

Heavy rainfalls in New South Wales coasts, Australia

Sentinel-3 SLSTR acquired on 19 March 2021

...

Sentinel-1 CSAR acquired on 19 March 2021

Sentinel-3 OLCI acquired on 23 March 2021

Sentinel-1 CSAR acquired on 24 March 2021

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

Keyword(s): Flooding, precipitations, emergency, river, hydrology, water colour, sediment plume, Australia.

Fig. 1 - S3 SLSTR (19.03.2021) - Hundreds of rescues have been operated after days of heavy rain flooded eastern New South Wales, Australia. [2D Animation](#) [2D View](#)

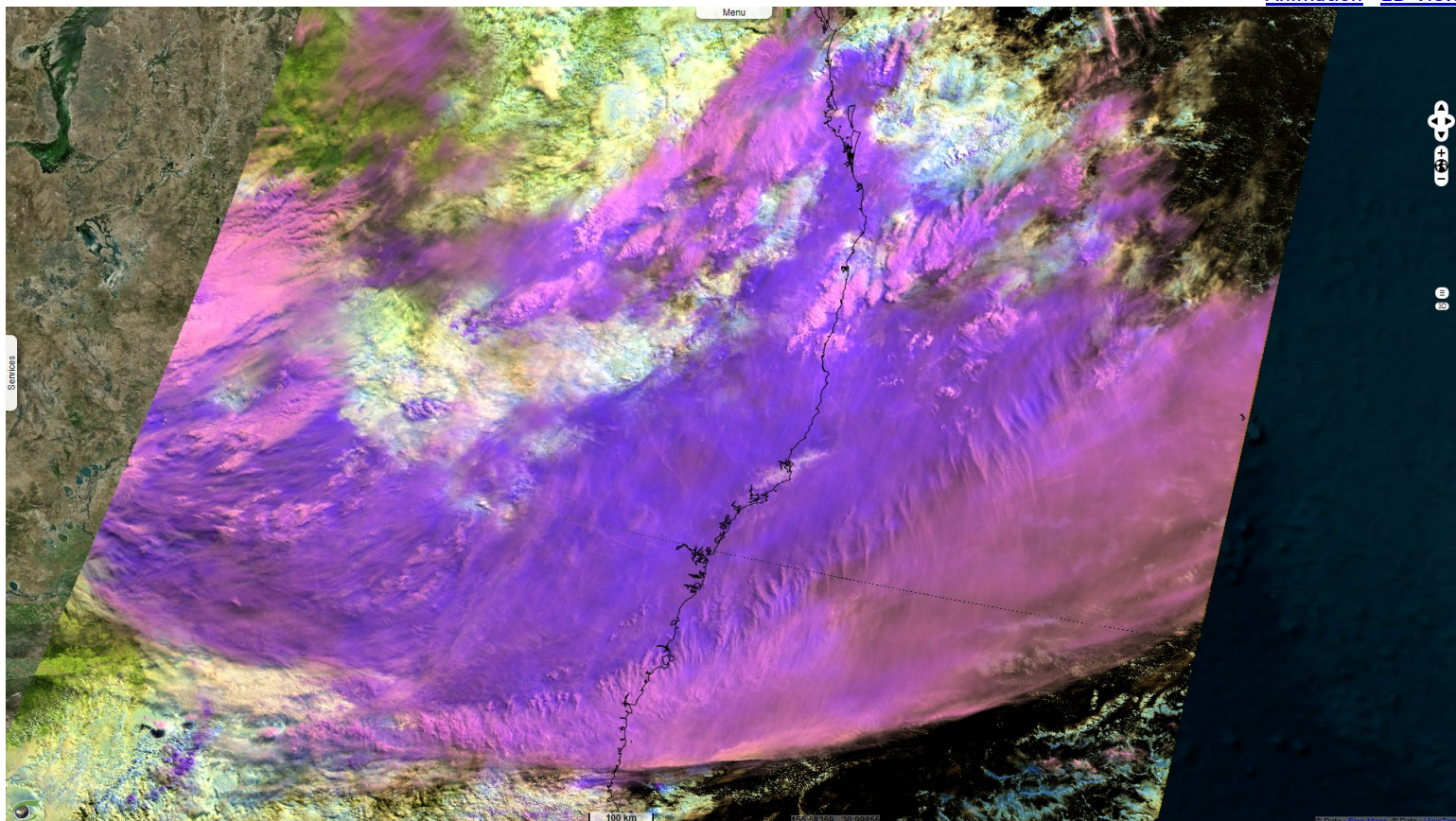


Fig. 2 - S1 (28.02.2021 & 07.03.2021) - View before the flood. Fast-flowing water have damaged roads, broken down trees & swept away houses. [2D](#) [View](#)

