

Storm Gloria hits north-west Mediterranean coasts

Sentinel-1 CSAR IW acquired on **15 January 2020** from 06:00:55 to 06:01:45 UTC

Sentinel-1 CSAR IW acquired on **16 January 2020** from 05:51:56 to 05:52:21 UTC

Sentinel-1 CSAR IW acquired on **21 January 2020** from 05:59:59 to 06:01:14 UTC

Sentinel-1 CSAR IW acquired on **22 January 2020** from 05:52:46 to 05:53:11 UTC

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

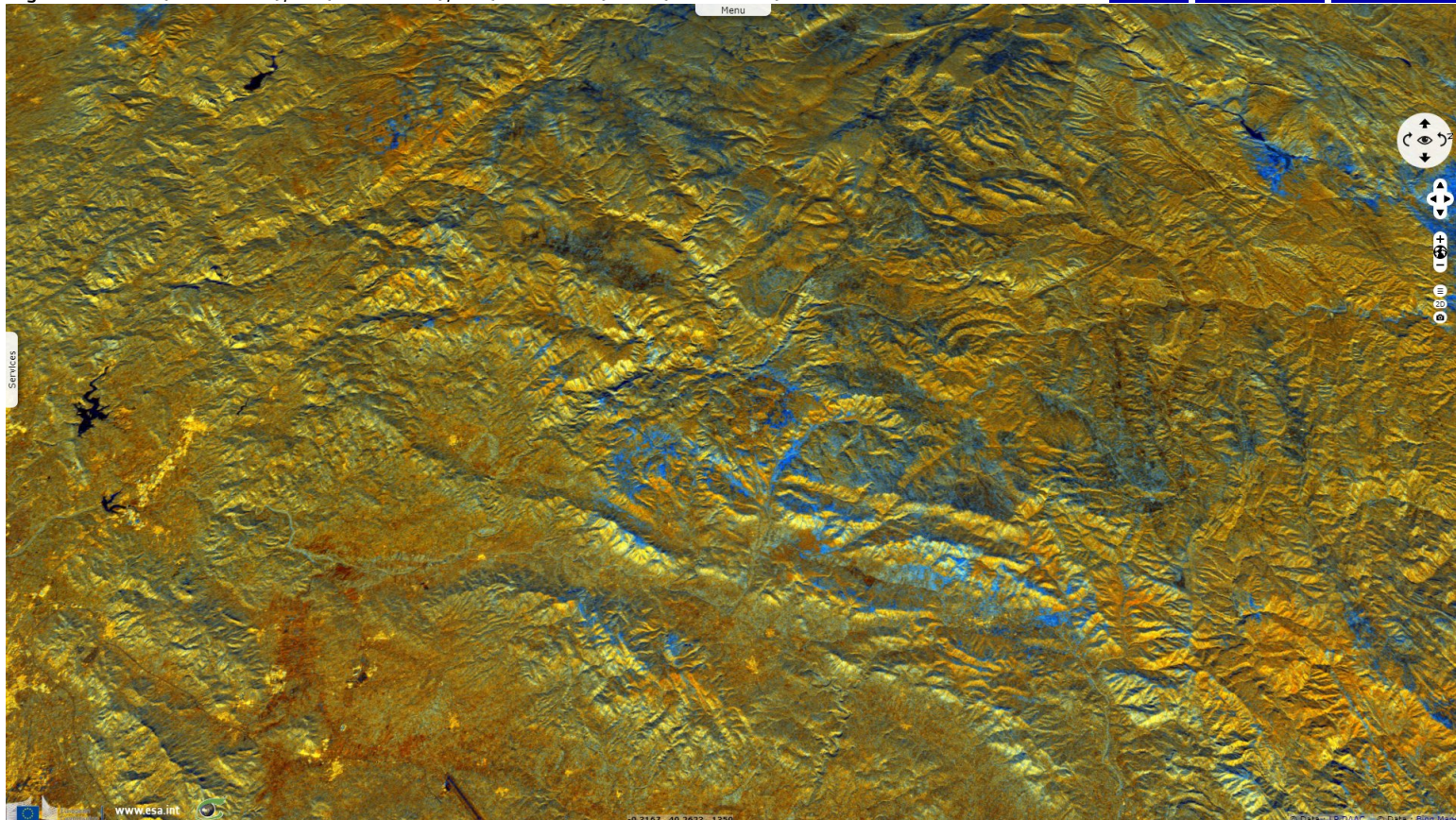
Keyword(s): Emergency, natural disaster, precipitations, rain, snow, flood, Spain, France, Mediterranean Sea



[2D Layerstack](#)

Fig. 1 - S1 - vv [21.01.2020], vv [15.01.2020], vv [15.01.2020] - vv [21.01.2020] - Floods in Sierra de Gúdar

[2D view](#) [2D animation](#) [3D animation](#)



Storm Gloria brought heavy rain & snow precipitations in N-E Spain & French Occitanie. Flooded areas show in blue, snow precipitations in green.

