



# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

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



# March 2018



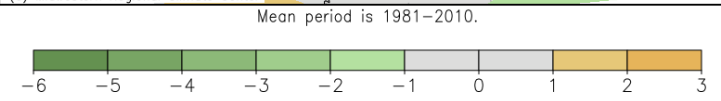
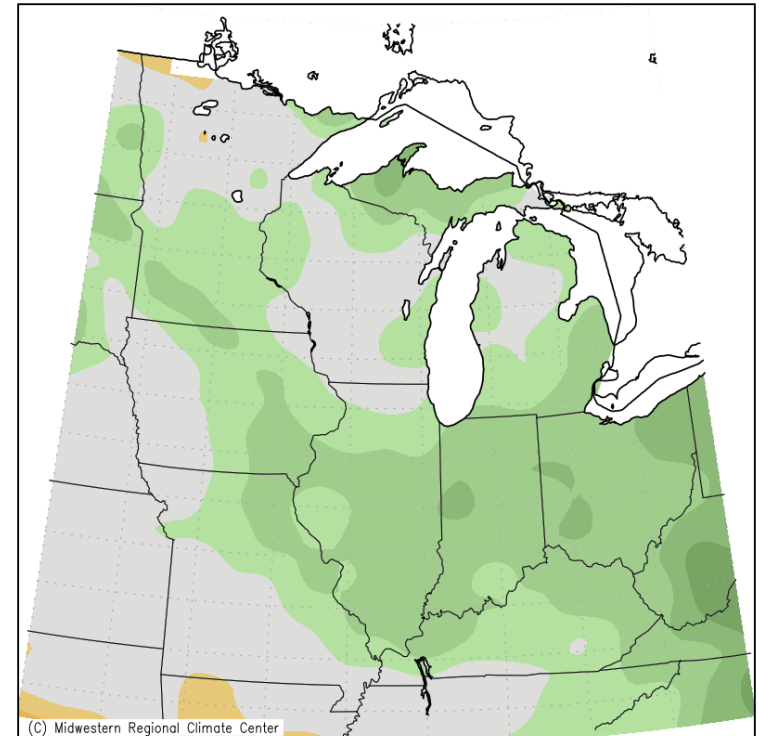


# Southeast Michigan Climate Summary

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

Location	Avg Temp	Location	Avg Temp
ADRIAN 2 NNE	35.4	LEXINGTON WATER PLANT	30.4
ADRIAN LENAWEE COUNTY AP	34.1	LINDEN WWTP	31.4
ALGONAC WWTP	32.5	MANCHESTER	33.3
ANN ARBOR MUNICIPAL AP	33.1	MILFORD GM PROVING GROUND	30.4
ANN ARBOR SE	33.1	OIL CITY 2S	30.9
ANN ARBOR U OF MICH	33.4	OWOSSO WWTP	32.6
BAD AXE	29.3	PONTIAC OAKLAND COUNTY INTL AP	31.8
BURTON 4N	31.2	PONTIAC WWTP	33.0
CARO WWTP	30.7	PORT HURON	32.0
CASS CITY 1 SSW	28.7	RICHMOND 4 NNW	31.6
CHELSEA	32.6	SAGINAW #3	32.7
CORUNNA 2 NE	31.8	SAGINAW MBS INTL AP	32.6
DEARBORN	33.8	SALINE 4SW	34.2
DEARBORN NO. 2	34.5	TIPTON 2WNN	33.0
DETROIT CITY AP	34.0	VASSAR	30.5
DETROIT METROPOLITAN AP	35.4	WHITMORE LAKE 1NW	32.3
DETROIT WILLOW RUN AP	35.5		
DUNDEE	33.7		
DURAND WWTP	31.8		
FARMINGTON	32.2		
FLINT 7 W	31.6		
FLINT BISHOP INTL AP	31.5		
GOODRICH	31.8		
GROSSE POINTE FARMS	32.0		
HARBOR BEACH 1 SSE	29.6		
LAPEER 2W	32.7		
LAPEER WWTP	31.5		

