

Mount Elbrus, Caucasus, between Russia & Georgia

Sentinel-2 MSI acquired on 02 July 2017 at 08:10:09 UTC

Sentinel-2 MSI acquired on 04 July 2017 at 08:00:01 UTC

Sentinel-1 CSAR IW acquired on 07 October 2019 from 03:16:09 to 03:16:34 UTC

Sentinel-1 CSAR IW acquired on 23 March 2020 from 03:16:06 to 03:16:31 UTC

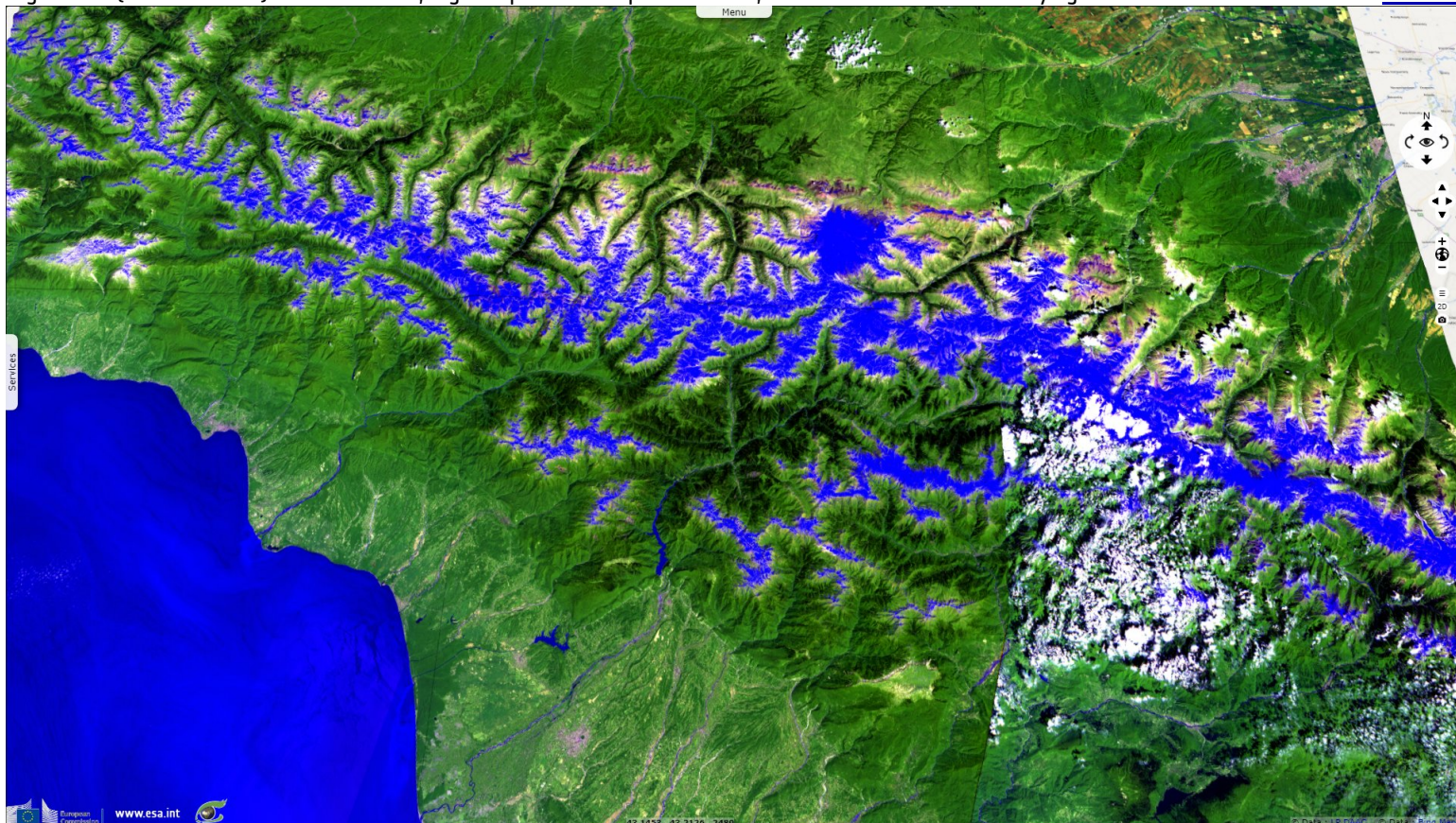
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Keyword(s): Mountain range, volcano, cryosphere, glacier, Russia, Georgia



[2D Layerstack](#)

Fig. 1 - S2 (02.04.07.2017) - Mount Elbrus, highest peak in Europe at 5642 m, is a dormant stratovolcano lying within the Western Caucasus. [2D view](#)



The crest of the Caucasus usually is used to define the continental divide between Asia & Europe for the region between the Black & Caspian Seas.