Fig. 2 - The worst of the flooding happened in the mountainous area at the southern reaches of the Ebro basin.

[2D view](#) [2D animation](#) [3D animation](#)

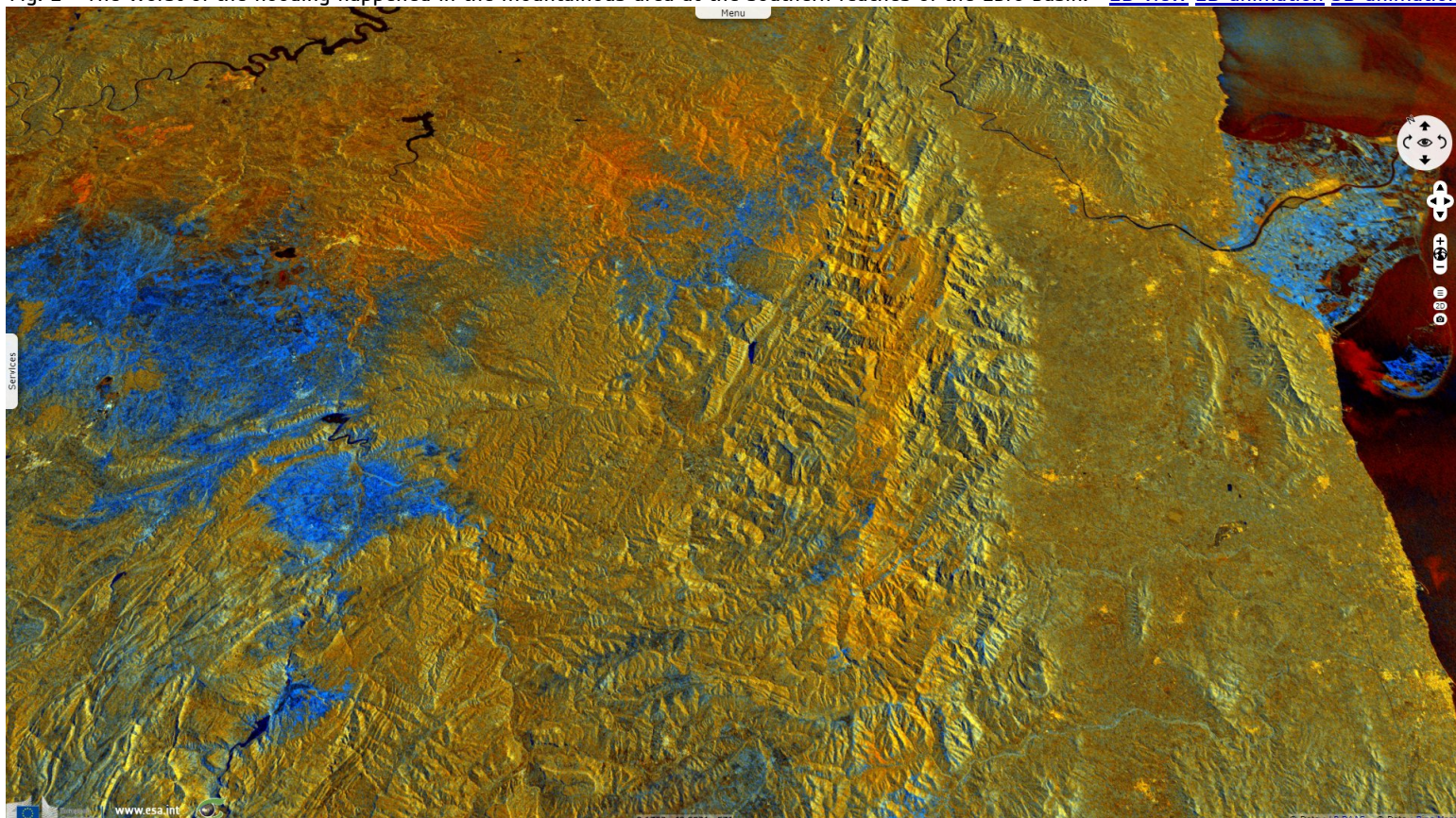


Fig. 3 - vv (22.01.2020), vv (16.01.2020), vv (16.01.2020) - vv (22.01.2020) - Heavy snowfalls in the Pyrenees. [2D view](#) [2D animation](#) [3D animation](#)

