

Cyclone Mekunu

Sentinel-3 OLCI FR & SLSTR RBT acquired on **22 May 2018** from 06:26:14 to 06:29:22 UTC

Sentinel-3 SLSTR RBT acquired on **23 May 2018** from 06:00:11 to 06:03:11 UTC

Sentinel-3 SLSTR RBT acquired on **23 May 2018** from 18:43:05 to 18:46:05 UTC

Sentinel-3 SLSTR RBT acquired on **24 May 2018** from 18:16:54 to 18:19:54 UTC

Sentinel-3 OLCI FR acquired on **26 May 2018** from 06:19:30 to 06:22:30 UTC

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Keyword(s): Natural disaster, emergency, atmosphere, clouds, sea surface temperature, Oman, Yemen, Indian Ocean

[3D Layerstack](#)

Fig. 1 - S3 OLCI (22.05.2018) - 21,9,1 colour composite - Just after Sagar, cyclone Mekunu also followed an unusual path.

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

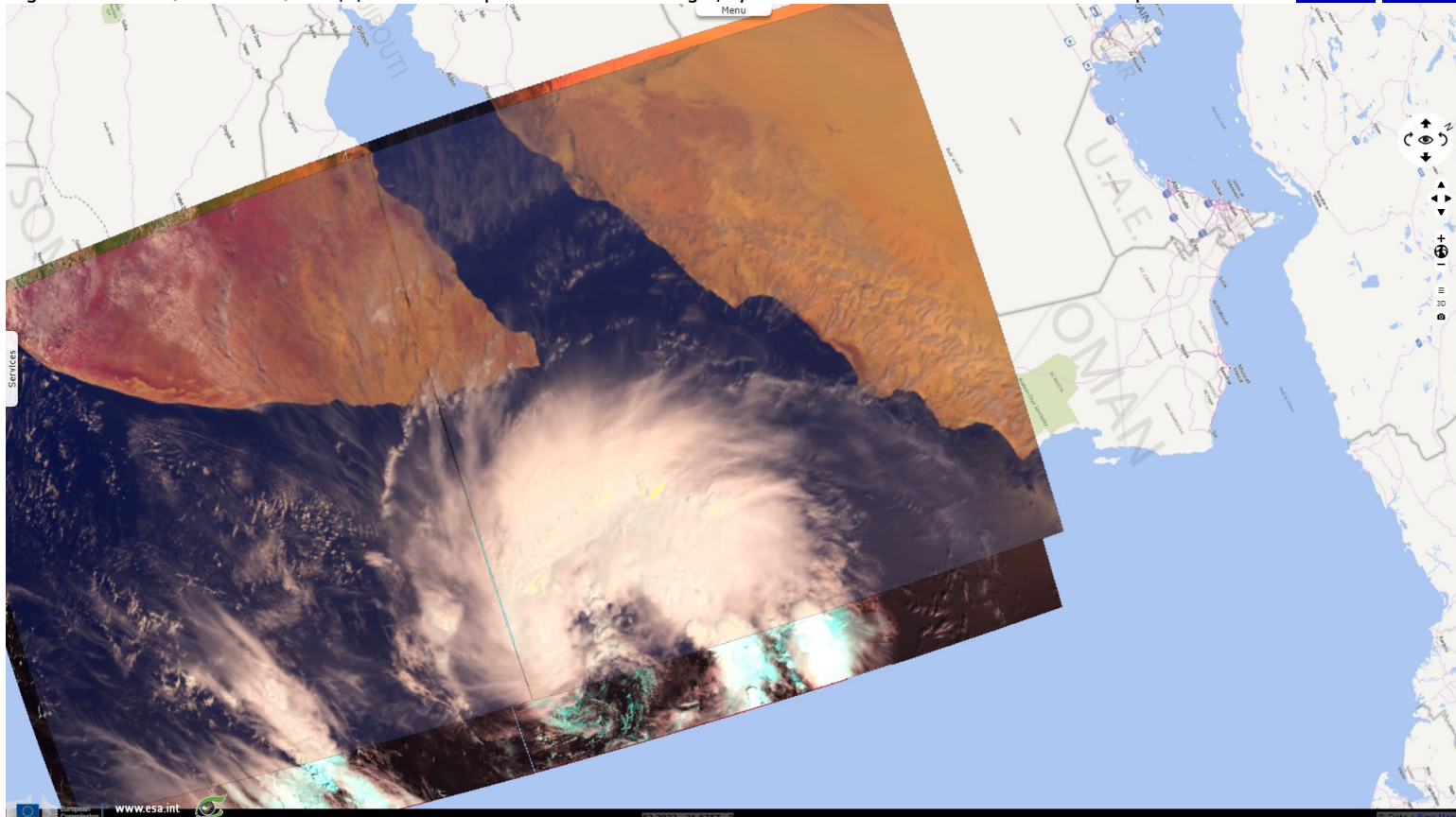


Fig. 2 - S3 SLSTR (23.05.2018 06:00) - S6,S3,S1 colour composite - It was the 3rd cat-3 cyclone to hit Arabian Peninsula since 1960

