

# The eruption of Krýsuvík-Trölladyngja resumes, Iceland

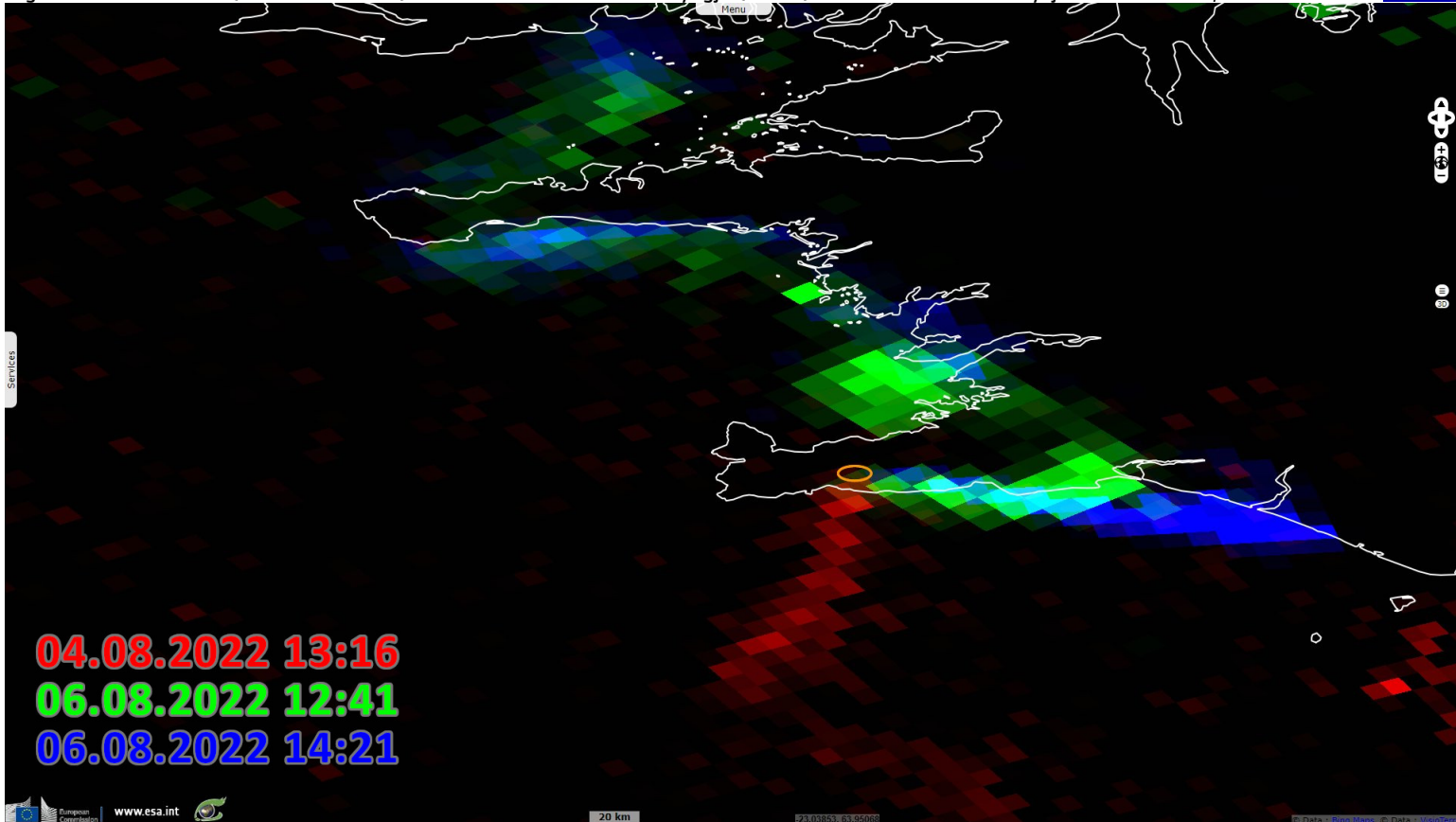
Sentinel-3 SLSTR LST acquired from 03 August 2022 at 23:16:19 to 15 August 2022 at 23:05:04 UTC  
Sentinel-5P TROPOMI SO2 acquired from 04 August 2022 at 13:16:37 to 06 August 2022 at 14:21:36 UTC  
Sentinel-1 CSAR IW acquired on 01 August 2022 & 13 August 2022 from 18:59:00 to 18:59:25 UTC  
Sentinel-2 MSI acquired on 15 August 2022 at 13:13:01 UTC

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Keyword(s): Geohazard, volcano, lava flow, atmosphere, Iceland, Mid-Atlantic ridge.

