

New dome on la Soufriere volcano, Saint Vincent

Sentinel-2 MSI acquired on 09 December 2020 at 14:37:21 UTC
Sentinel-1 CSAR IW acquired on 19 December 2020 at 09:51:17 UTC
Sentinel-1 CSAR IW acquired on 31 December 2020 at 09:51:16 UTC
Sentinel-1 CSAR IW acquired on 31 December 2020 at 22:18:42 UTC
Sentinel-2 MSI acquired on 03 January 2021 at 14:37:29 UTC

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[2D Layerstack](#)

Fig. 1 - S1 (31.12.2020) - St Vincent is the main Island of the state of St. Vincent & the Grenadines located in the S-E of the Lesser Antilles. [2D view](#)

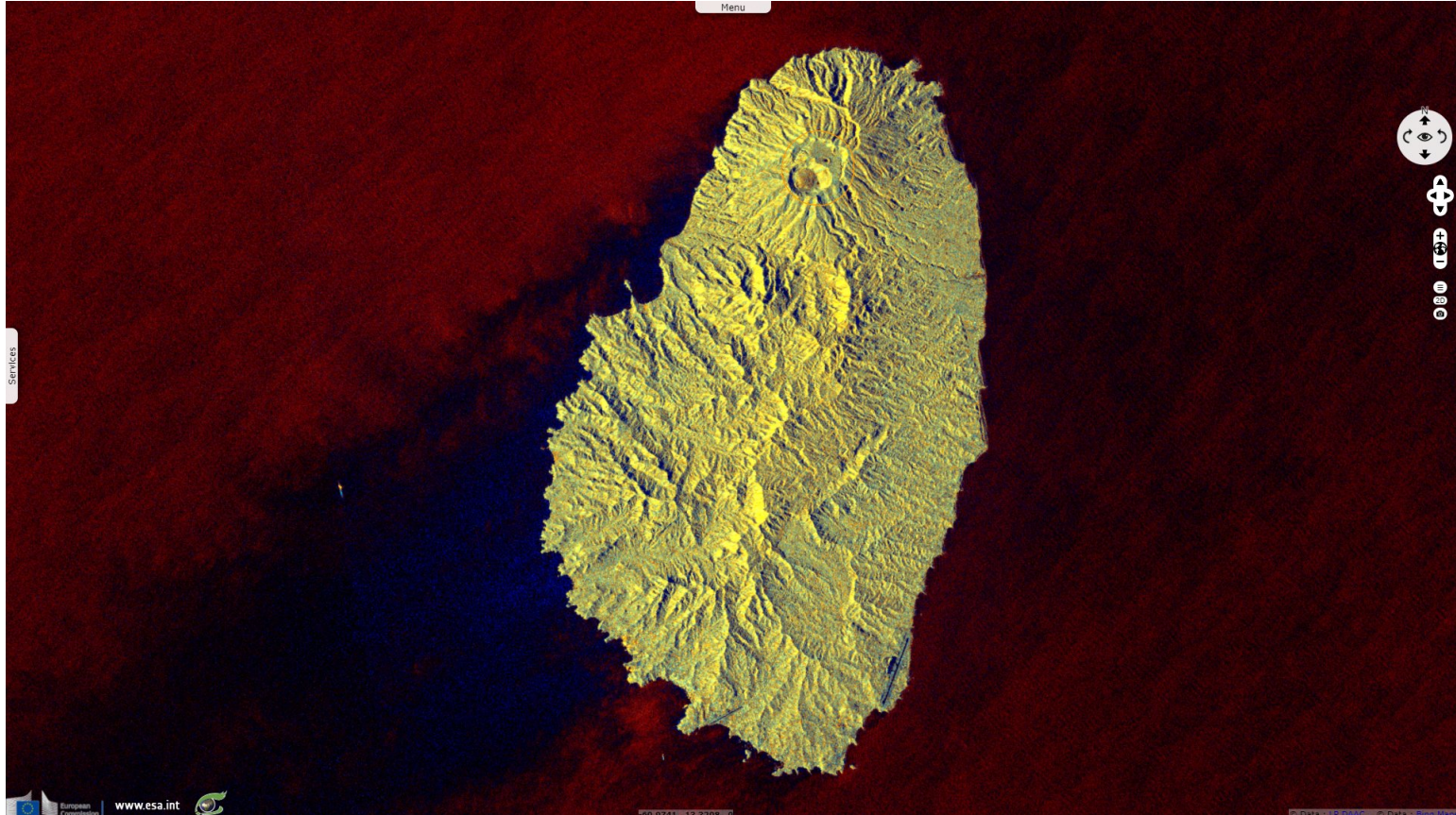


Fig. 2 - S1 (19.12.2020) - The island's (as well as the country's) highest peak is the volcanic Soufrière at 1234 m, at north of the Island. [2D view](#)

