



# Southeast Michigan Climate Summary

Monthly Temperature, Precipitation, Snowfall, and Severe Weather Summaries

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

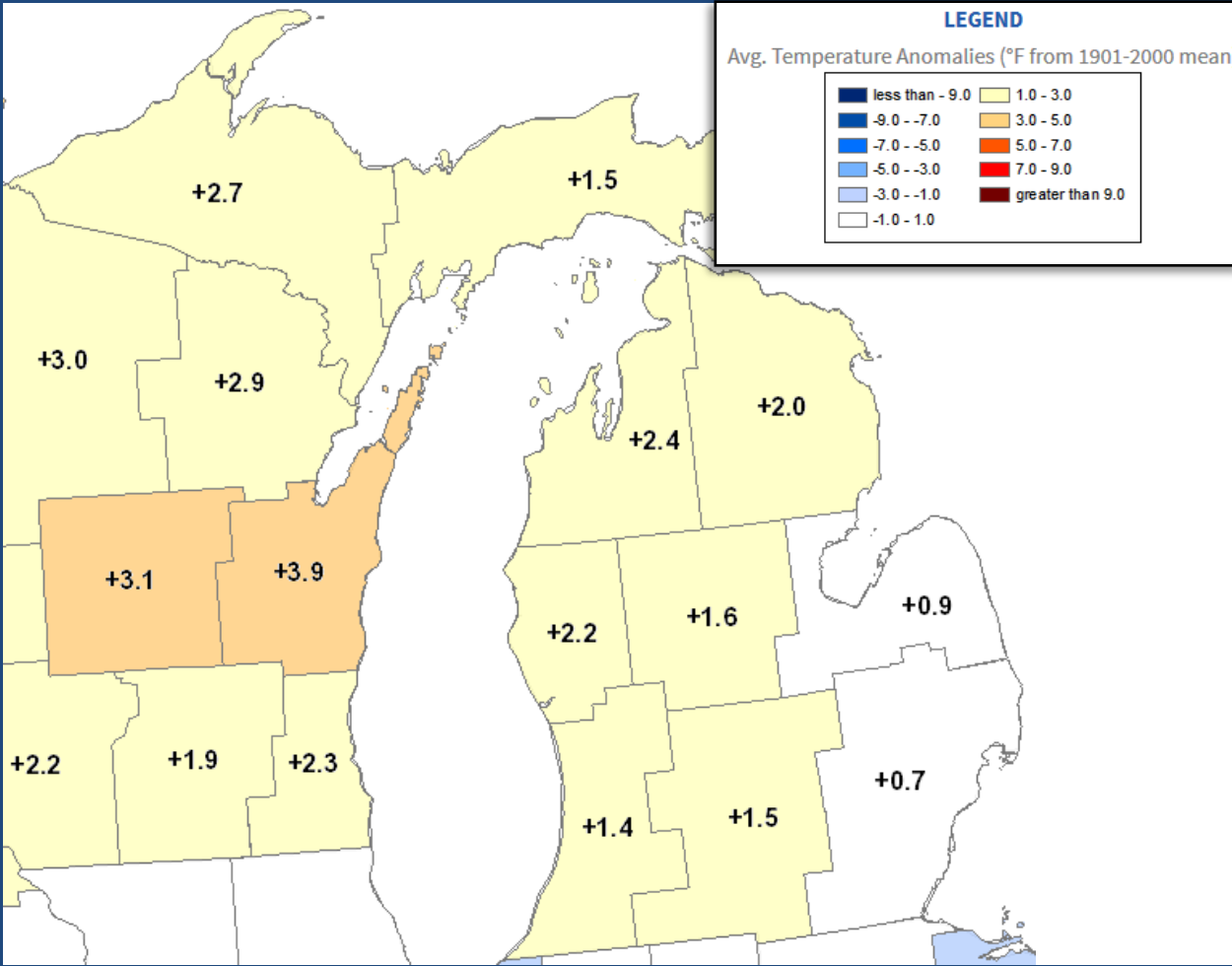




# Southeast Michigan Climate Summary

Temperature Anomalies by NCEI Climate Division (page 1 of 2)

| Location                 | Type | Average Temperature |
|--------------------------|------|---------------------|
| ADRIAN 2 NNE             | COOP | 25.2                |
| ADRIAN LENAWEE COUNTY AP | WBAN | 23.5                |
| ALGONAC WWTP             | COOP | 22.8                |
| ANN ARBOR MUNICIPAL AP   | WBAN | 23.3                |
| ANN ARBOR SE             | COOP | 22.6                |
| ANN ARBOR U OF MICH      | COOP | 23.6                |
| BAD AXE                  | COOP | 20.4                |
| BURTON 4N                | COOP | 21.3                |
| CARO WWTP                | COOP | 20.5                |
| CASS CITY 1 SSW          | COOP | 18.4                |
| CHELSEA                  | COOP | 22.4                |
| CORUNNA 2 NE             | COOP | 21.3                |
| DEARBORN                 | COOP | 22.4                |
| DETROIT CITY AP          | WBAN | 24.6                |
| DETROIT METROPOLITAN AP  | WBAN | 24.5                |
| DETROIT WILLOW RUN AP    | WBAN | 25.2                |
| DUNDEE                   | COOP | 22.7                |
| DURAND WWTP              | COOP | 20.7                |
| FARMINGTON               | COOP | 21.1                |
| FILION 5NNW              | COOP | 20.3                |
| FLINT 7 W                | COOP | 21.4                |
| FLINT BISHOP INTL AP     | WBAN | 22.5                |
| FRANKENMUTH 1SE          | COOP | 20.5                |
| GOODRICH                 | COOP | 21.7                |
| GROSSE POINTE FARMS      | COOP | 23.6                |
| LAPEER 2W                | COOP | 22.4                |
| LAPEER WWTP              | COOP | 20.7                |
| LEXINGTON WATER PLANT    | COOP | 21.2                |
| LINDEN WWTP              | COOP | 20.9                |
| MANCHESTER               | COOP | 22.5                |
| MIDLAND                  | COOP | 23.1                |
| MILAN WWTP               | COOP | 22.5                |

