

Otis, the strongest landfalling Pacific hurricane on record

Sentinel-3 OLCI FR acquired on 22 October 2023 and 24 October 2023
Sentinel-3 SLSTR RBT acquired on 23 October 2023 and 25 October 2023

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[2D Layerstack](#)

Fig. 1 - S3 OLCI (22.10.2023) - Natural colour - The storm formed off the coast of Mexico. It was classified as a tropical storm on 22.10.2023. [2D view](#)

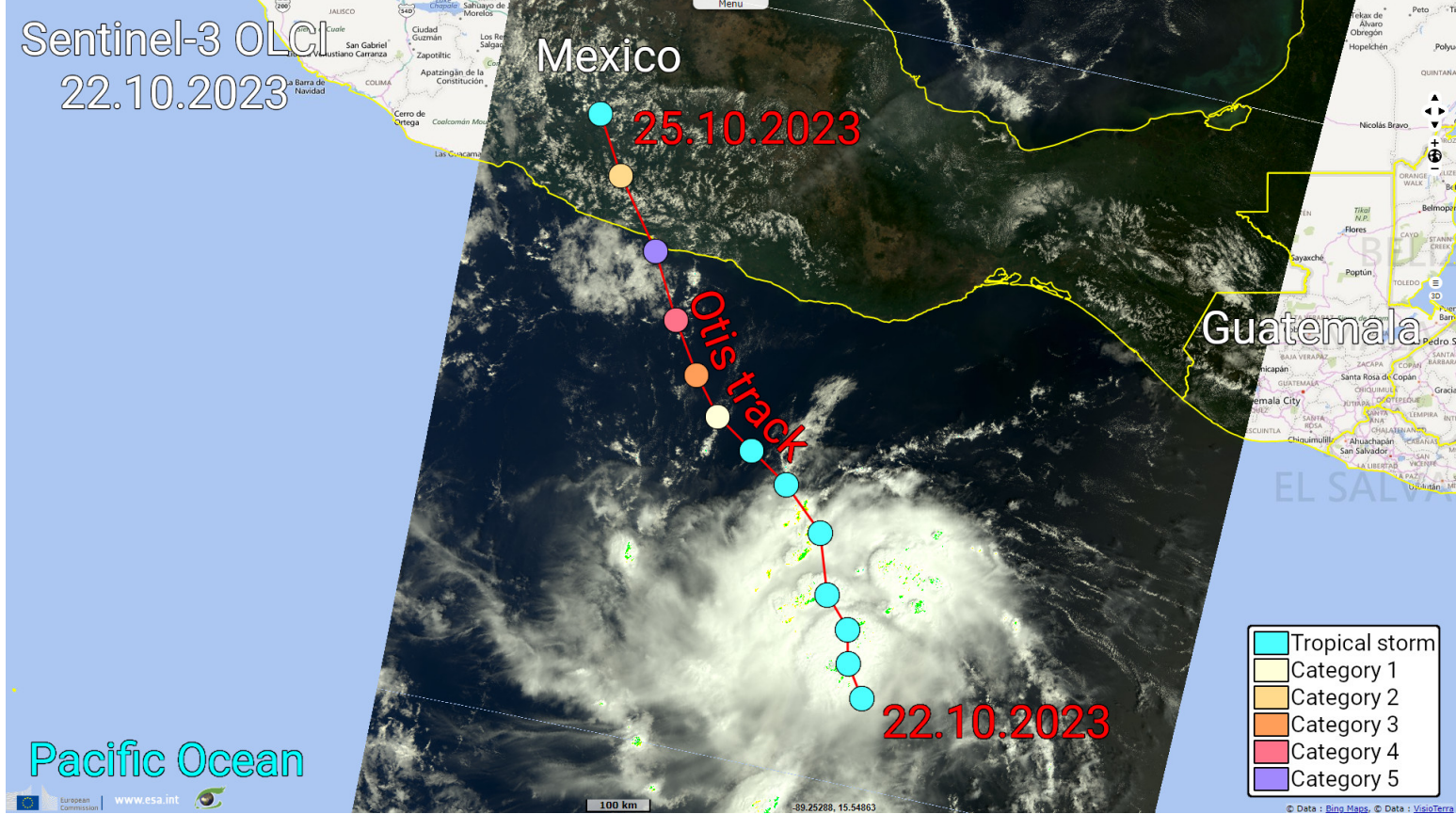


Fig. 2 - S3 SLSTR (23.10.2023) - Thermal band - The tropical storm moved northward, threatening the southern coast of Mexico. [2D view](#)