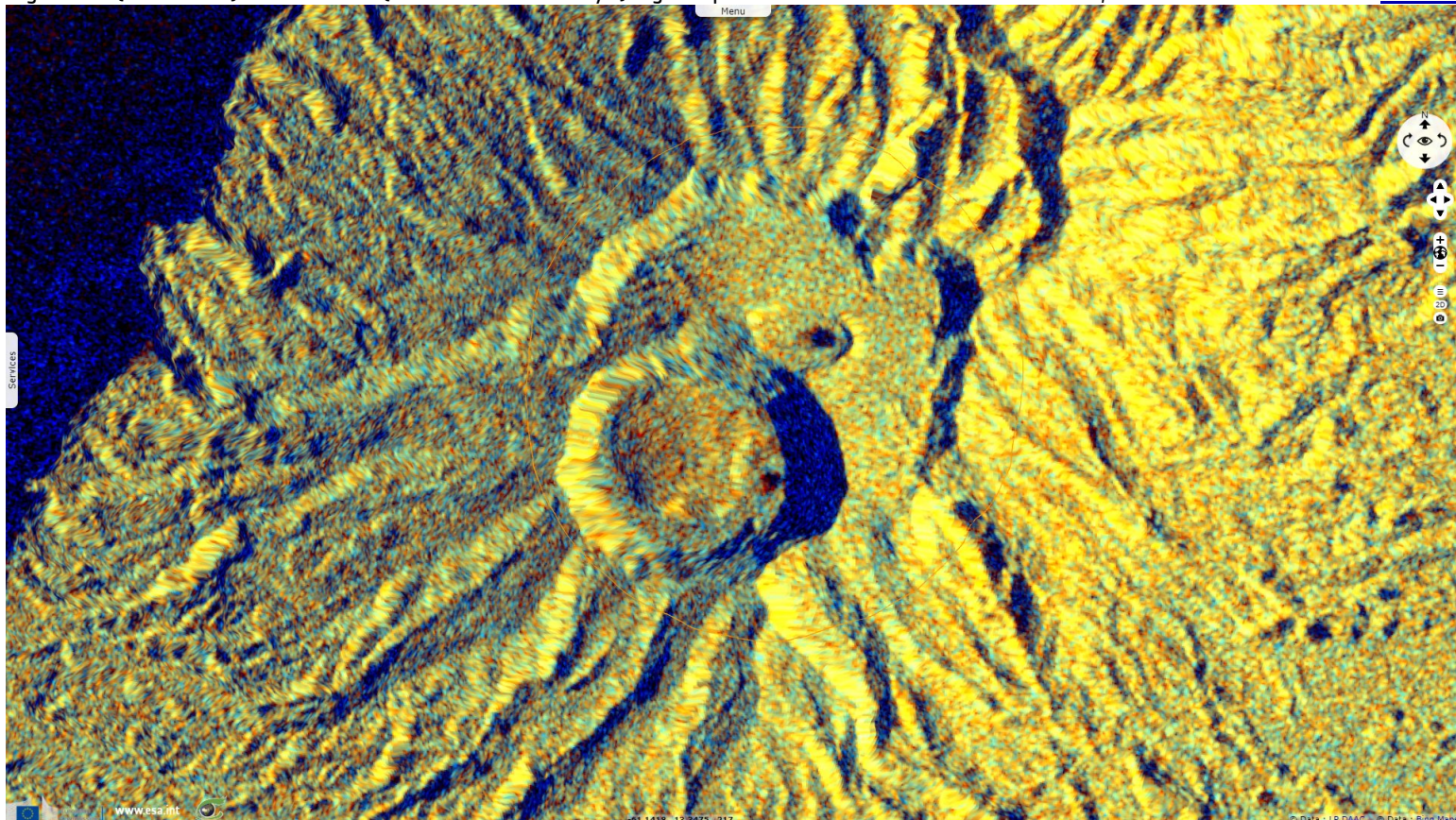
