

Wolf volcano roars & spits lava, Galapagos, Ecuador

Sentinel-5P TROPOMI SO2 acquired on 07 January 2022 at 20:02:40 UTC
Sentinel-3 SLSTR LST & RBT acquired on 08 January 2022 at 15:52:20 UTC

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Sentinel-2 MSI acquired on 11 January 2022 at 16:33:09 UTC
Sentinel-3 SLSTR LST & RBT acquired on 12 January 2022 at 15:48:35 UTC

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[2D Layerstack](#)

Fig. 1 - S5P TROPOMI (07-13.01.2022) - Mean sulfur dioxide total column over Galapagos archipelago, 1000 km west of mainland Ecuador. [2D view](#)

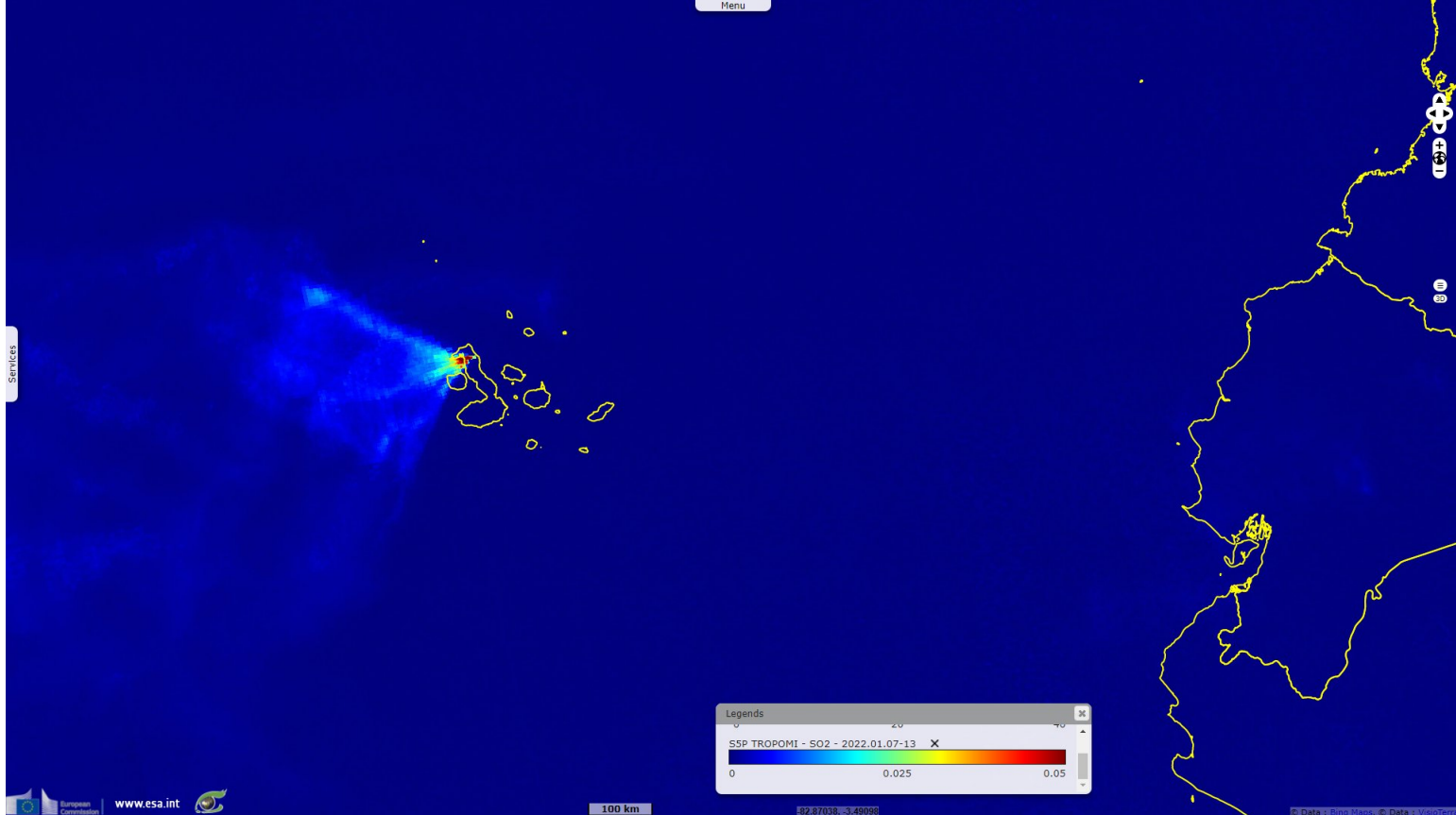


Fig. 2 - S3 SLSTR (08-12.01.2022) - Blue ellipses indicate the cold top of the calderas, the warm lava is visible flowing S-E of Wolf volcano. [2D view](#)

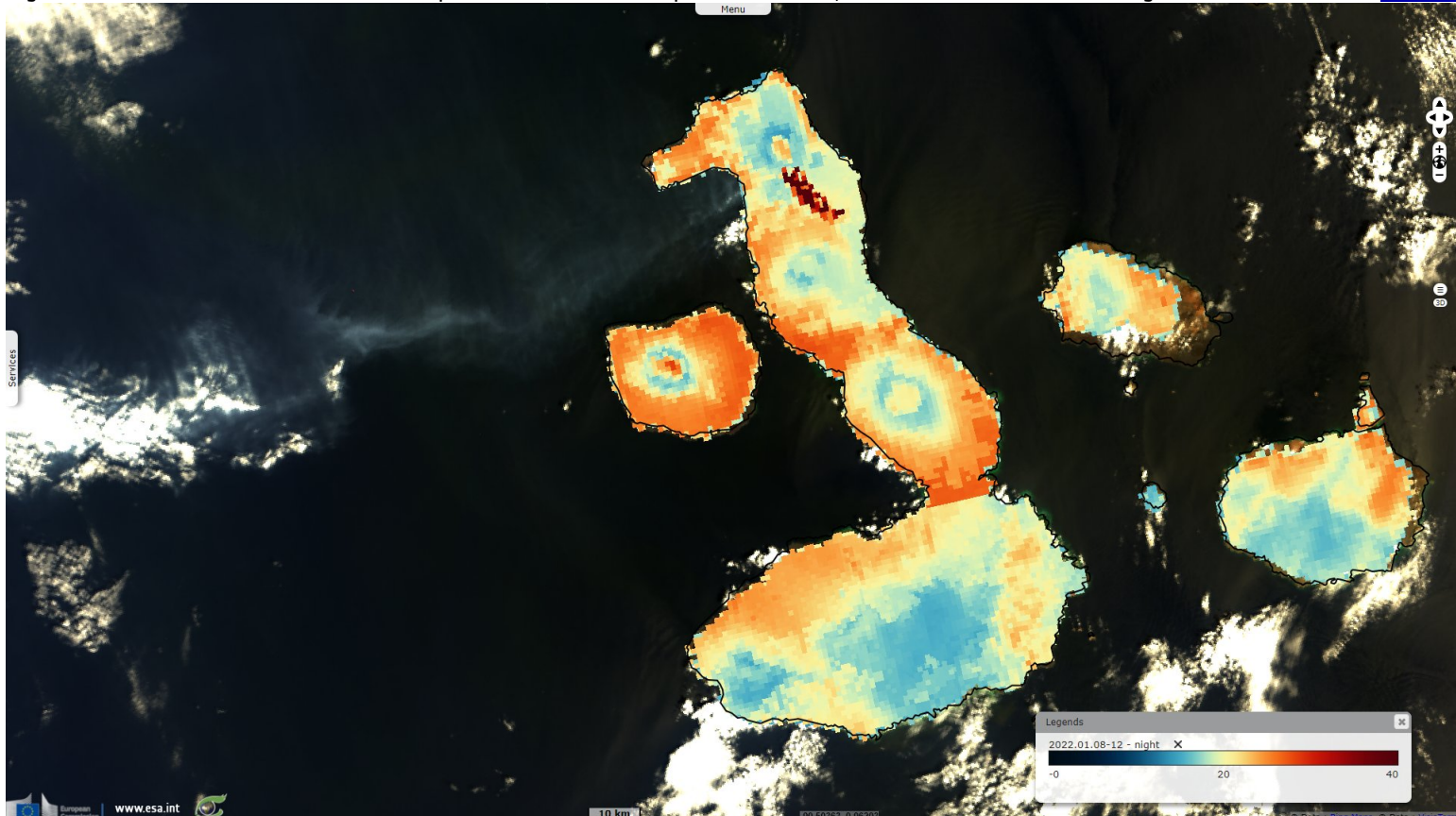


Fig. 3 - S3 OLCI (08.01.2022) - Located in Isabela island, Wolf volcano and the area above the lava flow are some of the few cloud free areas.

