

# Geologic features of the Erongo region, Namibia

Sentinel-2 MSI acquired on **31 December 2017** at 08:53:39 UTC  
Sentinel-1 CSAR IW acquired on **23 October 2018** at 17:28:40 UTC  
Sentinel-1 CSAR IW acquired on **28 October 2018** at 17:36:47 UTC  
Sentinel-2 MSI acquired on **01 November 2018** at 08:51:11 UTC

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

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[2D Layerstack](#)

Fig. 1 - S2 (31.12.2017) - Erongo is a coastal region of Namibia north of the Namib desert.

[2D view](#)

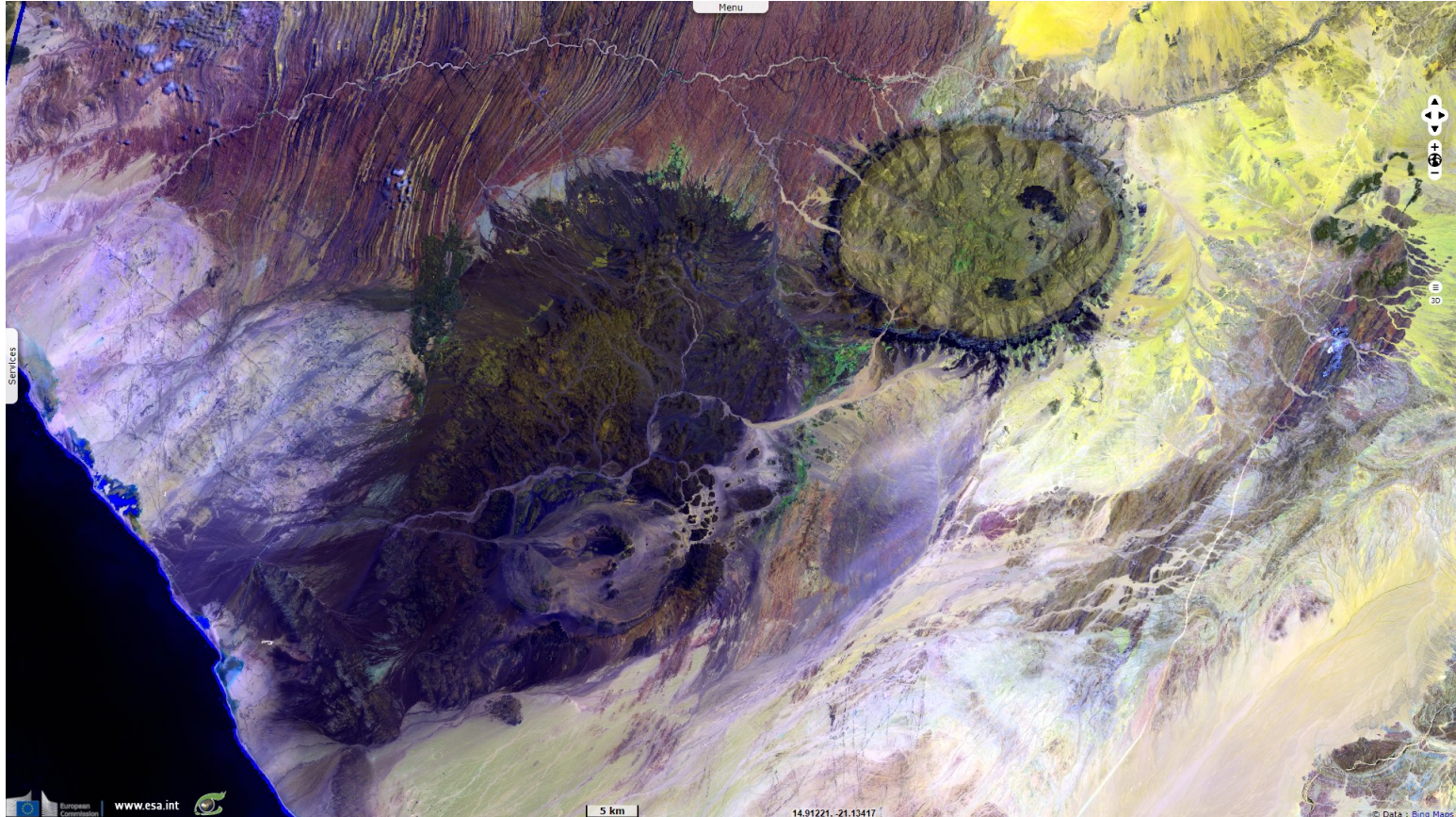
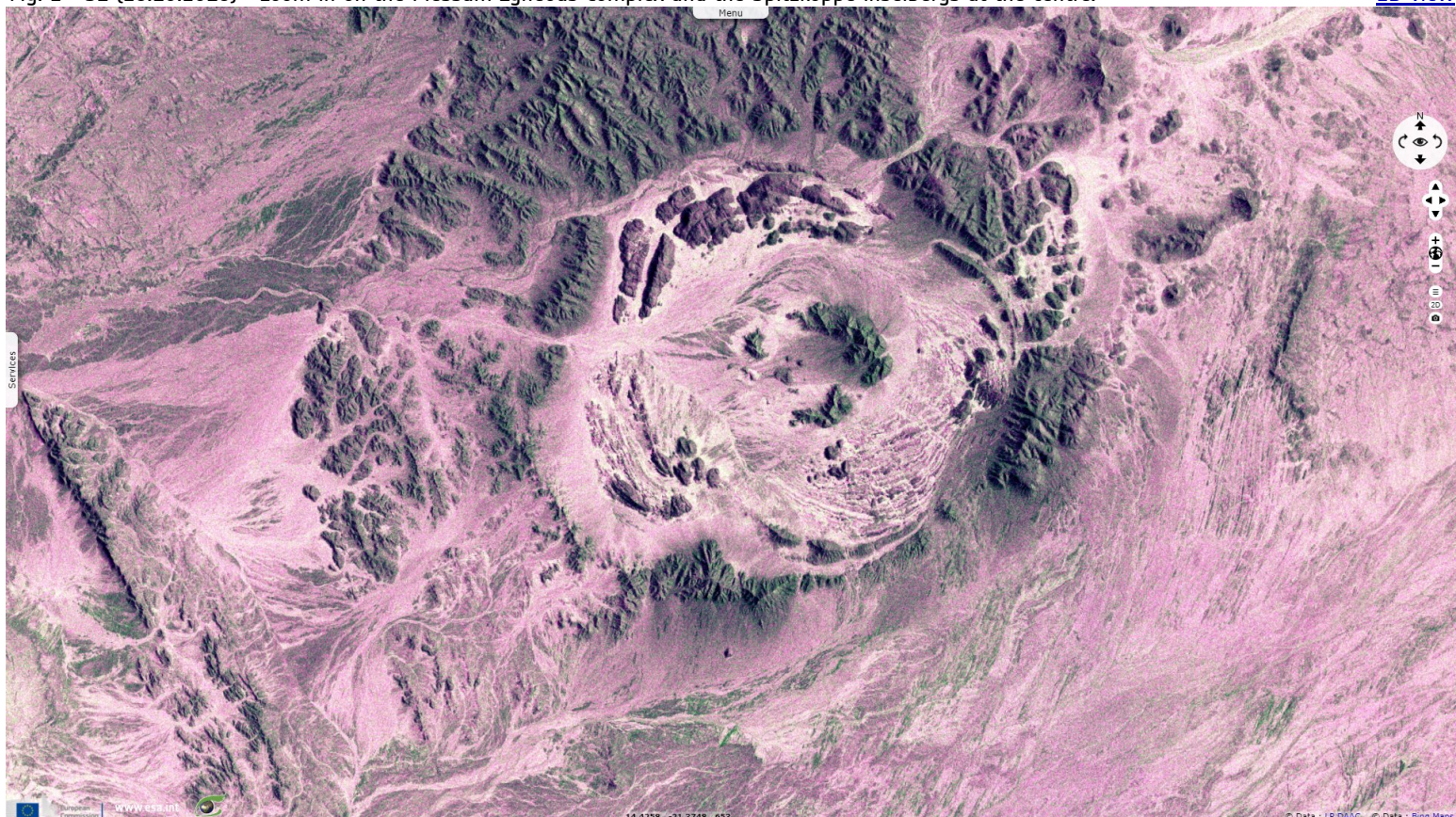


Fig. 2 - S1 (28.10.2018) - Zoom in on the Messum Igneous Complex and the Spitzkoppe inselbergs at the centre.