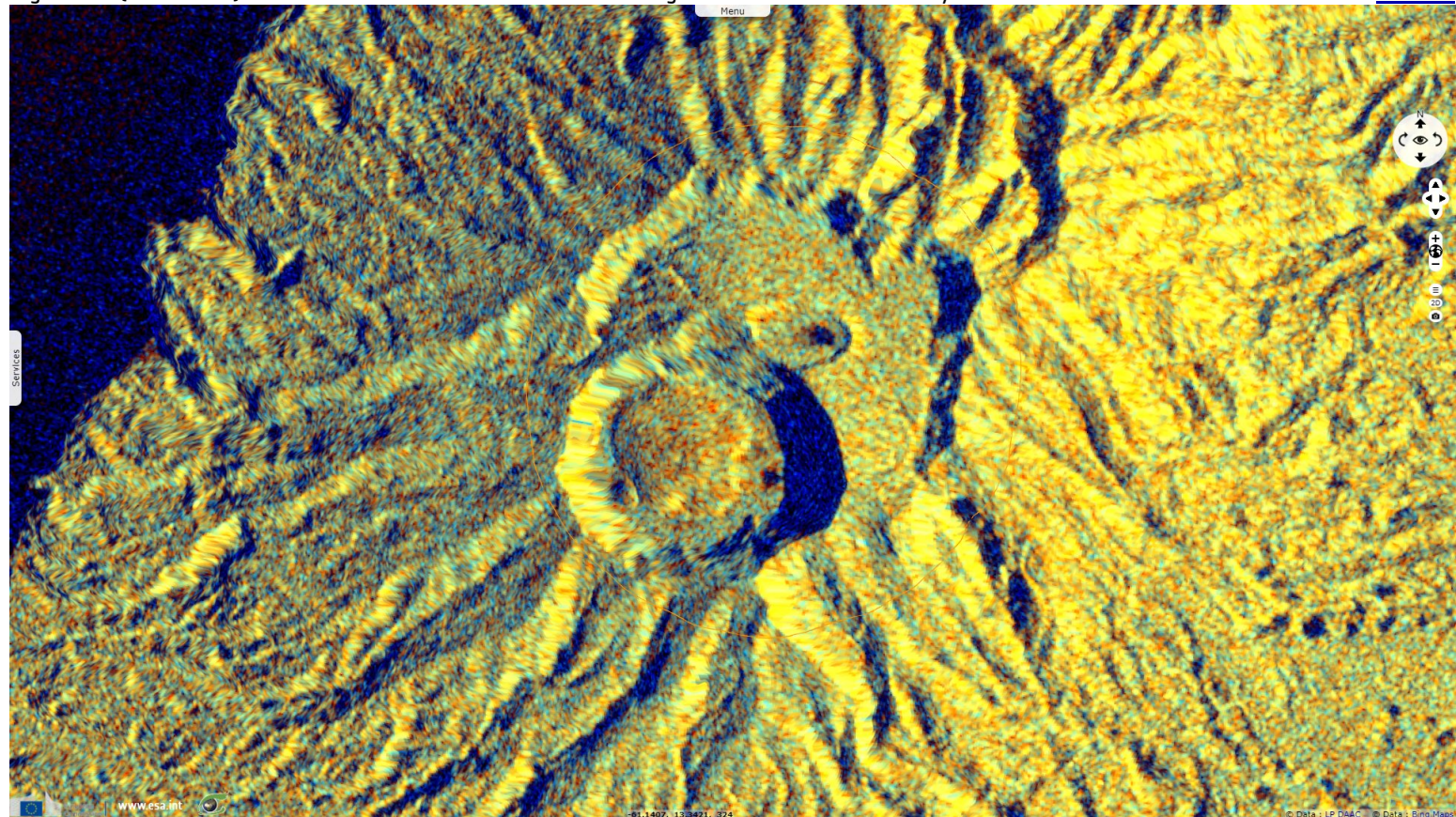


