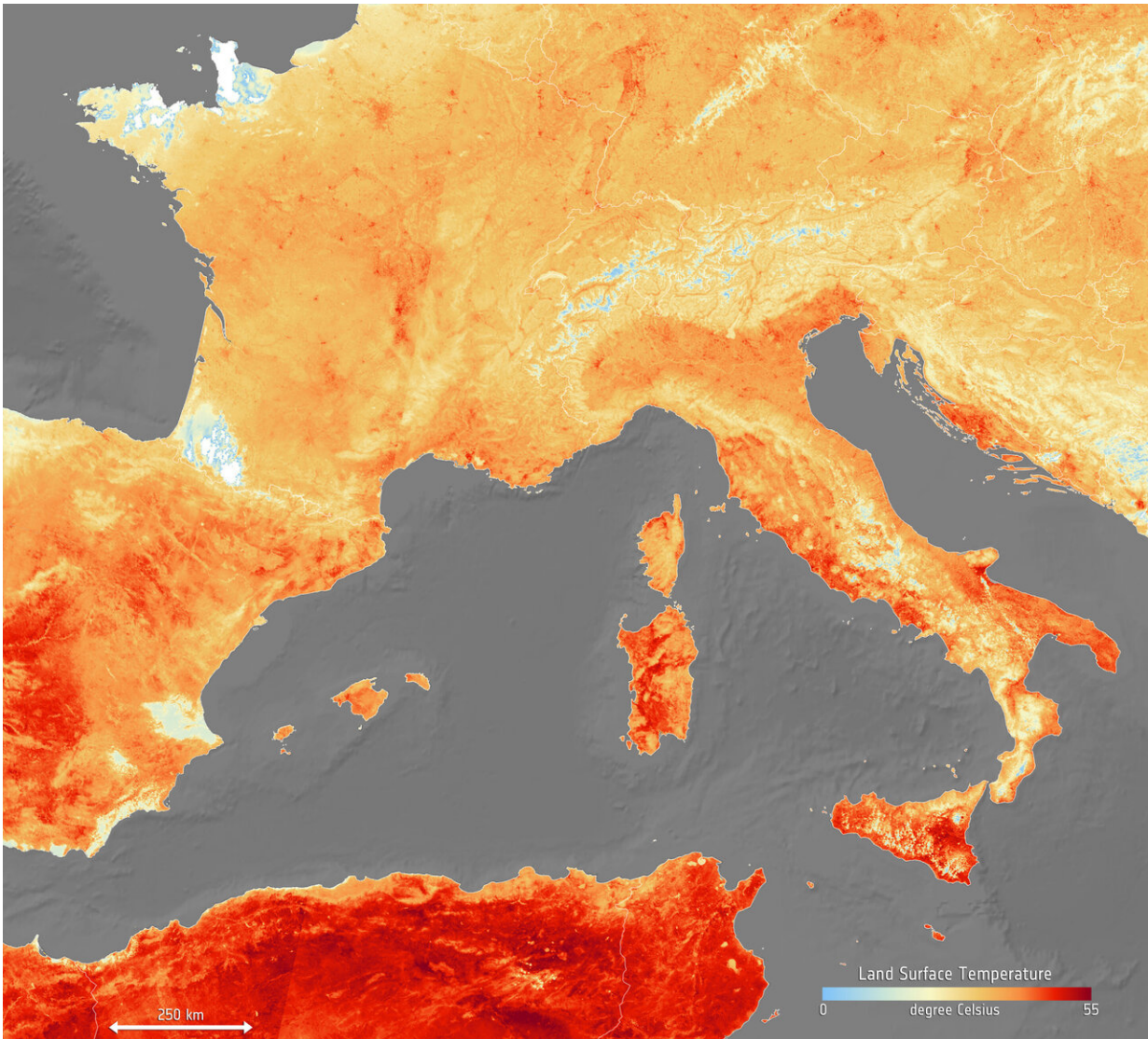


Image: The heat is on across Europe

June 28 2019



Credit: contains modified Copernicus Sentinel data (2019), processed by ESA,
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With some places expecting to be hit with air temperatures of over 40°C in the next days, much of Europe is in the grip of a heatwave—and one that is setting record highs for June. According to meteorologists this current bout of sweltering weather is down to hot air being drawn from north Africa.

This map shows the [temperature](#) of the land on 26 June. It has been generated using information from the Copernicus Sentinel-3's Sea and Land Surface Temperature Radiometer, which measures energy radiating from Earth's surface in nine spectral bands—the map therefore represents temperature of the land surface, not air temperature which is normally used in forecasts. The white areas in the image are where cloud obscured readings of land temperature and the light blue patches are snow-covered areas.

Countries worst hit by this unusual June weather include Spain, France, Germany, Italy and Poland. In many places heat warnings have been issued and cities such as Paris have connected fountains and sprinklers to hydrants to help give people some relief. Wildfires in Catalonia, said to be the worst in two decades, have already ripped across 5000 hectares of land and are being blamed on the heat and strong winds.

Provided by European Space Agency

Citation: Image: The heat is on across Europe (2019, June 28) retrieved 26 April 2024 from <https://phys.org/news/2019-06-image-europe.html>

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