



Warmest Year on Record 2023

2023 emerges as the warmest year on record, surpassing the 2016 record, with significant implications for [global climate patterns](#) and [extreme weather events](#).

- 2023 was **1.48°C warmer than the average** of the 1850-1900 pre-industrial level.
 - Approximately 50% of days were **more than 1.5°C** warmer than the same baseline.
- Record temperatures in 2023 led to widespread [heatwaves](#), [floods](#), [droughts](#), and [wildfires](#).
 - Marine heatwaves were observed in various regions, including the [Mediterranean](#), [Gulf of Mexico](#), [Indian Ocean](#), [North Pacific](#), and **much of the North Atlantic**.
- The onset of [El Niño in 2023](#) played a role in exacerbating temperature extremes.
 - El Niño is a natural weather phenomenon that **warms the surface waters in the eastern Pacific Ocean**, which contributes to higher global temperatures.

Read more: [The 1.5°C Warming Target and Climate Projections](#)

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