Fig. 2 - S2 (02.04.07.2017) - The only volcano of the range, Mount Elbrus lies alone both altitude & in location, 20km north of the main ridge [3D view](#)

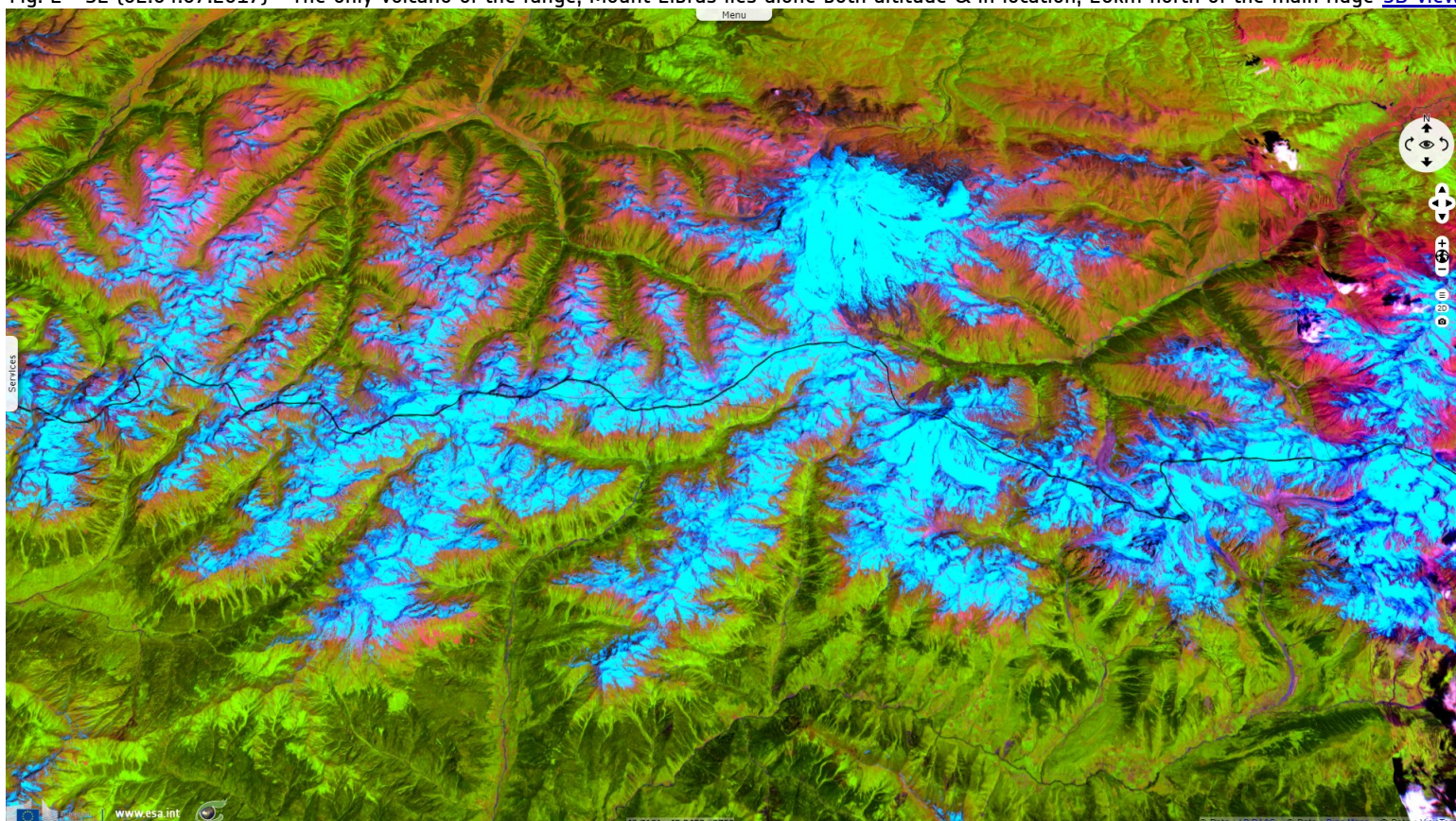


Fig. 3 - S1 (07.10.2019) - Several 5000+ peaks are located at the centre of the Western Caucasus.