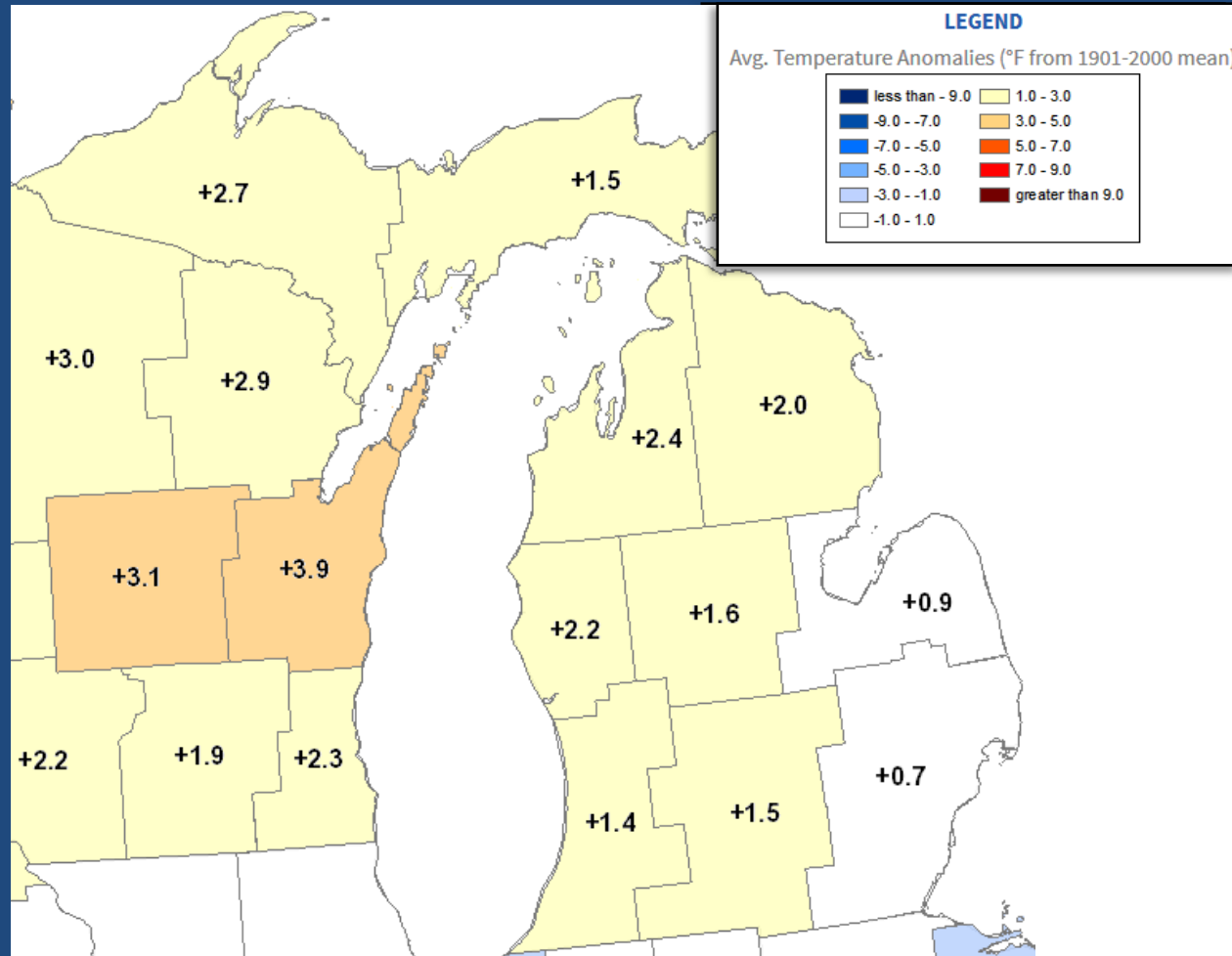




# Southeast Michigan Climate Summary

Temperature Anomalies by NCEI Climate Division (page 2 of 2)