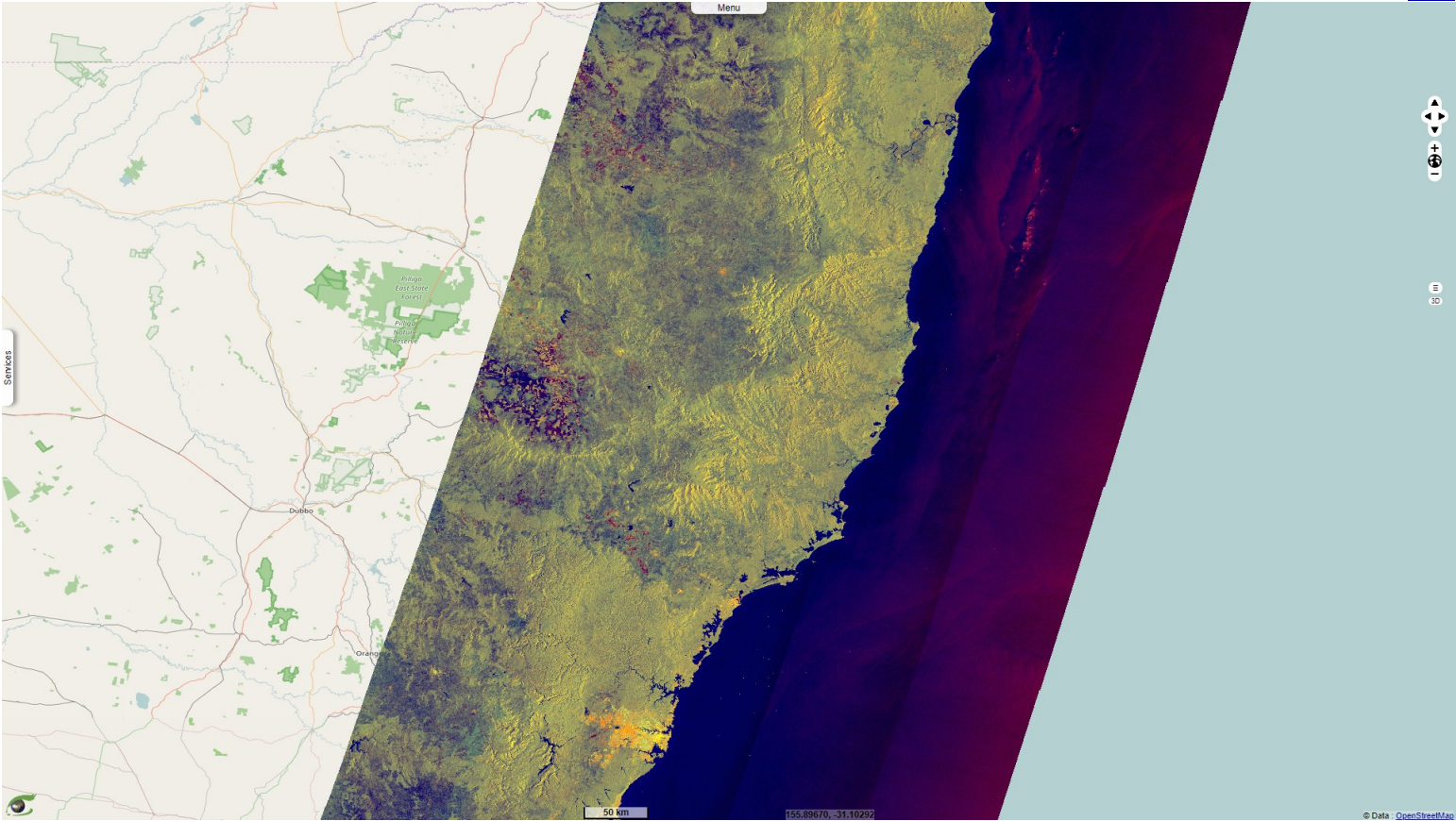


Fig. 3 - S1 (19.03.2021 & 24.03.2021) - Emergency services estimate hundreds of houses have been damaged. [2D Animation](#) [2D View](#)

