Sentinel Vision
SED-829
8 March 2021
2D Layerstack

Mount Vinson, Sentinel Range, roof of the Antarctica

Sentinel-2 MSI acquired on **15 October 2020**
Sentinel-1 CSAR IW acquired on **25 February 2021**
Sentinel-5P TROPOMI acquired on **04 March 2021** at 22:00 & 23:30 UTC
Sentinel-1 CSAR IW acquired on **07 March 2021**
Sentinel-1 CSAR IW acquired on **09 March 2021**

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

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Fig. 1 - The Ellsworth Mountains are the highest mountain ranges in Antarctica on the western margin of the Ronne Ice Shelf. 3D View

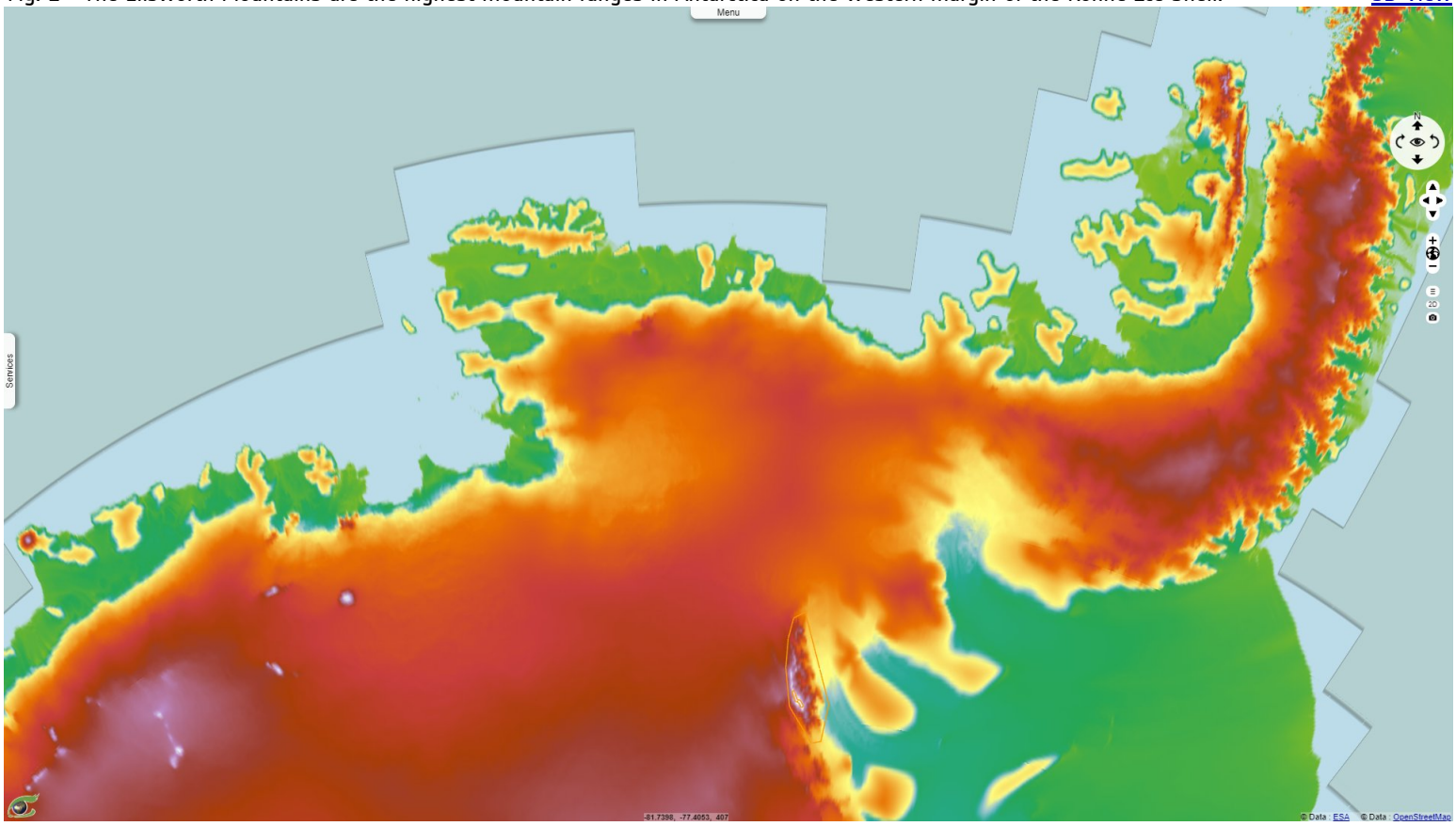


Fig. 2 - SLSTR (23.02.2017) - It likely was once part of the Cape Fold Belt. New they form a 350 km x 48 km chain of mountains in a north to south configuration.