| Location                       | Type | Average Temperature |
|--------------------------------|------|---------------------|
| MORENCI                        | COOP | 22.3                |
| NEWPORT 4SSE                   | COOP | 22.4                |
| OIL CITY 2S                    | COOP | 19.9                |
| OWOSSO WWTP                    | COOP | 21.8                |
| PONTIAC OAKLAND COUNTY INTL AP | WBAN | 23.7                |
| PONTIAC WWTP                   | COOP | 22.5                |
| PORT HOPE                      | WBAN | 23.9                |
| PORT HURON                     | COOP | 24.2                |
| RICHMOND 4 NNW                 | COOP | 21.5                |
| SAGINAW #3                     | COOP | 21.3                |
| SAGINAW MBS INTL AP            | WBAN | 23.0                |
| SALINE 4SW                     | COOP | 22.0                |
| TECUMSEH                       | COOP | 22.2                |
| TIPTON 2WNW                    | COOP | 22.4                |
| VASSAR                         | COOP | 19.9                |
| WHITMORE LAKE 1NW              | COOP | 21.8                |
| YALE 1 NNW                     | COOP | 18.9                |

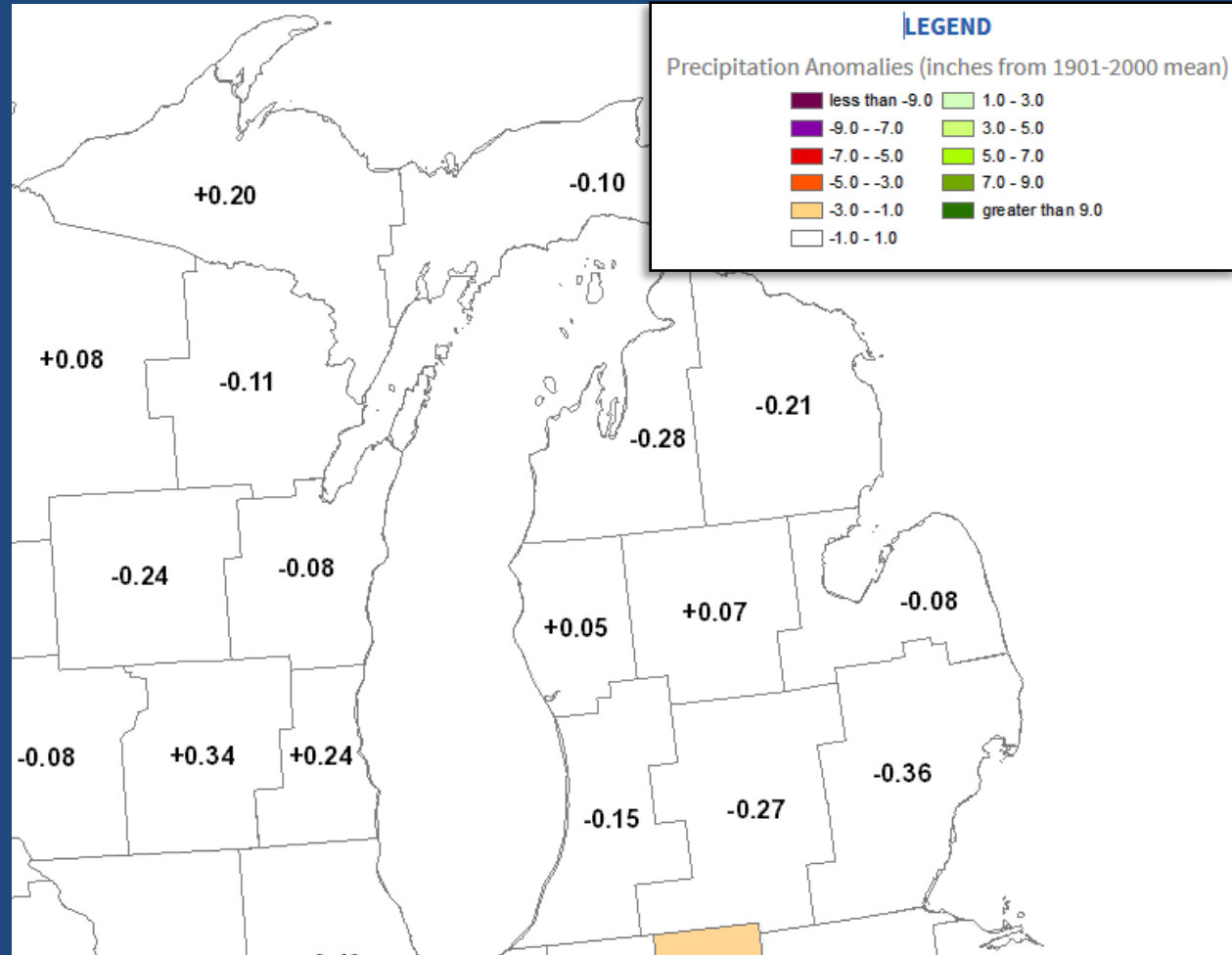




# Southeast Michigan Climate Summary

Precipitation Anomalies by NCEI Climate Division (page 1 of 3)