Fig. 3 - S1 (31.12.2020) - A new lava dome formed on the WSW edge of Soufrière in the last days of December.

[2D view](#)



La Soufrière has a recorded history of violent eruptions.

Fig. 4 - S2 (09.12.2020) - At west, notice the beach of dark sand below the dome.

[2D view](#)

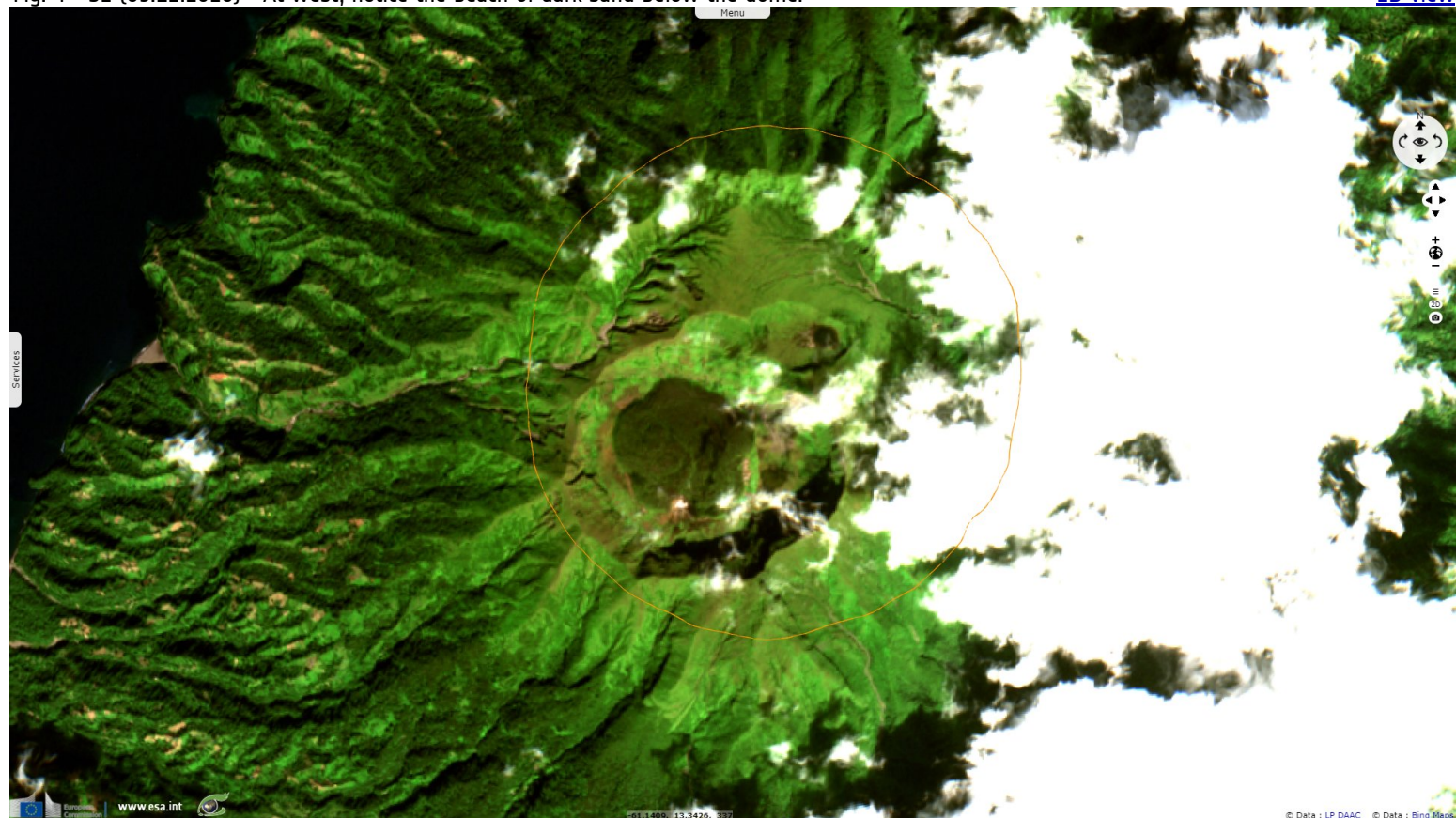


Fig. 5 - S2 (03.01.2020) - The steamy dome shows in brown surrounded by green landscape in the lower floor of the crater.

