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# Climate Change Indicators in the United States

## Hot Summer Nights

Hot nights can be the most dangerous part of a heat wave because they prevent people's bodies from recovering from daytime heat.

Unusually hot nights have become much more common in recent years. Learn more about extreme temperature trends

<<https://epa.gov/climate-indicators/climate-change-indicators-high-and-low-temperatures>>.

1

2

3

4

Temperatures are rising, snow and rainfall patterns are shifting, and more extreme climate events – like heavy rainstorms and record high temperatures – are becoming more common. Many of these observed climate changes are linked to rising levels of greenhouse gases in our atmosphere, caused by human activities. EPA's indicators provide evidence of these changes and their impacts on people and the environment. EPA partners with dozens of data contributors to compile and keep these indicators up to date.



## View the Indicators

Check out more than 50 indicators that show the causes and effects of climate change.

**Start here** <<https://epa.gov/climate-indicators/view-indicators>>



## Dig into the Data

Explore the data with maps and figures.

**Explore** <<https://epa.gov/climate-indicators/dig-data>>



## Indicator Stories

Follow along with detailed narratives and supporting data about specific effects of climate change.

**Read on** <<https://epa.gov/climate-indicators/indicator-stories>>

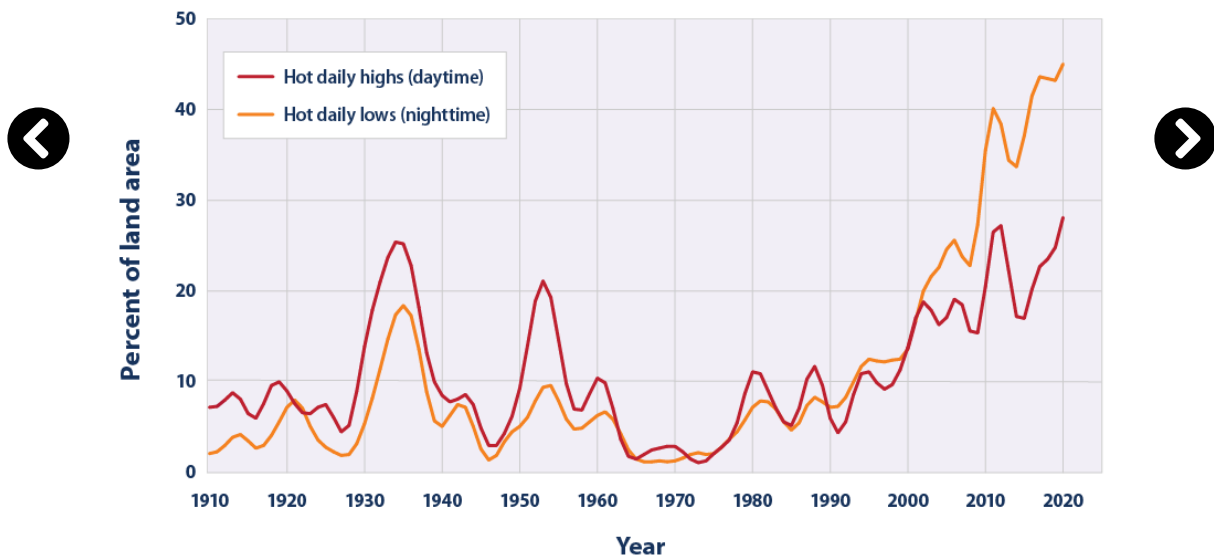


## About the Indicators

Learn about how EPA develops indicators, find answers to frequent questions, and access publications.

**Find out more** <<https://epa.gov/climate-indicators/about-indicators>>

## Featured Indicators



## Summers are getting warmer.

Unusually hot summer days have become more common, and hot summer nights (shown as “hot daily lows”) are increasing at an even faster rate. Heat waves with hot nights are especially dangerous because they give people less opportunity to cool off and recover from daytime heat. For more details, see the High and Low Temperatures Indicator <<https://epa.gov/climate-indicators/climate-change-indicators-high-and-low-temperatures>>.

## Related Resources

- EPA Climate Change Homepage <<https://epa.gov/climate-change>>
- EPA Climate Change Science <<https://epa.gov/climatechange-science>>
- EPA Climate Change Research <<https://epa.gov/climate-research>>
- U.S. Global Change Research Program Indicator Platform [↗](https://www.globalchange.gov/browse/indicators)  
<<https://www.globalchange.gov/browse/indicators>>

Contact Us <<https://epa.gov/climate-indicators/forms/contact-us-about-climate-indicators>> to ask a question, provide feedback, or report a problem.

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