| Location                   | Type     | Precipitation |
|----------------------------|----------|---------------|
| ADRIAN 2 NNE               | COOP     | 1.25          |
| ADRIAN LENAWEE COUNTY AP   | WBAN     | 0.91          |
| ALGONAC WWTP               | COOP     | 1.52          |
| ANN ARBOR 2.1 WNW          | CoCoRaHS | 1.52          |
| ANN ARBOR 3.1 SE           | CoCoRaHS | 1.29          |
| ANN ARBOR 4.5 W            | CoCoRaHS | 1.28          |
| ANN ARBOR MUNICIPAL AP     | WBAN     | 0.75          |
| ANN ARBOR SE               | COOP     | 1.66          |
| ANN ARBOR U OF MICH        | COOP     | 1.71          |
| BAY CITY 2.2 WNW           | CoCoRaHS | 2.10          |
| BLOOMFIELD TOWNSHIP 3.1 SW | CoCoRaHS | 1.26          |
| BURTON 4N                  | COOP     | 2.79          |
| CARO WWTP                  | COOP     | 1.64          |
| CASS CITY 1 SSW            | COOP     | 1.22          |
| CHELSEA                    | COOP     | 1.44          |
| CHESANING                  | COOP     | 1.59          |
| CORUNNA 2 NE               | COOP     | 1.74          |
| DEARBORN                   | COOP     | 1.36          |
| DEARBORN HEIGHTS 1.8 NW    | CoCoRaHS | 1.46          |
| DETROIT CITY AP            | WBAN     | 0.90          |
| DETROIT METROPOLITAN AP    | WBAN     | 1.36          |
| DETROIT WILLOW RUN AP      | WBAN     | 0.96          |
| DEXTER 0.9 NW              | CoCoRaHS | 1.55          |
| DEXTER 2.2 SE              | CoCoRaHS | 1.53          |
| DUNDEE                     | COOP     | 1.43          |
| DURAND WWTP                | COOP     | 1.68          |
| FARMINGTON                 | COOP     | 1.36          |
| FARMINGTON HILLS 1.4 N     | CoCoRaHS | 1.52          |
| FILION 5NNW                | COOP     | 1.84          |
| FLINT 7 W                  | COOP     | 1.78          |
| FLINT BISHOP INTL AP       | WBAN     | 1.72          |
| FRANKENMUTH 1SE            | COOP     | 1.30          |

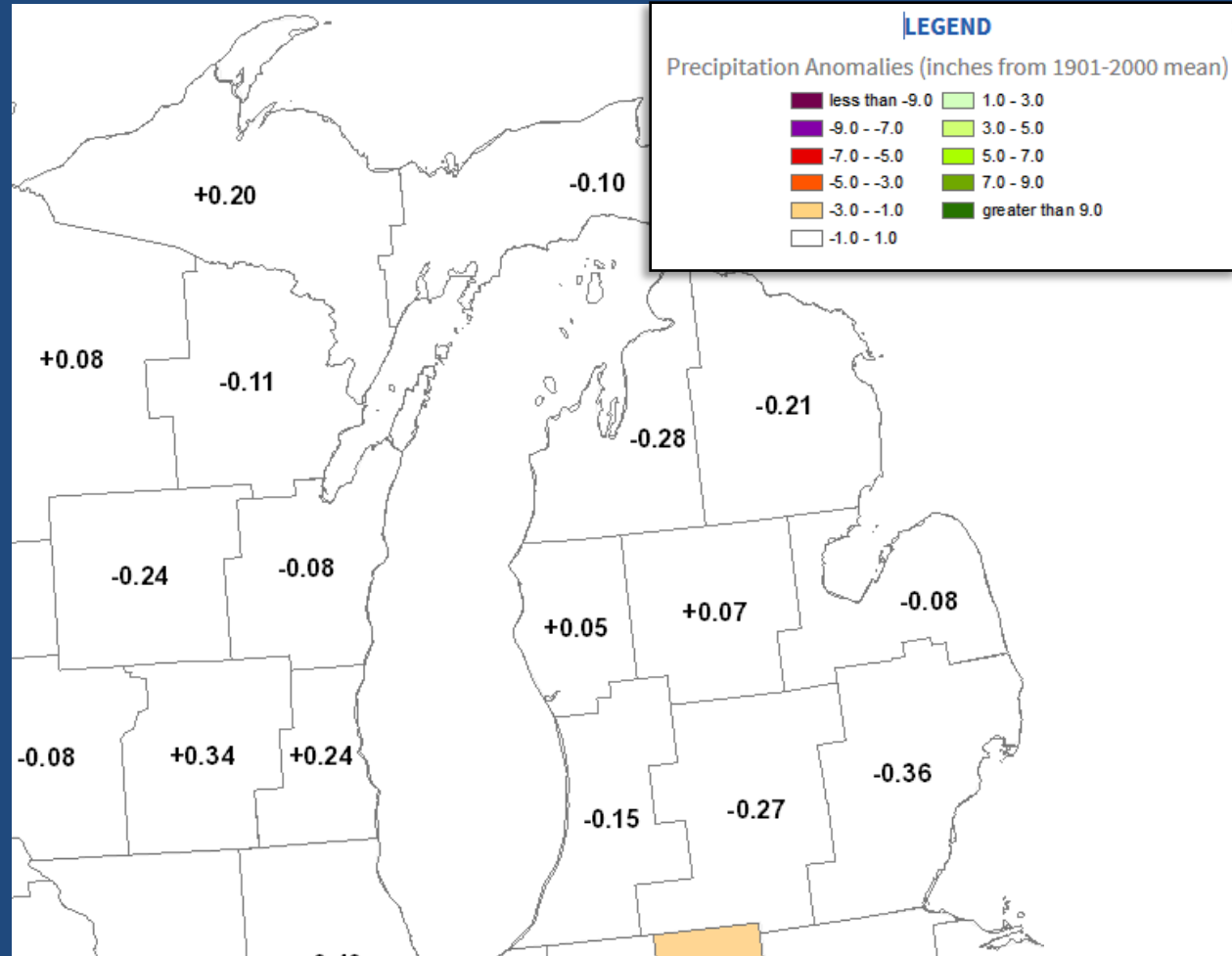




# Southeast Michigan Climate Summary

Precipitation Anomalies by NCEI Climate Division (page 2 of 3)