3D View

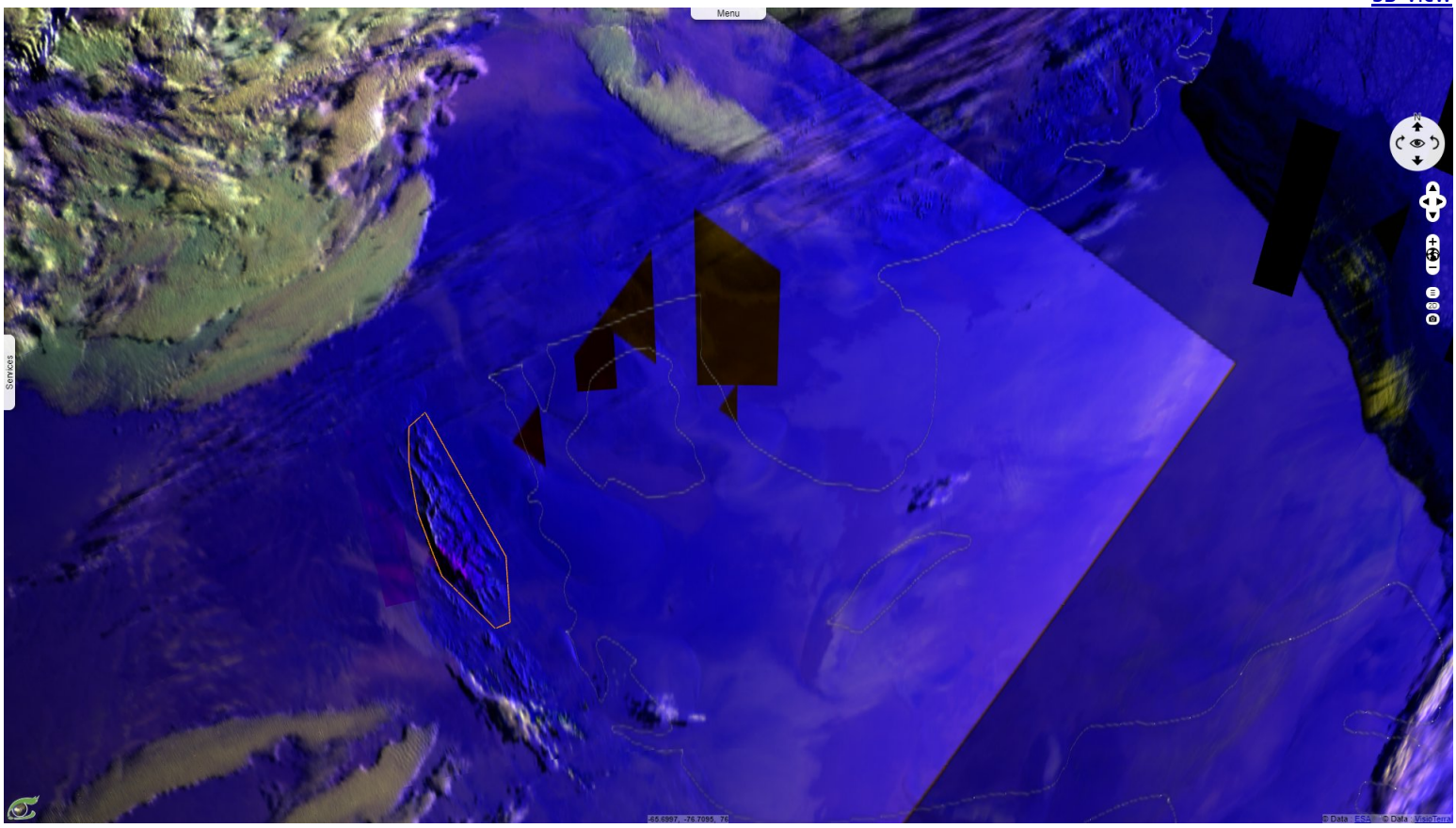


Fig. 3 - S1 (03.07.2016) - They are bisected by Minnesota Glacier, forming the Sentinel Range to the north.

