

Sentinel Vision
SED-1268
14 April 2023

Shiveluch volcanic eruption, Kamchatka, Russia

Sentinel-2 MSI acquired on 02 April 2023 and 12 April 2023

Sentinel-3 OLCI FR acquired on 11 April 2023 at 23:26:54 UTC

Sentinel-5P TROPOMI SO2 acquired on 11 April 2023, 12 April 2023 and 13 April 2023

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Keyword(s): Volcano eruption, plume, atmosphere, Shiveluch, Kamchatka, Russia

[2D Layerstack](#)

Fig. 1 - S3 OLCI (11.04.2023) - 10,6,3 natural colour - The Shiveluch stratovolcano located in the Kamchatka Krai, Russia.

[3D view](#)

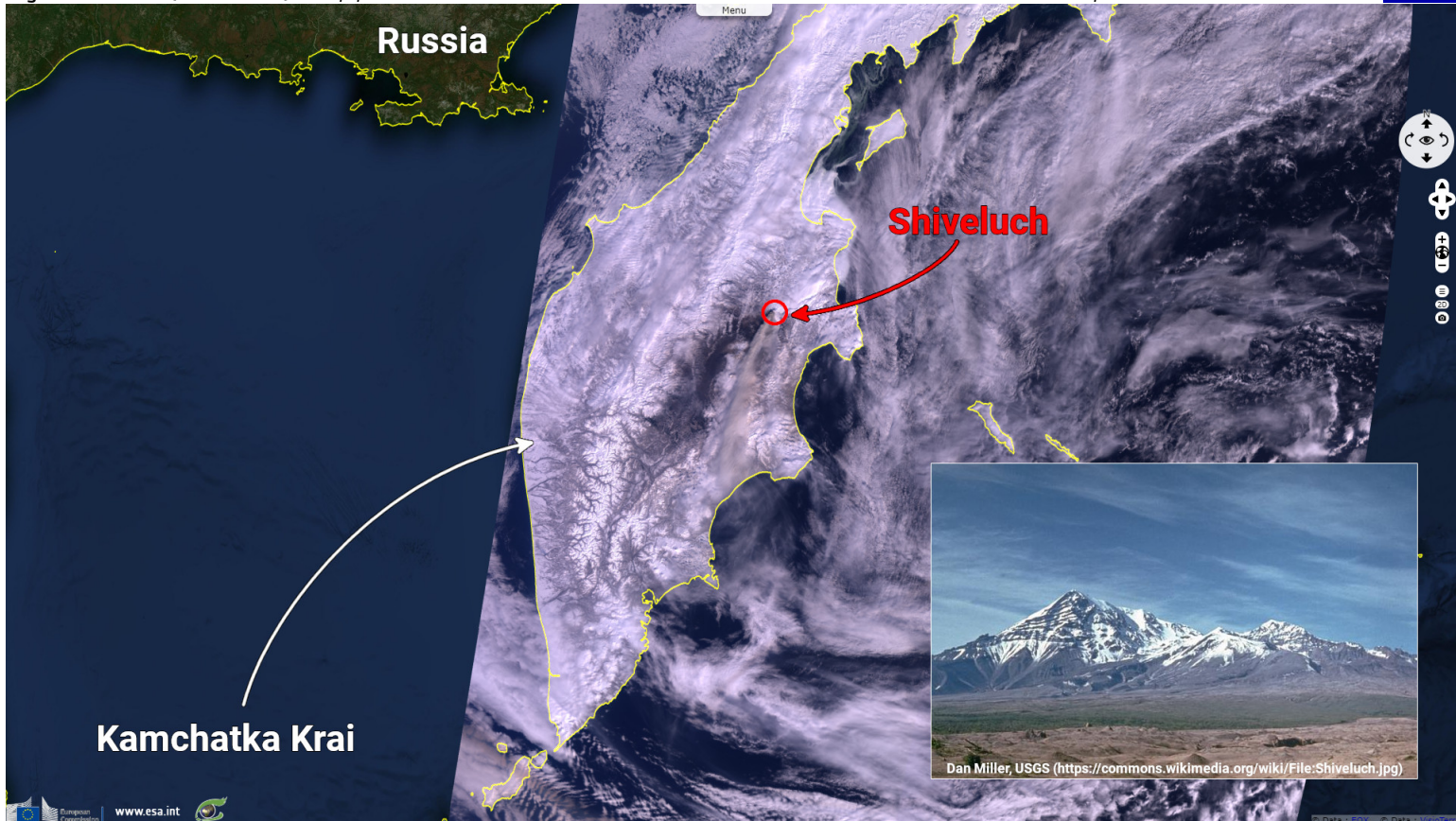


Fig. 2 - S2 (02 & 12.04.2023) - 12,11,4 colour composite - The volcano erupted on the 11 April 2023 and released gas and ash cloud.