| Location                       | Type     | Precipitation |
|--------------------------------|----------|---------------|
| FRASER 1.2 N                   | CoCoRaHS | 1.71          |
| GOODRICH                       | COOP     | 1.47          |
| GROSSE ILE 1.6 N               | CoCoRaHS | 1.15          |
| LAKE ORION 4.3 SSE             | CoCoRaHS | 1.66          |
| LAPEER 2W                      | COOP     | 2.42          |
| LAPEER WWTP                    | COOP     | 1.48          |
| LEXINGTON WATER PLANT          | COOP     | 1.55          |
| LINDEN WWTP                    | COOP     | 1.68          |
| LIVONIA 2.0 NE                 | CoCoRaHS | 1.26          |
| LIVONIA 2.3 NNW                | CoCoRaHS | 1.72          |
| MANCHESTER                     | COOP     | 1.35          |
| MIDLAND                        | COOP     | 1.31          |
| MIDLAND 1.8 ENE                | CoCoRaHS | 2.37          |
| MIDLAND 2.9 SW                 | CoCoRaHS | 1.73          |
| MILLINGTON 3 SE                | COOP     | 1.54          |
| MONROE 3.1 SW                  | CoCoRaHS | 0.98          |
| MORENCI                        | COOP     | 1.09          |
| NEW BALTIMORE 0.4 SSE          | CoCoRaHS | 1.47          |
| NEWPORT 4SSE                   | COOP     | 1.20          |
| NORTHVILLE 3.2 ENE             | CoCoRaHS | 1.56          |
| OIL CITY 2S                    | COOP     | 1.89          |
| ORTONVILLE 2.3 S               | CoCoRaHS | 1.62          |
| OWOSSO WWTP                    | COOP     | 1.66          |
| PLEASANT RIDGE 0.5 WNW         | CoCoRaHS | 1.82          |
| PLYMOUTH 5.4 W                 | CoCoRaHS | 1.36          |
| PONTIAC OAKLAND COUNTY INTL AP | WBAN     | 0.88          |
| PONTIAC WWTP                   | COOP     | 1.80          |
| PORT HOPE                      | WBAN     | 1.95          |
| PORT HURON                     | COOP     | 1.69          |
| PORT HURON 1.6 W               | CoCoRaHS | 1.71          |
| RICHMOND 4 NNW                 | COOP     | 1.33          |
| ROSEVILLE 1.7 ENE              | CoCoRaHS | 1.49          |

