

Total sun eclipse in the Indian Ocean, 20 April 2023

Sentinel-3 OLCI RR acquired on 19 April 2023 from 21:28:50 to 23:09:49 UTC
Sentinel-3 OLCI RR & SLSTR RBT acquired on 20 April 2023 from 00:11:34 to 05:14:30 UTC

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Keyword(s): total solar eclipse, sun, moon, penumbra, obscuration, Indian Ocean

[3D Layerstack](#)

Fig. 1 - S3 OLCI (20.04.2023) - A total eclipse happened in the Southern Indian Ocean on 20 April 2020.

[3D view](#)

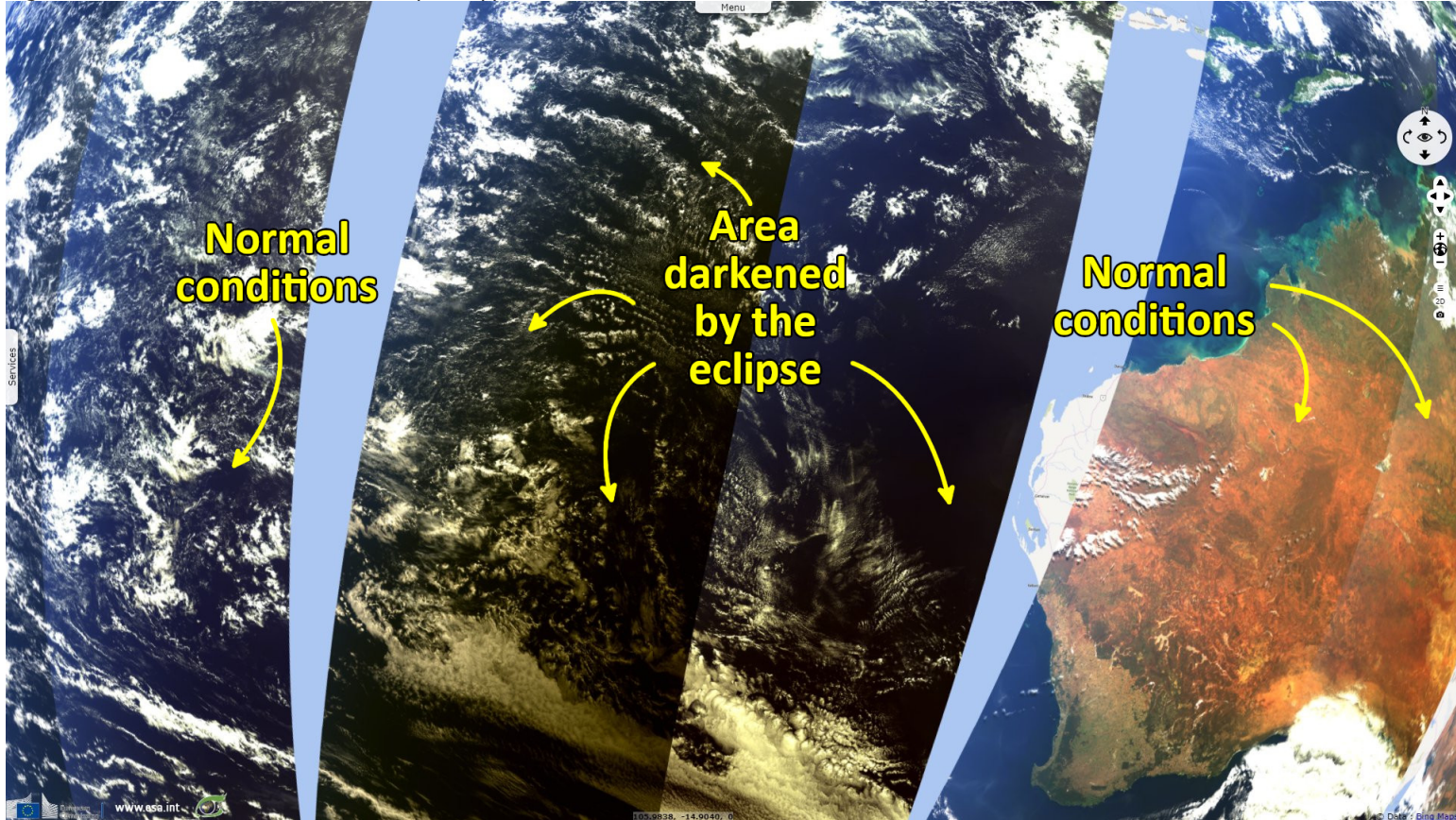


Fig. 2 - S3 SLSTR (20.04.2023) - It shows when comparing consecutive Sentinel-3 swaths.