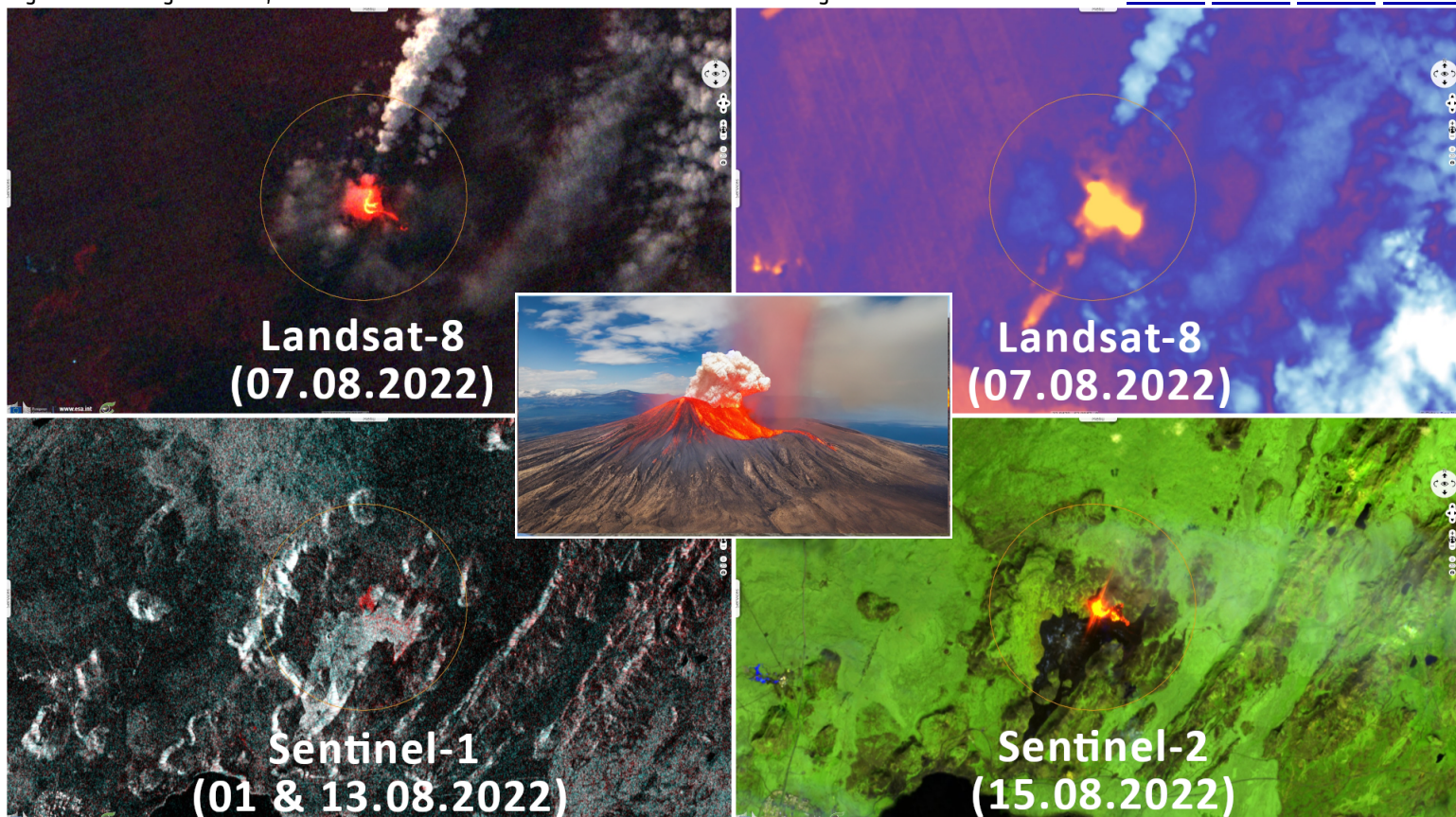
[2D Layerstack](#)













Fig. 1 - S5P TROPOMI (04 & 06.08.2022) - SO2 total column - Trölladyngja (379 m) is a volcano on the Reykjaness Peninsula, SW Iceland. [2D view](#)



A fissure eruption began at 13:18 on 3 August. The initial flow rate was 5-10 times greater than that at the start of the 2021 eruption, ~32 m<sup>3</sup>/s.

Fig. 2 - On 4 August 11:00, ~1.6 million m<sup>3</sup> of lava had covered 0.14 km<sup>2</sup>. The average flow thickness was ~11 m. [3D view](#) [3D view](#) [3D view](#) [3D view](#)



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