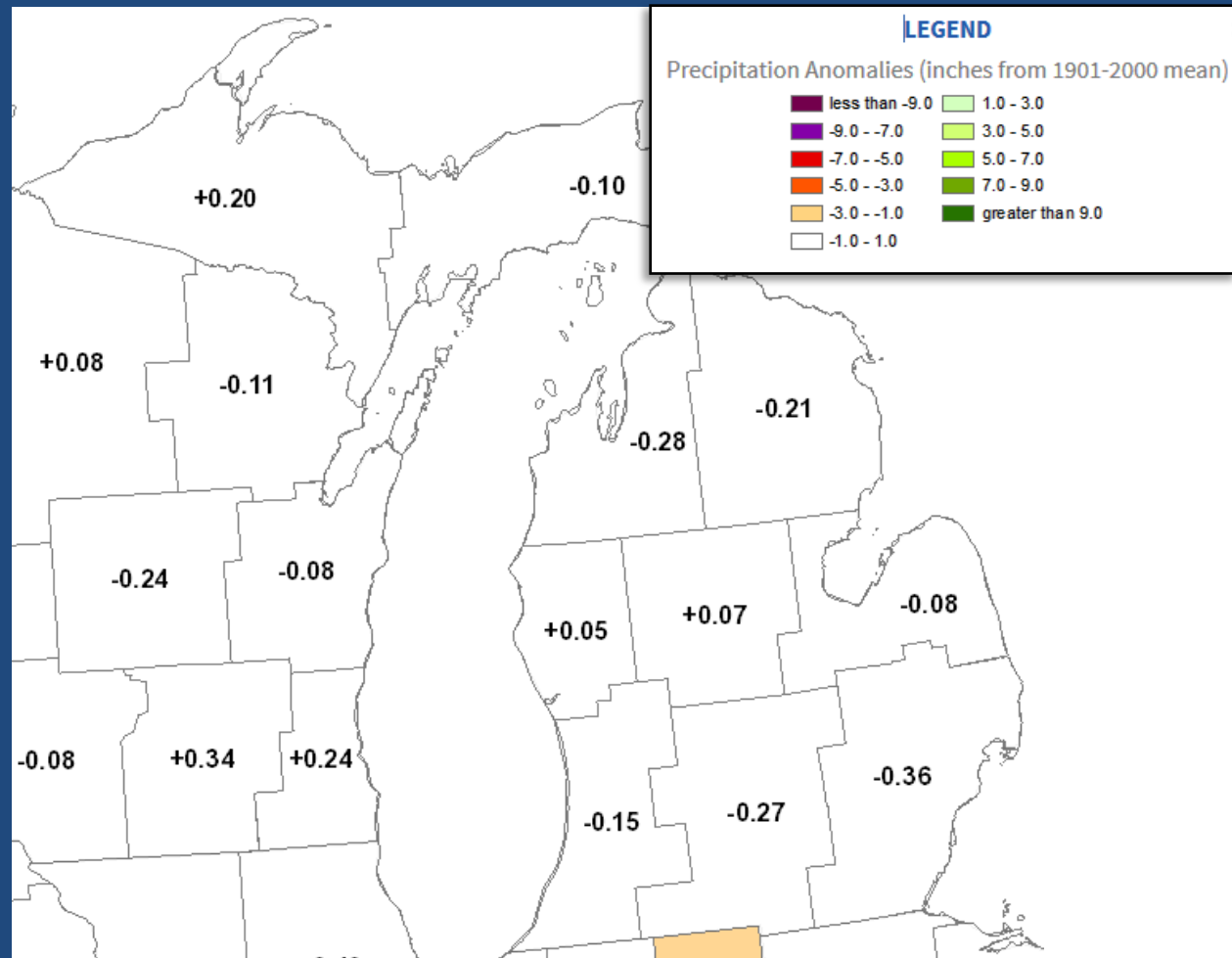




# Southeast Michigan Climate Summary

Precipitation Anomalies by NCEI Climate Division (page 3 of 3)

| Location            | Type     | Precipitation |
|---------------------|----------|---------------|
| SAGINAW 3.0 NW      | CoCoRaHS | 1.66          |
| SAGINAW 5W          | COOP     | 1.70          |
| SAGINAW 8NW         | COOP     | 1.49          |
| SAGINAW #3          | COOP     | 1.74          |
| SAGINAW MBS INTL AP | WBAN     | 1.24          |
| SHELBY 0.4 SSE      | CoCoRaHS | 1.57          |
| TROY 1.8 S          | CoCoRaHS | 1.42          |
| WATERFORD 2.1 NW    | CoCoRaHS | 1.32          |
| WHITE LAKE 0.5 E    | CoCoRaHS | 1.66          |
| WYANDOTTE           | COOP     | 1.36          |
| YALE 1 NNW          | COOP     | 1.47          |

