AP	40.1
PONTIAC WWTP	35.6
PORT AUSTIN WWTP	36.1
PORT HOPE	36.1
PORT HURON	39.7
RICHMOND 4 NNW	39.3
SAGINAW #3	38.4
SAGINAW MBS INTL AP	39.0
SALINE	39.7
SALINE 4SW	41.1
TECUMSEH	39.9
TIPTON 2WNW	39.5
VASSAR	37.0
WHITMORE LAKE 1NW	38.9
YALE 1 NNW	36.9

Average Temperature (°F): Departure from Mean April 1, 2018 to April 30, 2018



(C) Midwestern Regional Climate Center

Mean period is 1981-2010.



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



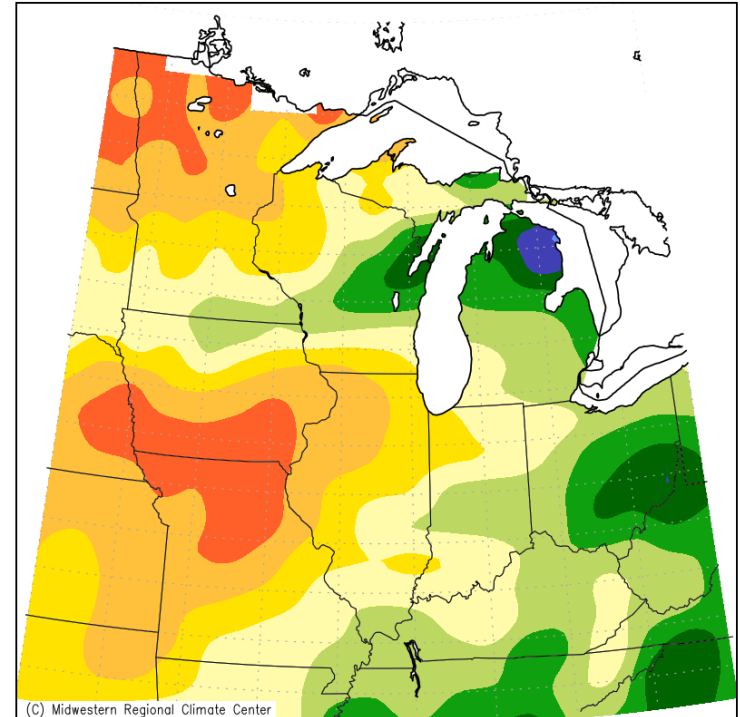


Southeast Michigan Climate Summary

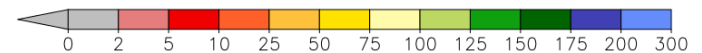
Total precipitation for SE Michigan & regional departure from normal (right) - 1/2

Location	Precip	Location	Precip
ADRIAN LENAWEE COUNTY AP	3.13	FLINT 7 W	3.47
ALGONAC WWTP	3.84	FLINT BISHOP INTL AP	3.11
ANN ARBOR 2.1 WNW	2.64	GOODRICH	3.37
ANN ARBOR 3.1 SE	4.70	GROSSE POINTE FARMS	4.24
ANN ARBOR 4.5 W	3.21	GROSSE POINTE WOODS 0.6 W	4.07
ANN ARBOR MUNICIPAL AP	2.87	HARBOR BEACH 1 SSE	7.84
ANN ARBOR SE	3.80	LAKE ORION 4.3 SSE	3.45
ANN ARBOR U OF MICH	3.81	LAPEER 2W	4.35
BAD AXE	3.99	LINDEN WWTP	2.95
BAY CITY 2.2 WNW	4.37	LIVONIA 2.0 NE	3.19
BURTON 4N	4.03	MANCHESTER	3.17
CARO WWTP	3.90	MIDLAND	2.51
CASS CITY 1 SSW	3.13	MIDLAND 1.8 ENE	3.26
CHELSEA	2.58	MIDLAND 2.9 SW	3.64
CHESANING	3.04	MILAN WWTP	4.04
CORUNNA 2 NE	3.09	MILLINGTON 3 SE	3.16
DEARBORN	4.01	MONROE 3.0 S	3.66
DEARBORN HEIGHTS 1.8 NW	4.02	MORENCI	3.96
DEARBORN NO. 2	4.56	NEW BALTIMORE 0.4 SSE	4.23
DETROIT CITY AP	2.68	NEWPORT 4SSE	4.10
DETROIT METROPOLITAN AP	3.79	NORTHVILLE 3.2 ENE	3.40
DETROIT WILLOW RUN AP	3.19	ORTONVILLE 2.3 S	4.28
DEXTER 0.9 NW	2.72	OTTAWA LAKE 1.4 SSW	3.37
DEXTER 2.2 SE	3.31	OWOSSO WWTP	3.37
DUNDEE	3.71	PLYMOUTH 5.4 W	3.69
DURAND WWTP	2.88	PONTIAC OAKLAND COUNTY INTL AP	3.15
FARMINGTON	3.21	PORT HOPE	2.20
FARMINGTON HILLS 1.4 N	3.57	PORT HURON	3.93
FENTON 2.7 SSE	3.72	PORT HURON 1.6 W	4.13
FILION 5NNW	3.76	RICHMOND 4 NNW	3.76

