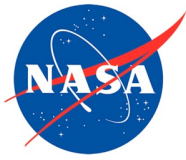


# NASA: 2018 was 4th warmest year on record



— *NEW YORK TIMES*

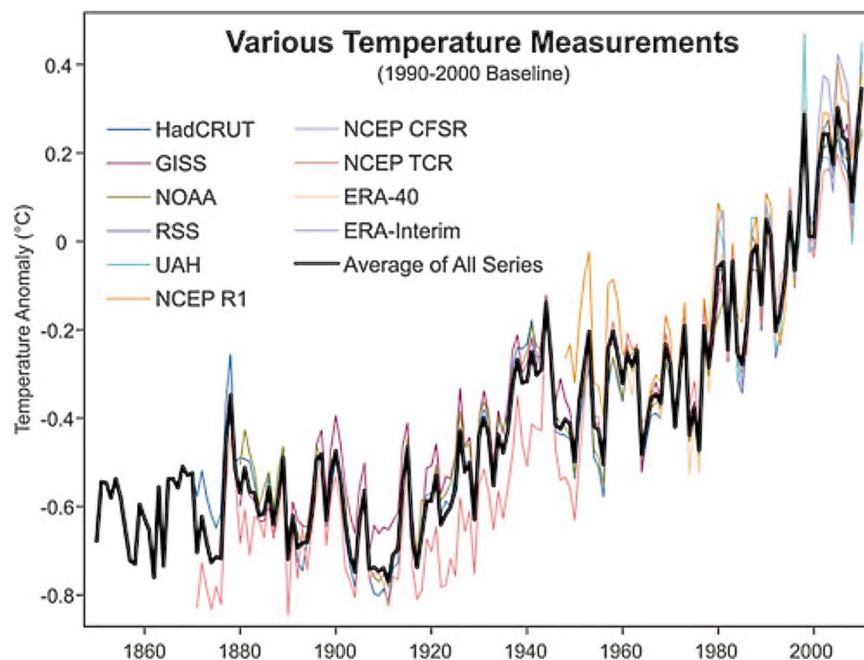
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NASA scientists announced Wednesday that the Earth's average surface temperature in 2018 was the fourth highest in nearly 140 years of record-keeping and a continuation of an unmistakable warming trend.

"The five warmest years have, in fact, been the last five years," said Gavin Schmidt, director of the Goddard Institute for Space Studies, the NASA group that conducted the analysis. "We're no longer talking about a situation where global warming is something in the future. It's here. It's now."

Overall, 18 of the 19 warmest years have occurred since 2001.

## 10 Temperature Records



Ten different temperature records that all tell the same story. These include the primary surface temperature thermometer records (NASA GISS, NOAA, and HadCRUT); satellite measurements of the lower troposphere temperature processed by Remote Sensing Systems (RSS) and the University of Alabama-Huntsville (UAH); and 5 major reanalysis datasets which incorporate station data, aircraft data, satellite data, radiosonde data, buoy and ship measurements, and meteorological weather modeling. Also see the ["Temperature Composite"](#) graphic, which shows just the surface temperature and satellite series.