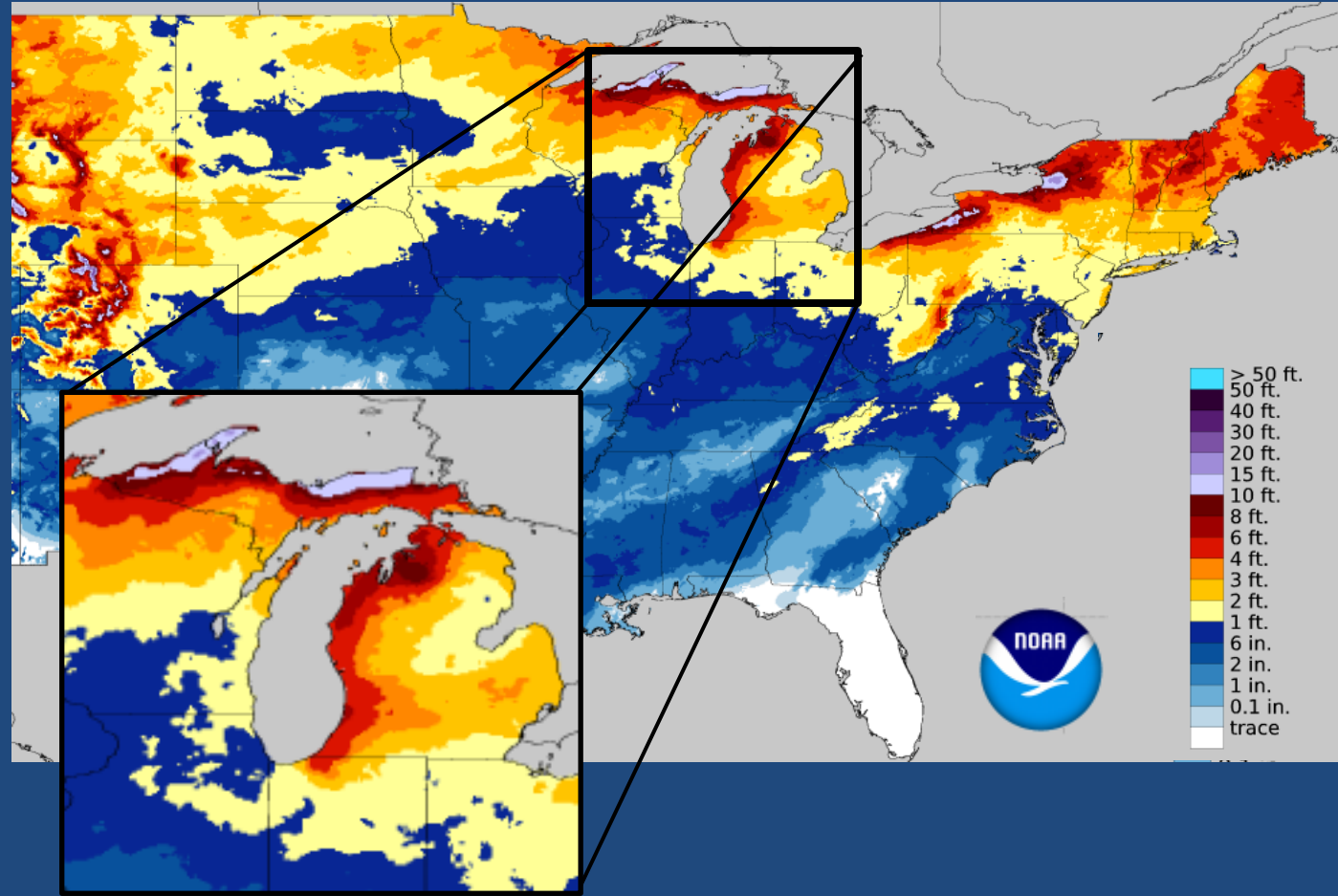




# Southeast Michigan Climate Summary

NOHRSC Season Snow Accumulation as of January 31, 2018 (page 1 of 2)

| Location                  | Type     | Snowfall |
|---------------------------|----------|----------|
| ADRIAN 2 NNE              | COOP     | 6.1      |
| ALGONAC WWTP              | COOP     | 8.4      |
| ANN ARBOR 2.1 WNW         | CoCoRaHS | 8.8      |
| ANN ARBOR 3.1 SE          | CoCoRaHS | 10.7     |
| ANN ARBOR SE              | COOP     | 12.0     |
| ANN ARBOR U OF MICH       | COOP     | 12.8     |
| BAD AXE                   | COOP     | 8.5      |
| BURTON 4N                 | COOP     | 15.7     |
| CASS CITY 1 SSW           | COOP     | 9.4      |
| CHELSEA                   | COOP     | 7.9      |
| DETROIT METROPOLITAN AP   | WBAN     | 9.2      |
| DURAND WWTP               | COOP     | 11.4     |
| FARMINGTON                | COOP     | 6.8      |
| FARMINGTON HILLS 1.4 N    | CoCoRaHS | 11.9     |
| FILION 5NNW               | COOP     | 12.1     |
| FLINT 7 W                 | COOP     | 20.2     |
| FLINT BISHOP INTL AP      | WBAN     | 20.2     |
| FRASER 1.2 N              | CoCoRaHS | 7.4      |
| GOODRICH                  | COOP     | 10.4     |
| GROSSE POINTE FARMS       | COOP     | 8.3      |
| HARBOR BEACH 1 SSE        | COOP     | 16.8     |
| LAPEER 2W                 | COOP     | 19.0     |
| LAPEER WWTP               | COOP     | 13.2     |
| LIVONIA 2.0 NE            | CoCoRaHS | 4.0      |
| LIVONIA 2.3 NNW           | CoCoRaHS | 9.4      |
| MANCHESTER                | COOP     | 7.2      |
| MIDLAND 1.8 ENE           | CoCoRaHS | 7.6      |
| MILFORD GM PROVING GROUND | COOP     | 8.3      |
| MILLINGTON 3 SE           | COOP     | 17.8     |
| MORENCI                   | COOP     | 6.6      |
| NEW BALTIMORE 0.4 SSE     | CoCoRaHS | 9.0      |
| NEWPORT 4SSE              | COOP     | 9.3      |

