

# Ouarkziz impact crater, Tindouf province, Algeria

Sentinel-1 CSAR IW acquired on **15 June 2018** at 06:28:41 UTC  
Sentinel-1 CSAR IW acquired on **25 June 2018** at 18:32:43 UTC  
Sentinel-1 CSAR IW acquired on **29 September 2018** at 18:32:48 UTC  
Sentinel-1 CSAR IW acquired on **01 October 2018** at 06:28:46 UTC  
Sentinel-2 MSI acquired on **18 December 2019** at 11:14:51 UTC

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Keyword(s): Mountains, crater, erosion, Algeria, Atlas range

[3D Layerstack](#)



Fig. 1 - S1 (30.01.2020) - Ouarkziz crater lies in Tindouf province in western Algeria, near the Moroccan border.

[3D view](#)





Fig. 2 - S2 (18.12.2019) - It lies among the sedimentary layers of the Anti-Atlas range, formed by the collision of the African and Laurussian plates.

[3D view](#)

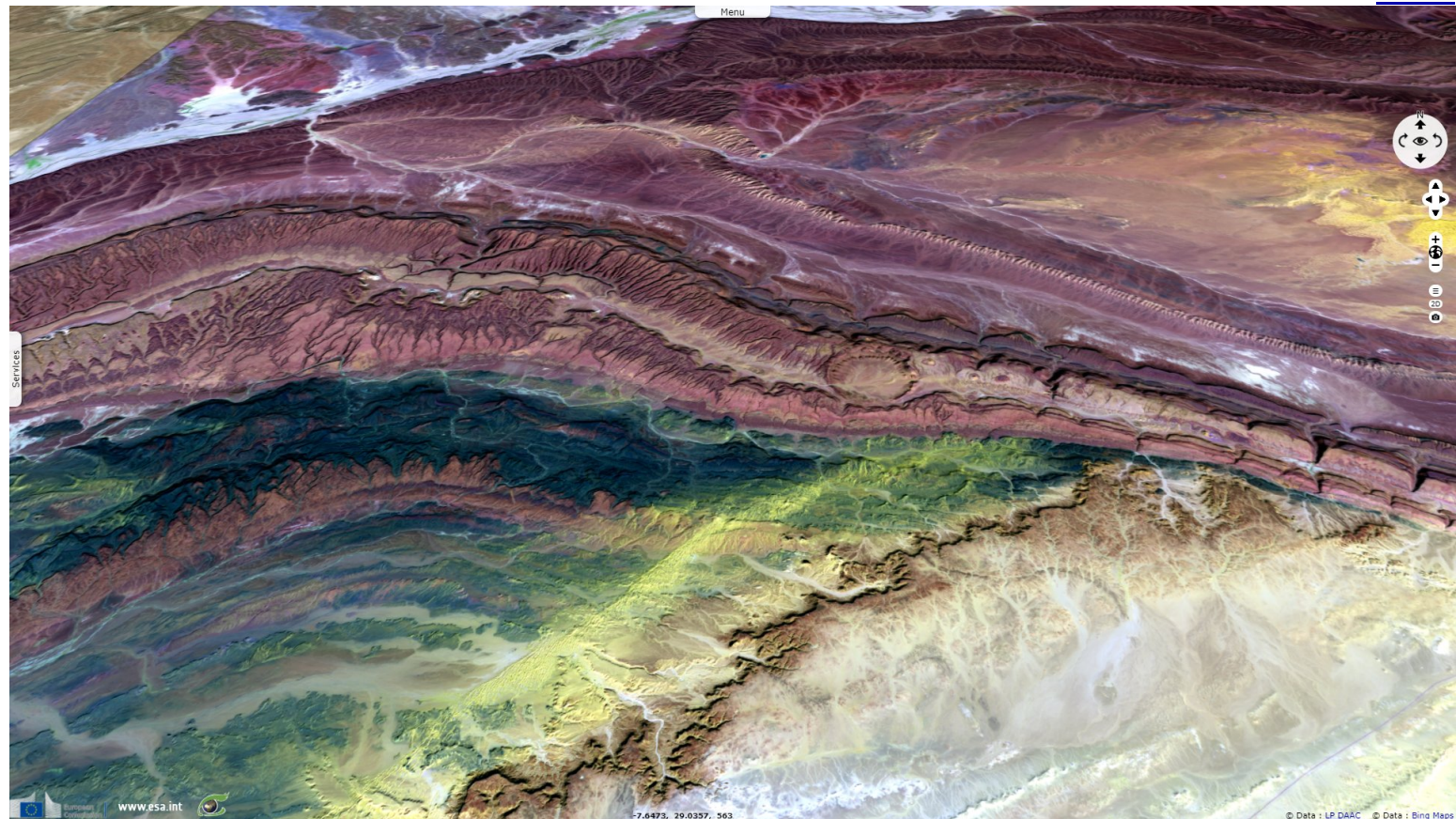


Fig. 3 - S1 (25.06.2018) - The impact happened less than 70 million years ago, during the late Cretaceous Period, leaving a circular 3.5-km wide crater that revealed older layers.

[3D view](#)

