

Observing solstice shadows on Tropic of Cancer - Arabia

Sentinel-2 MSI acquired on 12 December 2017 at 06:42:49 UTC
Sentinel-2 MSI acquired on 18 December 2017 at 07:53:31 UTC
Sentinel-2 MSI acquired on 11 June 2018 at 07:46:09 UTC
Sentinel-2 MSI acquired on 20 June 2018 at 06:36:29 UTC
Sentinel-2 MSI acquired on 21 June 2018 at 07:46:09 UTC

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[2D Layerstack](#)

Fig. 1 - Sentinel-2 (20.06.2018) - 12,11,4 colour composite - Oman, close to the Tropic of Cancer near summer solstice.

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

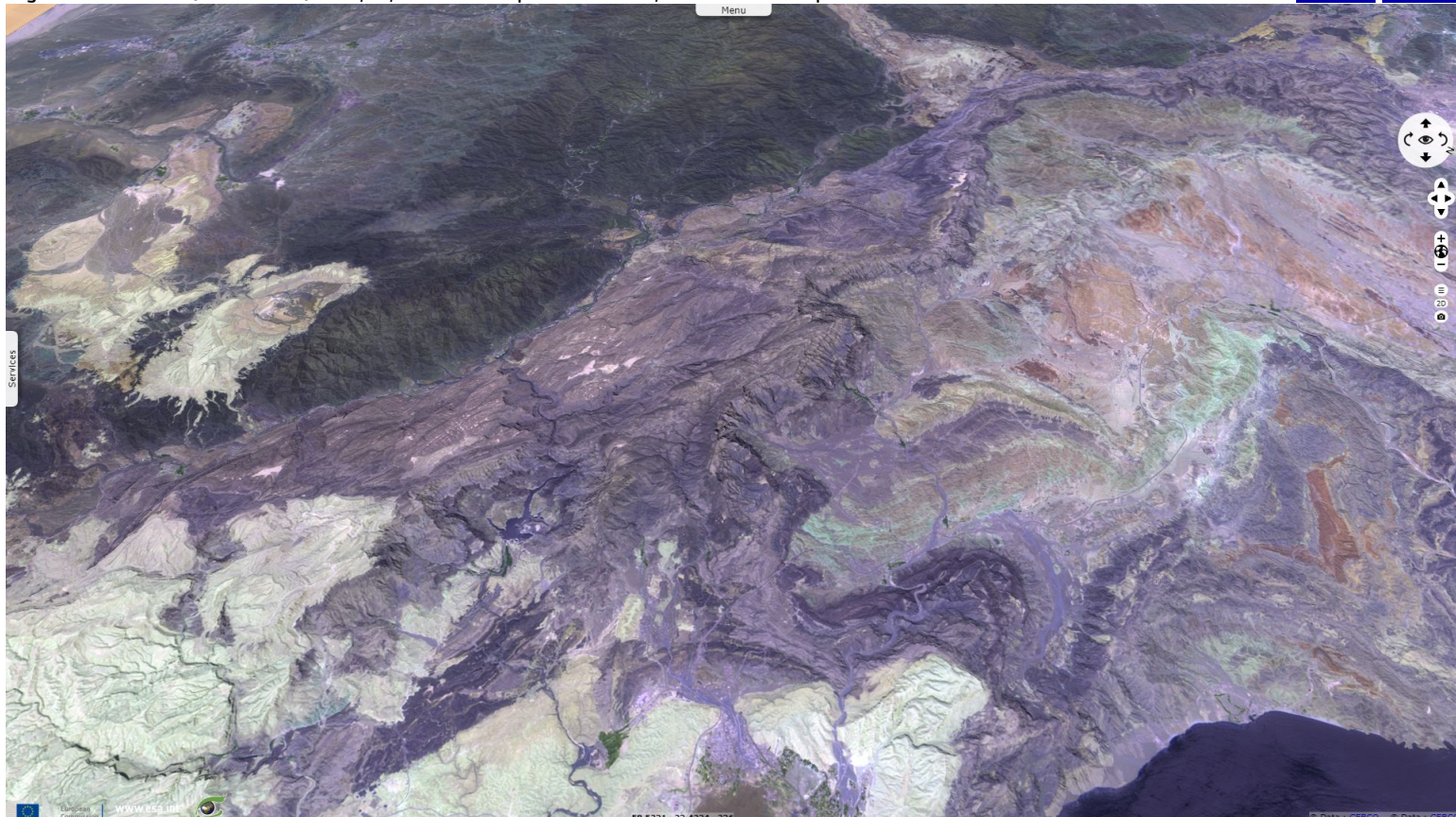


Fig. 2 - Sentinel-2 (12.12.2017) - Similar view near the winter solstice makes relief more apparent.