[3D view](#)

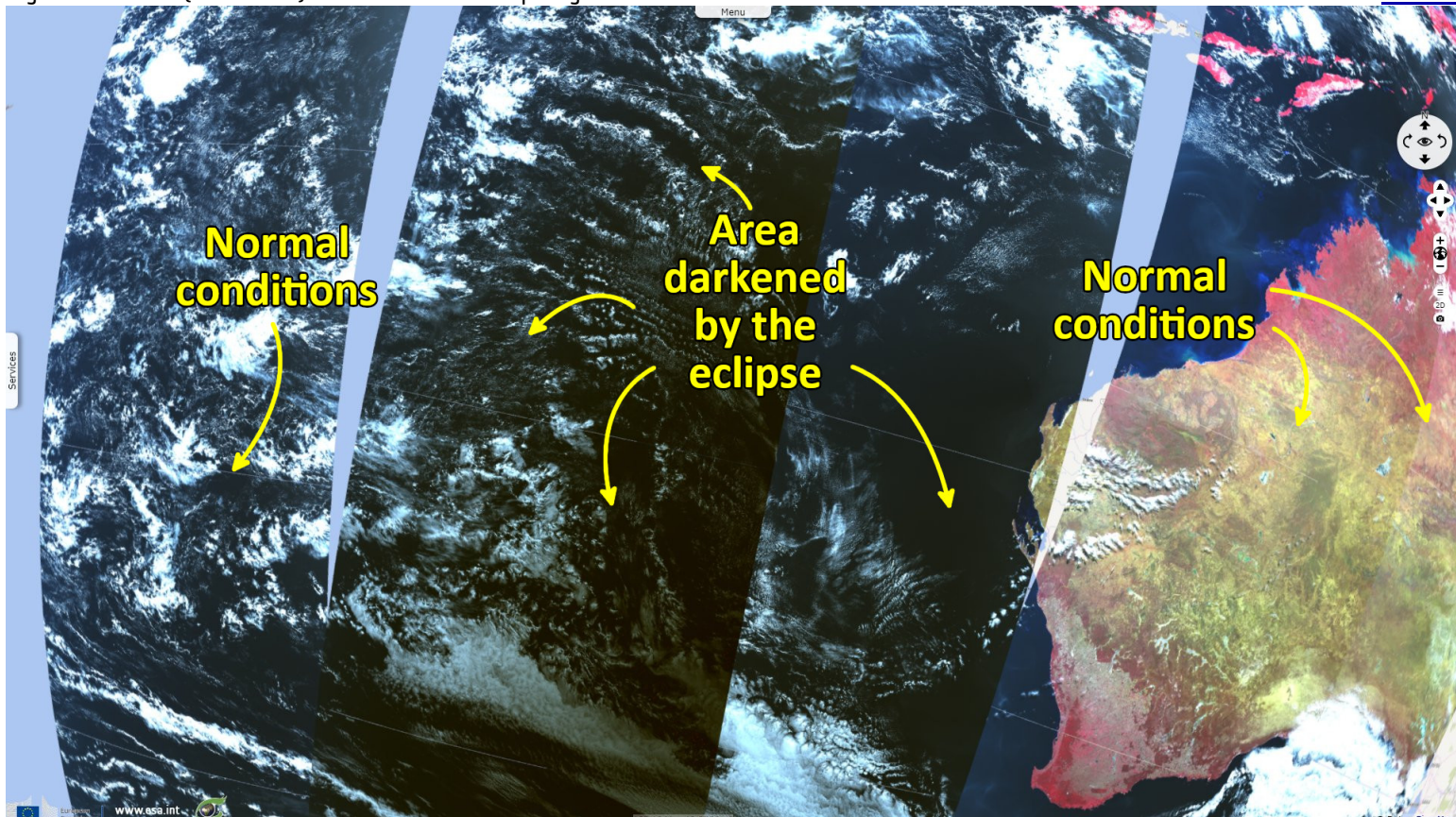
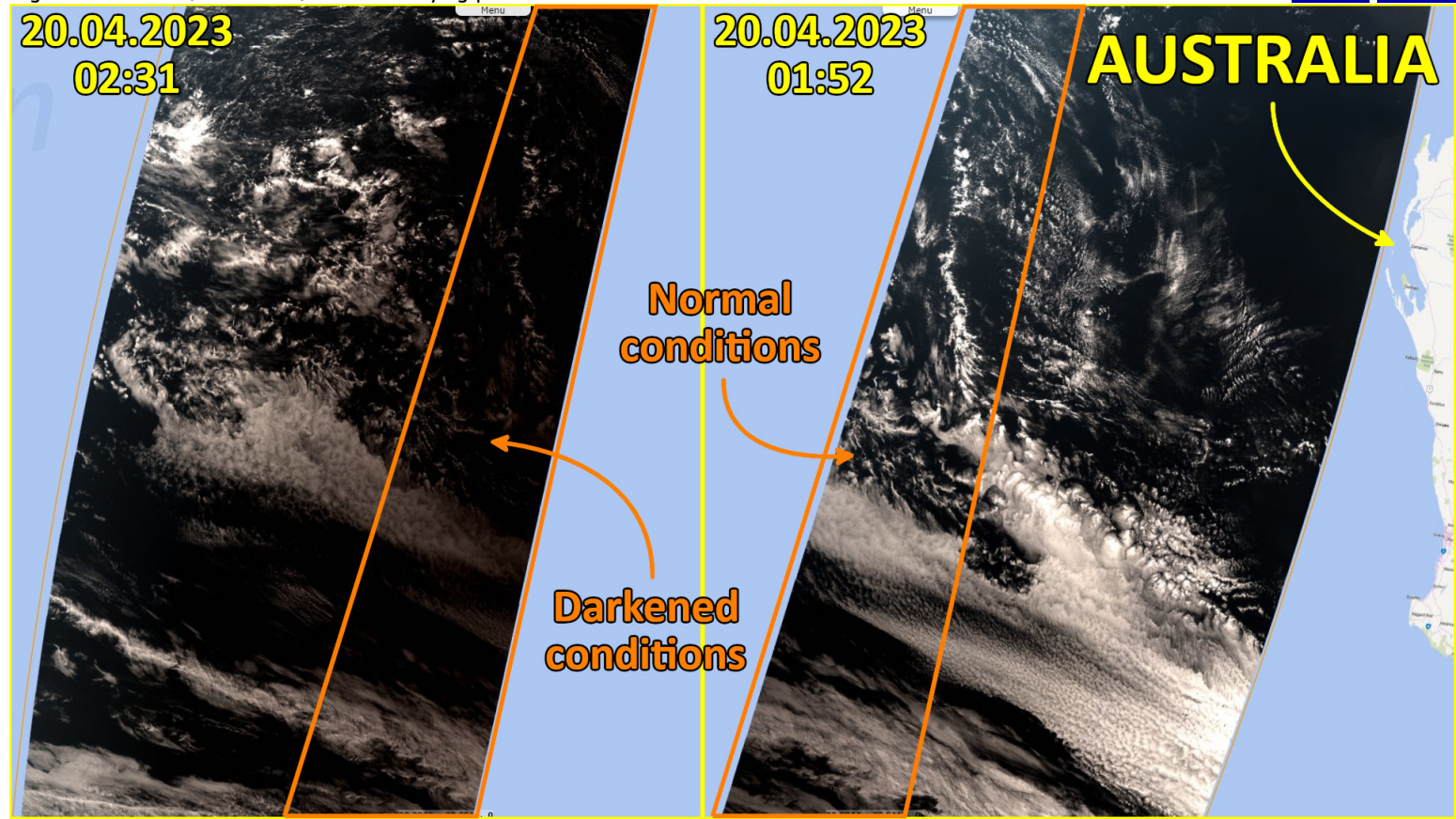


Fig. 3 - S3 SLSTR (20.04.2023) - The overlaying parts of consecutive swaths show a clear difference in radiance.

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



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