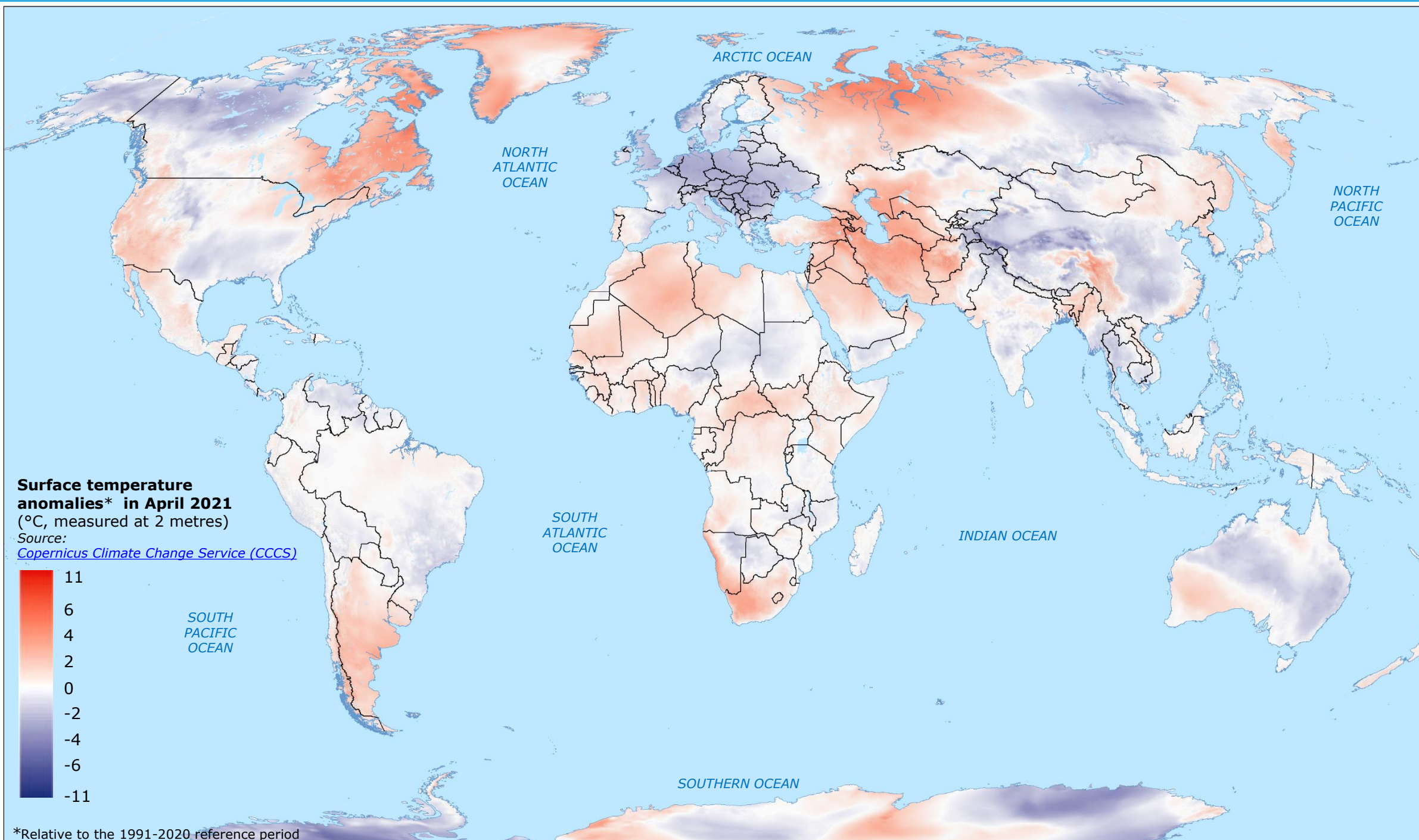


World | Temperature Anomalies in April 2021



The global average temperature for April 2021 was about 0.2°C higher than the 1991-2020 average for April. Globally, April 2021 was warmer than any April prior to 2010, but colder than the same month in 2010 and the 2016-2020 period.

During this month, temperatures were colder than the average reference period over most of Europe (with the exception of the western Iberian Peninsula).

Other regions of the world with below-average temperatures include Alaska and northern Canada, most of eastern Siberia and most of China, most of Australia, West Antarctica (with the exception of the Antarctic Peninsula), and parts of East Antarctica.