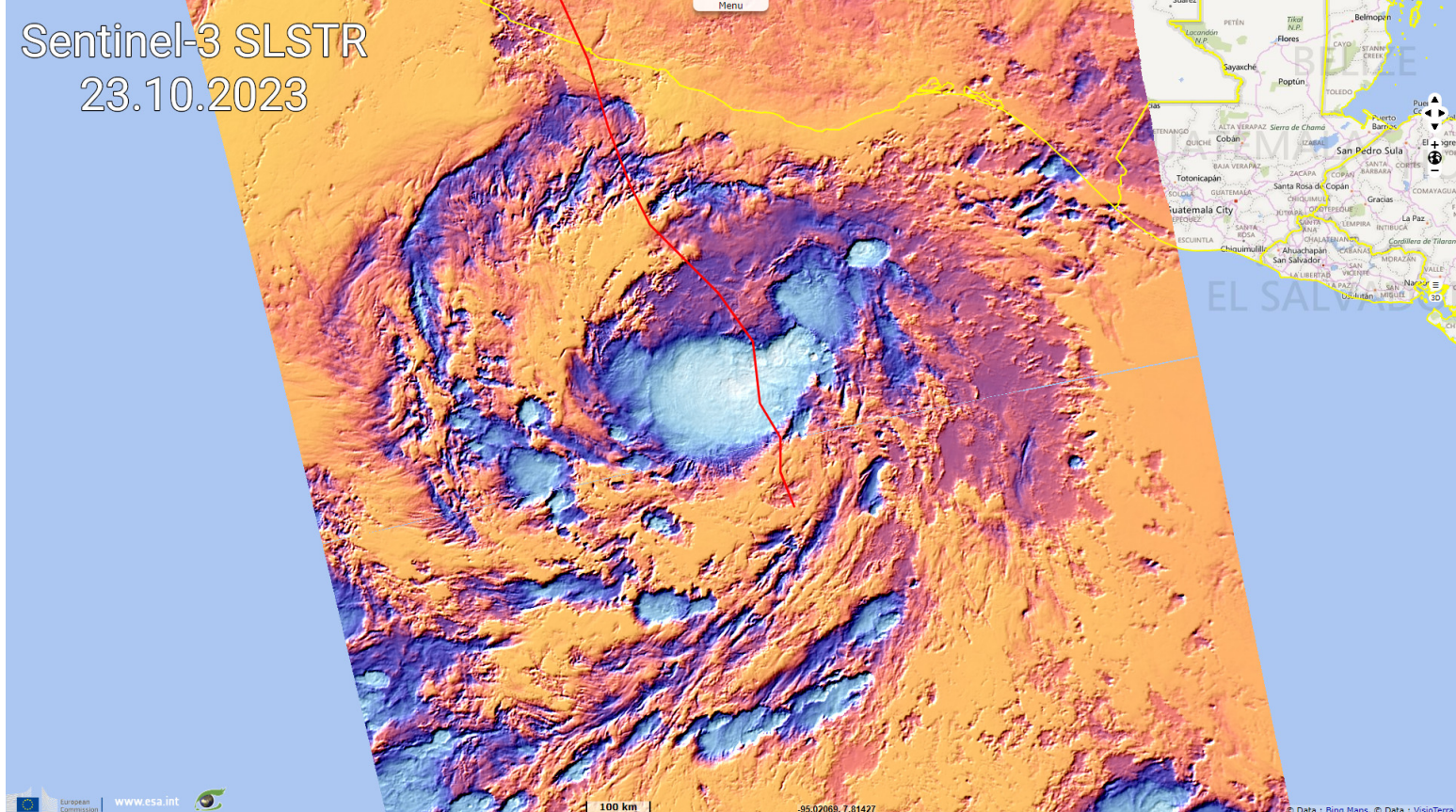


Fig. 3 - S3 OLCI (24.10.2023) - The storm became a Cat.1 hurricane within 24 hours then quickly evolved to Cat.3 within half a day.