Accumulated Precipitation: Percent of Mean
April 1, 2018 to April 30, 2018



Mean period is 1981-2010.



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

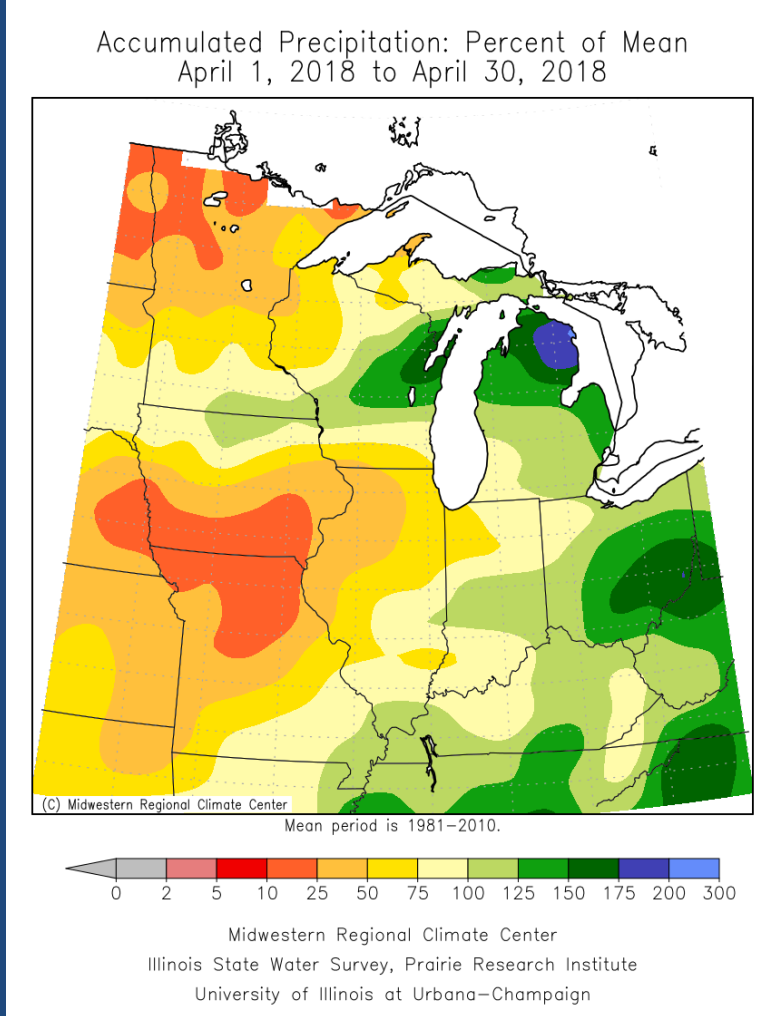




Southeast Michigan Climate Summary

Total precipitation for SE Michigan & regional departure from normal (right) - 2/2

Location	Precip
ROSEVILLE 1.7 ENE	3.09
SAGINAW 5W	2.68
SAGINAW 8NW	2.90
SAGINAW #3	3.57
SAGINAW MBS INTL AP	2.54
SALINE 3.8 SSW	3.31
SALINE 4SW	3.53
SHELBY 0.4 SSE	3.76
TECUMSEH	3.99
TIPTON 2WNW	2.98
TROY 1.8 S	4.06
UTICA 2.9 E	3.62
WATERFORD 2.6 N	3.76
WHITE LAKE 0.5 E	3.47
WHITMORE LAKE 1NW	2.93
WYANDOTTE	4.30

