

NASA 2024 temperature brief

A five-slide outline based on NASA's announcement of 10 January 2025. The figures describe 2024 and retain their original comparison periods.

NASA reported a record for 2024

NASA's January 2025 analysis identified 2024 as the warmest year in its modern temperature record. This brief describes that historical announcement.

The 1951 to 1980 comparison

Global surface temperature in 2024 was 1.28 degrees Celsius above the 1951-1980 average. The figure expresses a difference from a baseline, rather than Earth's absolute temperature.

The 1850 to 1900 comparison

NASA estimated that 2024 was about 1.47 degrees Celsius warmer than the 1850-1900 average. The word about preserves the qualification in NASA's announcement.

Why the baseline matters

The two figures describe the same year against different reference periods. Changing the baseline changes the reported difference. Neither figure is a year-on-year increase.

The original source

NASA news release 25-002, published 10 January 2025.

Source: <https://www.nasa.gov/news-release/temperatures-rising-nasa-confirms-2024-warmest-year-on-record/>