[2D view](#)





German geologist Henno Martin discovered the Messum crater in 1939, the Namibian remainder of a gigantic volcanic eruption that happened before Africa and South America broke apart. This eruption is thought to have been the single largest explosive volcanic eruption in the history of the Earth.

Fig. 3 - S1 (28.10.2018) - The famed Brandberg mountain, a granitic intrusion and the highest point of Namibia at 2573 m.

[3D view](#)

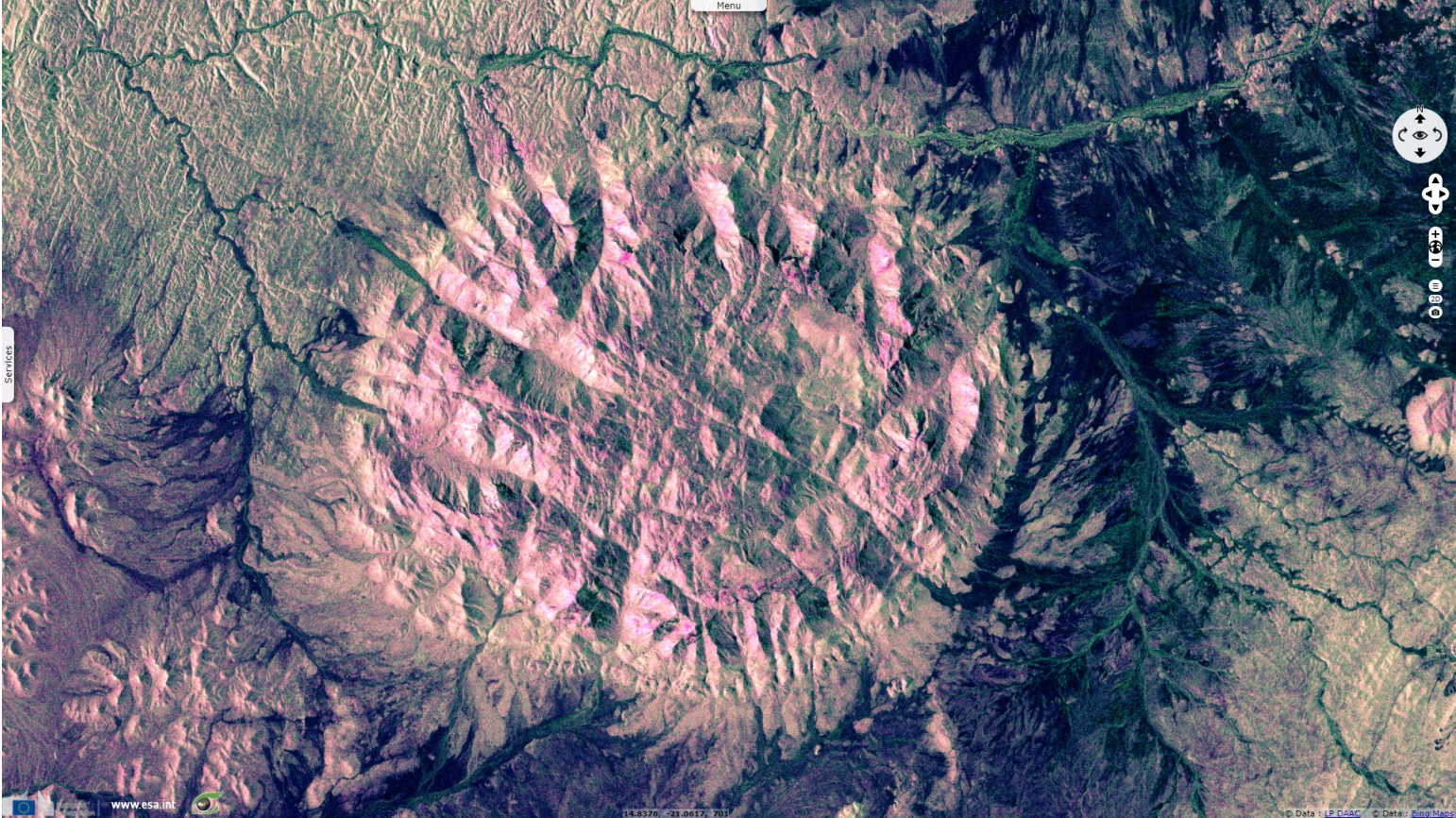


Fig. 4 - S2 (01.11.2018) - Mount Erongo is another granitic intrusion.