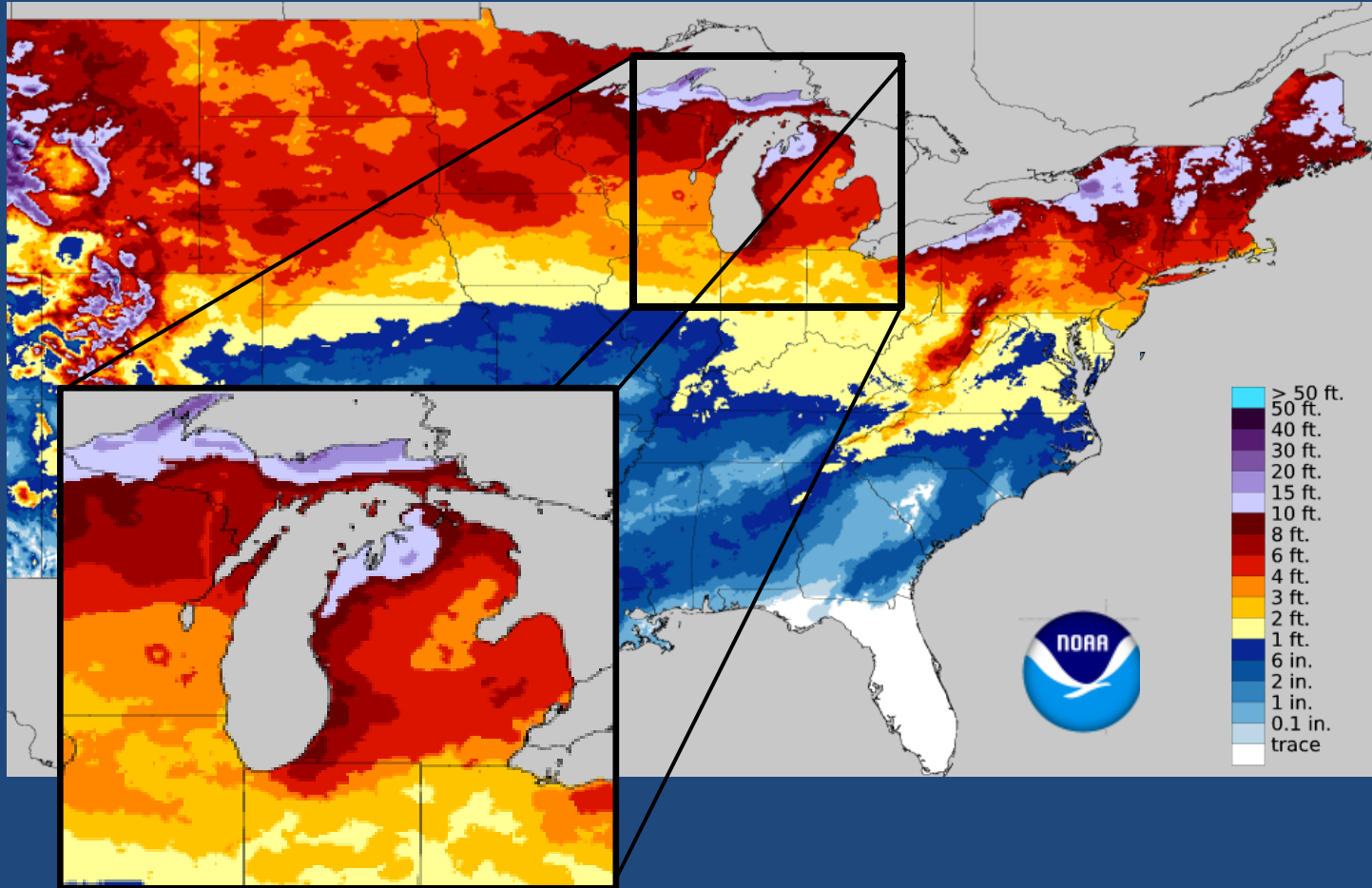




Southeast Michigan Climate Summary

SE Michigan snowfall (*left*) & total seasonal snowfall (*right*) – 1/2

Location	Snowfall
ADRIAN 2 NNE	0.5
ALGONAC WWTP	1.0
ANN ARBOR 2.1 WNW	2.3
ANN ARBOR 3.1 SE	1.3
ANN ARBOR 7.1 W	1.4
ANN ARBOR SE	5.4
ANN ARBOR U OF MICH	6.6
AUBURN 2NE	7.7
BAD AXE	5.2
BAY CITY 5.3 N	3.1
BURTON 4N	5.8
CASS CITY 1 SSW	5.5
CHELSEA	1.5
CORUNNA 2 NE	6.3
DETROIT METROPOLITAN AP	2.4
DURAND 6.2 WNW	3.6
DURAND WWTP	2.4
FARMINGTON	1.5
FARMINGTON HILLS 1.4 N	3.6
FILION 5NNW	7.7
FLINT 7 W	8.1
FLINT BISHOP INTL AP	7.9
GOODRICH	4.3
GROSSE POINTE FARMS	T
HARBOR BEACH 1 SSE	1.5
LAPEER 2W	8.3
LAPEER WWTP	2.4
LINDEN WWTP	1.1
LIVONIA 2.3 NNW	1.9
MANCHESTER	1.5