[2D view](#)

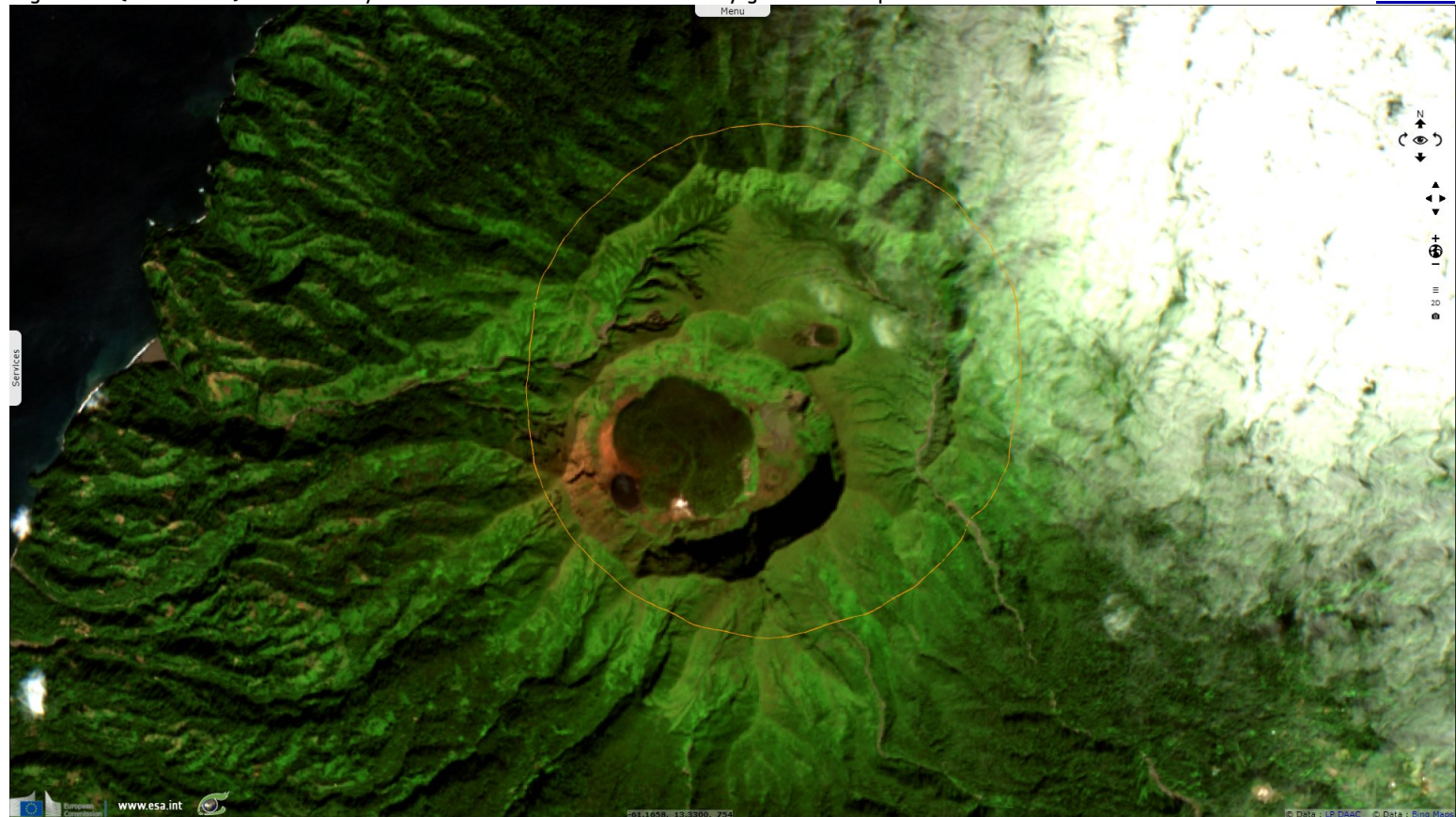


Fig. 6 - S2 (03.01.2020) - Heat is still intense enough to be visible in mid infrared.

[2D view](#)



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