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

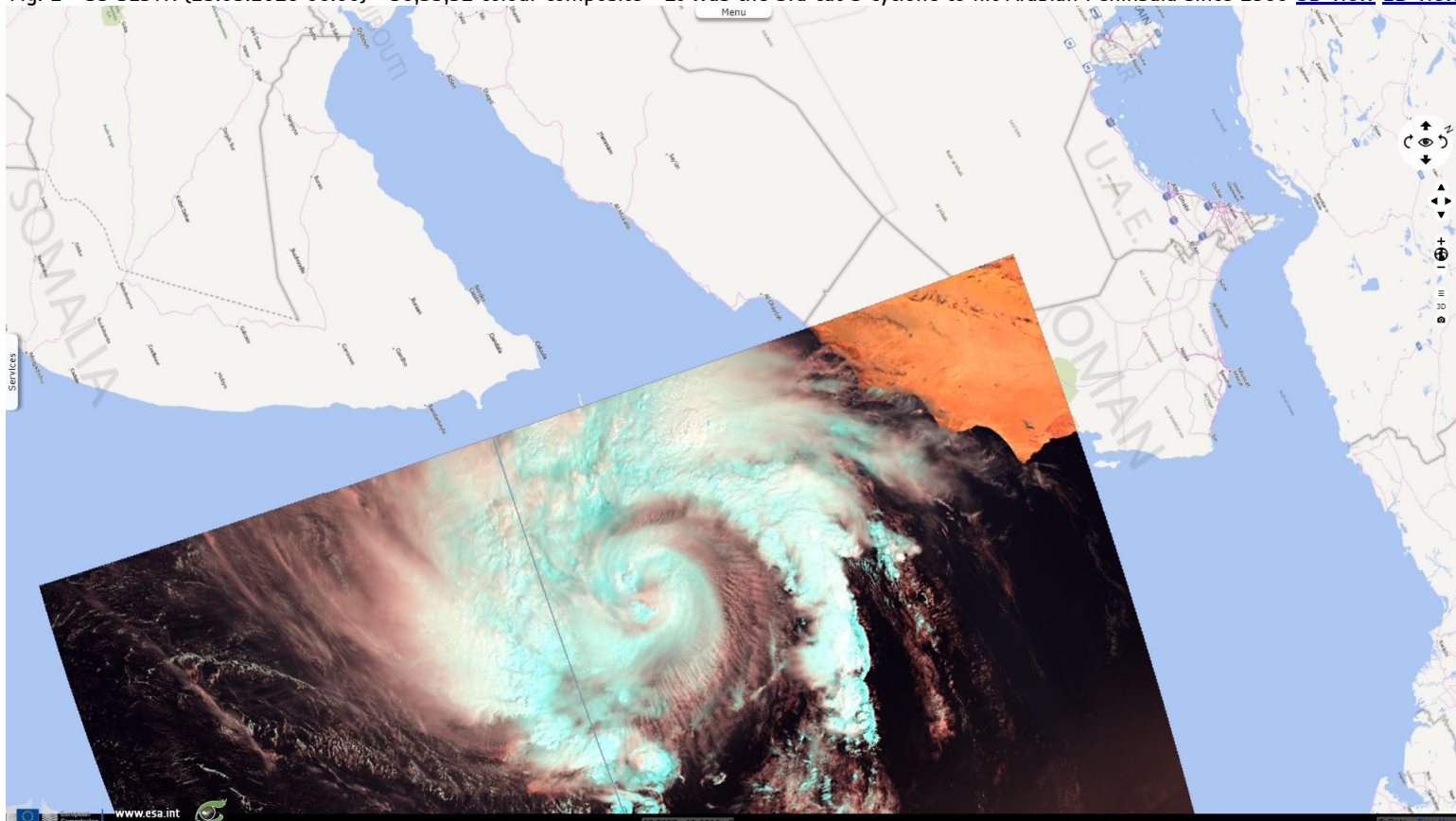


Fig. 3 - S3 SLSTR (23.05.2018 18:00) - S8 thermal band with colour map - Mekunu strengthening in NW Indian Ocean