3D View

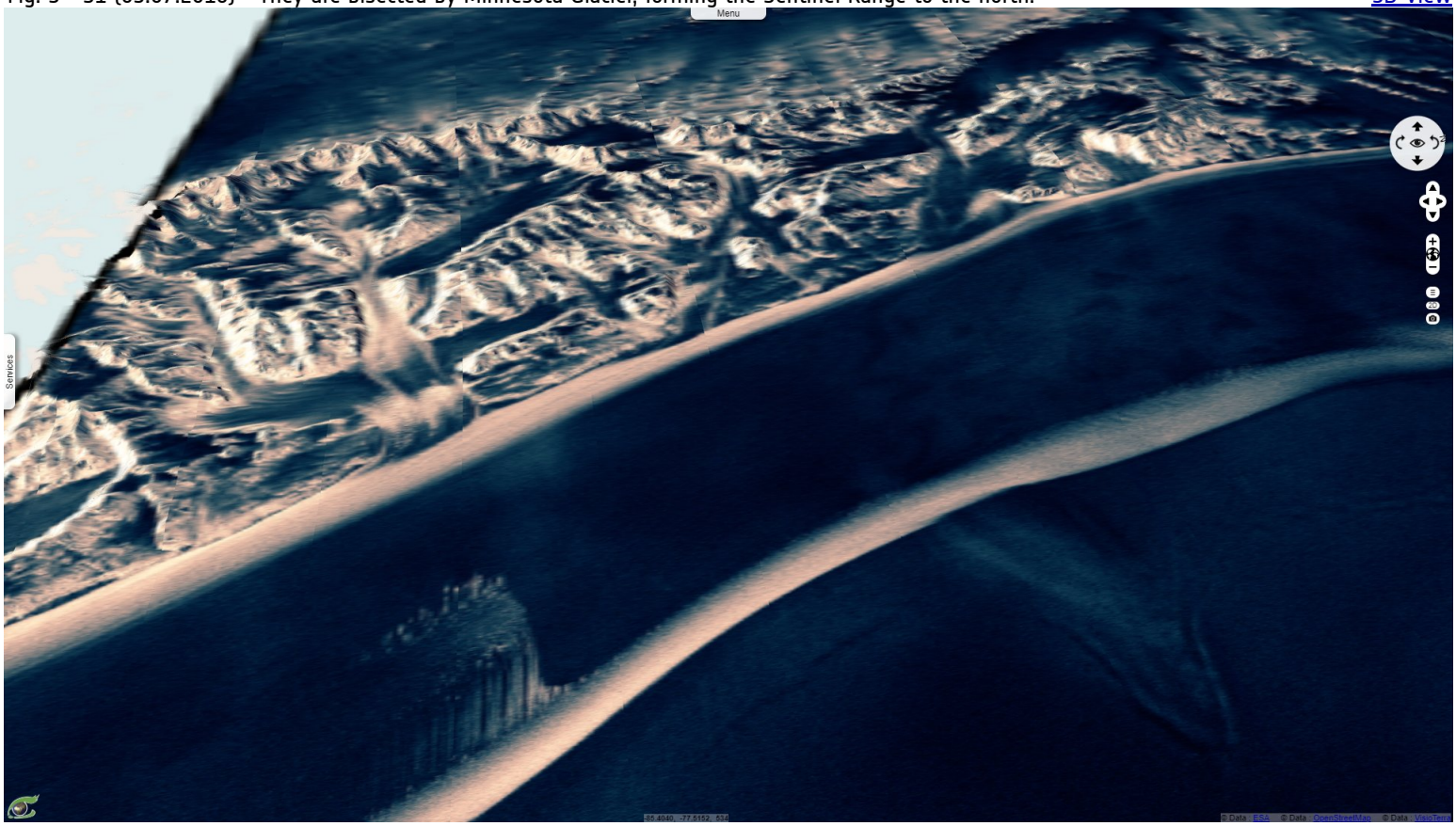


Fig. 4 - S2 (22.02.2017) - Vinson Massif in the southern part of the Sentinel range is the highest elevation on the in Antarctica continent. 3D View