[2D view](#)

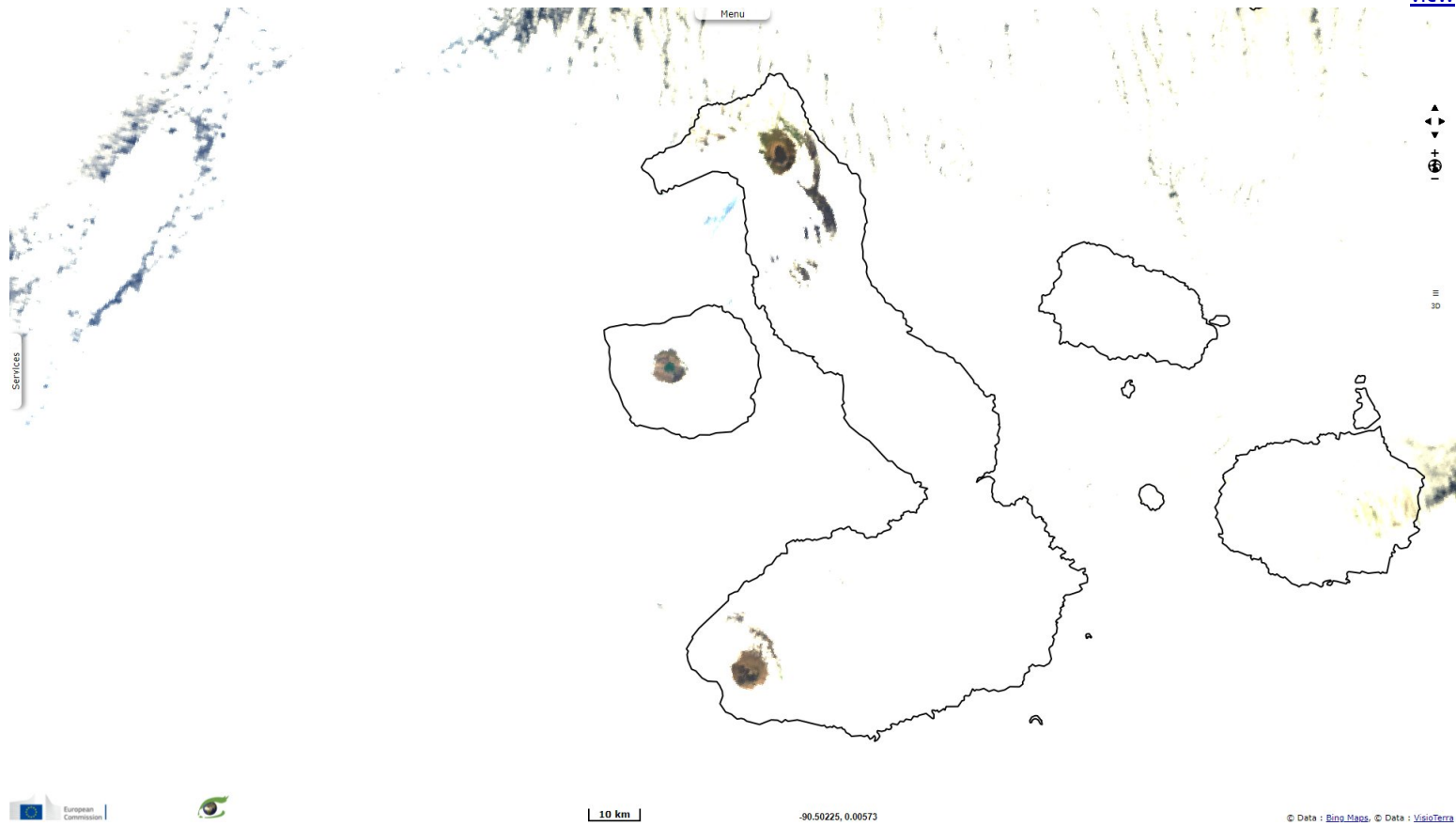


Fig. 4 - S2 (11.01.2022) - View of the lava flowing toward the sea. It does not originate from from caldera but from a flank fissure. [2D view](#) [3D view](#)