Average Temperature (°F): Departure from Mean  
March 1, 2018 to March 31, 2018



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



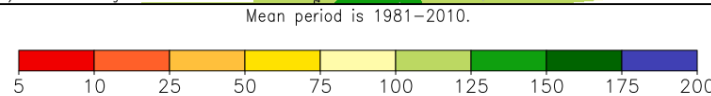
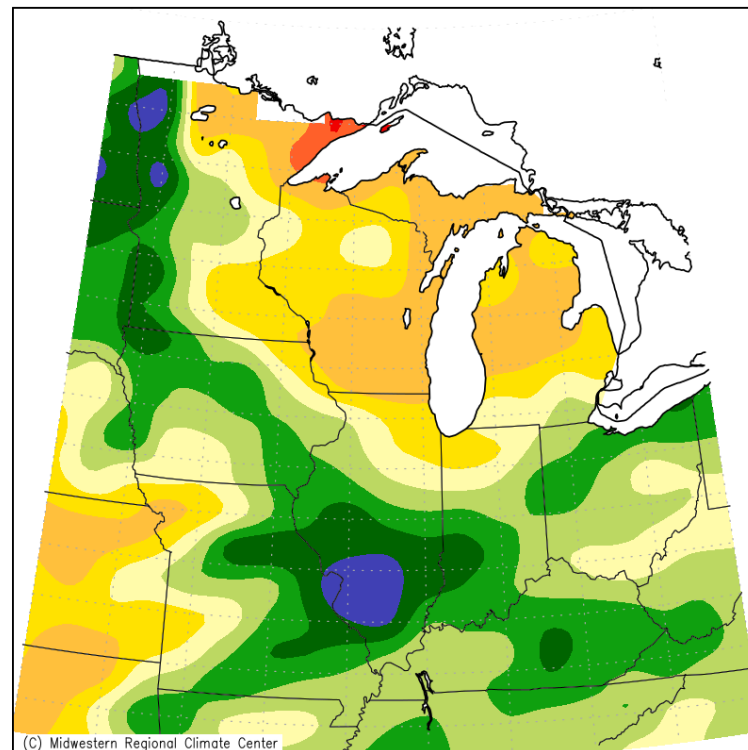


# Southeast Michigan Climate Summary

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

Location	Precip	Location	Precip
ADRIAN 2 NNE	1.54	FARMINGTON	1.81
ADRIAN LENAWEE COUNTY AP	2.80	FARMINGTON HILLS 1.4 N	2.30
ALGONAC WWTP	1.16	FENTON 2.7 SSE	1.54
ANN ARBOR 2.1 WNW	2.42	FLINT 7 W	0.89
ANN ARBOR 3.1 SE	3.19	FLINT BISHOP INTL AP	1.11
ANN ARBOR 4.5 W	2.61	GOODRICH	1.08
ANN ARBOR 7.1 W	2.26	HARBOR BEACH 1 SSE	1.56
ANN ARBOR MUNICIPAL AP	2.61	LAKE ORION 4.3 SSE	1.82
ANN ARBOR SE	3.20	LAPEER 2W	1.70
ANN ARBOR U OF MICH	3.35	LAPEER WWTP	1.39
BAD AXE	1.21	LEXINGTON WATER PLANT	1.17
BAY CITY 5.3 N	0.65	LINDEN WWTP	1.22
BELLEVILLE 2.8 ESE	2.85	LIVONIA 2.3 NNW	2.14
BURTON 4N	1.37	MANCHESTER	2.82
CARLETON 2.5 S	1.52	MIDLAND 2.9 SW	0.86
CARO WWTP	1.34	MILAN WWTP	2.86
CASS CITY 1 SSW	1.21	MILFORD GM PROVING GROUND	1.77
CHELSEA	2.78	MILLINGTON 3 SE	1.33
CHESANING	0.70	MONROE 3.1 SW	2.94
CORUNNA 2 NE	0.97	NEW BALTIMORE 0.4 SSE	1.55
DAVISBURG 1.3 ESE	2.08	NEWPORT 4SSE	2.63
DEARBORN	2.33	OIL CITY 2S	0.83
DEARBORN HEIGHTS 1.8 NW	2.24	ORTONVILLE 2.3 S	1.82
DEARBORN NO. 2	2.10	OWOSSO WWTP	1.04
DETROIT CITY AP	1.56	PONTIAC OAKLAND COUNTY INTL AP	1.21
DETROIT METROPOLITAN AP	2.63	PONTIAC WWTP	0.78
DETROIT WILLOW RUN AP	2.18	PORT HOPE	2.77
DEXTER 2.2 SE	2.72	PORT HURON	1.85
DUNDEE	2.90	PORT HURON 1.6 W	1.51
DURAND WWTP	0.80	RICHMOND 4 NNW	1.05

