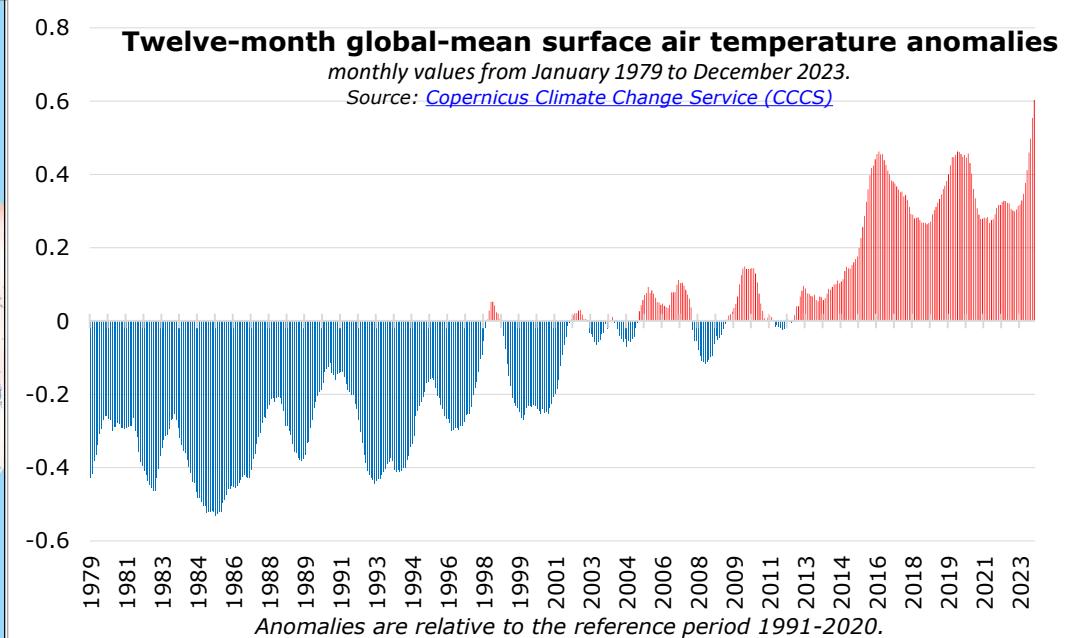
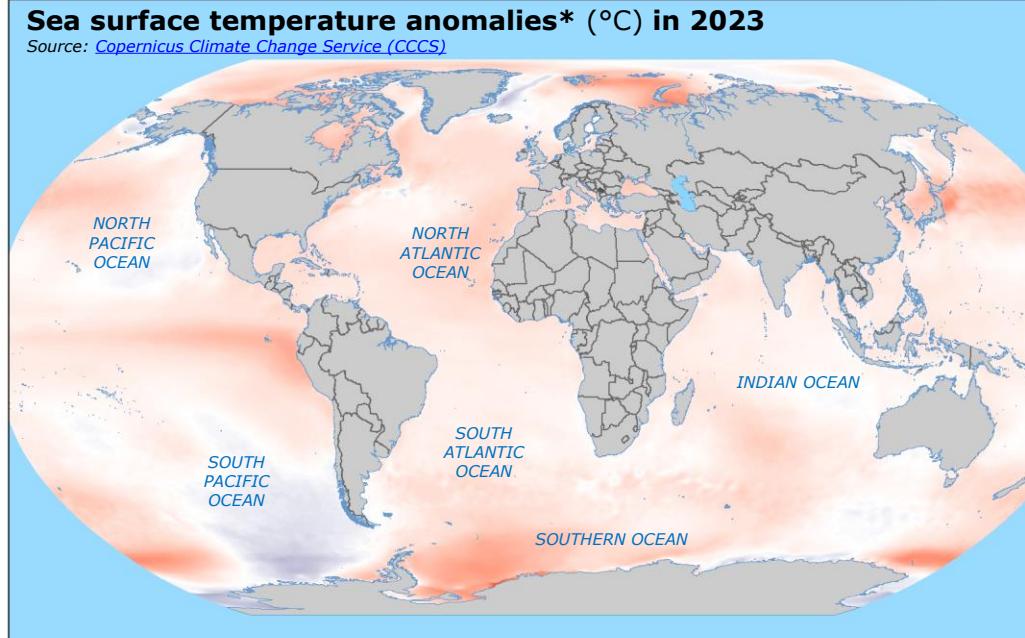
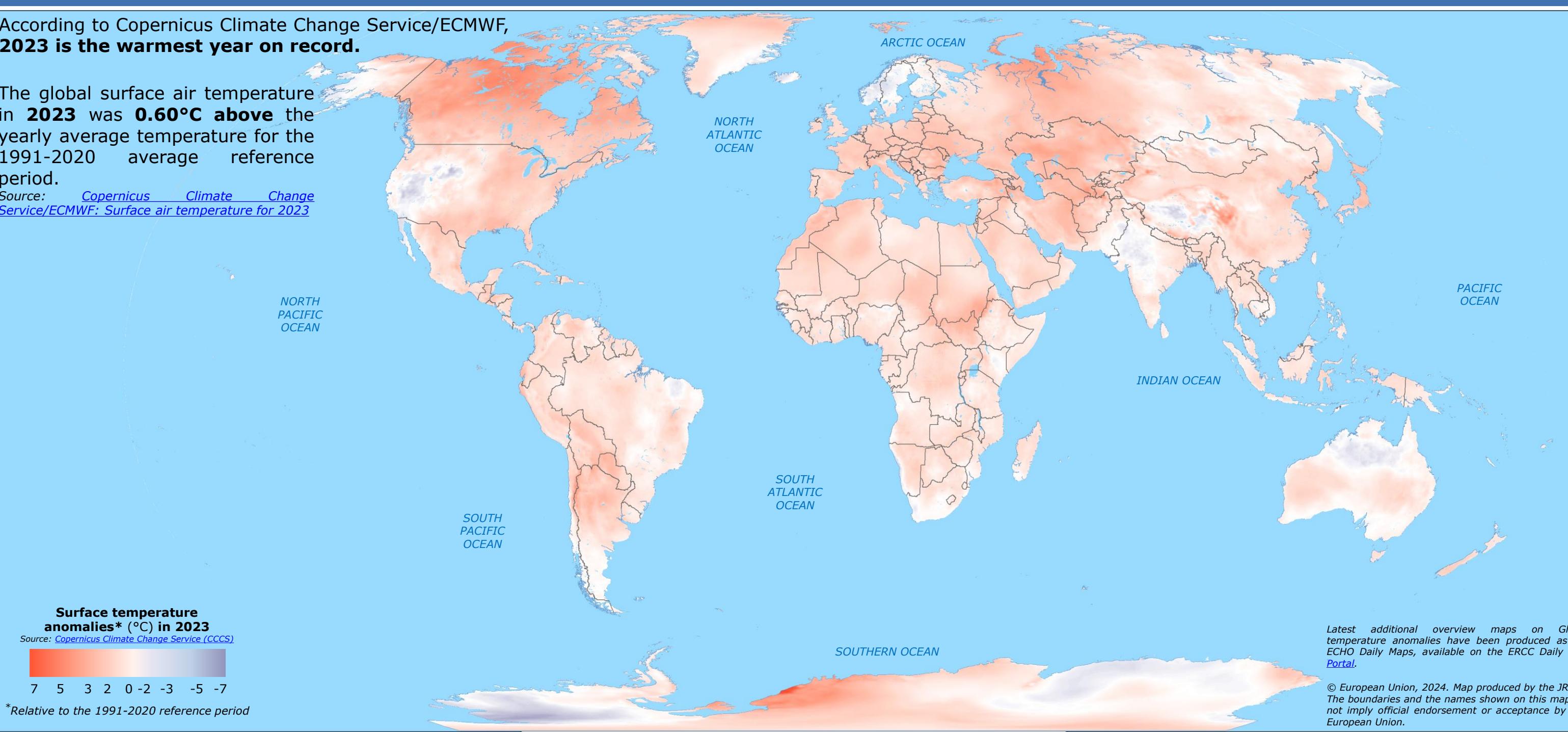


