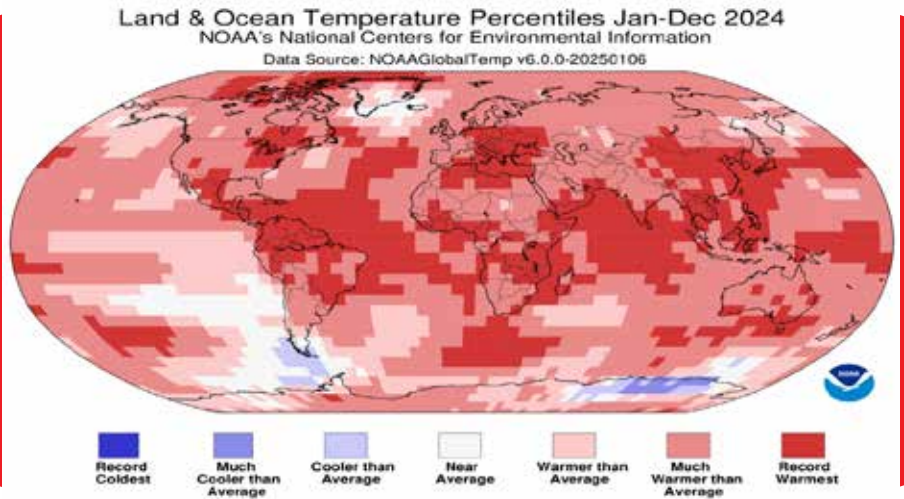
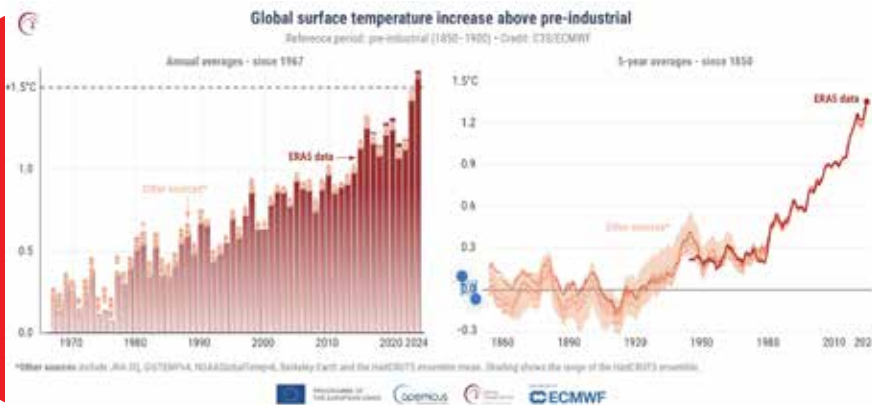


# 2024 The Hottest Year On Record



2024 surpassed 2023 as the hottest year on record, as reported by NOAA, NASA, and other organizations. Average global temperatures were 1.46°C to 1.62°C above pre-industrial levels, with a synthesis value of 1.55°C. Land temperatures were 2.3°C above pre-industrial levels; ocean temperatures rose by 1.1°C.

Global temperatures broke monthly records for 14 consecutive months from June 2023 to July 2024. July 2024 was likely the hottest month globally since records began in 1850.



24% of the Earth's surface experienced record-high annual temperatures, impacting 3.3 billion people (40% of the global population).

104 countries set new national temperature records, including China, Canada, Mexico, and Germany.

European Union's Copernicus Climate Change Service indicate that climate change added 41 days of dangerous heat globally in 2024.

Caribbean and Pacific island nations endured 150 additional dangerous heat days. Indonesia and Central American states faced 122 extra dangerous heat days; Saudi Arabia endured 70, and Brazil and Bangladesh faced 50.

On July 21, 2024, 5 billion people (two-thirds of the global population) experienced temperatures made at least twice as likely by global heating.

"Every year for the rest of your life will be one of the hottest on record. This, in turn, means that 2024 will end up being among the coldest years of this century. Enjoy it while it lasts."  
Prof Andrew Dessler, a climate scientist at Texas A&M University

Nearly half the world's countries experienced at least two months of high-risk temperatures.

Number of days with at least 'strong heat stress' in 2024