[3D view](#)

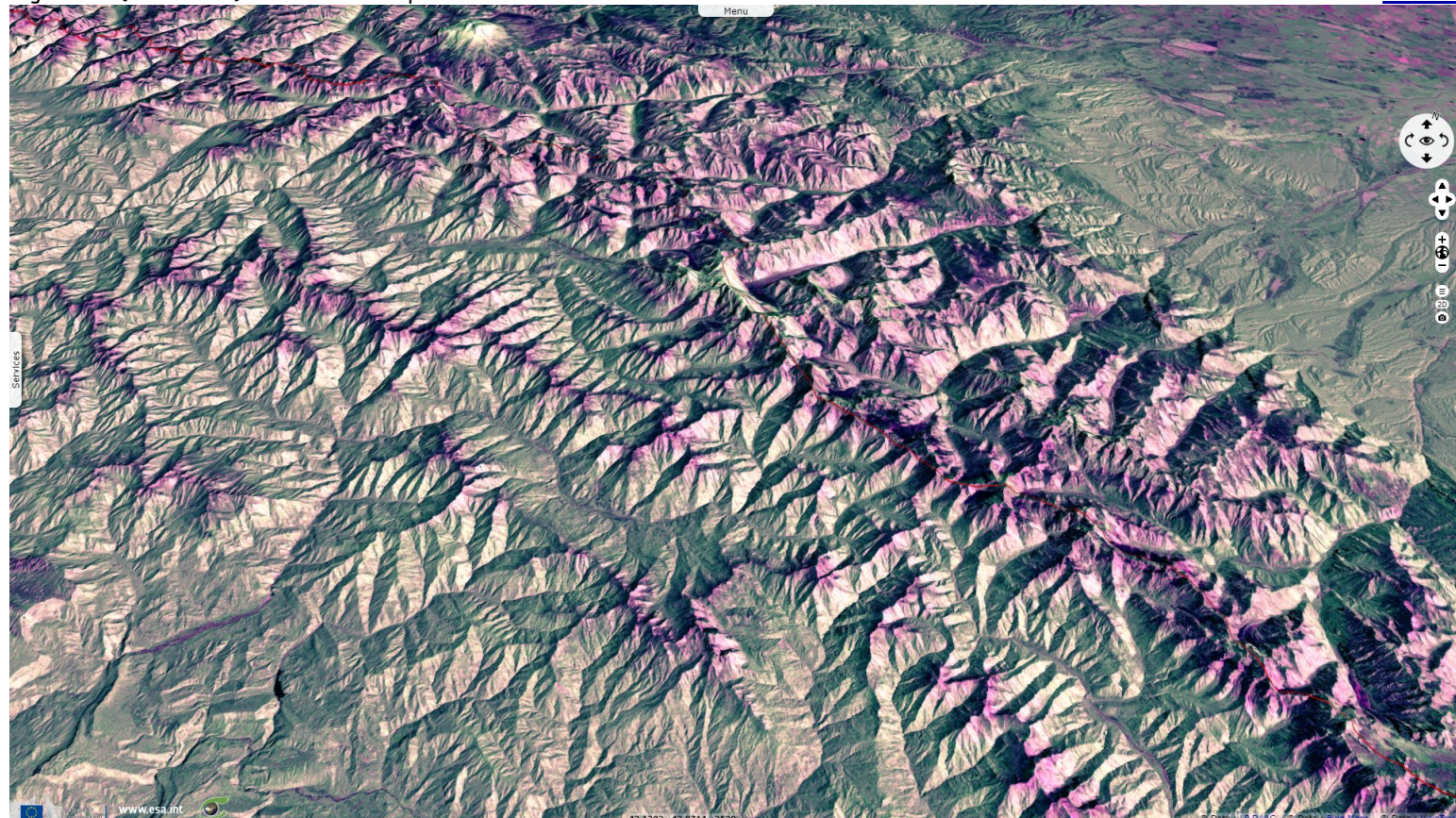
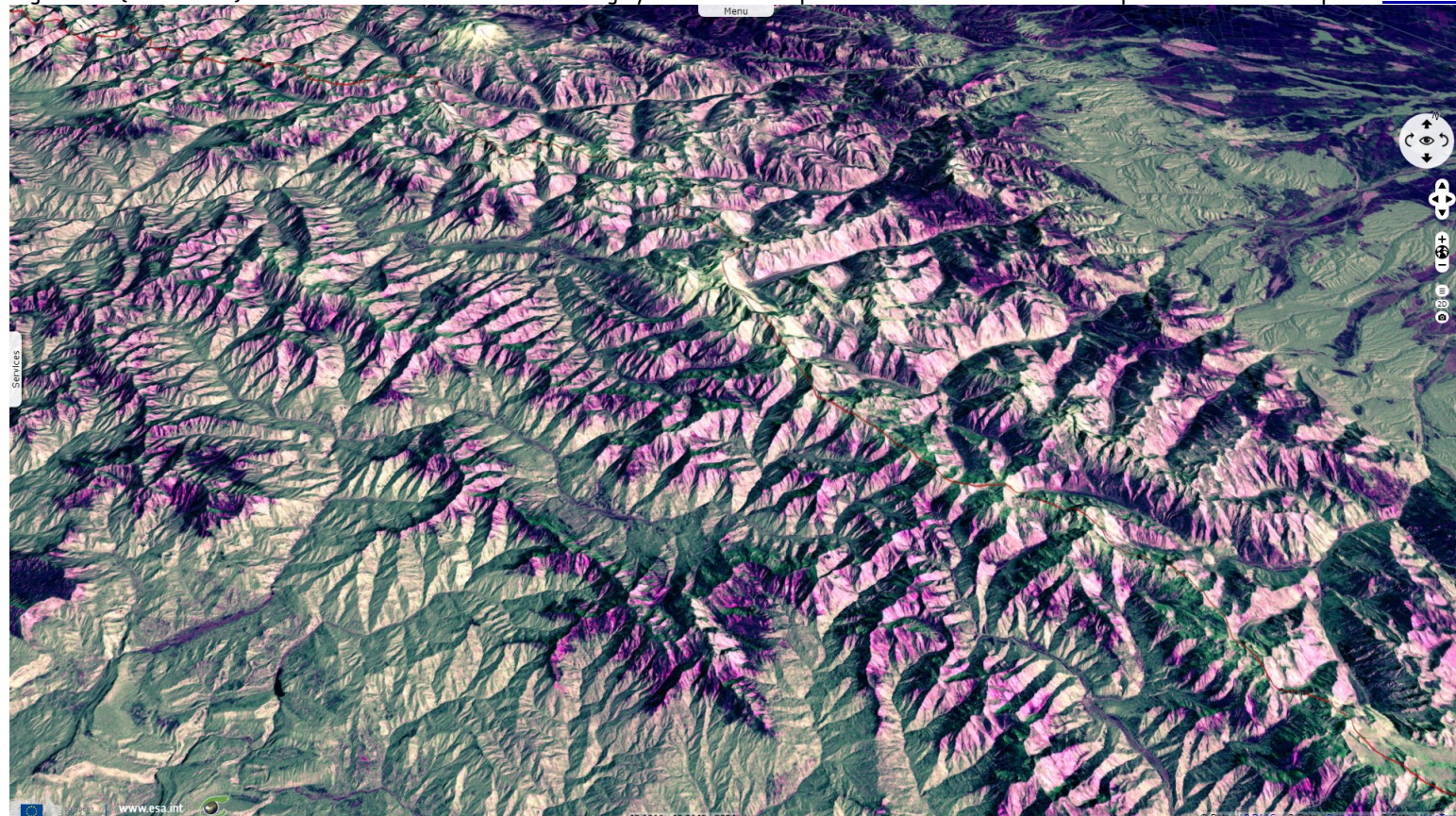








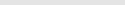





Fig. 4 - S1 (23.03.2020) - The Caucasus Mountains formed largely as the Arabian plate moved northwards with respect to the Eurasian plate. [3D view](#)



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