

## Mercator Ocean International: August 15<sup>th</sup> 2024, warmest surface temperature in the Mediterranean Sea

The [Copernicus Marine Service](#), implemented by Mercator Ocean International on behalf of the European Commission with funding from the EU, provides past, present (near-real-time), and future (forecast) data on the global ocean. Mercator Ocean also provides regular reporting on sea [temperatures](#) across the global ocean and regional seas as well as a bulletin providing forecasts of [marine heatwaves](#).

On the 15<sup>th</sup> of August 2024, the Mediterranean Sea saw the hottest day on records for the surface waters with a mean temperature of 28.47 degrees Celsius surpassing the previous record set in July 2023.

Surface temperature have been above 28 degrees Celsius since the 6<sup>th</sup> of August 2024, making this the longest period above this level (see Figure). The 10-day forecast indicates surface temperature will drop slightly yet remaining above 28 degrees Celsius, at levels never reached in previous August or any other months except for a few days in July 2023.

The findings are based on the Copernicus Marine global analysis and forecasting system using the ESA-CCI temperature product for comparison with years before 2021.