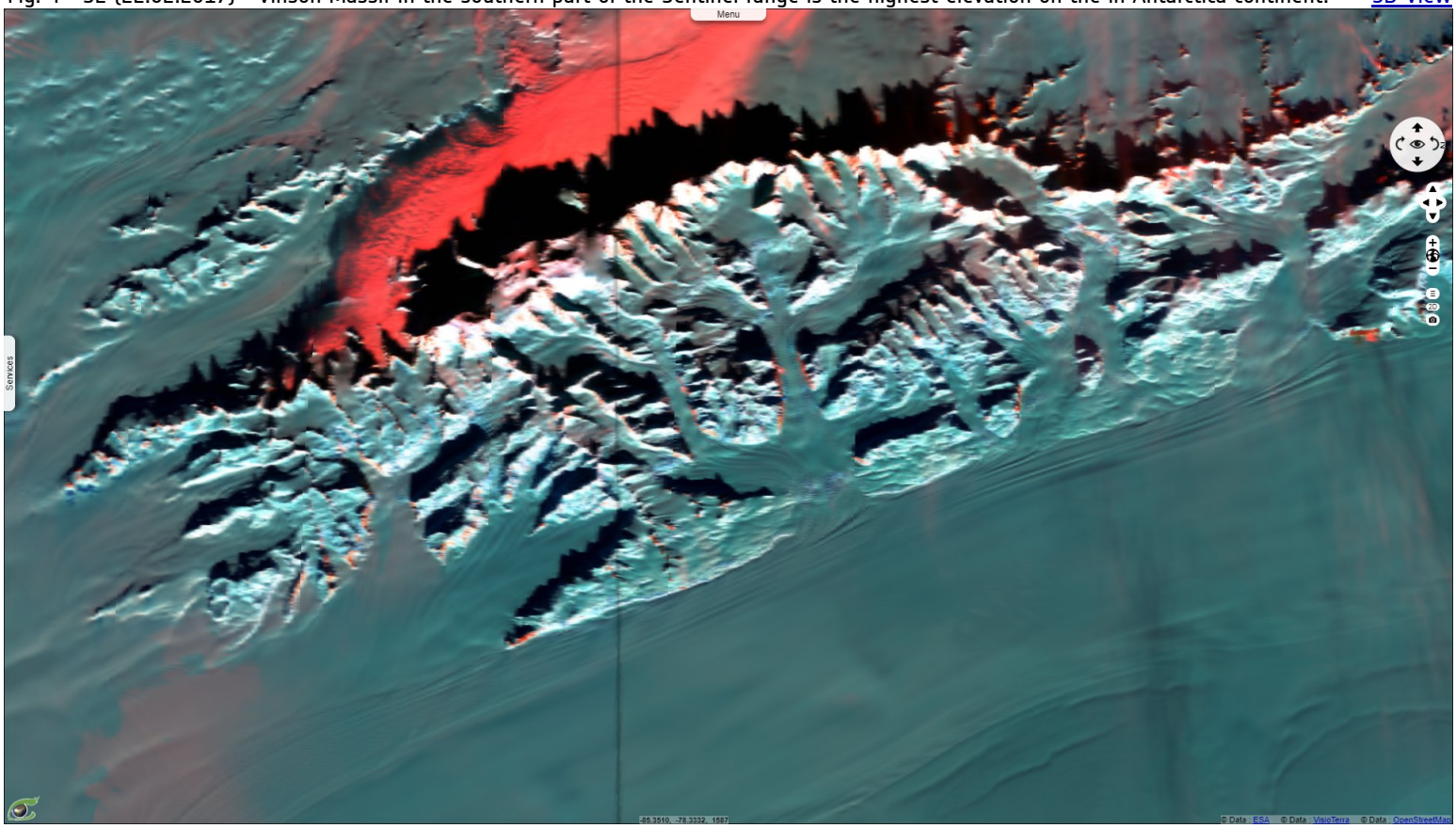
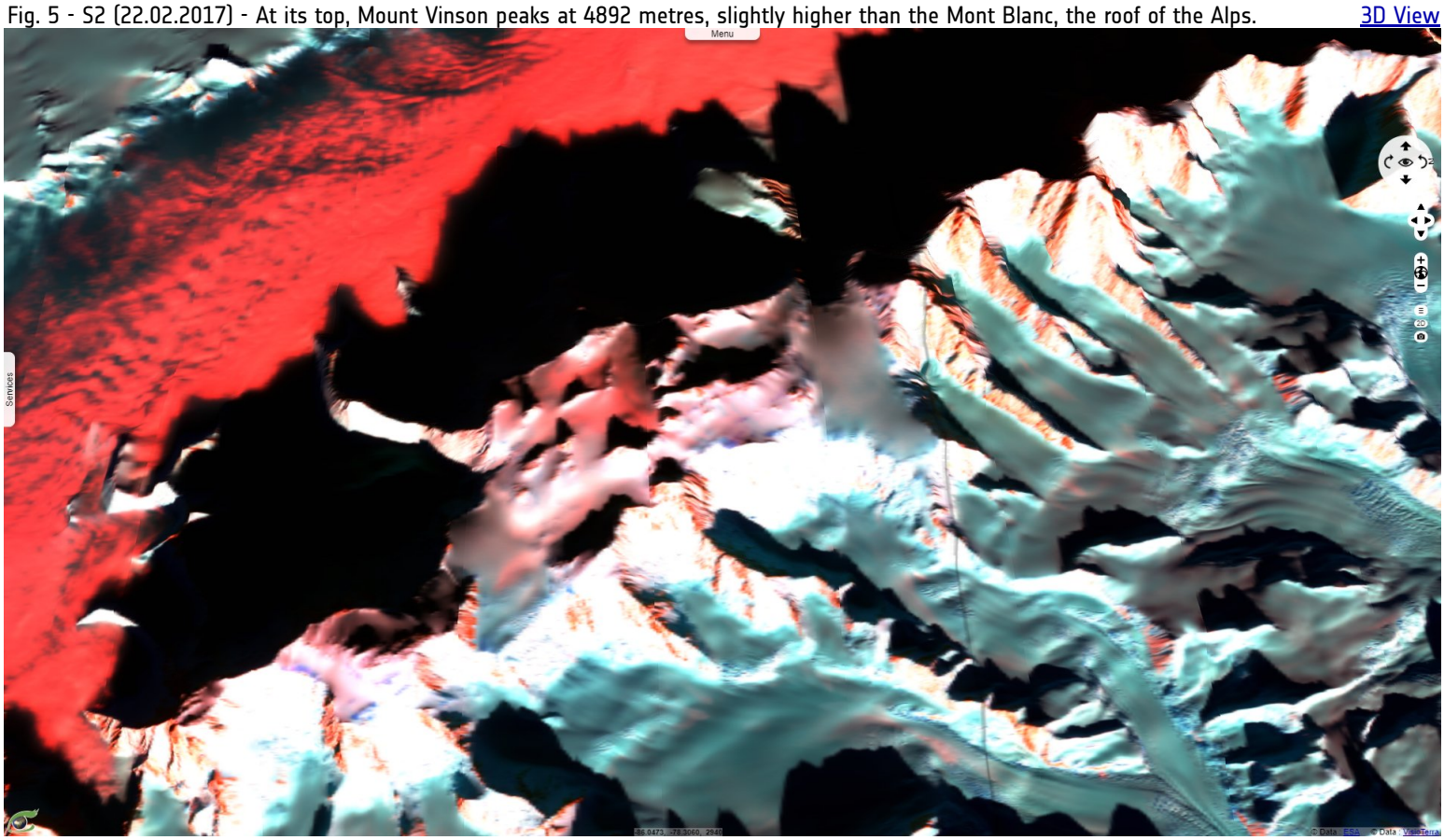


Fig. 5 - S2 (22.02.2017) - At its top, Mount Vinson peaks at 4892 metres, slightly higher than the Mont Blanc, the roof of the Alps. 3D View



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