[2D view](#)

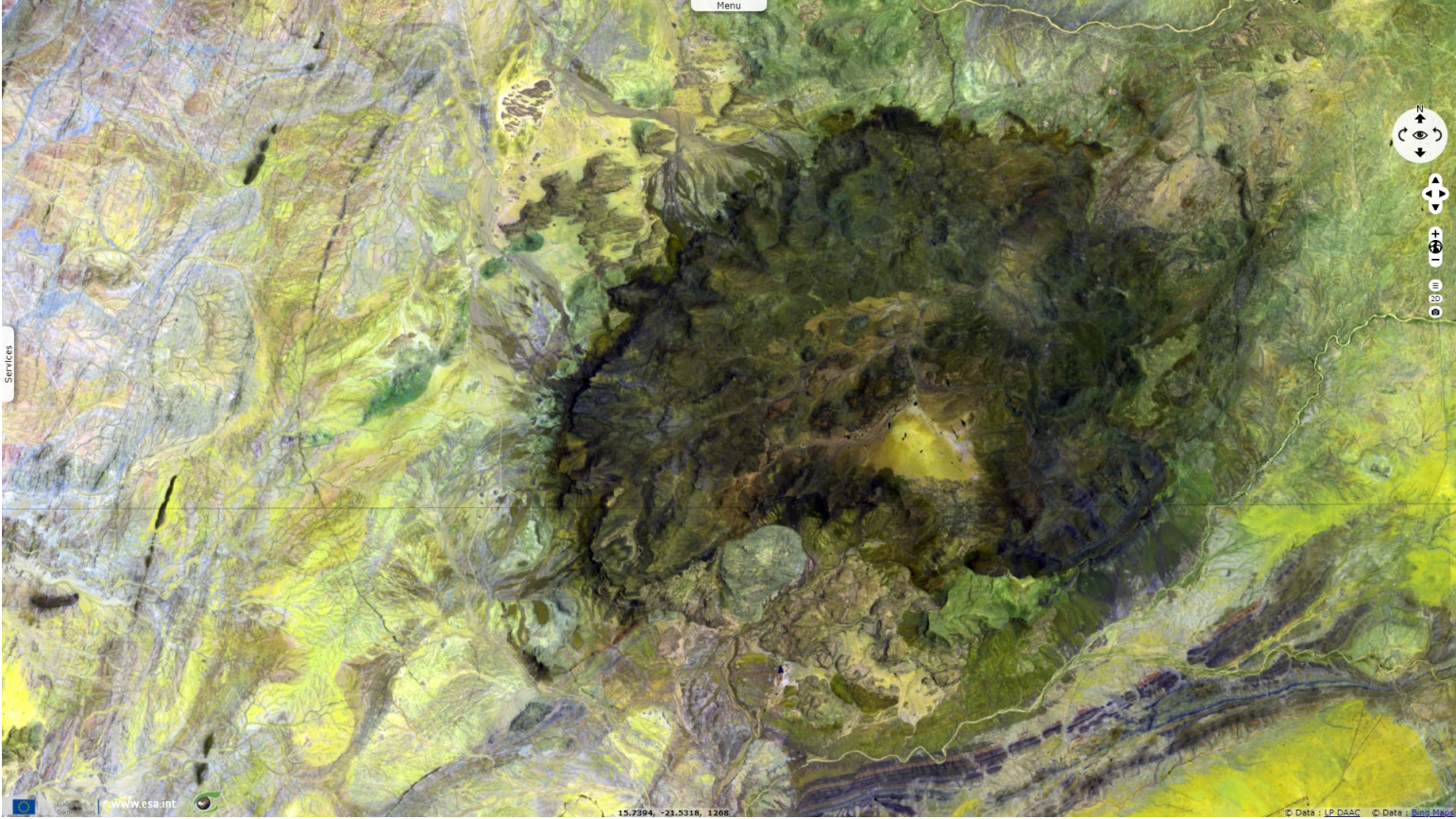
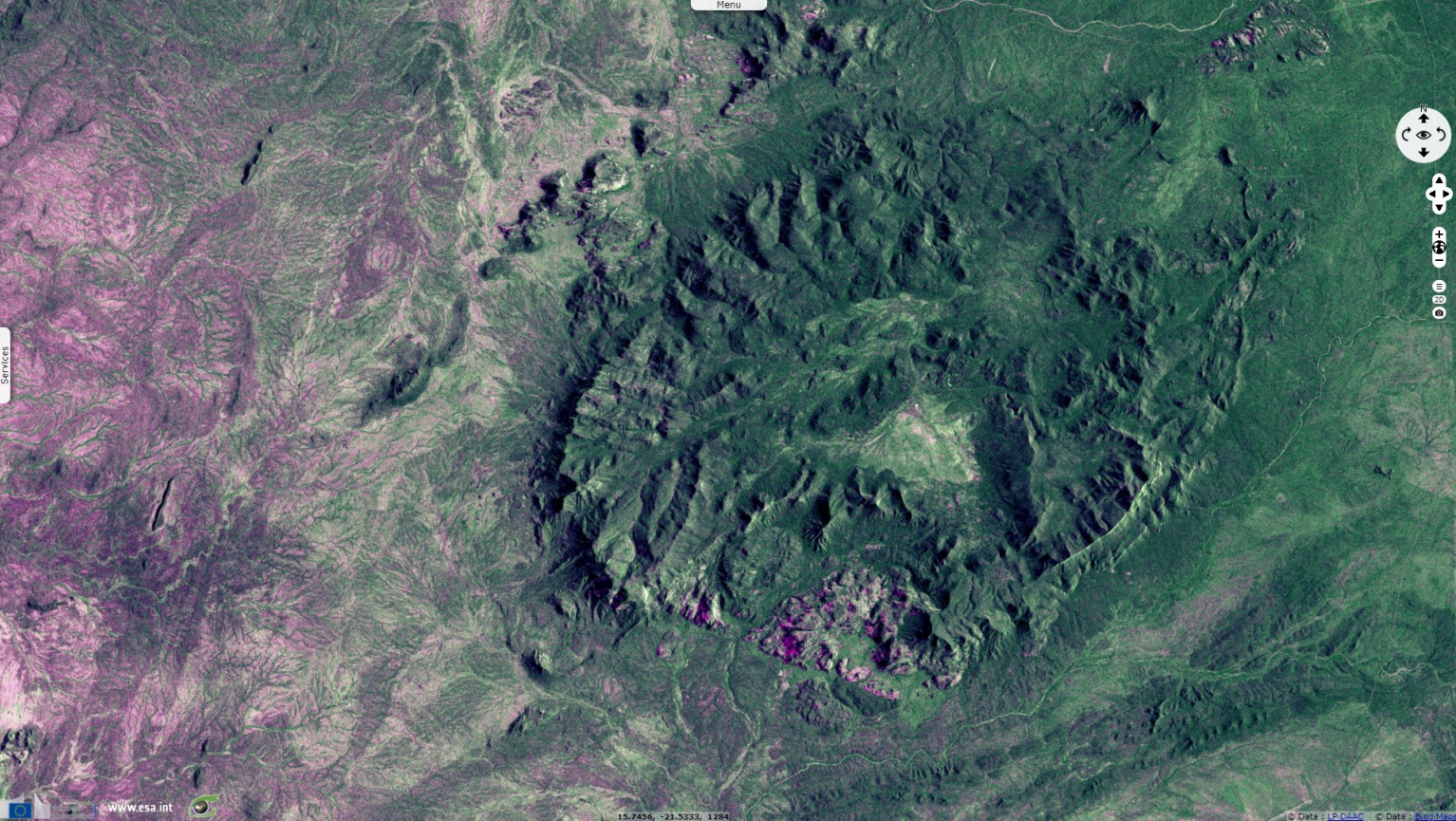
















Fig. 5 - S1 (23.10.2018) - It tops at 2350 metres above sea level. [2D view](#)



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