Accumulated Precipitation: Percent of Mean  
March 1, 2018 to March 31, 2018



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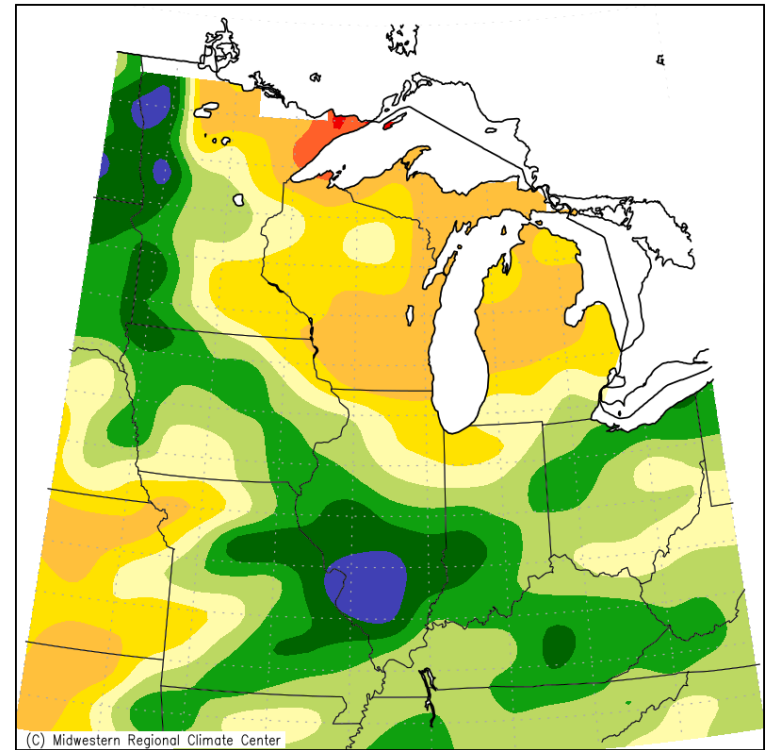


# Southeast Michigan Climate Summary

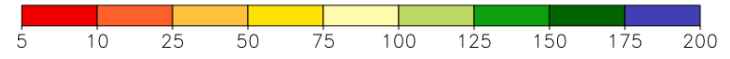
Total precipitation for SE Michigan & regional departure from normal (right) - 2/2

Location	Precip
ROSEVILLE 1.7 ENE	1.57
SAGINAW 3.0 NW	0.76
SAGINAW 5W	1.02
SAGINAW #3	0.50
SAGINAW MBS INTL AP	0.69
SALINE 3.8 SSW	3.05
SALINE 4SW	2.92
SHELBY 0.4 SSE	1.22
TECUMSEH	3.05
TIPTON 2WNW	2.90
TROY 1.8 S	1.50
VASSAR	0.98
WATERFORD 2.1 NW	1.80
WHITE LAKE 0.5 E	1.96
WYANDOTTE	2.86

Accumulated Precipitation: Percent of Mean  
March 1, 2018 to March 31, 2018



Mean period is 1981–2010.



