

SHELBY COUNTY: State of the Climate

Weather records show that Indiana has become warmer and wetter, with more heavy downpours. Indiana scientists have concluded these climate trends will continue and intensify, affecting the health and wellbeing of all Hoosiers.

Number of >95°F days per year

1 42

PAST

2050s

Average hottest day of the year

95°F 106°F

PAST

2050s

Average coldest day of the year

-9°F 0°F

PAST

2050s

Projected change in SPRING rainfall

+16%

2050s compared to PAST

Above data show a comparison of past and future conditions for **Shelby County, Indiana**, except SPRING rainfall which shows statewide average data. Past data are average values from **1971 to 2000**. Future data (2050s) are average values from **2041 to 2070** based on a high emissions scenario (assumes no reduction in the addition of heat-trapping gases to the atmosphere).



Indiana's average temperature is projected to warm 5°F to 6°F



Indiana's annual rainfall is expected to increase by 8%, with much wetter winters & springs

Data are from *Indiana's Past & Future Climate*, a report from the **Indiana Climate Change Impacts Assessment** compiled by experts at *Purdue University, University of Notre Dame, Indiana University, Ball State University, and the Midwestern Regional Climate Center*.

For more information, please visit www.IndianaClimate.org.

Indiana's Growing Season



Indiana Climate Change Impacts Assessment



Coordinated by the *Purdue Climate Change Research Center (PCCRC)*, scientists and decision makers from across the state are working together to develop a series of reports that shows how changing weather patterns will affect state & local interests.

Assessment Goals

- ✓ Increase dialogue about Indiana's climate
- ✓ Build network of experts & citizens
- ✓ Develop credible & usable climate impact information



QUICK FACTS ABOUT THE IN CCIA

- Purdue-led effort that includes contributions from **>100 experts** across Indiana.
- Over **50 participating organizations** providing stakeholder input, co-authoring reports & sharing results
- **Nine topic-based reports** will be released on a rolling schedule beginning in **March 2018**.

Stay informed, stay connected

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Find reports, newsletters, co-author list, participating organizations, resources & more at

www.IndianaClimate.org



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