

Intense anticyclone-powered heatwave throughout the Mediterranean Sea

Sentinel-3 SLSTR LST & RBT acquired on 17 July 2023 from 08:05:57 to 10:51:59 UTC
Sentinel-3 SLSTR LST & RBT acquired on 18 July 2023 from 07:42:46 to 10:25:48 UTC
Sentinel-3 SLSTR LST & RBT acquired on 19 July 2023 from 08:15:38 to 10:38:33 UTC

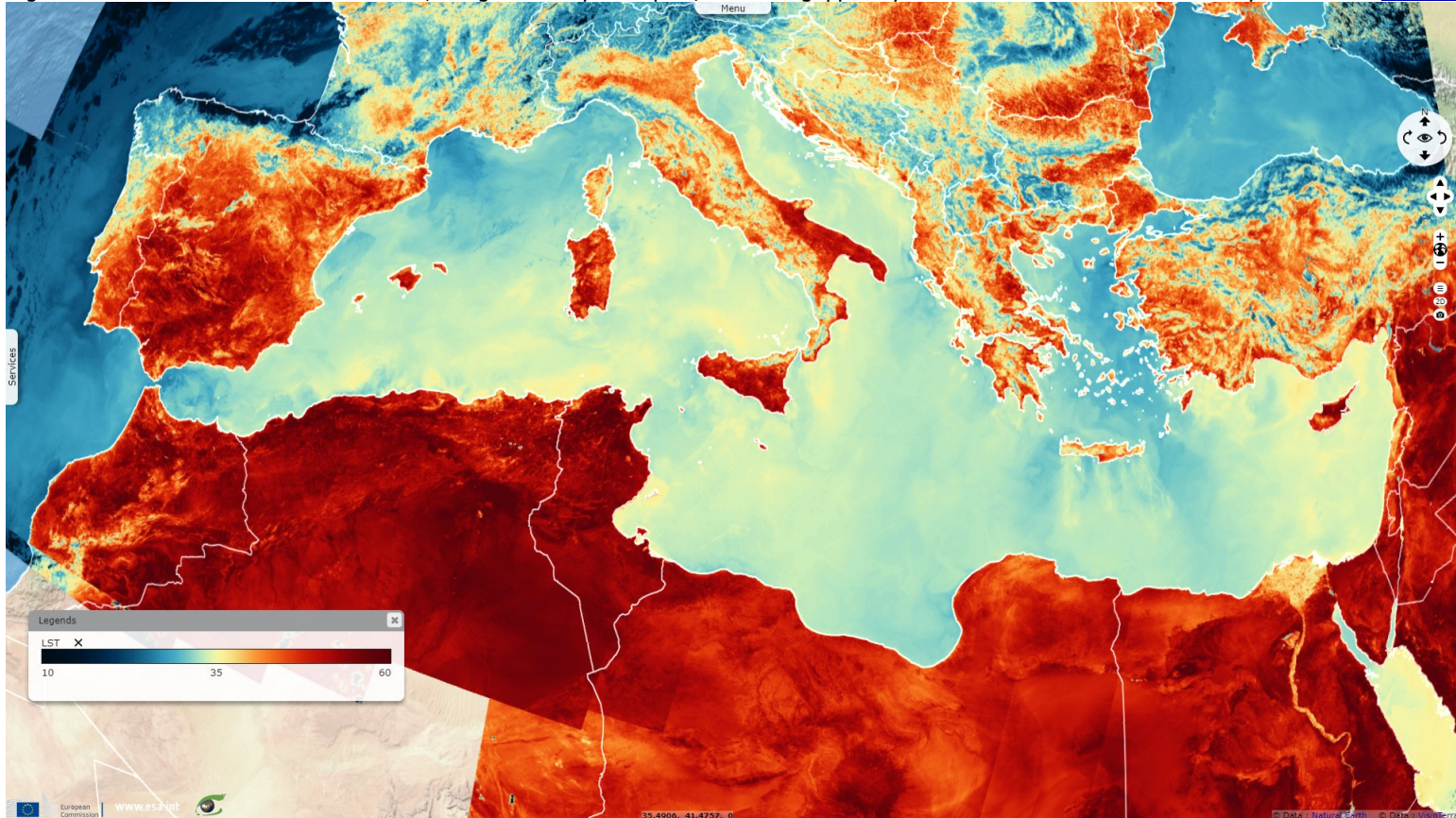
Author(s): Sentinel Vision team, VisioTerra, France - syp@visioterra.fr

Keyword(s): Climate change, weather, heatwave, Spain, Italy, Greece

[2D Layerstack](#)