[3D view](#)

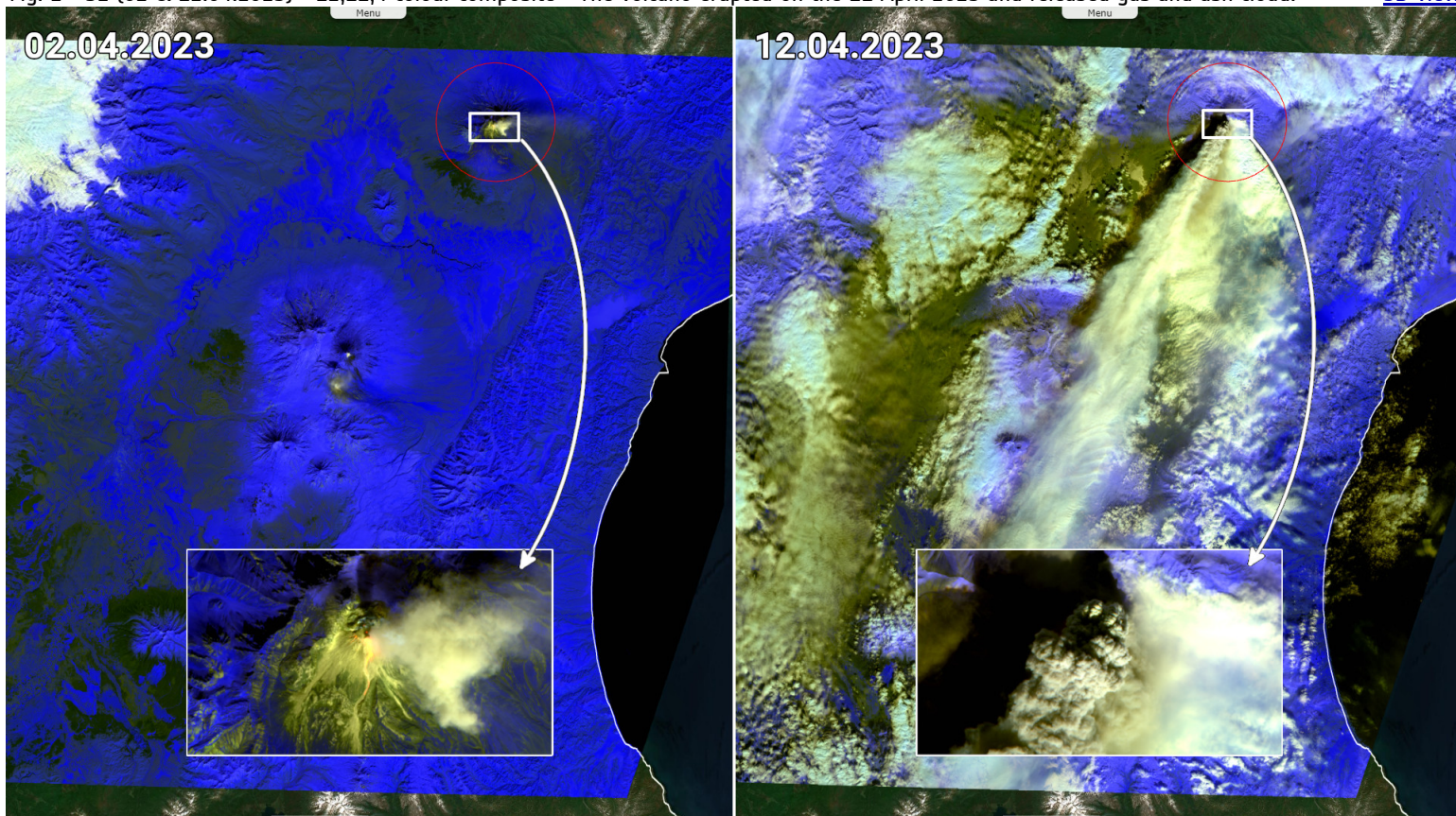
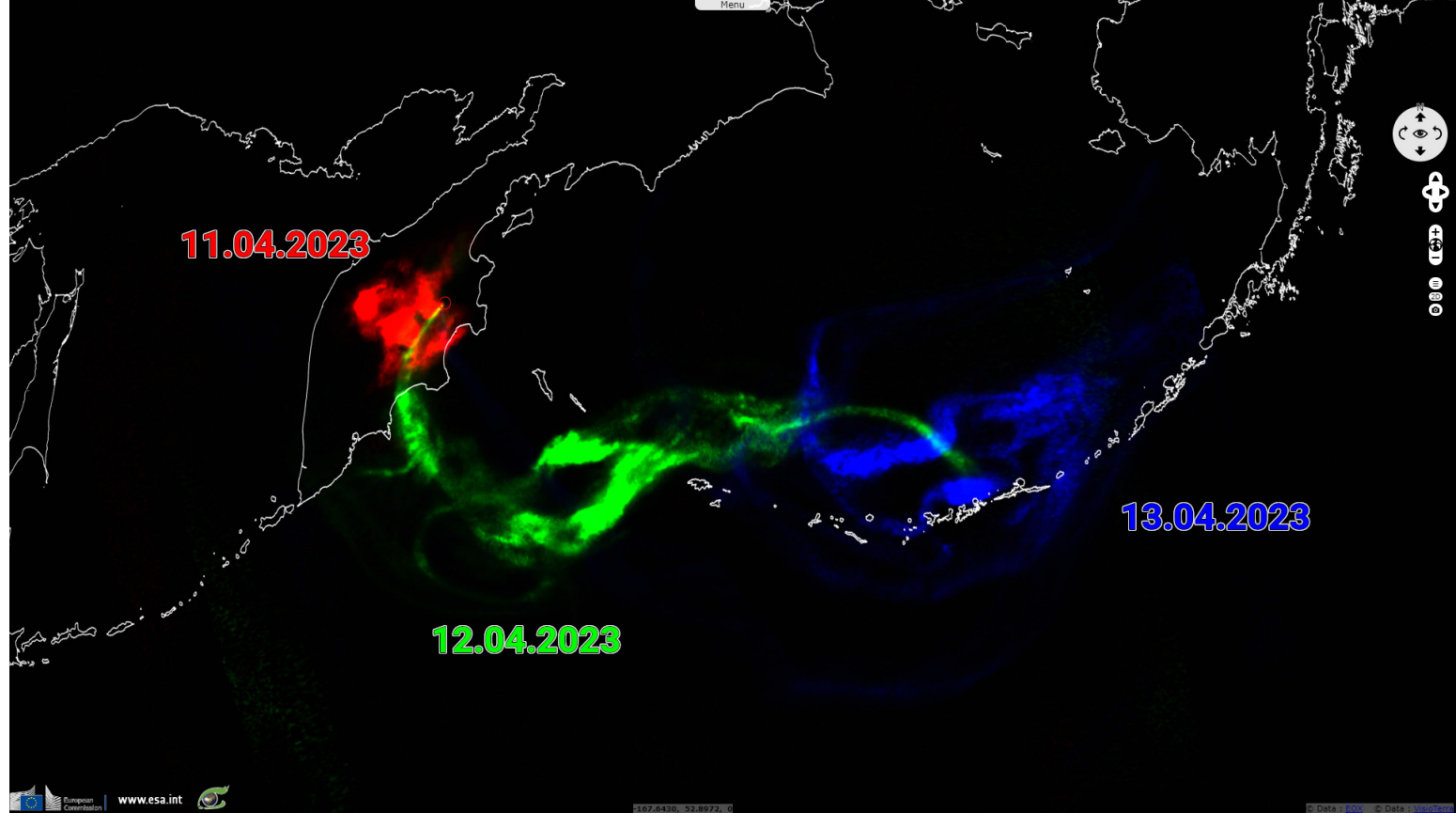


Fig. 3 - S5P (11 & 12 & 13.04.2023) - Sulfur Dioxide - The gas & ash cloud reached an altitude of 20 km and spread over 108.000km². [3D view](#)



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