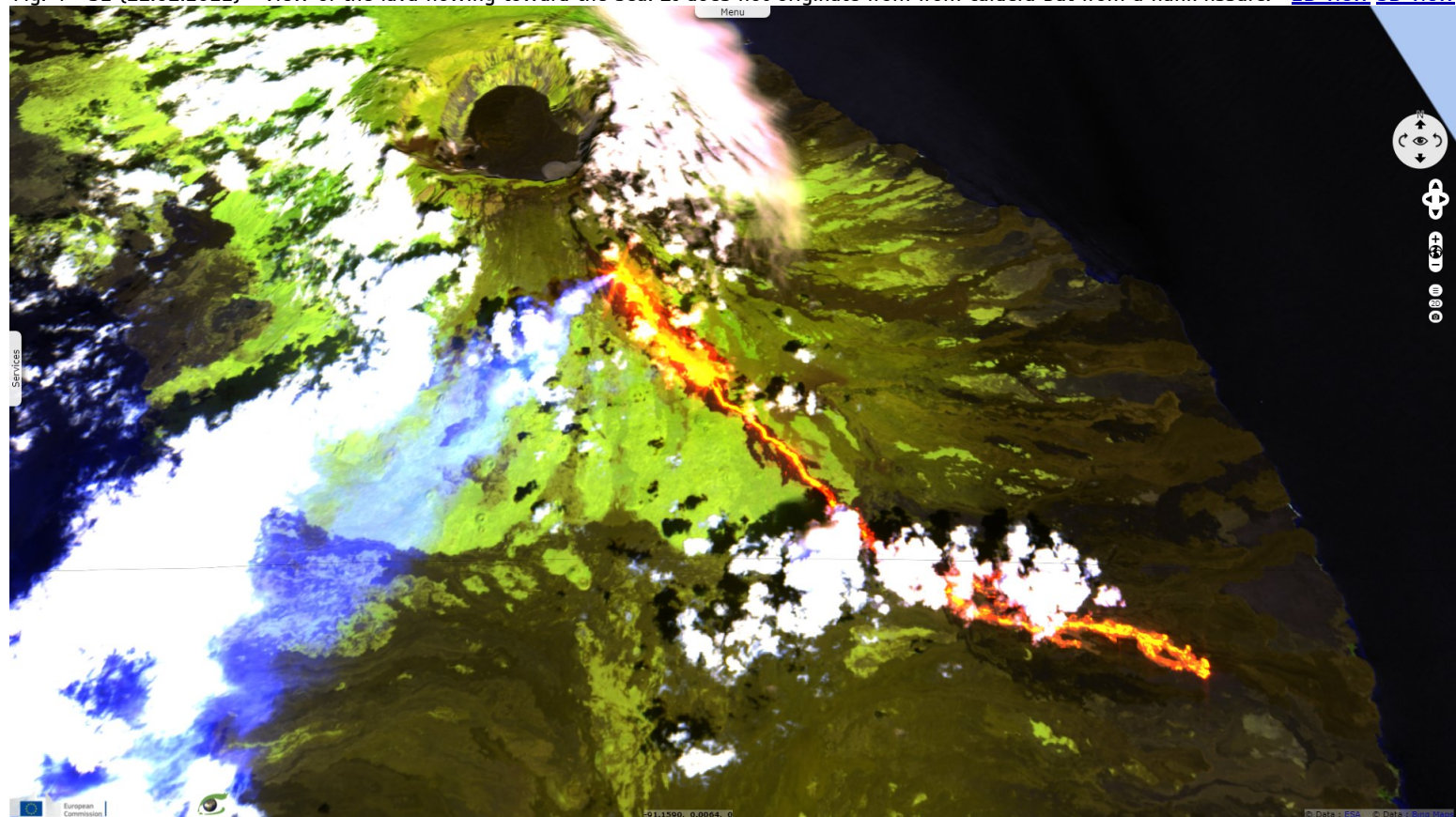
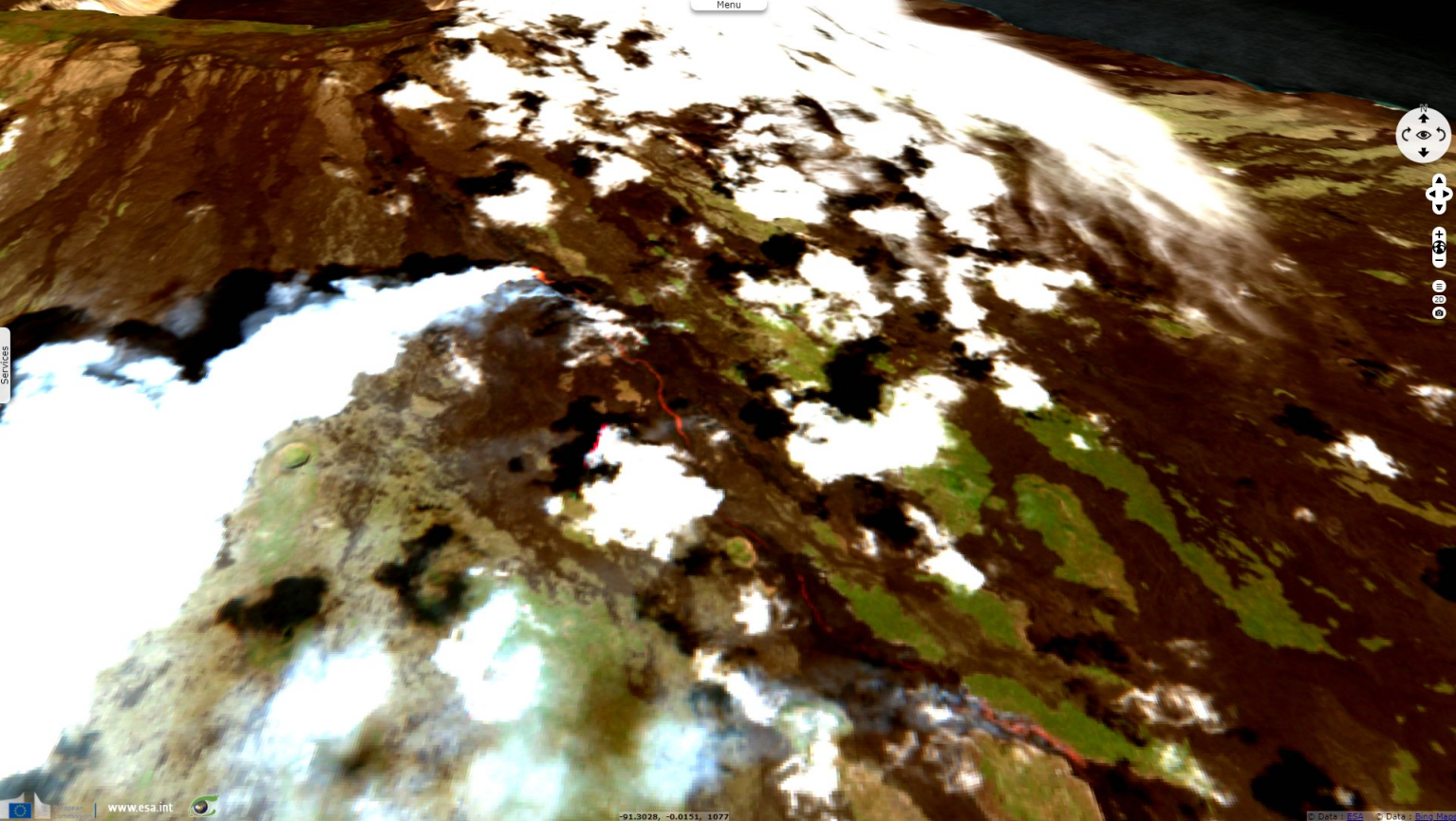


Fig. 5 - S2 (11.01.2022) - View in natural colour showing the hottest of the lava in red.



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
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