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

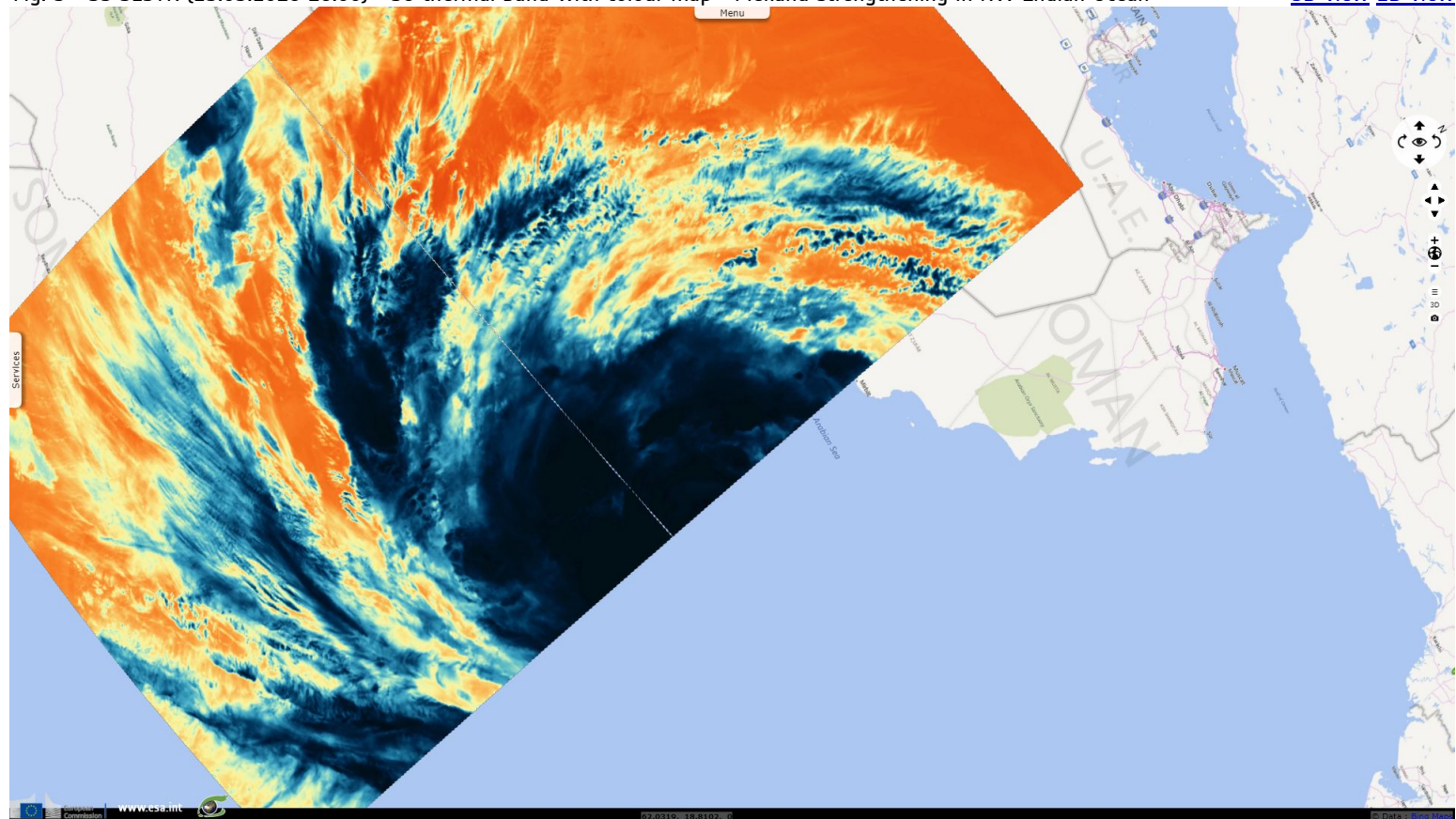


Fig. 4 - S3 SLSTR (24.05.2018) - S8 thermal band with colour map - Mekunu as a cat-3 cyclone, just before hitting the land.