World | Temperature Anomalies in 2023

According to Copernicus Climate Change Service/ECMWF,
2023 is the warmest year on record.

The global surface air temperature in **2023** was **0.60°C above** the yearly average temperature for the 1991-2020 average reference period.

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



European monthly surface air temperature anomalies
monthly values from January 1979 to December 2023.
Source: [Copernicus Climate Change Service \(CCCS\), JRC](#)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Jan	-0.11	0.16	0.79	0.57	0.44	0.59	0.51	1.07	0.97	0.21	0.99
Feb	0.24	0.34	0.65	0.74	0.28	0.39	0.78	1.16	0.70	0.41	0.90
Mar	-0.03	0.75	0.58	0.70	0.38	0.06	1.05	1.19	0.56	0.38	1.00
Apr	-0.04	0.84	0.49	0.77	0.26	0.27	0.93	1.16	0.48	0.42	1.05
May	-0.03	0.79	0.50	0.80	0.20	0.46	0.73	1.13	0.50	0.48	1.03
Jun	-0.02	0.71	0.52	0.87	0.19	0.45	0.86	1.05	0.55	0.49	0.96
Jul	-0.05	0.75	0.47	0.92	0.12	0.57	0.72	1.06	0.69	0.43	0.93
Aug	-0.05	0.72	0.55	0.86	0.15	0.61	0.67	1.08	0.63	0.57	0.90
Sep	-0.12	0.80	0.59	0.86	0.09	0.69	0.60	1.17	0.50	0.56	1.14
Oct	-0.10	0.77	0.52	0.85	0.16	0.72	0.60	1.22	0.39	0.71	1.08
Nov	-0.11	0.75	0.60	0.65	0.24	0.76	0.63	1.27	0.31	0.78	1.01
Dec	0.11	0.74	0.75	0.45	0.34	0.70	0.79	1.19	0.15	0.87	1.02

Anomalies are relative to the reference period 1991-2020.

**Maximum, average and minimum of surface air temperature anomalies over 2013-2023.