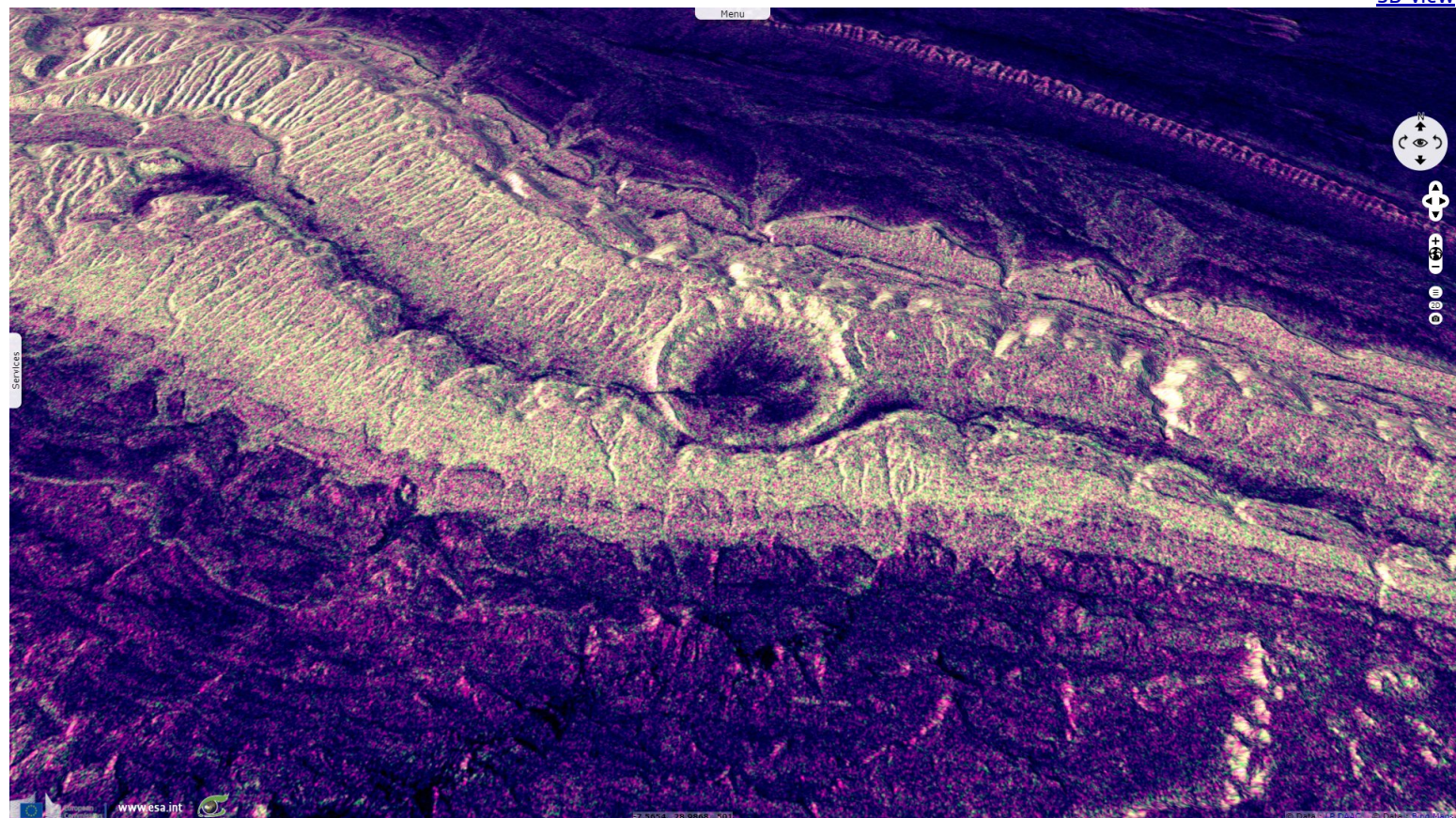
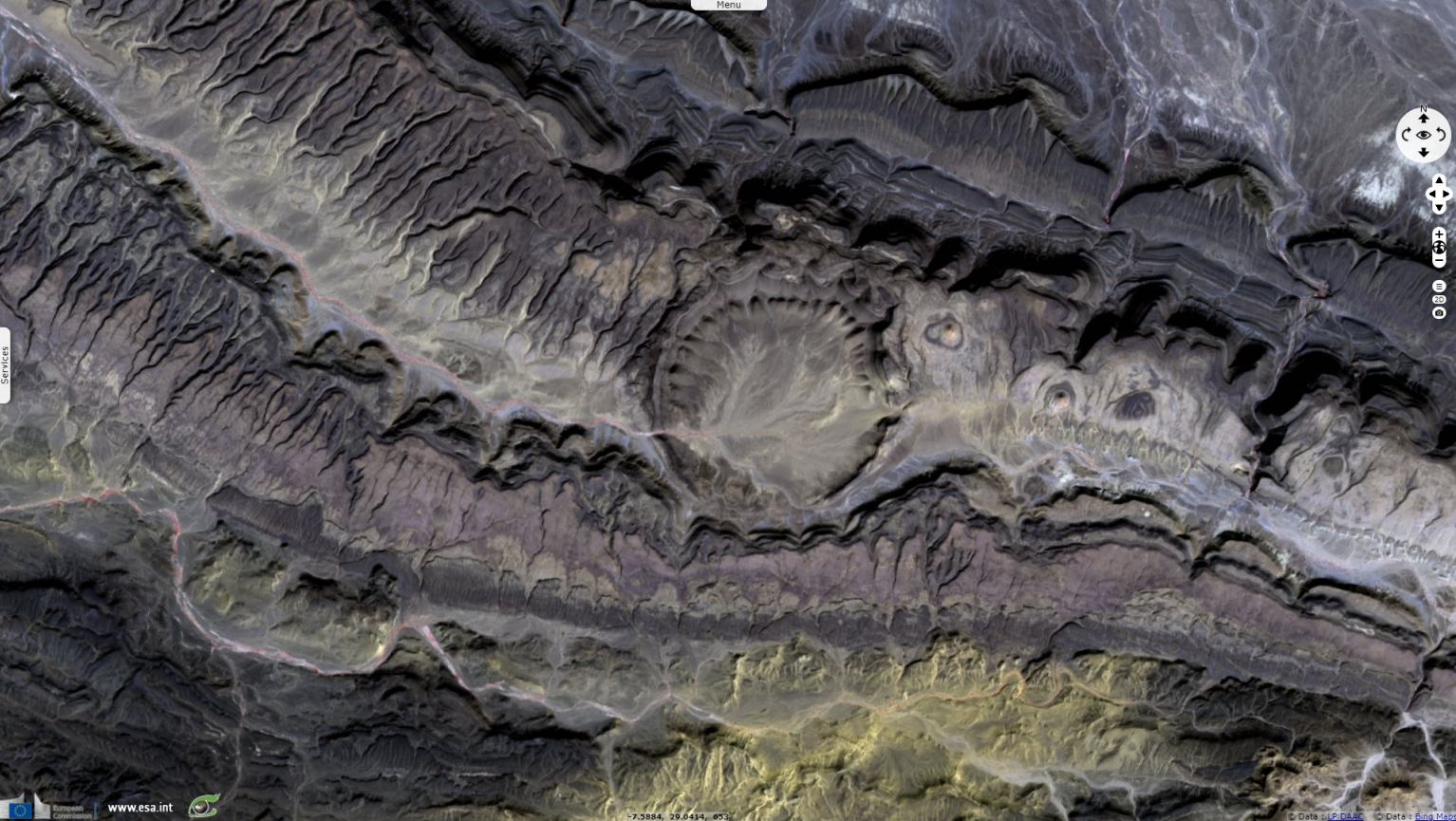
















Fig. 4 - S2 (18.12.2018) - A stream channel that cuts across the center of the structure formed after the impact had occurred. [3D view](#)



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