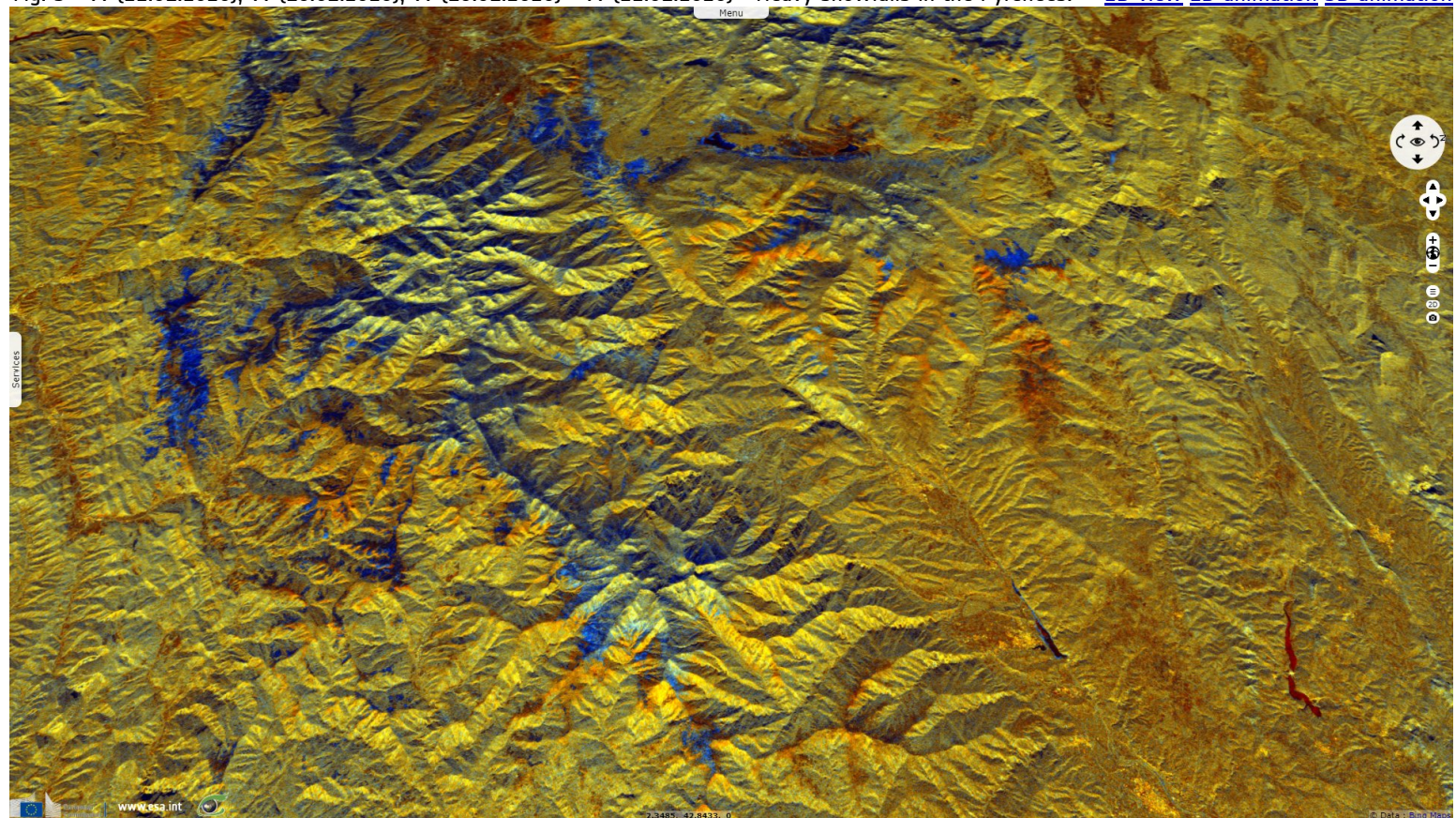
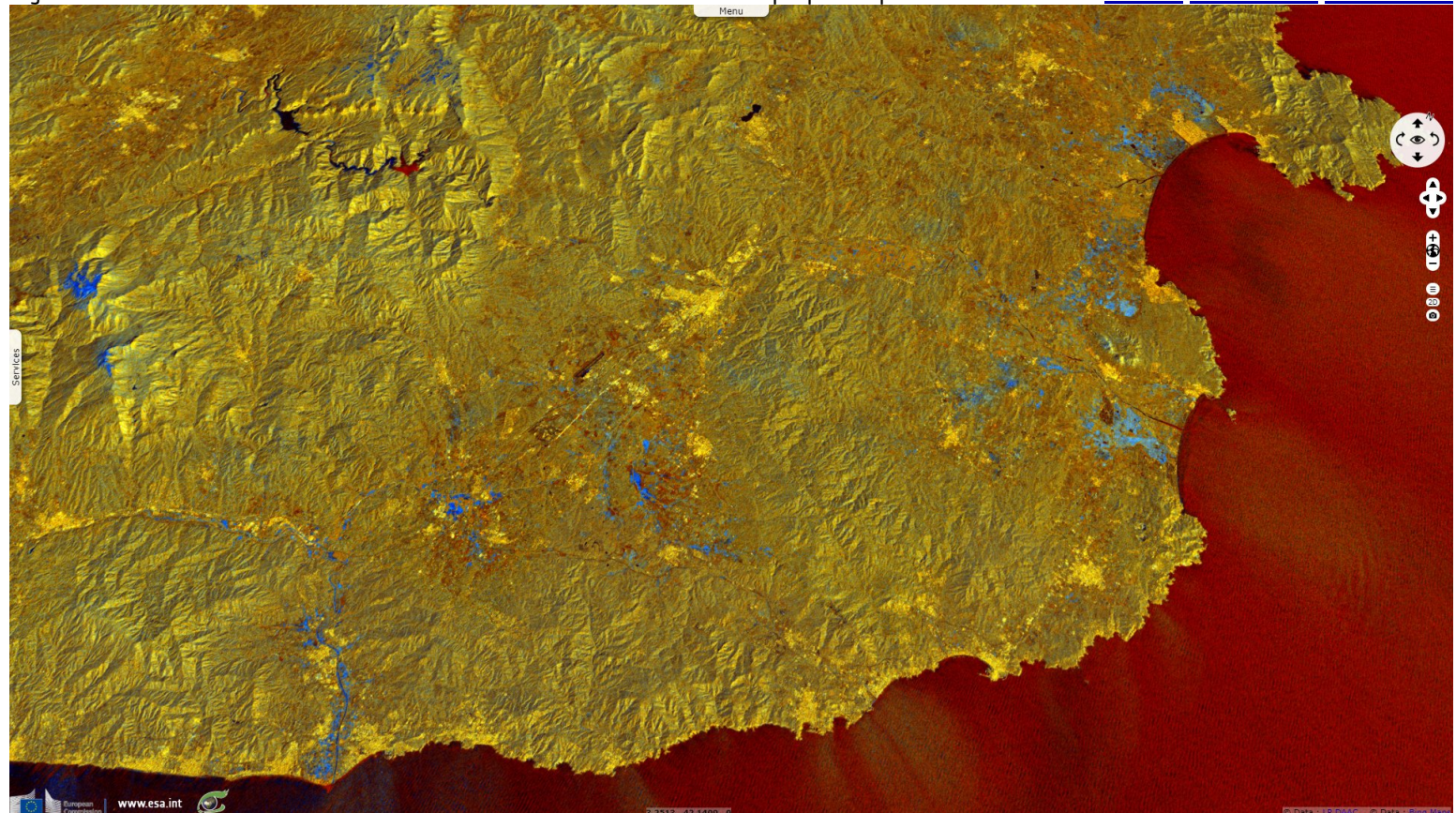


Fig. 4 - Coastal rivers flooded in the north of Catalonia. Gloria killed at least 11 people in Spain. [2D view](#) [2D animation](#) [3D animation](#)



*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 2019, 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	Cophub portal	Inthub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal
					CryoSat portal	