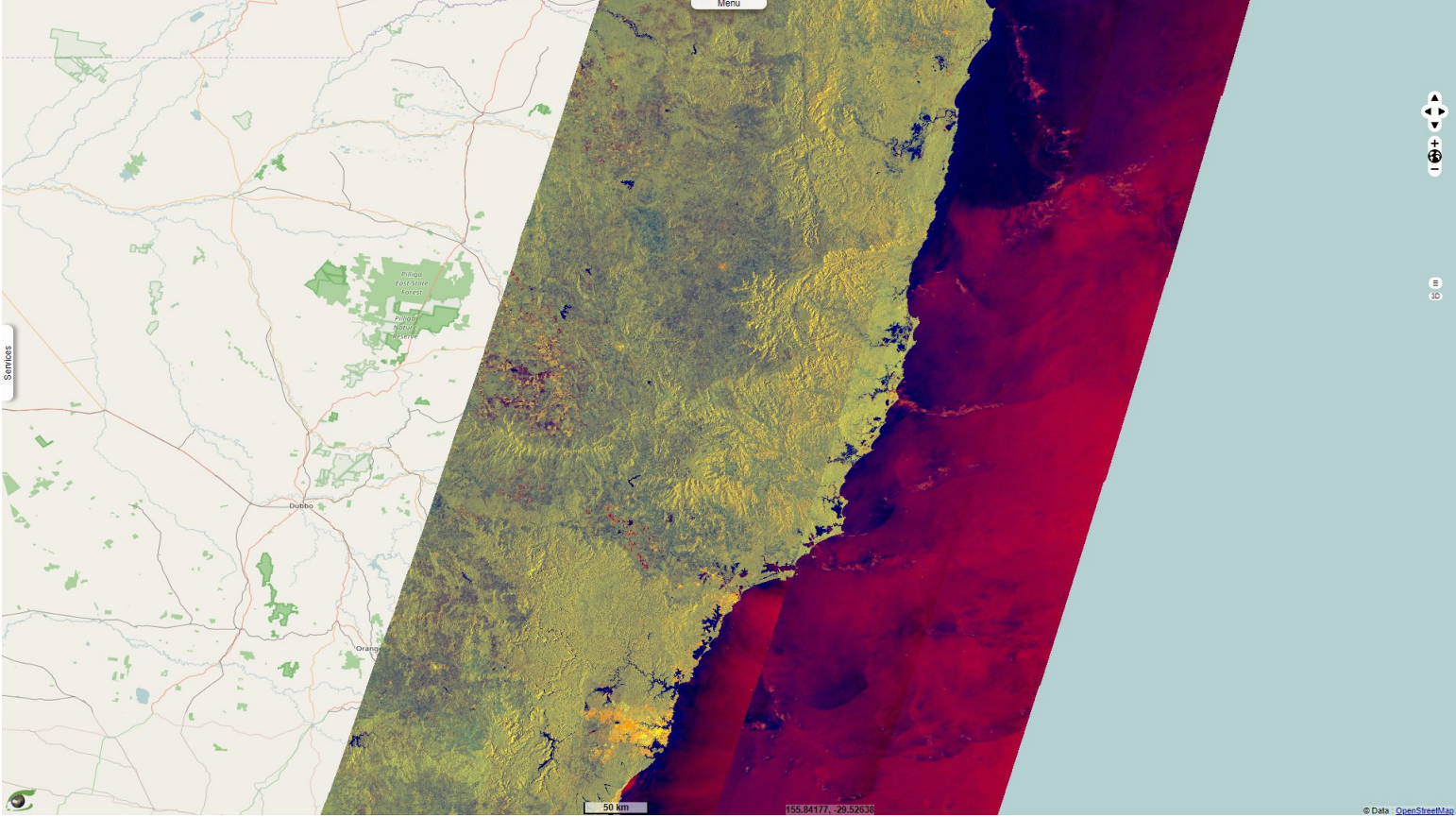


Fig. 4 - S1 (from 28.02.2021 to 24.03.2021) - In 48 hours to 20 March, over 560 mm of rain have been recorded in some coastal localities. [2D View](#)

