

Etna eruption leaves a scar in the snow, Sicily, Italy

Sentinel-1 CSAR IW acquired on 04 February 2022 at 16:56:24 UTC

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Sentinel-2 MSI acquired on 11 February 2022 at 09:51:31 UTC

Sentinel-5P TROPOMI SO2 acquired on 11 February 2022 at 12:33:09 UTC

Sentinel-1 CSAR IW acquired on 16 February 2022 at 16:56:24 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (08.02.2022) - Etna was capped in snow in Early February 2022.

[2D view](#)

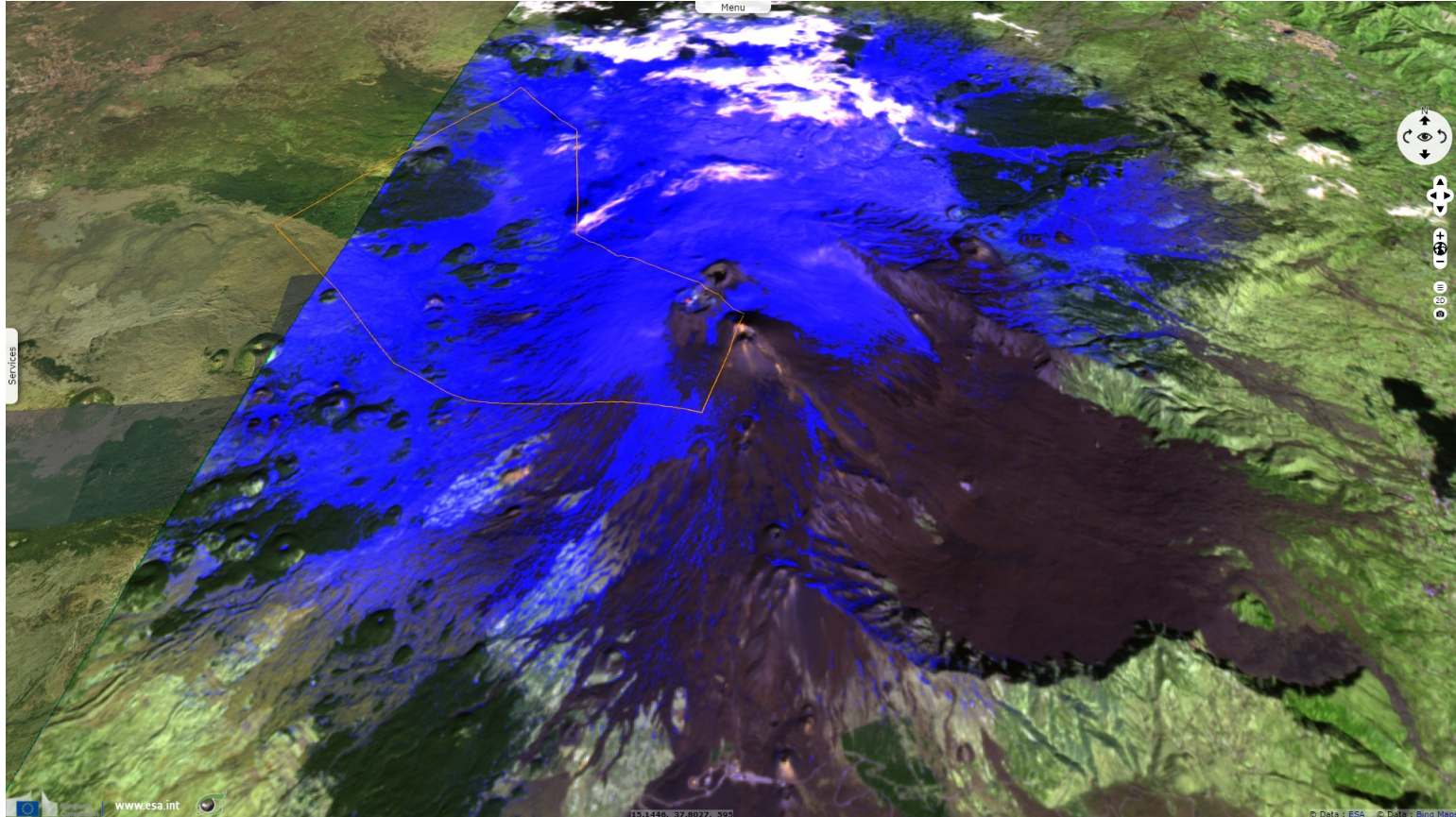


Fig. 2 - S2 (11.02.2022) - After an eruption, an ashfall melted the snow on a part of its western flank.

