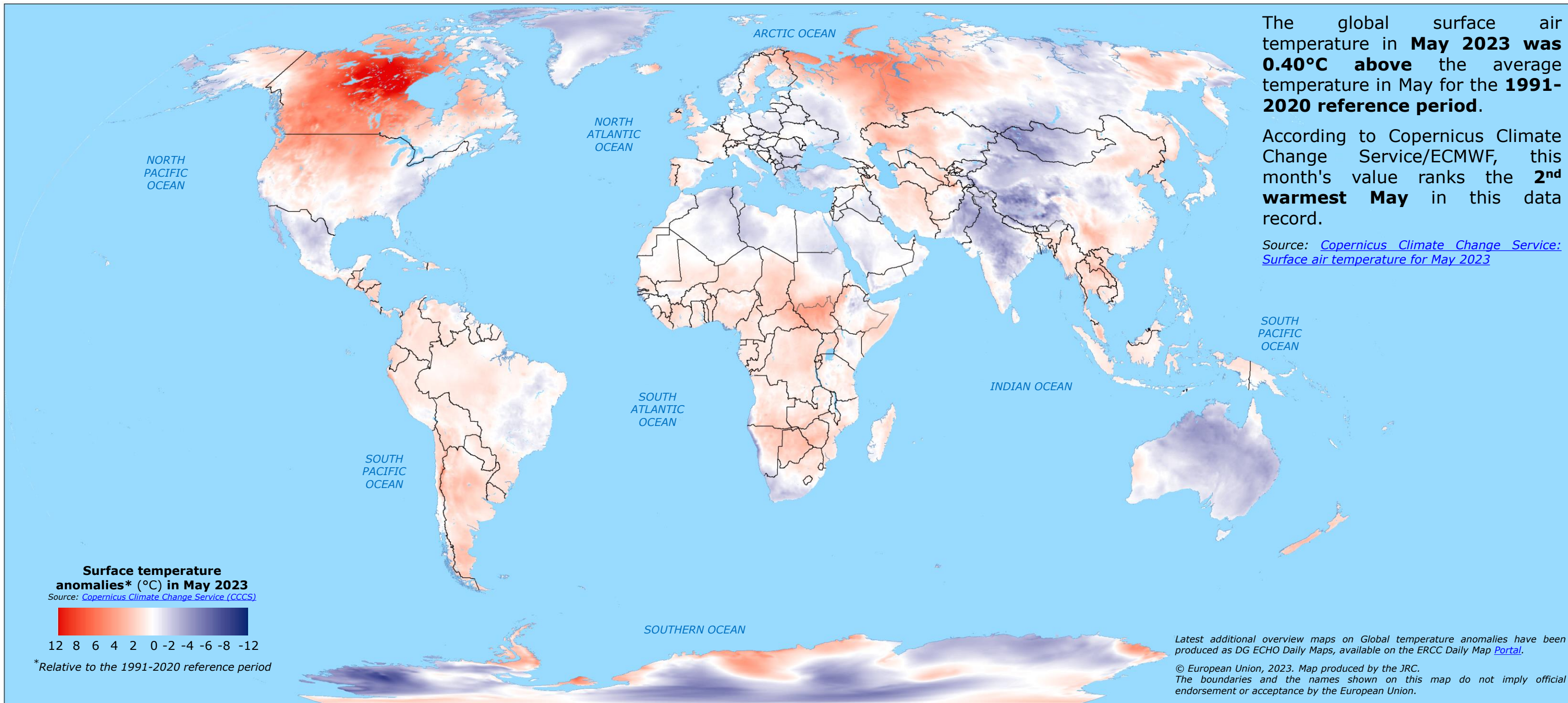


# World | Temperature Anomalies in May 2023



The global surface air temperature in **May 2023** was **0.40°C above** the average temperature in May for the **1991-2020 reference period**.

According to Copernicus Climate Change Service/ECMWF, this month's value ranks the **2<sup>nd</sup> warmest May** in this data record.