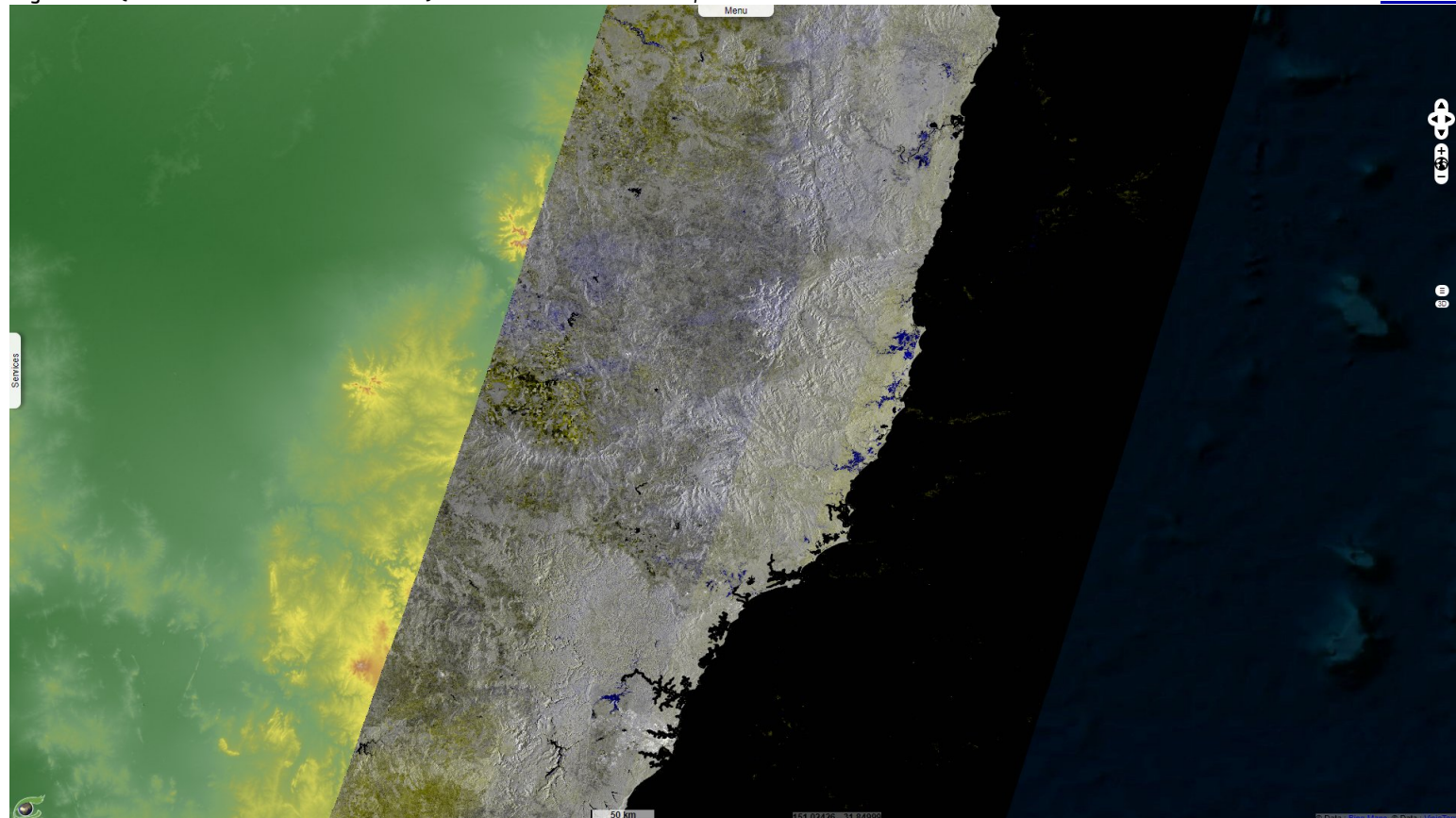
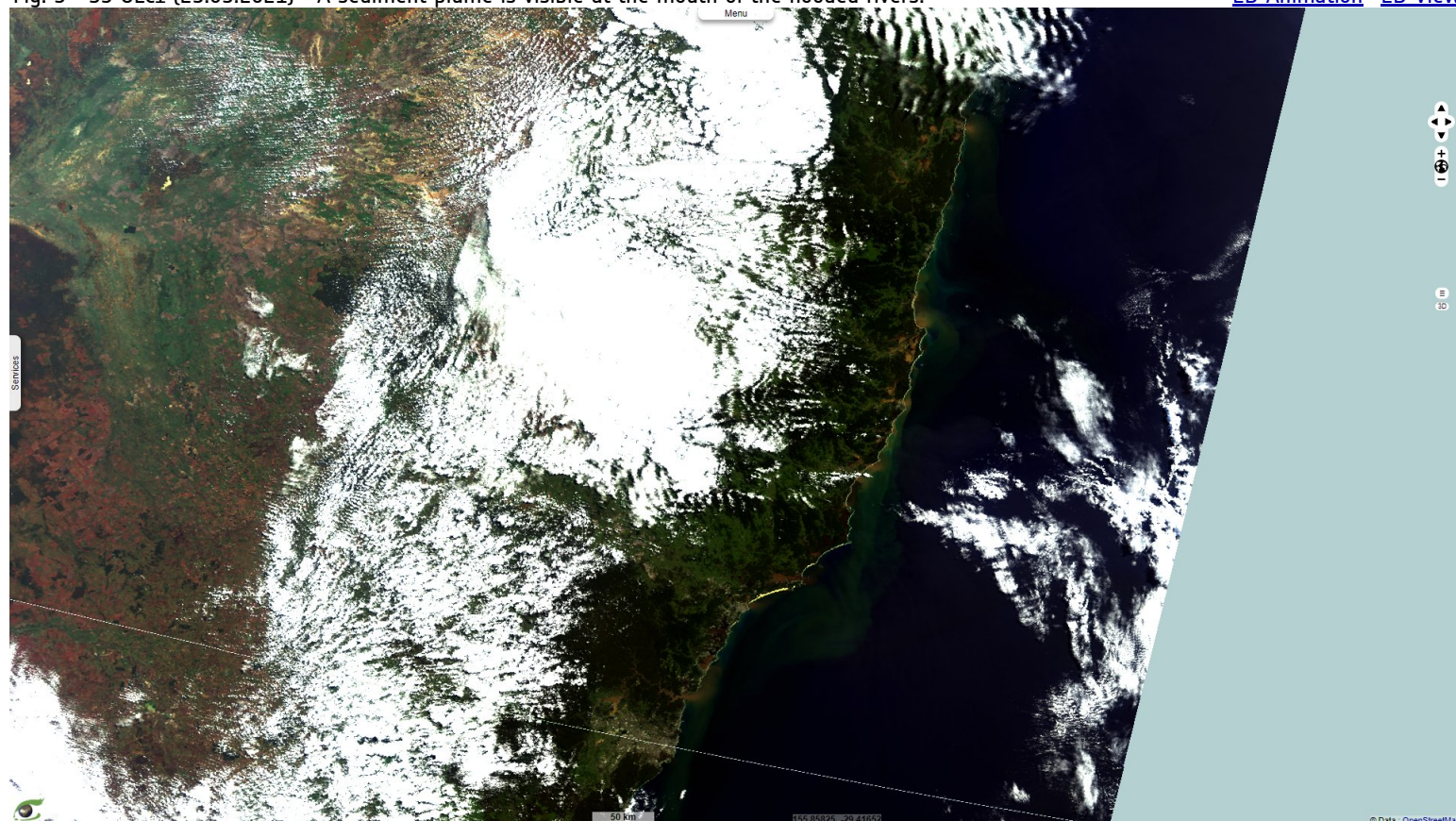


Fig. 5 - S3 OLCI (23.03.2021) - A sediment plume is visible at the mouth of the flooded rivers. [2D Animation](#) [2D View](#)



*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 2021, 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		