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

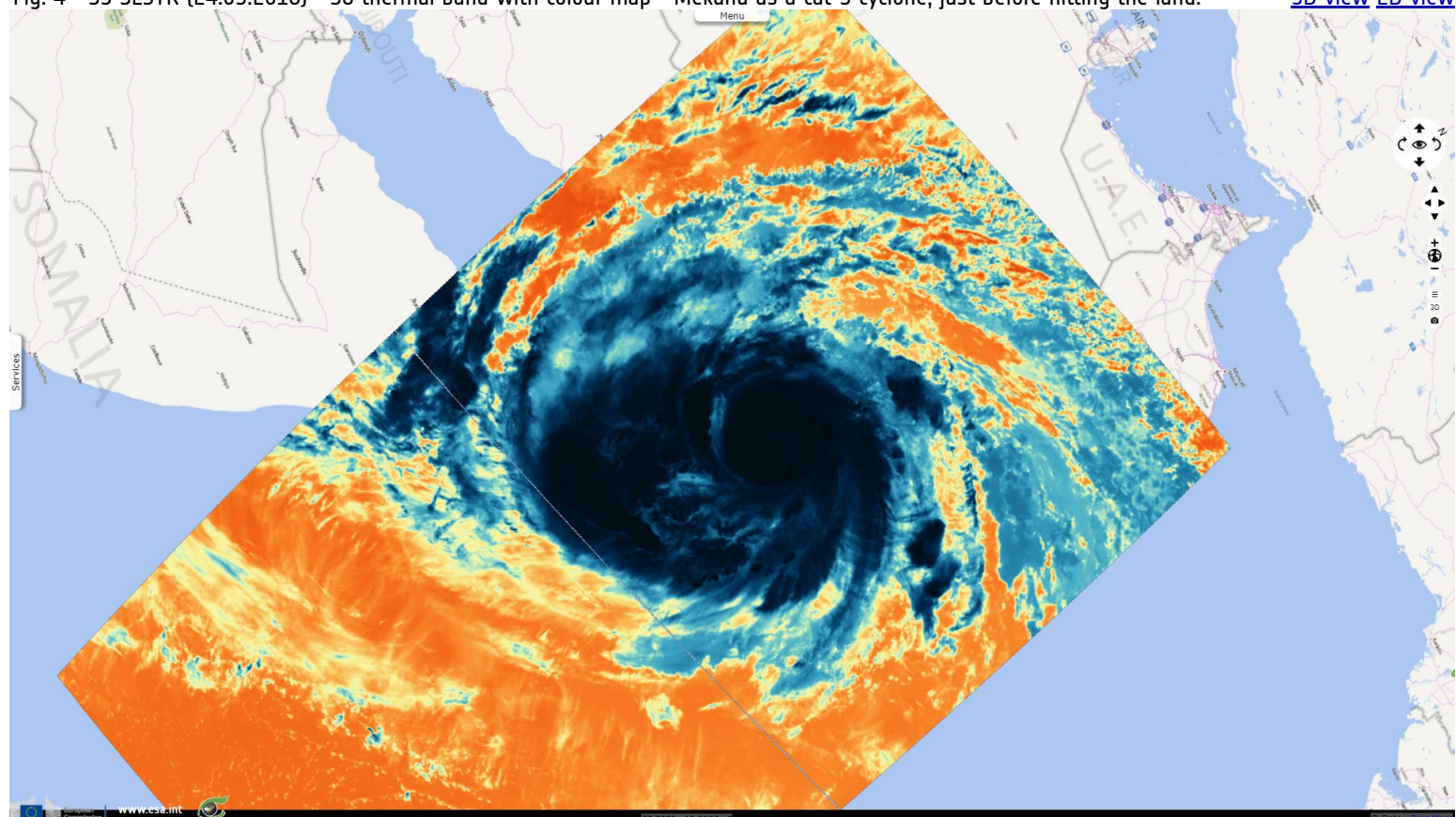


Fig. 5 - S3 SLSTR (24.05.2018) - S8 thermal band with colour map - Same image with another colour map & a local Digital Elevation Model. [3D view](#)