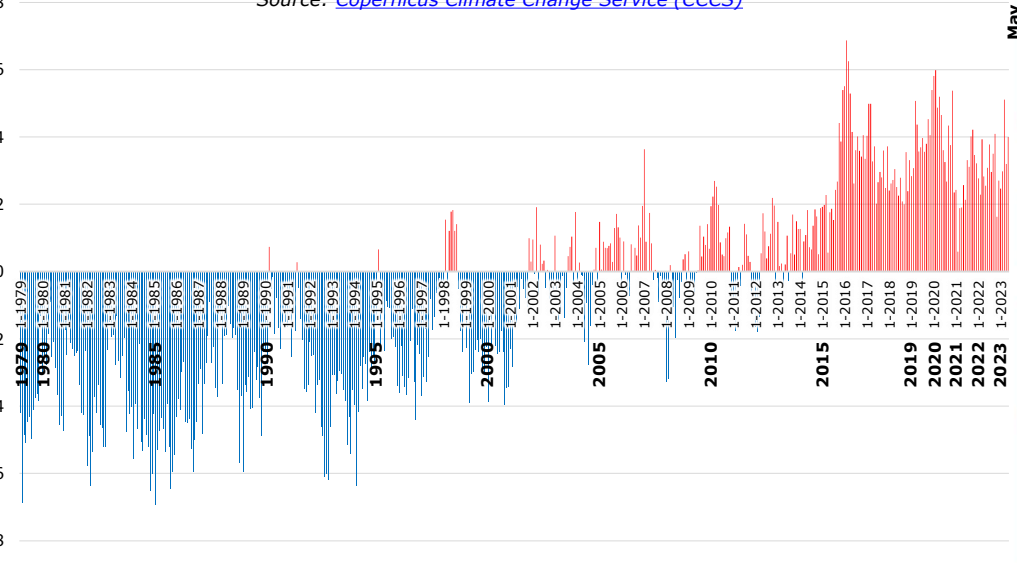
Source: [Copernicus Climate Change Service: Surface air temperature for May 2023](#)

**Surface temperature anomalies\* (°C) in May 2023**  
 Source: [Copernicus Climate Change Service \(CCCS\)](#)

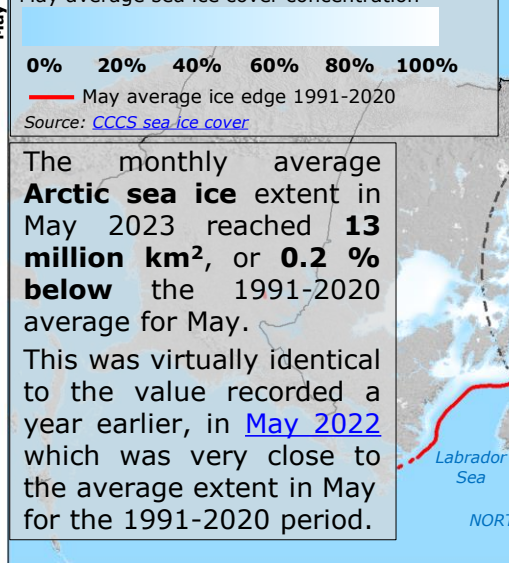
\*Relative to the 1991-2020 reference period

Latest additional overview maps on Global temperature anomalies have been produced as DG ECHO Daily Maps, available on the ERCC Daily Map [Portal](#).  
 © European Union, 2023. Map produced by the JRC. The boundaries and the names shown on this map do not imply official endorsement or acceptance by the European Union.

**Monthly global-mean surface air temperature anomalies (°C) relative to 1991-2020, from January 1979 to May 2023**  
 Source: [Copernicus Climate Change Service \(CCCS\)](#)



**Arctic sea ice concentration in May 2023**  
 May average sea ice cover concentration



**Antarctic sea ice concentration in May 2023**  
 May average sea ice cover concentration