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

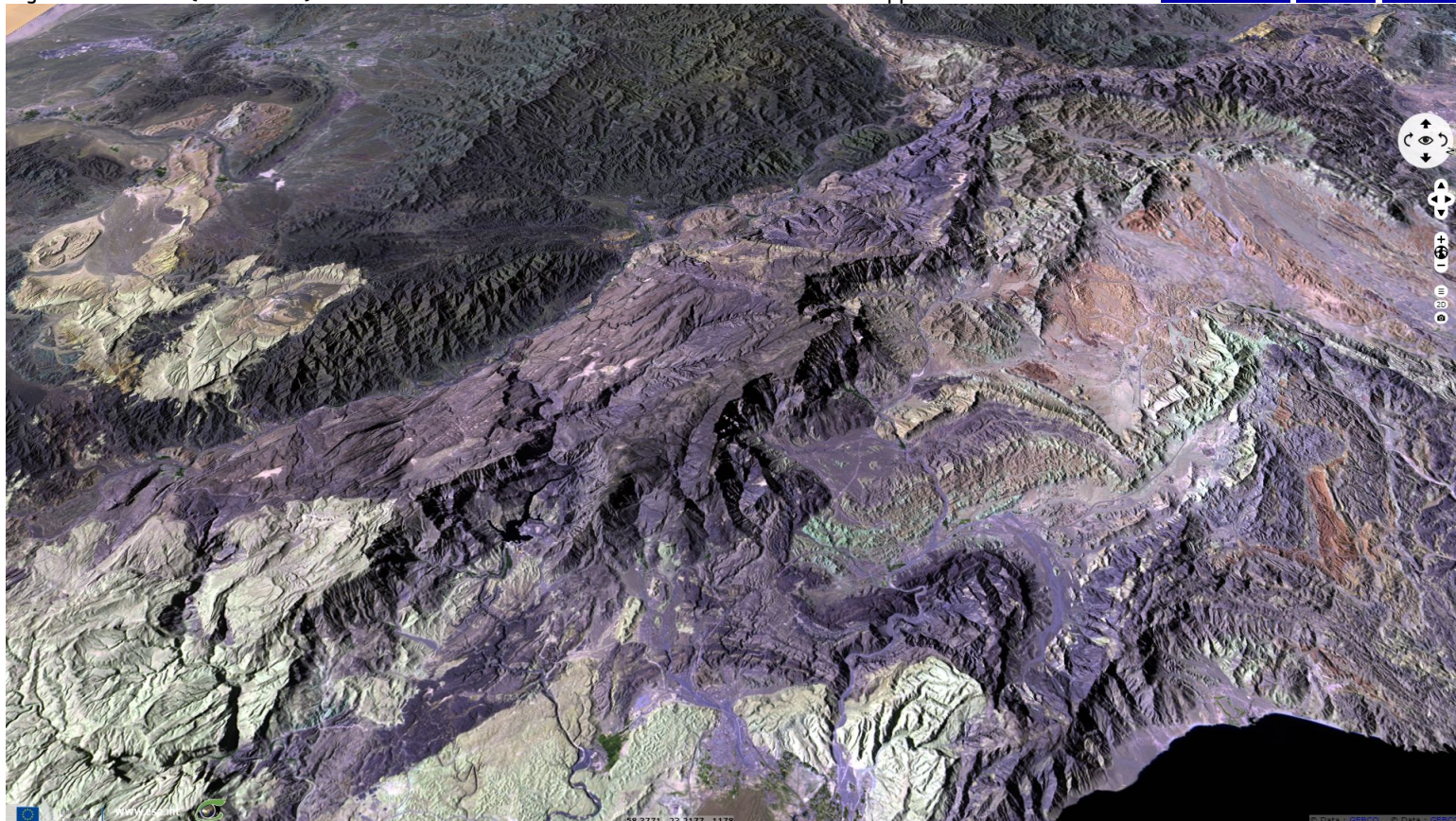


Fig. 3 - Sentinel-2 (11 & 21.06.2018) - Western side of Saudi Arabia, close to the Tropic of Cancer, near summer solstice.