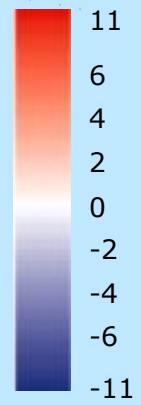
Temperatures were much higher than average over northeastern Canada and Greenland, western Siberia, Central Asia, parts of the Middle East and the Arabian Peninsula, northwestern and southern Africa, Argentina and southern Chile, southwestern Australia, and parts of East Antarctica.

Source: [Copernicus Climate Change Service \(CCCS\)](#): [Surface air temperature for April 2021](#)

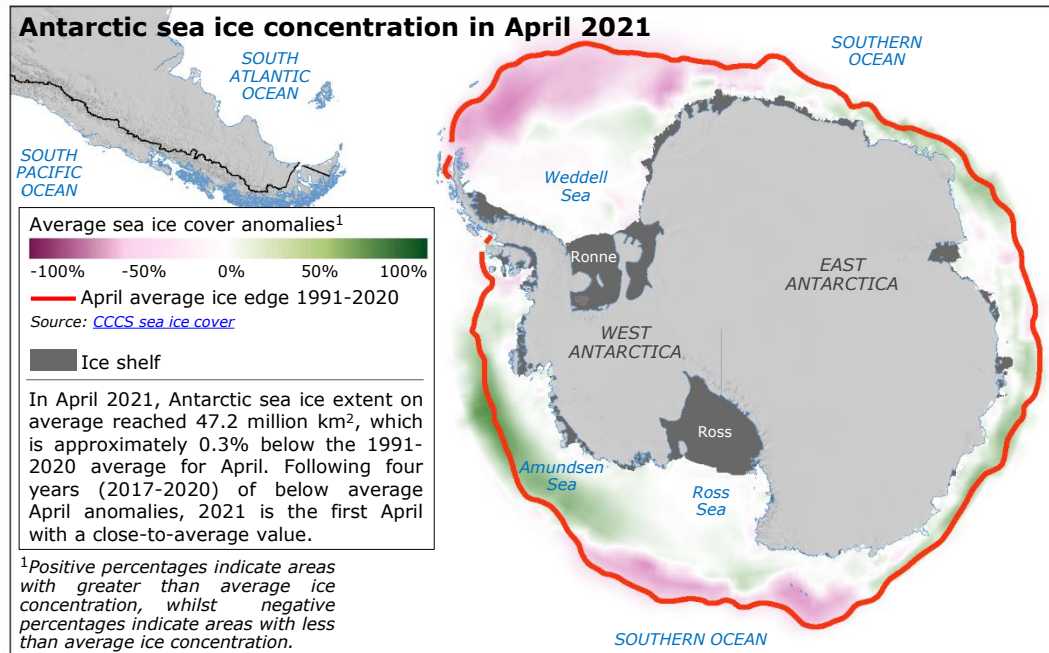
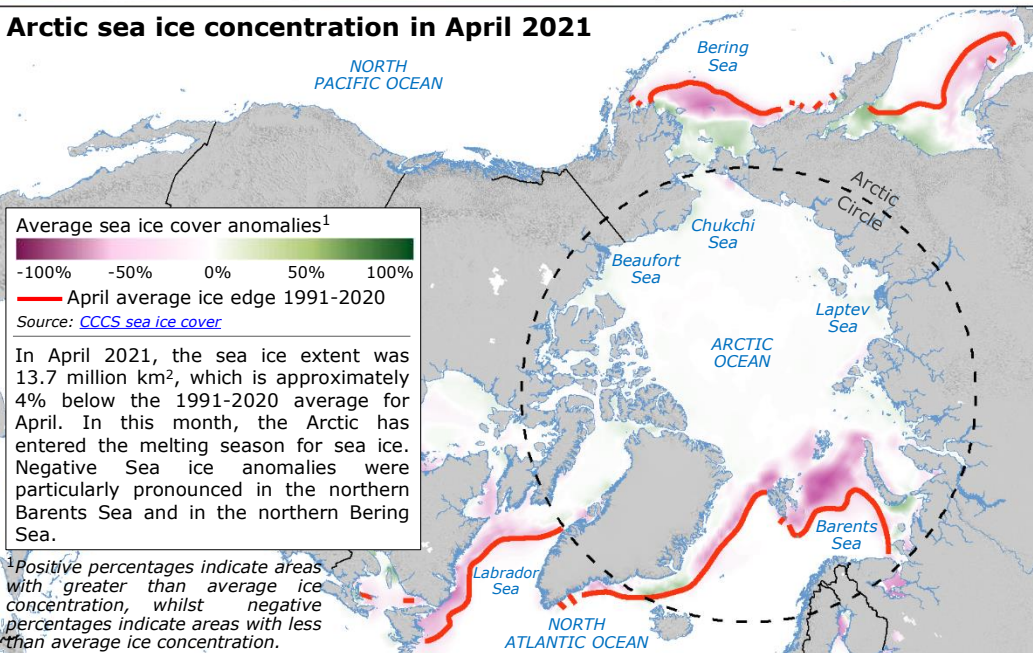
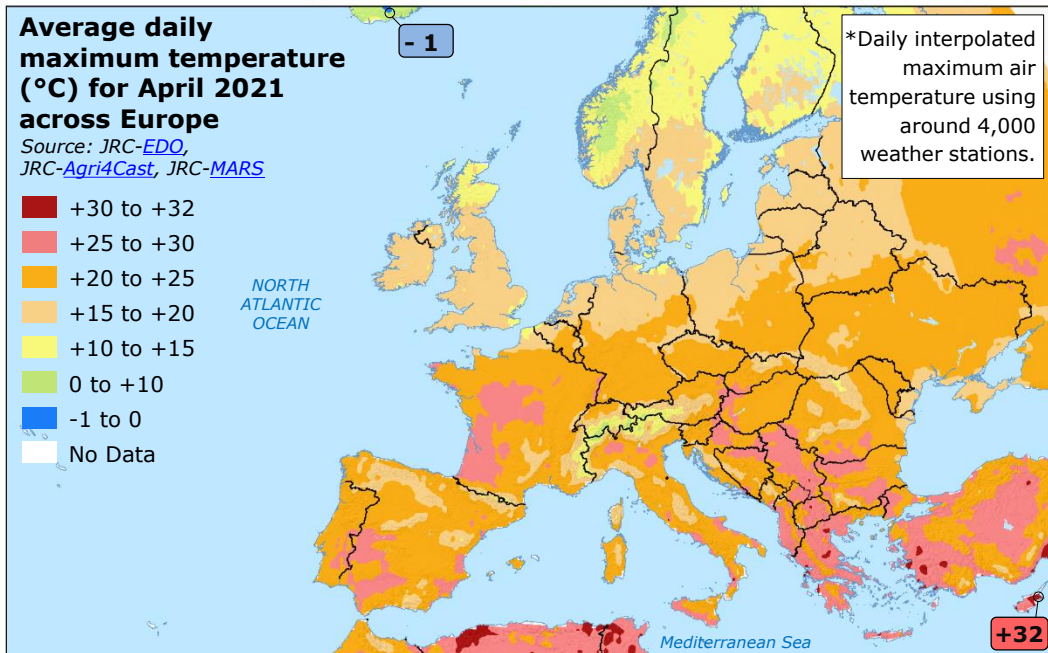
Latest additional overview maps on global temperature anomalies have been produced as DG ECHO Daily Maps, available on the [ERCC Daily Map Portal](#).