[2D view](#)

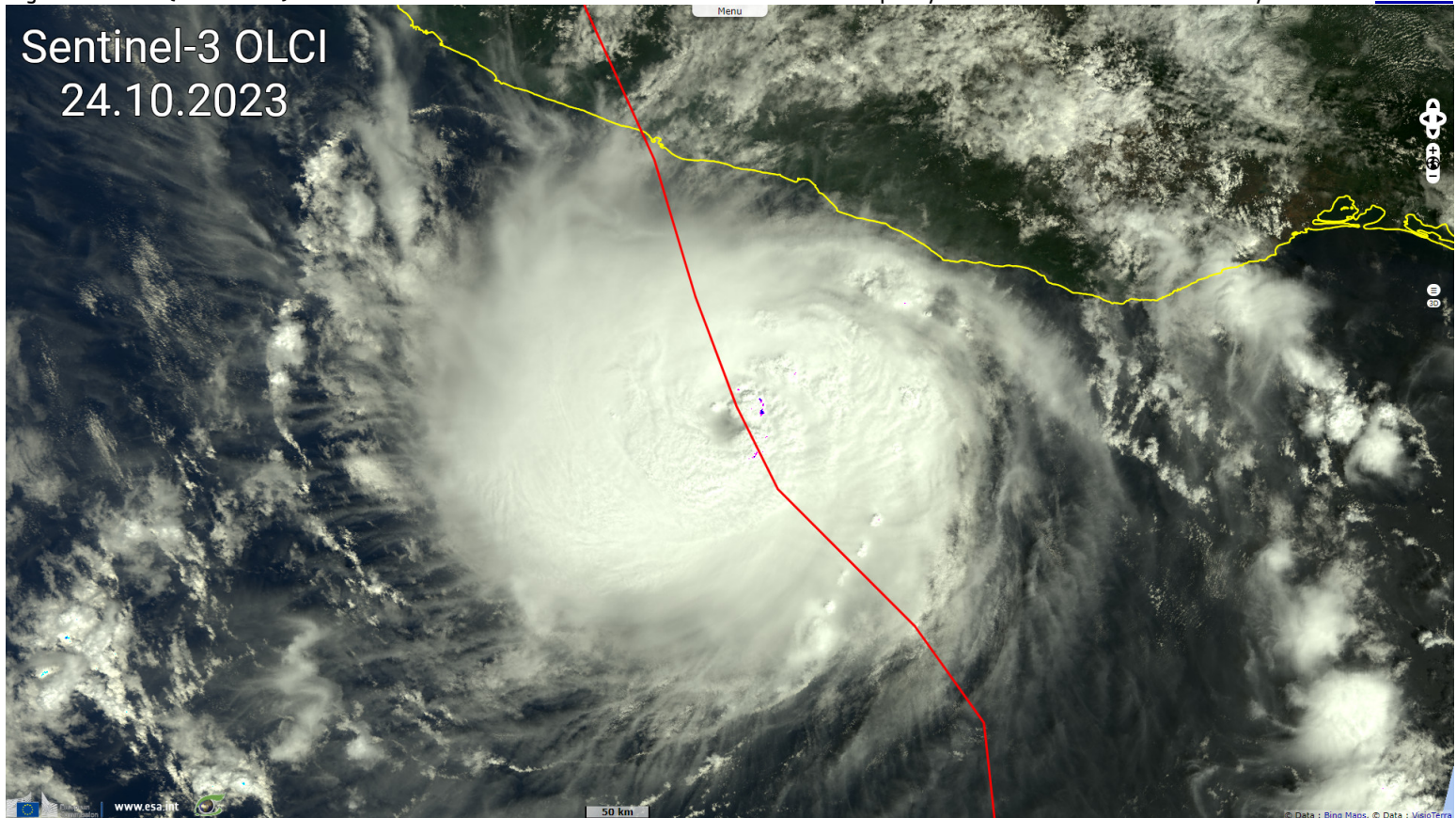
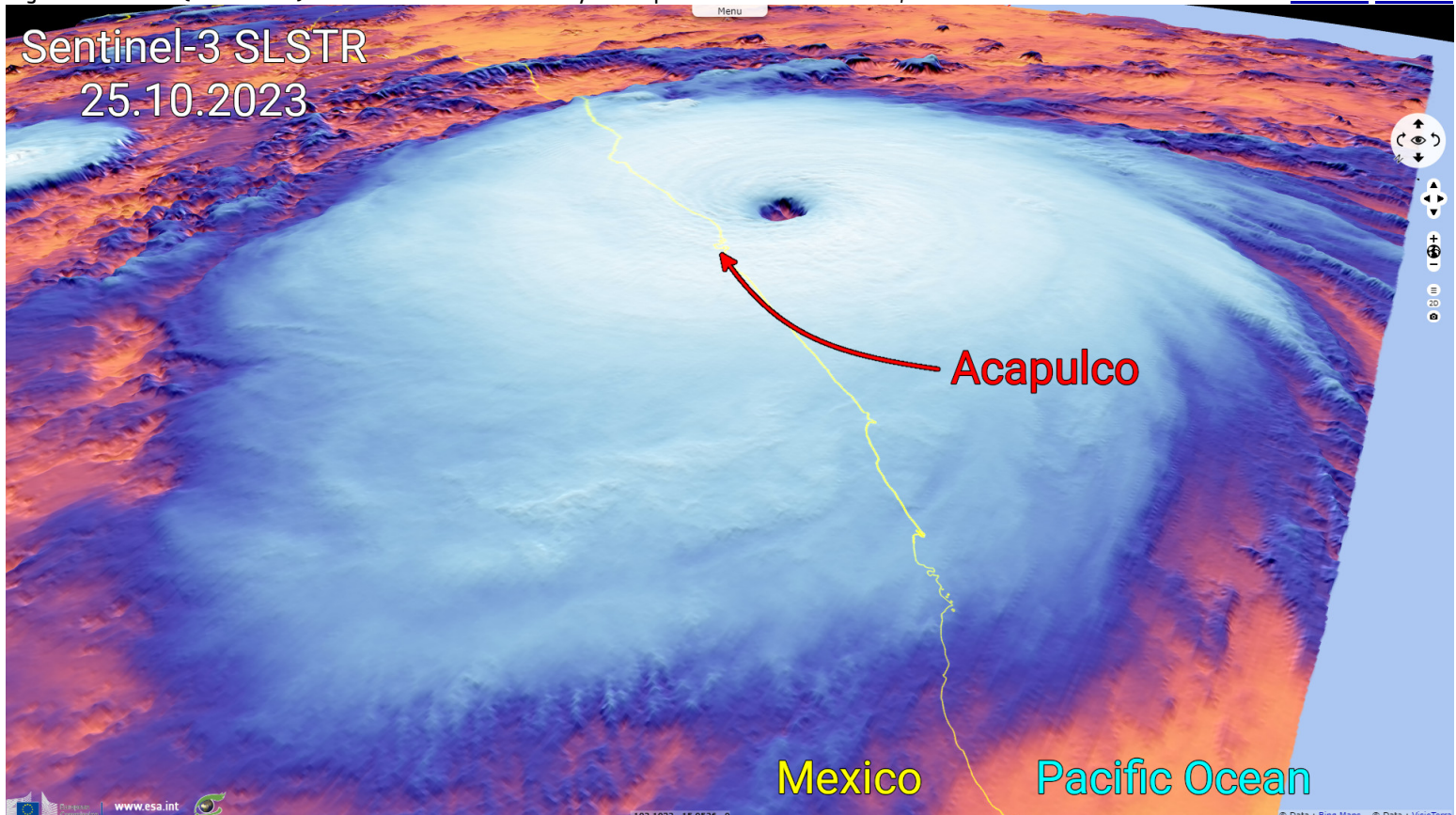


Fig. 4 - S3 SLSTR (25.10.2023) - Otis hit Mexico and the city of Acapulco as a Cat.5 hurricane, with winds of 268 km/h.

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



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