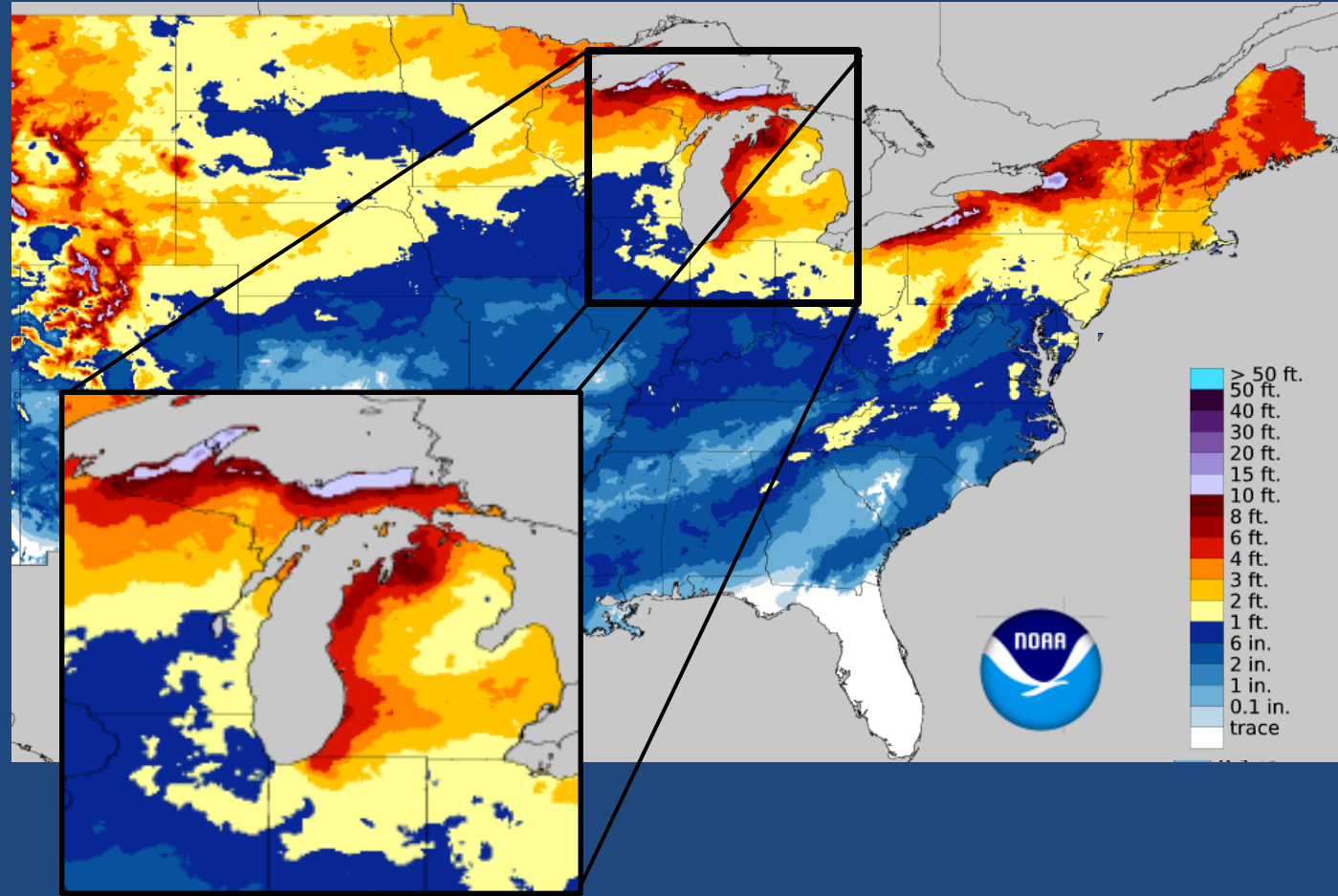




# Southeast Michigan Climate Summary

NOHRSC Season Snow Accumulation as of January 31, 2018 (page 1 of 2)

| Location            | Type     | Snowfall |
|---------------------|----------|----------|
| NORTHVILLE 3.2 ENE  | CoCoRaHS | 7.5      |
| OIL CITY 2S         | COOP     | 5.0      |
| OWOSSO WWTP         | COOP     | 9.5      |
| PLYMOUTH 5.4 W      | CoCoRaHS | 7.8      |
| PONTIAC WWTP        | COOP     | 12.6     |
| PORT HURON          | COOP     | 5.2      |
| PORT HURON 1.6 W    | CoCoRaHS | 8.7      |
| RICHMOND 4 NNW      | COOP     | 10.5     |
| SAGINAW 3.0 NW      | CoCoRaHS | 10.0     |
| SAGINAW 5W          | COOP     | 8.7      |
| SAGINAW 8NW         | COOP     | 6.4      |
| SAGINAW #3          | COOP     | 7.6      |
| SAGINAW MBS INTL AP | WBAN     | 4.4      |
| SALINE 3.8 SSW      | CoCoRaHS | 5.5      |
| WATERFORD 2.1 NW    | CoCoRaHS | 6.3      |
| WYANDOTTE           | COOP     | 9.7      |
| YALE 1 NNW          | COOP     | 14.0     |

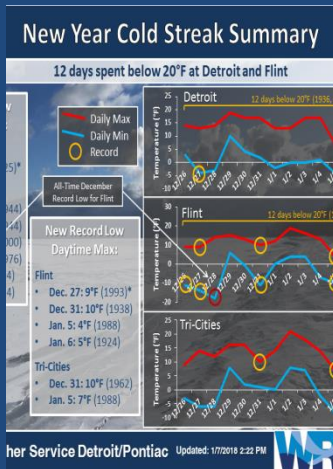






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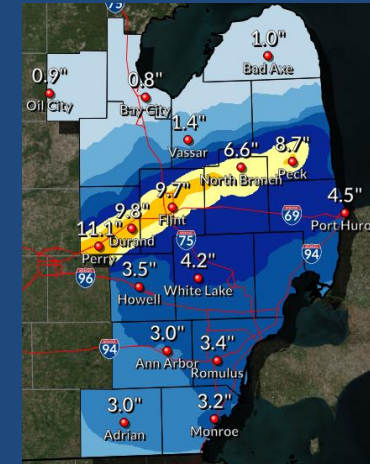
Significant Weather – click image for web story



[New Year Cold](#)



[Jan 12 Warmth & Snow](#)



[Jan 29 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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Home | Climate Information | Data Access | Customer Support | Contact | About

### 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

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 | # 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>