© European Union, 2021. 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.

Surface temperature anomalies* in April 2021
(°C, measured at 2 metres)
Source: [Copernicus Climate Change Service \(CCCS\)](#)



*Relative to the 1991-2020 reference period



Average daily maximum temperature (°C) for April 2021 across Europe
Source: [JRC-EDO](#), [JRC-Agri4Cast](#), [JRC-MARS](#)

- +30 to +32
- +25 to +30
- +20 to +25
- +15 to +20
- +10 to +15
- 0 to +10
- 1 to 0
- No Data

*Daily interpolated maximum air temperature using around 4,000 weather stations.

Arctic sea ice concentration in April 2021

Average sea ice cover anomalies¹

-100% -50% 0% 50% 100%

— April average ice edge 1991-2020

Source: [CCCS sea ice cover](#)

In April 2021, the sea ice extent was 13.7 million km², which is approximately 4% below the 1991-2020 average for April. In this month, the Arctic has entered the melting season for sea ice. Negative Sea ice anomalies were particularly pronounced in the northern Barents Sea and in the northern Bering Sea.

¹Positive percentages indicate areas with greater than average ice concentration, whilst negative percentages indicate areas with less than average ice concentration.

Antarctic sea ice concentration in April 2021

Average sea ice cover anomalies¹

-100% -50% 0% 50% 100%

— April average ice edge 1991-2020

Source: [CCCS sea ice cover](#)

■ Ice shelf

In April 2021, Antarctic sea ice extent on average reached 47.2 million km², which is approximately 0.3% below the 1991-2020 average for April. Following four years (2017-2020) of below average April anomalies, 2021 is the first April with a close-to-average value.

¹Positive percentages indicate areas with greater than average ice concentration, whilst negative percentages indicate areas with less than average ice concentration.