Courtesy NOAA NOHRC

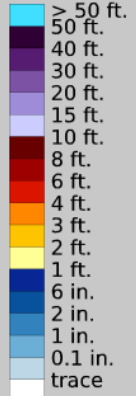
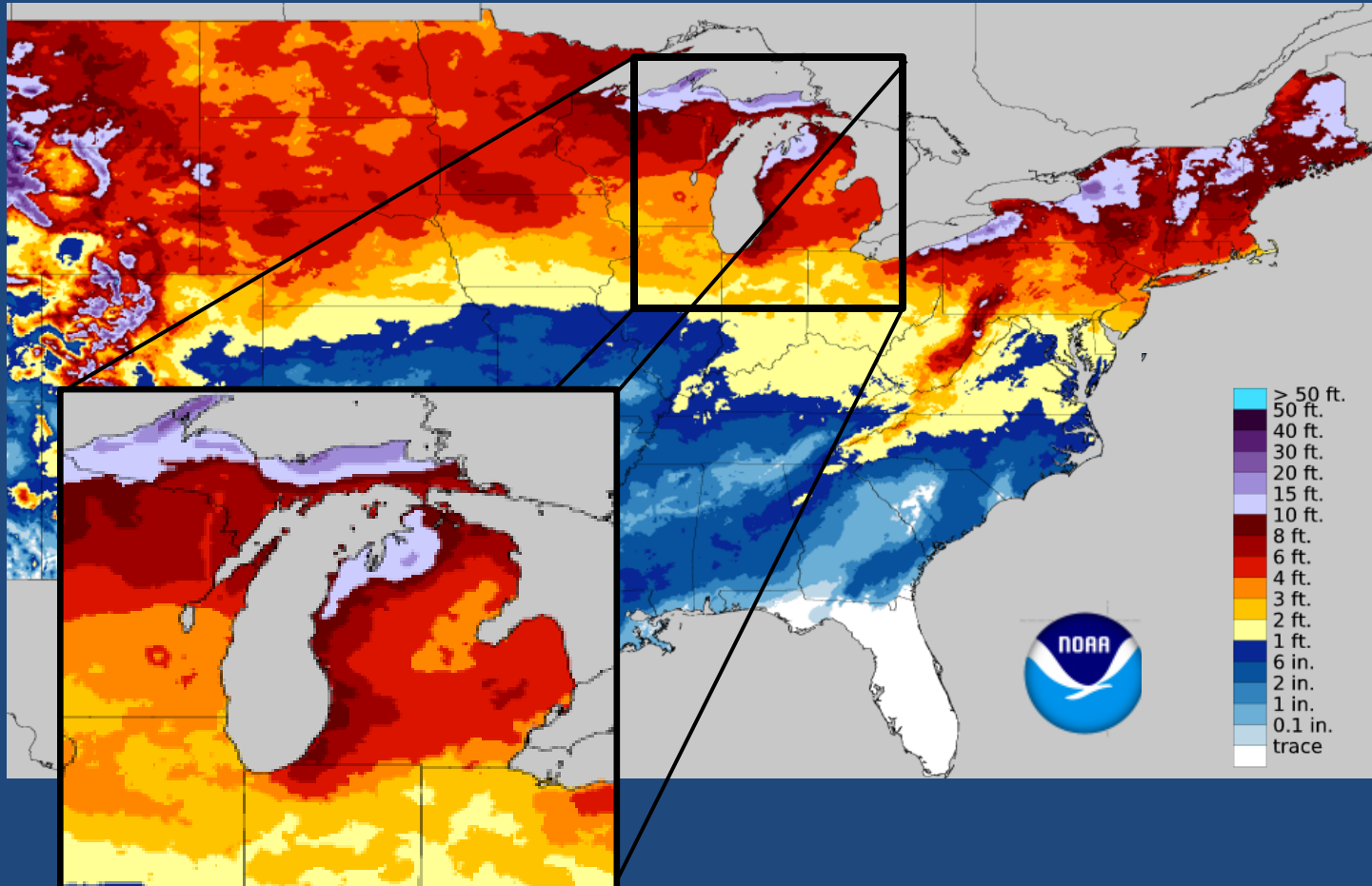