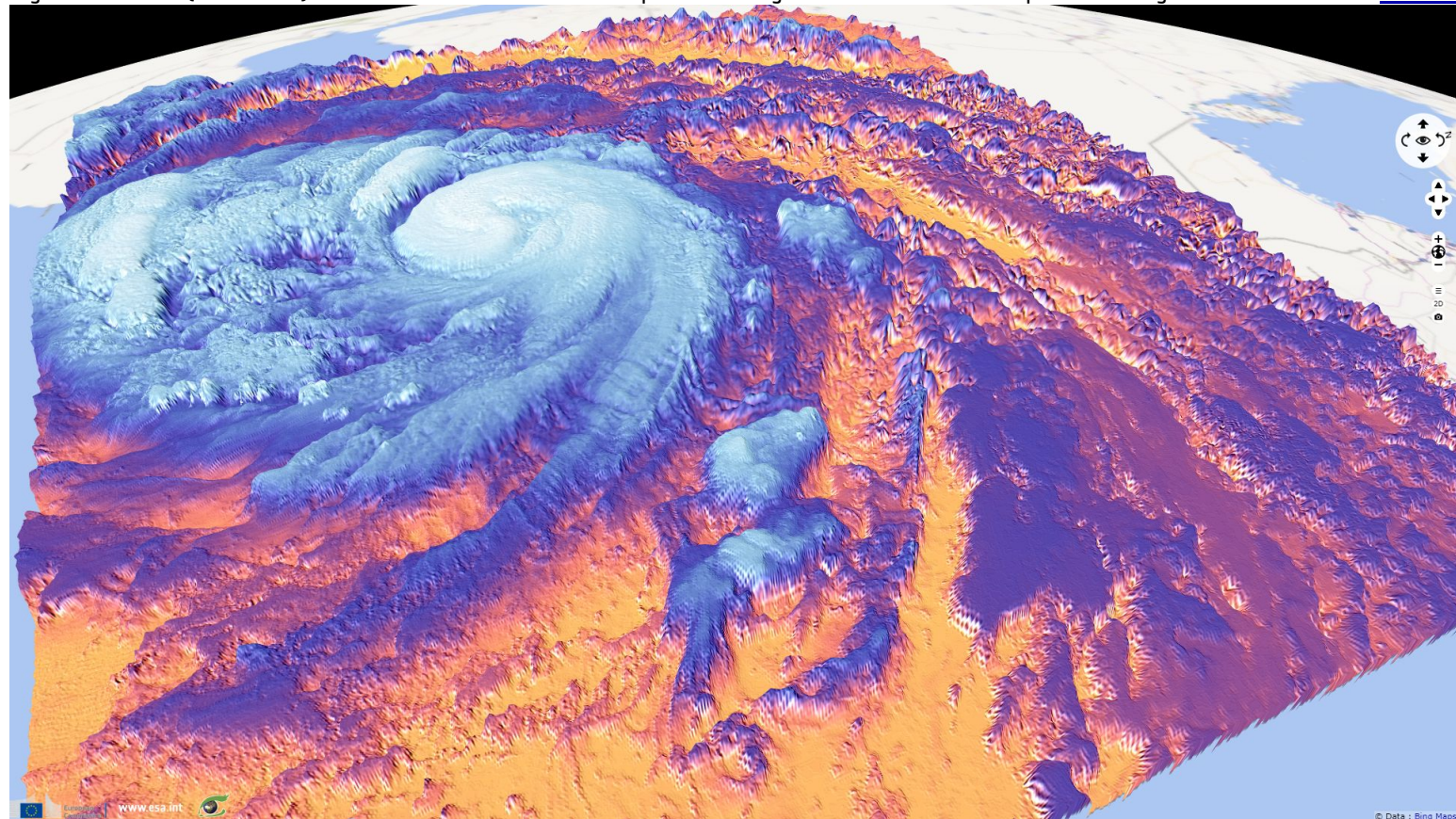
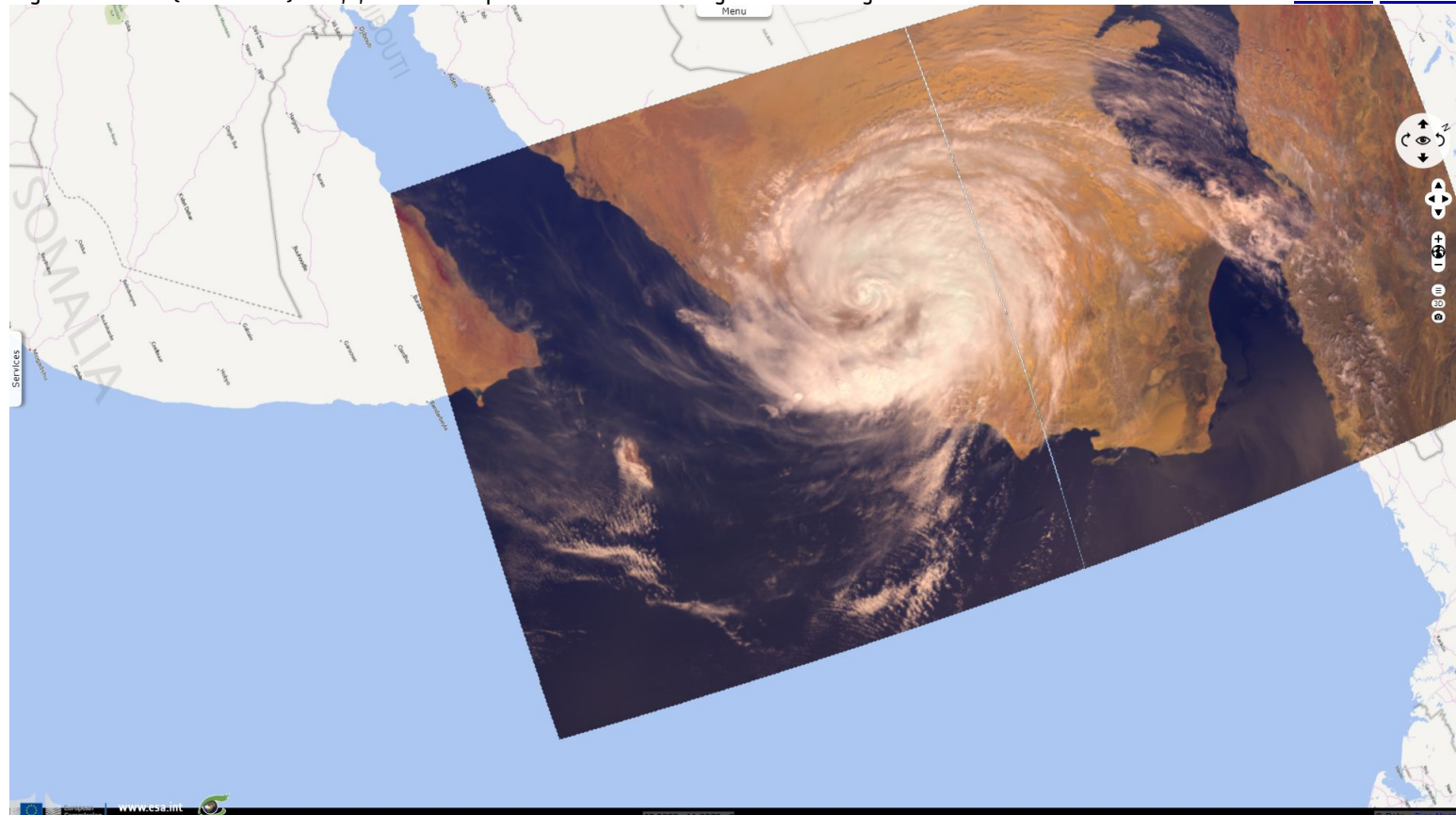


Fig. 6 - S3 OLCI (26.05.2018) - 21,9,1 colour composite - It lost its strength after making landfall in Oman. [3D view](#) [2D view](#)



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