[2D view](#)

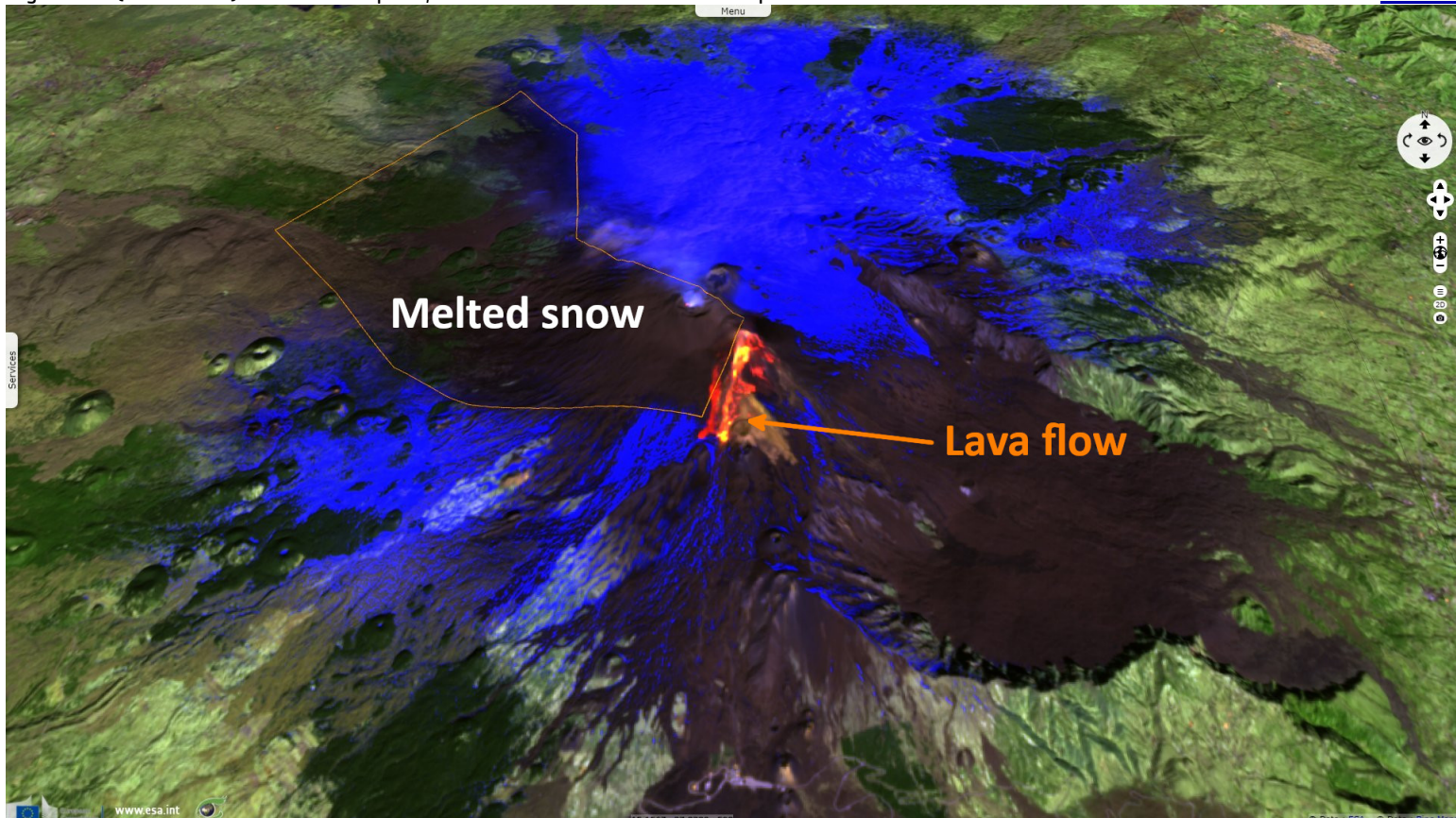


Fig. 3 - S1 (04.02.2022) - Radar view before the lava flow.