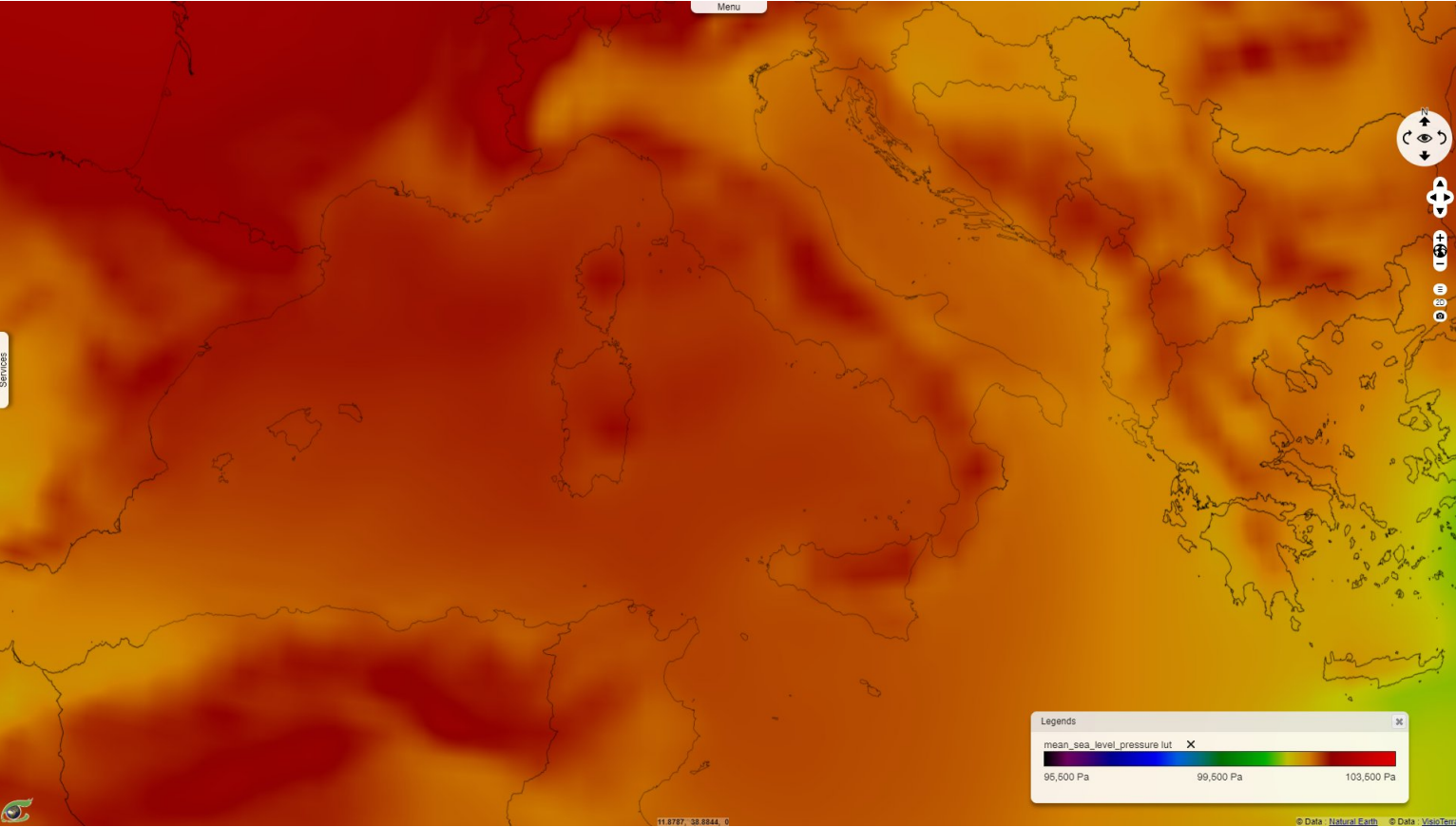
Fig. 1 - S3 SLSTR (17-19.07.2023) - Greece, along with Italy and Spain, has been gripped by a series of heat wave since mid-July.

[3D view](#)















Temperatures have reached and sometimes topped mid-forties in the northern part of the Mediterranean Sea, temperatures more usual on the southern shore of Mediterranean.

Fig. 2 - ERA-5 Mean Sea Level Pressure [17.07.2023] - Following Cerberus, the anticyclone has been named Charon after the ferryman of the Greek underworld [2D View](#).



With the increasing frequency of these anticyclones, it is to fear nicknames related to the realm of Hades will soon run out.

*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
Contains modified Copernicus Sentinel data 2023, processed by VisioTerra.*

More on European Commission space:						
More on ESA:				S-1 website	S-2 website	S-3 website
More on Copernicus program:				SciHub portal	COP Hub portal	In the Hub portal Col Hub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal CryoSat portal