

Lava flows progress after Etna waked up, Sicily, Italy

Sentinel-2 MSI acquired on 08 November 2022 at 09:52:21 UTC

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Sentinel-2 MSI acquired on 20 December 2022 at 09:43:19 UTC

Sentinel-5P TROPOMI SO2 acquired on 03 January 2023 at 12:19:00 UTC

Sentinel-2 MSI acquired on 04 January 2023 at 09:44:11 UTC

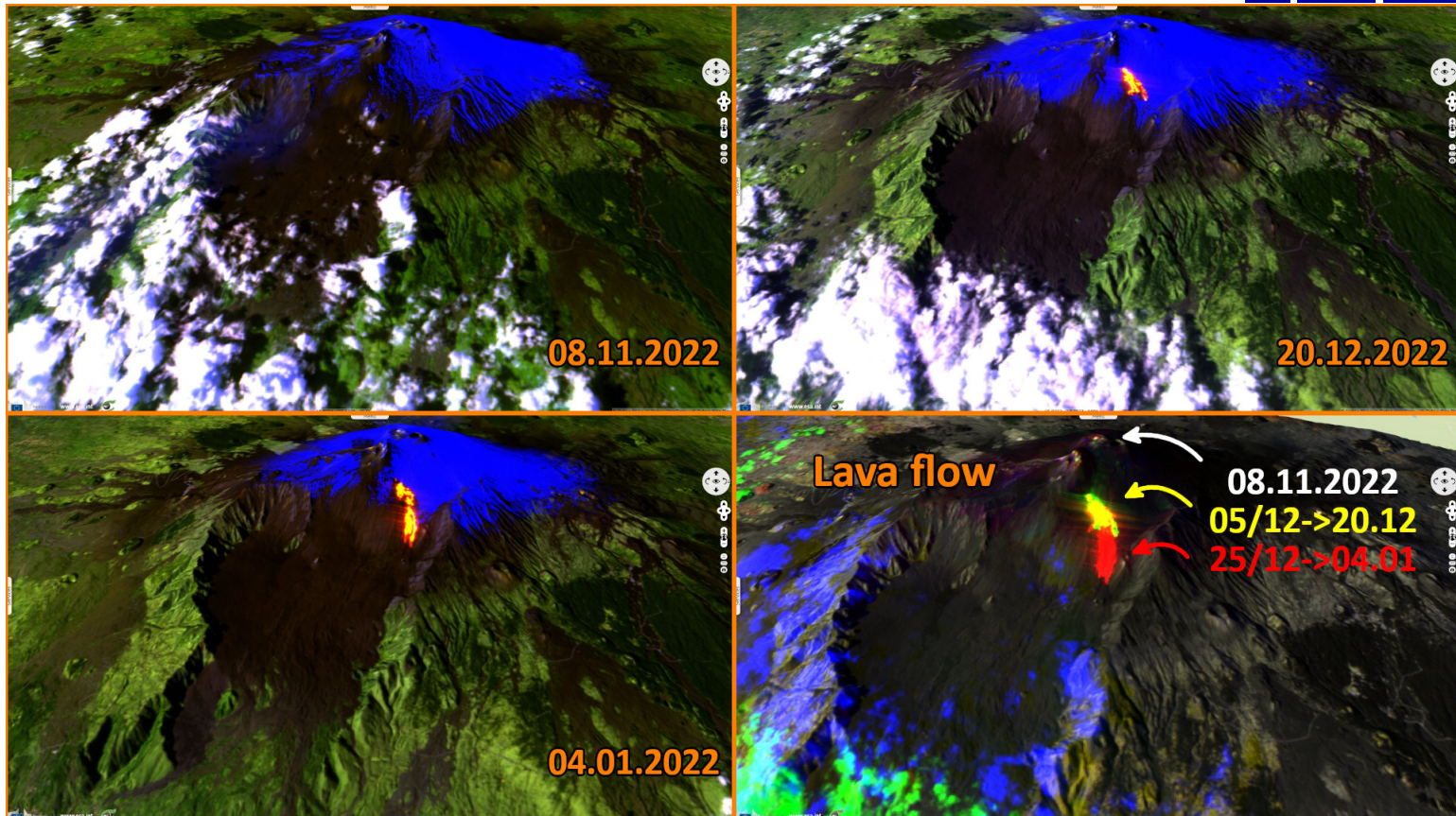
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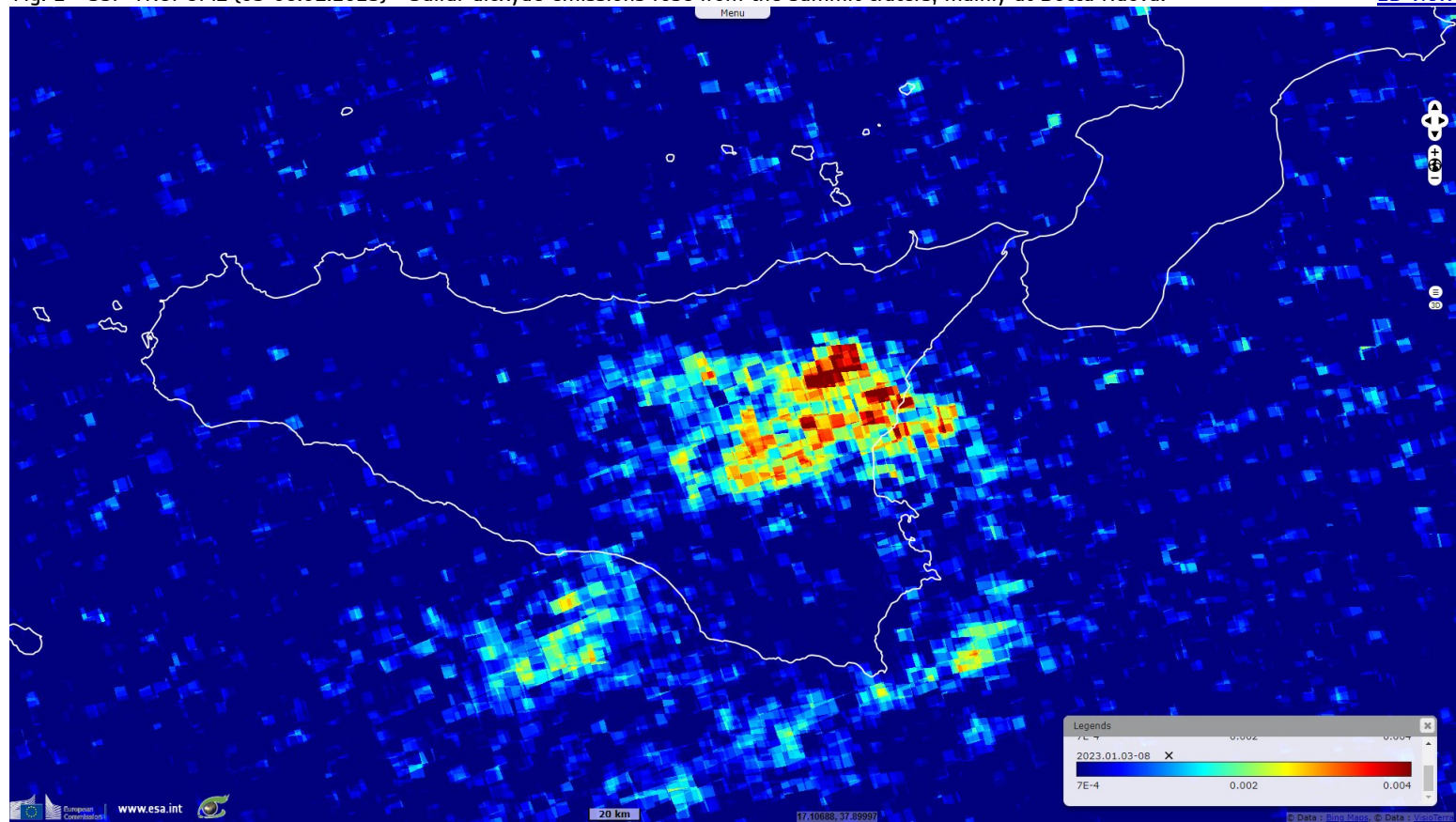
[2D Layerstack](#)

Fig. 1 - S2 (08.11.2022 / 20.12.2022 / 04.01.2023) - Etna awoke in December 2022 and kept spewing lava through early January 2023. [3D view](#) [3D view](#) [3D view](#)



The vents at the North-east base of Etna's South-East Crater, in the Valle del Leone at about 2800m elevation, continued to feed lava flows during 2-8 January. The active flow field consisted of overlapping lava flows that expanded into the Valle del Leone and the Valle del Bove and hornitos. By 7 January the longest active lava flow had descended to 2170m elevation, and the area of the flow field was an estimated 0.63 km² according to Smithsonian Institution..

Fig. 2 - S5P TROPOMI (03-08.01.2023) - Sulfur dioxide emissions rose from the summit craters, mainly at Bocca Nuova. [2D view](#)



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