[2D view](#)

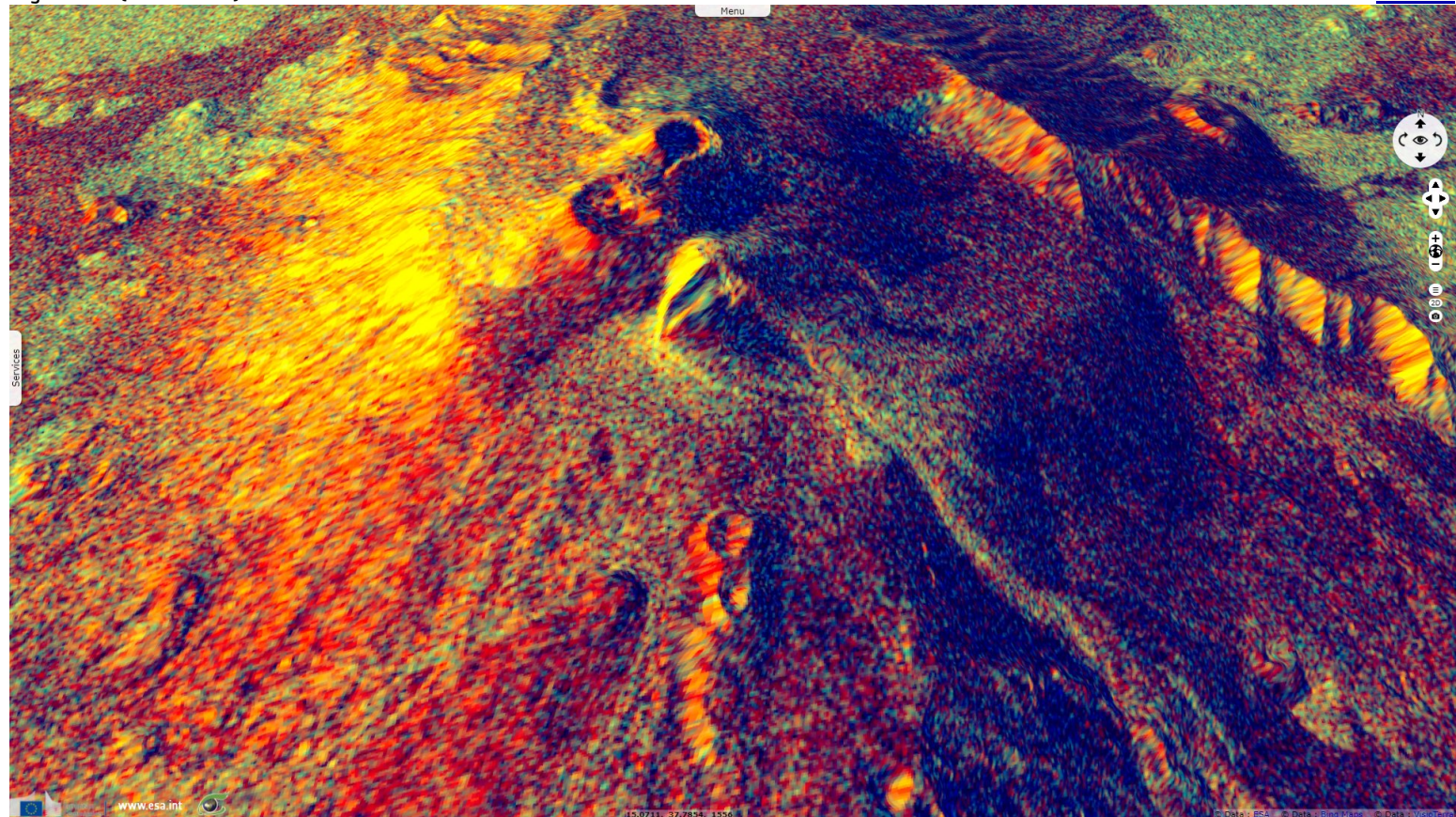


Fig. 4 - S1 (16.02.2022) - The lava flowed south, as shown by the Sentinel-1 image.

