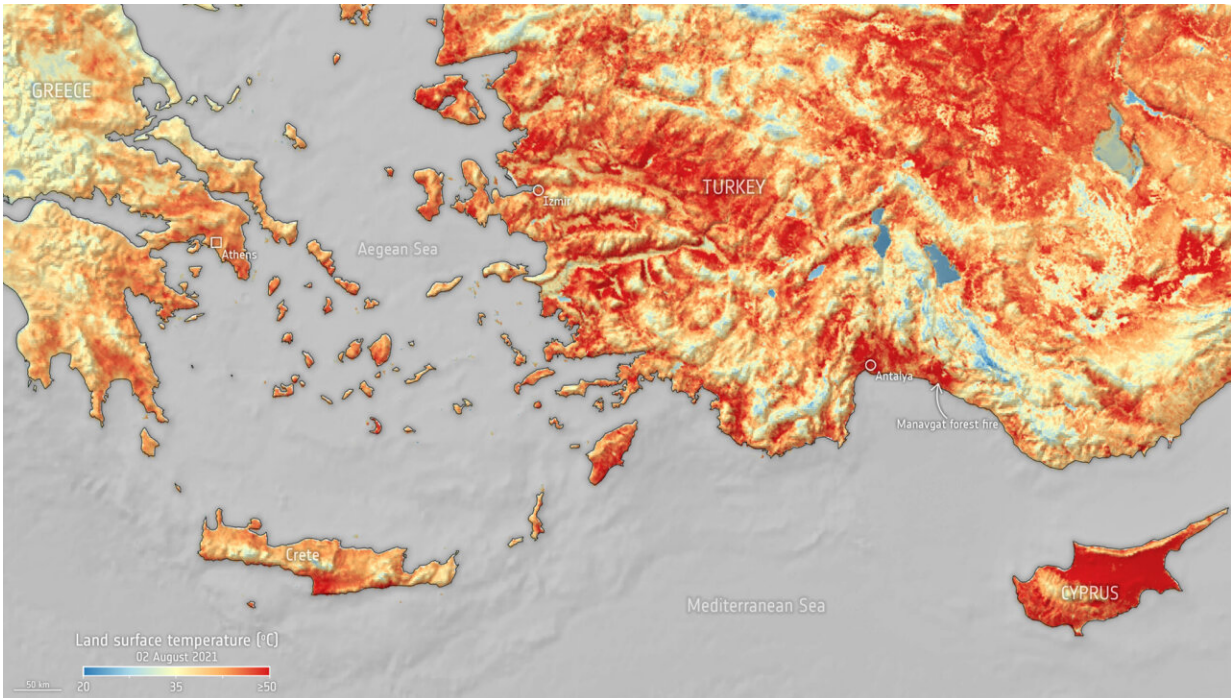


Image: Mediterranean continues to bake

August 4 2021



Credit: contains modified Copernicus Sentinel data (2021), processed by ESA, [CC BY-SA 3.0 IGO](https://creativecommons.org/licenses/by-sa/3.0/)

This map shows the temperature of the land surface on 2 August 2021. It is clear to see that surface temperatures in Turkey and Cyprus have reached over 50°C, again. A map we published on 2 July shows pretty much the same situation. The Mediterranean has been suffering a heatwave for some weeks, leading to numerous wildfires. Turkey, for example, is reported to be amid the country's worst blazes in at least a

decade.

The map here was generated using data from Copernicus Sentinel-3's Sea and Land Surface Temperature Radiometer. While [weather forecasts](#) use predicted air temperatures, this [satellite instrument](#) measures the real amount of energy radiating from Earth—and depicts the real temperature of the land surface.

The Copernicus Sentinel-3 satellites also carry camera-like instruments, which captured smoke billowing from the fires in Turkey on 30 July.

Provided by European Space Agency

Citation: Image: Mediterranean continues to bake (2021, August 4) retrieved 11 July 2024 from <https://phys.org/news/2021-08-image-mediterranean.html>

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