Southeast Michigan Climate Summary

SE Michigan snowfall (left) & total seasonal snowfall (right) – 2/2

Location	Snowfall
MIDLAND 1.8 ENE	6.3
MILAN WWTP	0.8
MILFORD GM PROVING GROUND	3.0
MILLINGTON 3 SE	3.4
MONROE	0.2
MORENCI	1.8
NEWPORT 4SSE	T
NORTHVILLE 3.2 ENE	1.6
OIL CITY 2S	6.7
OWOSSO WWTP	5.0
PLYMOUTH 5.4 W	2.1
PORT HURON	T
PORT HURON 1.6 W	1.4
RICHMOND 4 NNW	3.5
SAGINAW 5W	5.5
SAGINAW 8NW	5.1
SAGINAW #3	3.2
SAGINAW MBS INTL AP	5.5
WATERFORD 2.6 N	6.9
WEST BLOOMFIELD	3.4
WYANDOTTE	2.2



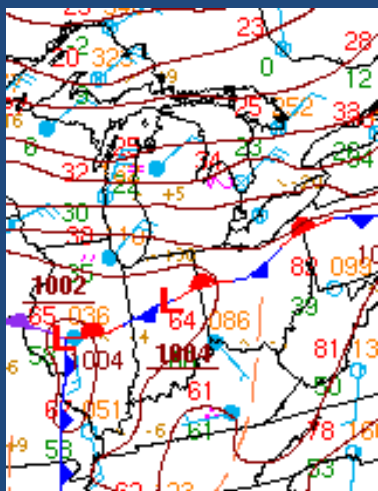
Courtesy NOAA NOHRC





Southeast Michigan Climate Summary

Significant Weather – click image for web story



[April 13-14 Lakeshore
Flooding, Ice, and Wind](#)



Southeast Michigan Climate Summary

Additional Climate Information

Observed Weather | Climate Locations | Climate Prediction

Observed

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

Southeast Michigan Climate

<http://w2.weather.gov/climate/index.php?wfo=dtx>

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Climate at a Glance

Climate Monitoring | State of the Climate | Temp, Precip, and Drought | Climate at a Glance | Databases | Social Impacts | Snow and Ice | Teleconnections | GHCN Monthly | Monitoring References

Time Series | Mapping | Data Information | Background

NOAA added Alaska climate divisions to its nClimDiv dataset on Friday, March 8, 2015, coincident with the release of the February 2015 monthly monitoring report. For more information on this data please visit the Alaska Climate Divisions page.

Please note: Degree Days are not available for Agricultural Units, NWS Regions, Alaska, and Cities. Palmer Indices are not available for NWS Regions, Alaska, and Cities.

Time Series

U.S. | Globe

Choose from the options below and click "Plot" to create a time series graph.

Parameters: Average Temperature | Options

Time Scale: 1-Month | # Display Base Period

Month: September | Start: 1991 | End: 2009

Start Year: 1895 | # per Decade: 0 per Century

End Year: 2016 | Start: 1991 | End: 2016

State/Region: Michigan | # Smoothed Time Series

Climate Division/City: Statewide | # Seasonal Filter: LOCKS

Plot

NCEI Climate at a Glance

<http://www.ncdc.noaa.gov/cag/>

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CEI > Storm Events Database (Select State)

Storm Events Database

Data available from 01/1950 to 06/2016

Data Access

- Search
- Bulk Data Download (CSV)
- Storm Data Publication

Documentation

- Database Details
- Version History
- Storm Data FAQ
- NOAA's NWS Documentation
- Tornado EF Scale

External Resources

- NOAA's SPC Reports
- NOAA's SPC WCM Page
- NOAA's NWS Damage Assessment Toolkit
- ESRUFEMA Civil Air Patrol Images
- SHELDUS
- USDA Cause of Loss Data

State/Area: Michigan

Begin Date: 06 / 01 / 2015

End Date: 06 / 30 / 2016

County:

- Alcona
- Alger
- Allegan
- Alpena
- Antrim
- Arenac
- Baraga
- Berry
- Bay

Storm Event Database

<http://www.ncdc.noaa.gov/stormevents/>



NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>