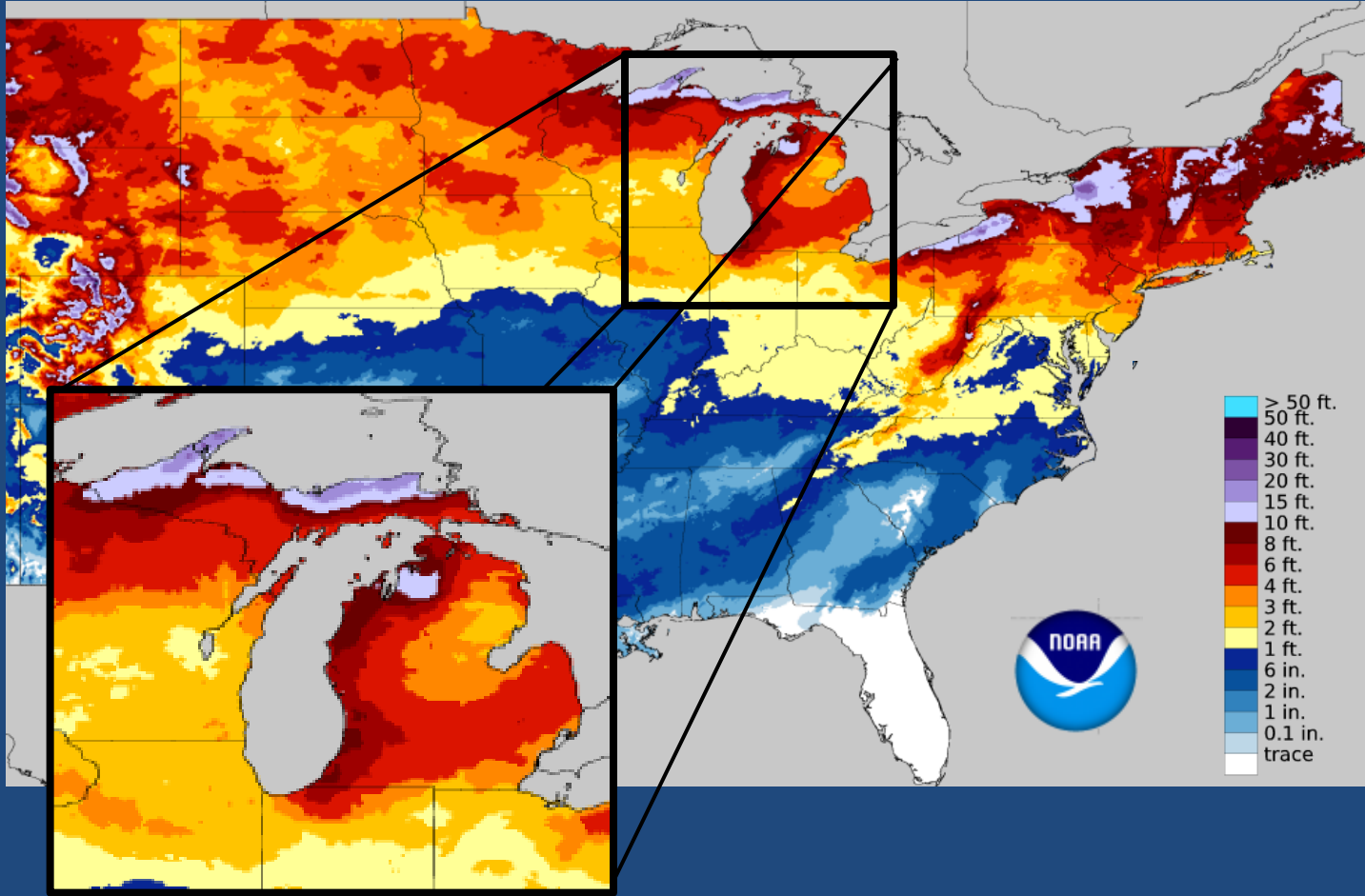
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Illinois State Water Survey, Prairie Research Institute  
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# Southeast Michigan Climate Summary

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

Location	Snowfall
ALGONAC WWTP	4.0
ANN ARBOR 2.1 WNW	3.7
ANN ARBOR 3.1 SE	4.0
ANN ARBOR 7.1 W	7.7
ANN ARBOR SE	13.2
ANN ARBOR U OF MICH	14.6
BAD AXE	11.3
BAY CITY 5.3 N	6.1
BURTON 4N	7.0
CASS CITY 1 SSW	14.8
CHELSEA	7.0
DEARBORN NO. 2	2.0
DETROIT METROPOLITAN AP	5.9
DURAND WWTP	4.9
FARMINGTON	5.4
FARMINGTON HILLS 1.4 N	10.5
FLINT 7 W	11.5
FLINT BISHOP INTL AP	11.7
GOODRICH	9.8
GROSSE POINTE FARMS	0.6
HARBOR BEACH 1 SSE	13.3
LAPEER 2W	15.0
LAPEER WWTP	14.1
MANCHESTER	5.3
MILFORD GM PROVING GROUND	12.0
MILLINGTON 3 SE	13.7
MORENCI	1.9
NEW BALTIMORE 0.4 SSE	5.1
NEWPORT 4SSE	2.8
OIL CITY 2S	6.7