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

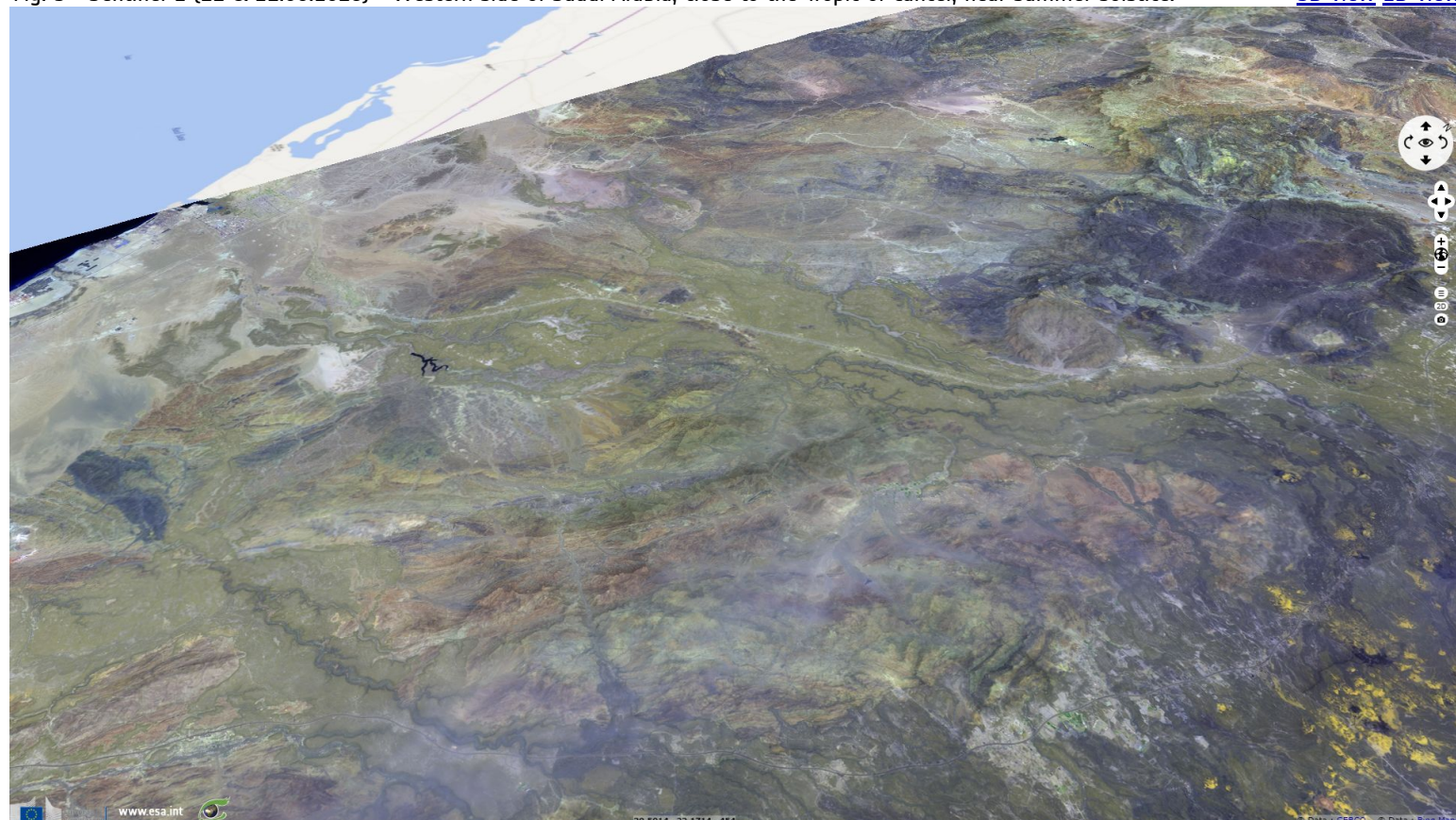
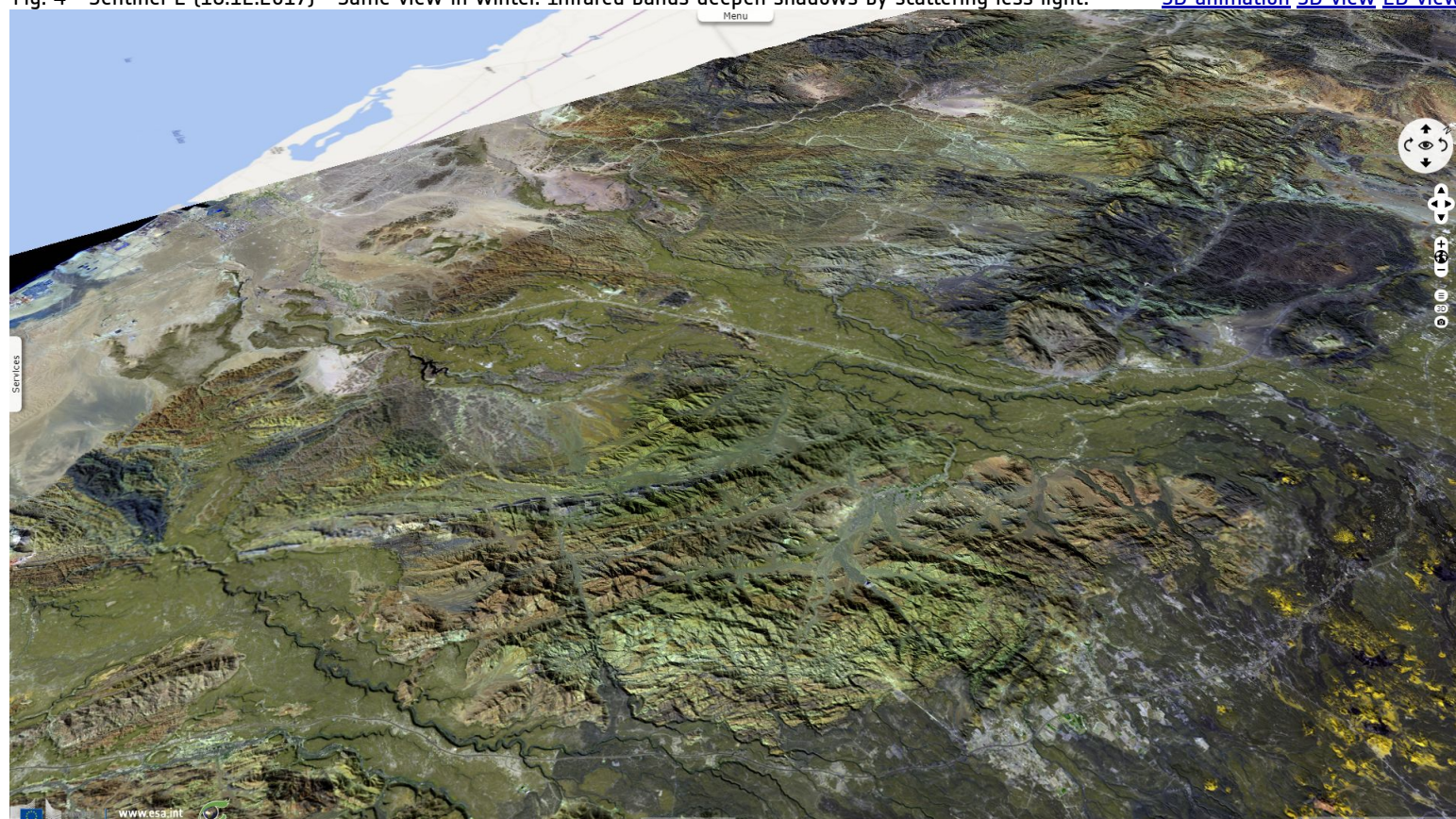


Fig. 4 - Sentinel-2 (18.12.2017) - Same view in winter. Infrared bands deepen shadows by scattering less light.

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



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