[2D view](#)

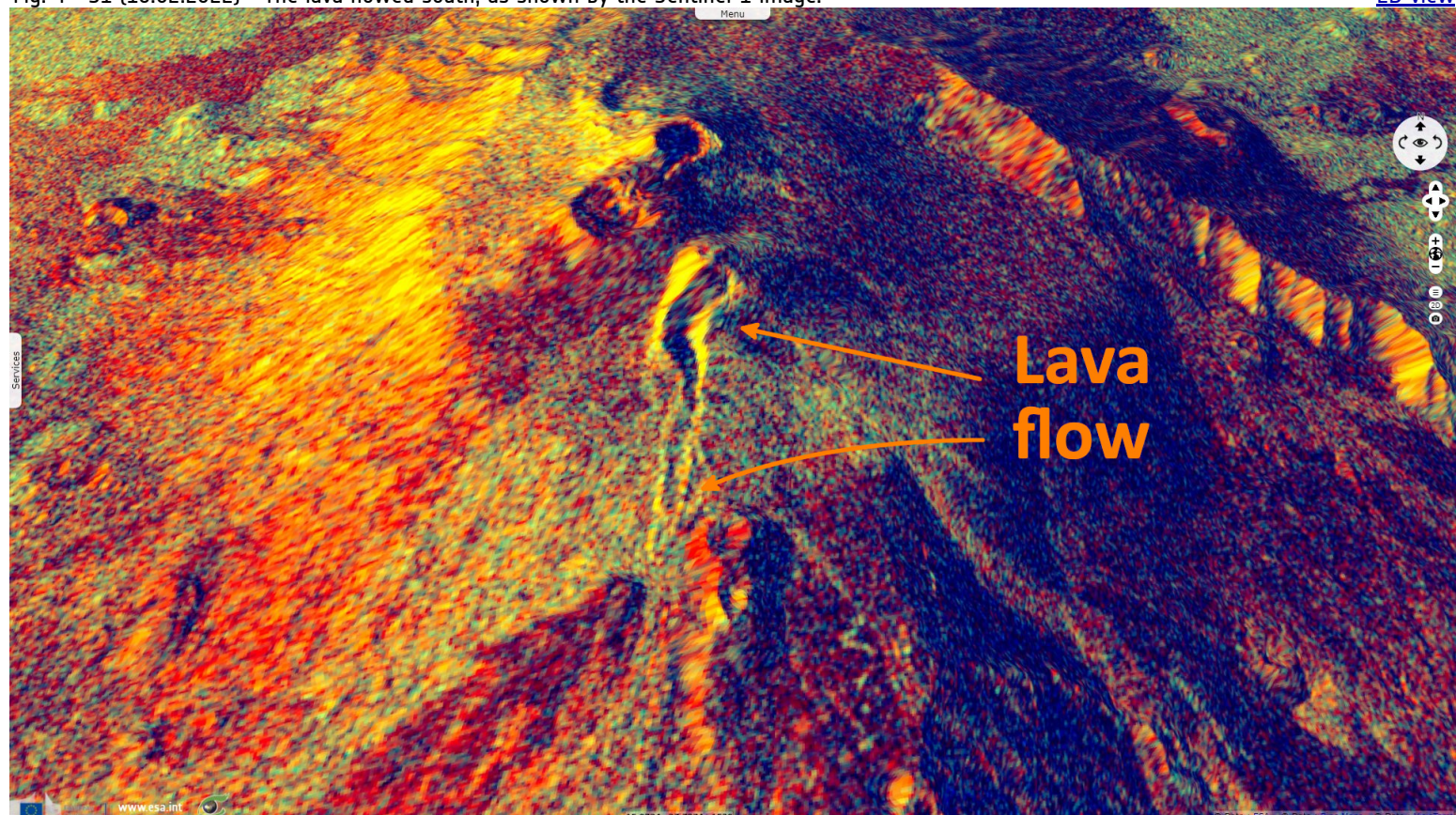


Fig. 5 - S5P TROPOMI (11.02.2022) - Sulfure Dioxide column - The wind blew the SO2 plume toward north-east, then toward north-west. [2D view](#)