Courtesy NOAA NOHRC

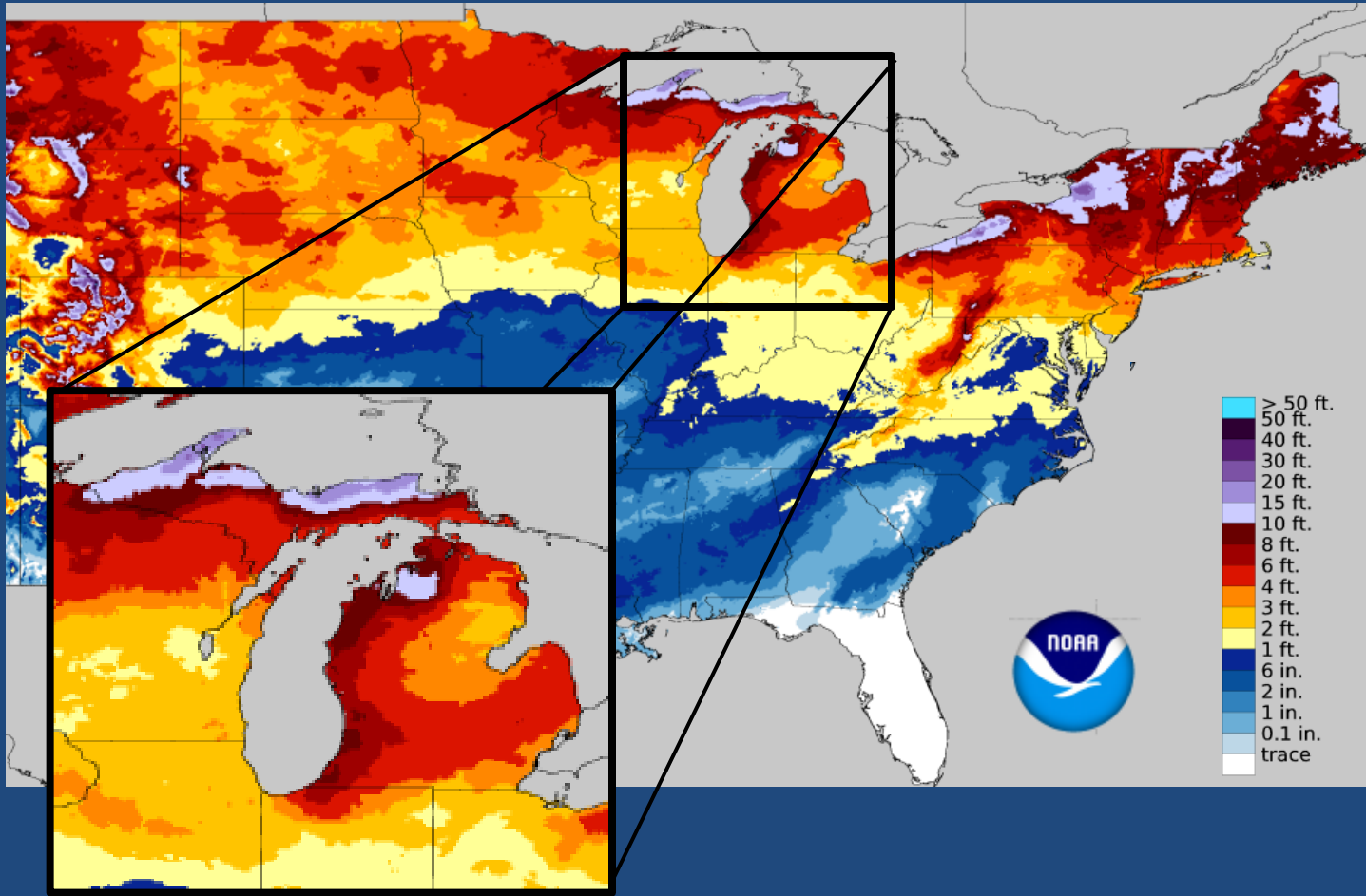




# Southeast Michigan Climate Summary

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

Location	Snowfall
OWOSSO WWTP	6.0
PONTIAC WWTP	6.6
PORT HURON	9.1
PORT HURON 1.6 W	7.0
RICHMOND 4 NNW	7.3
SAGINAW 3.0 NW	7.0
SAGINAW 5W	5.0
SAGINAW 8NW	0.7
SAGINAW #3	4.0
SAGINAW MBS INTL AP	4.8
SALINE 3.8 SSW	4.0
WATERFORD 2.1 NW	14.2
WYANDOTTE	5.6



Courtesy NOAA NOHRC



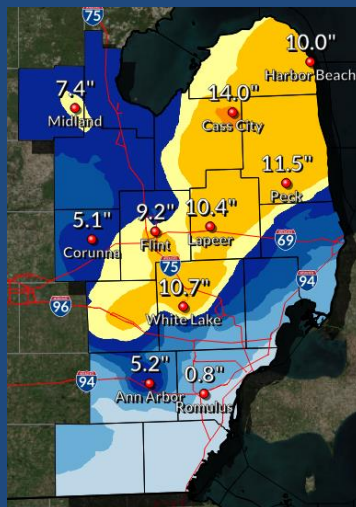


# Southeast Michigan Climate Summary

Significant Weather – click image for web story



[March 1 Snow](#)



[March 6-8 Snow](#)



# 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: 1895 | End: 2016

State/Region: Michigan | # Display Trend

Climate Division/City: Statewide | # Smoothed Time Series

# 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>