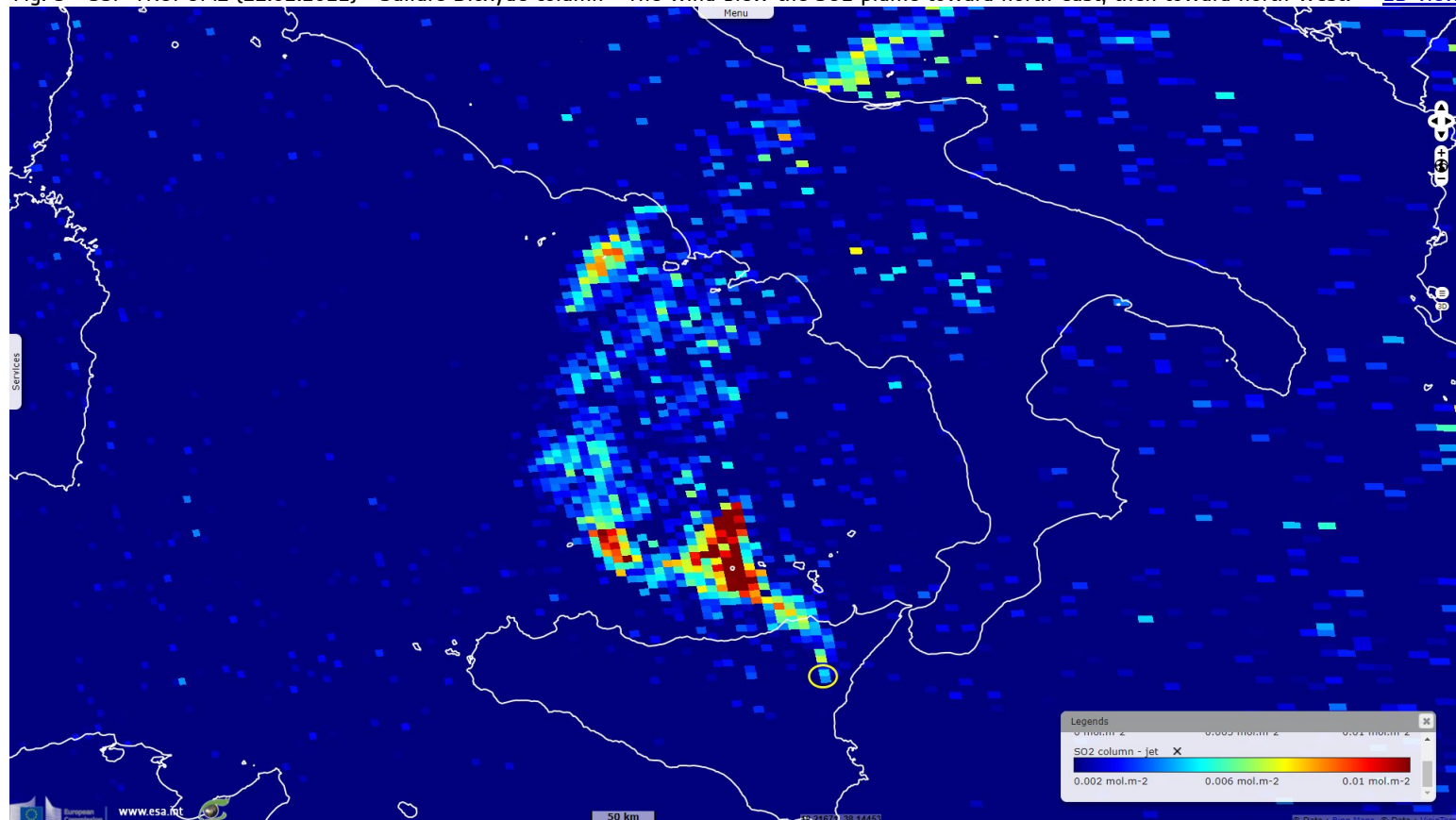
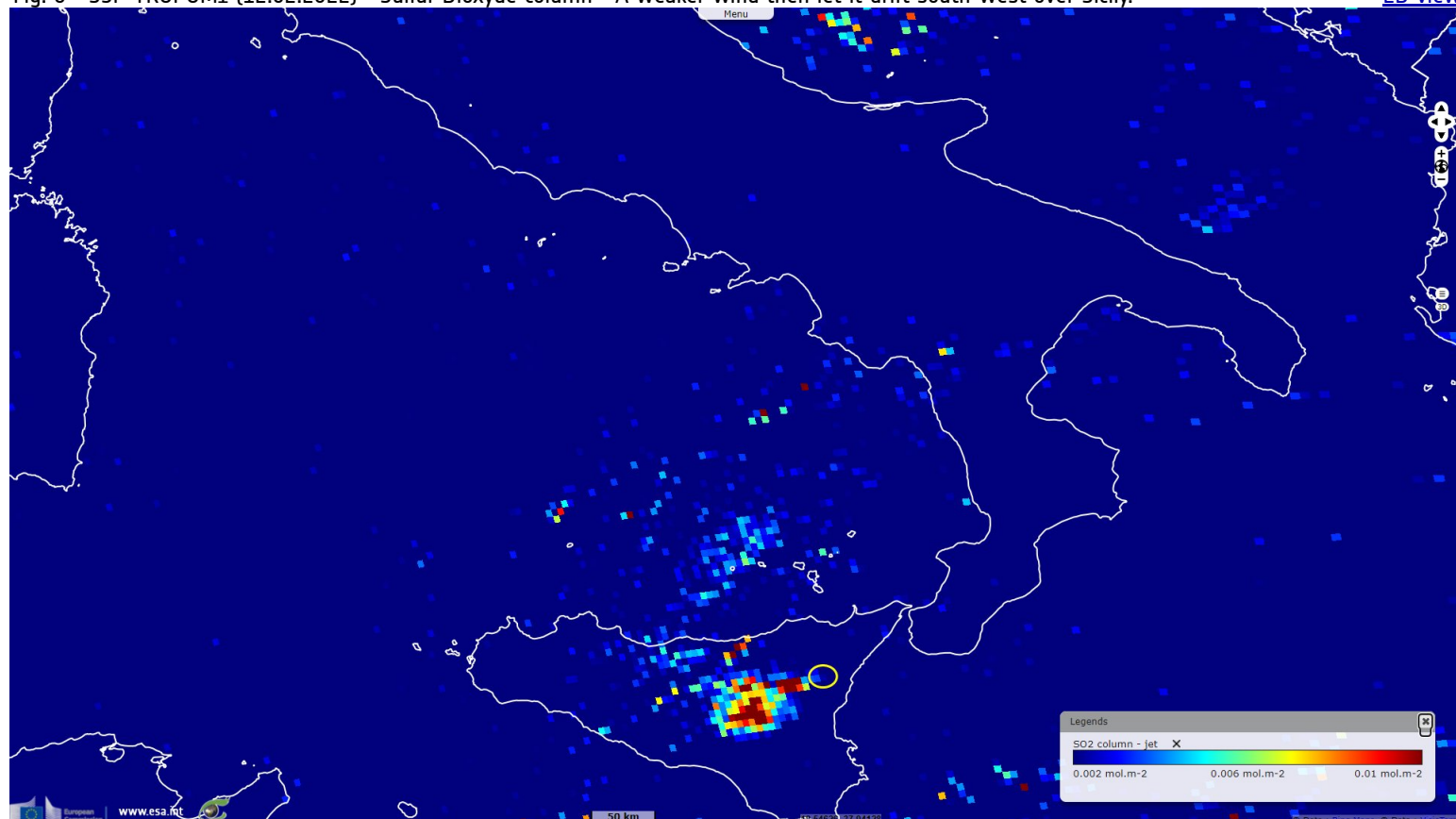


Fig. 6 - S5P TROPOMI (12.02.2022) - Sulfur Dioxide column - A weaker wind then let it drift south-west over Sicily. [2D view](#)



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