

# Volcano Sinabung removes its cap

Sentinel-1 CSAR IW acquired on **15 January 2018** at 11:42:08 & 23:11:19 UTC

Sentinel-2 MSI acquired on **16 February 2018** at 03:38:19 UTC

Sentinel-1 CSAR IW acquired on **20 February 2018** at 11:42:07 & 23:11:18 UTC

Sentinel-2 MSI acquired on **21 February 2018** at 03:37:51 UTC

Sentinel-2 MSI acquired on **26 February 2018** at 03:37:09 UTC

Author(s): Sentinel Vision team, VisioTerra, France - [svp@visioterra.fr](mailto:svp@visioterra.fr)

Keyword(s): Land, disaster monitoring, volcano, eruption, lahar, Sumatra, Indonesia

[2D Layerstack](#)

Fig. 1 - S1 (15.01.2018 & 20.02.2018) - vv,vh,ndi(vh,vv) colour composite - Asc pair before & after the 1.6 million m3 explosion [2D animation](#) [2D view](#)

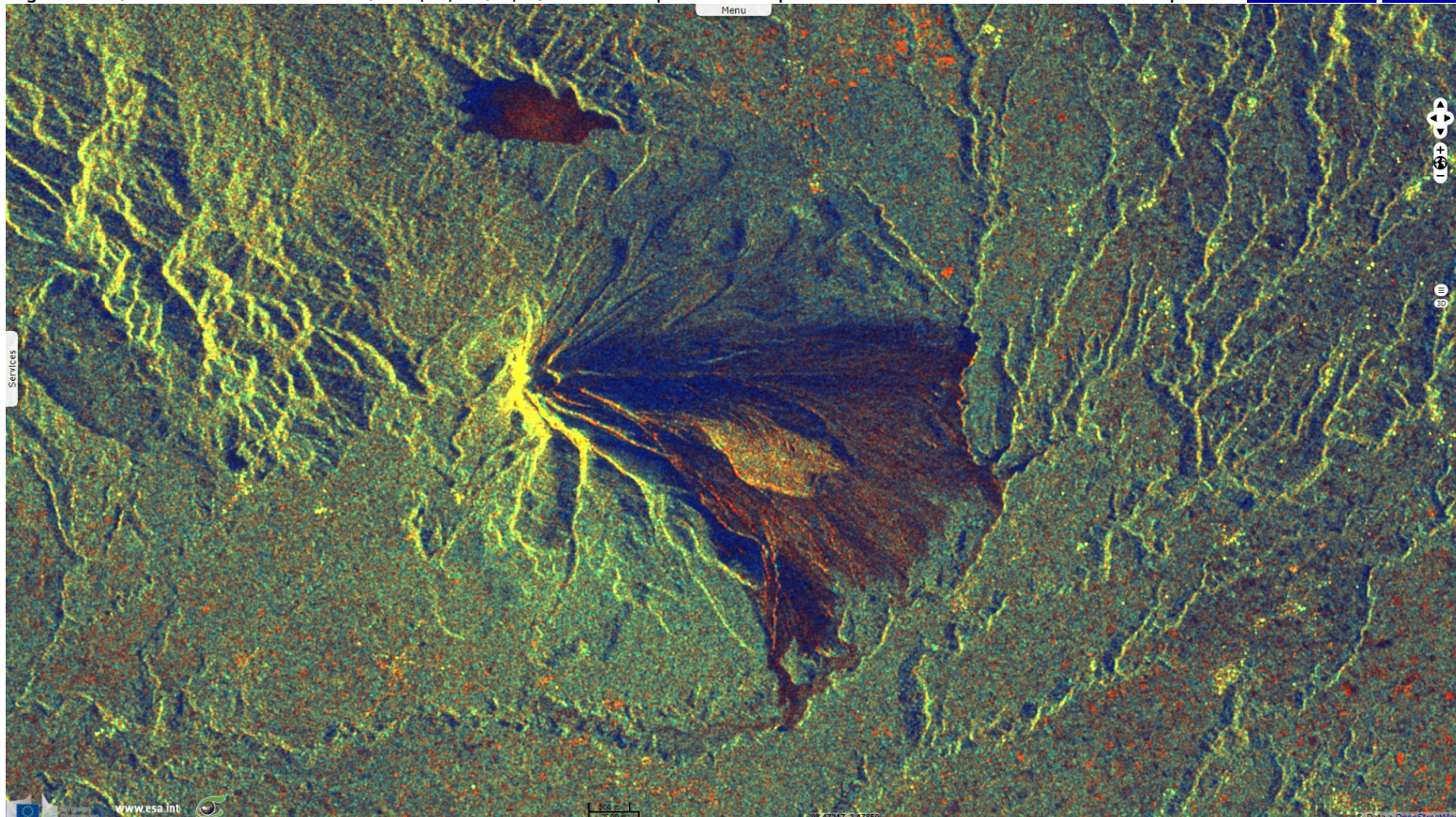


Fig. 2 - S1 IW (15.01.2018 & 20.02.2018) - After several [lava flows since 2013](#), Sinabung exploded the 19.02.2018.

[2D animation](#) [2D view](#)

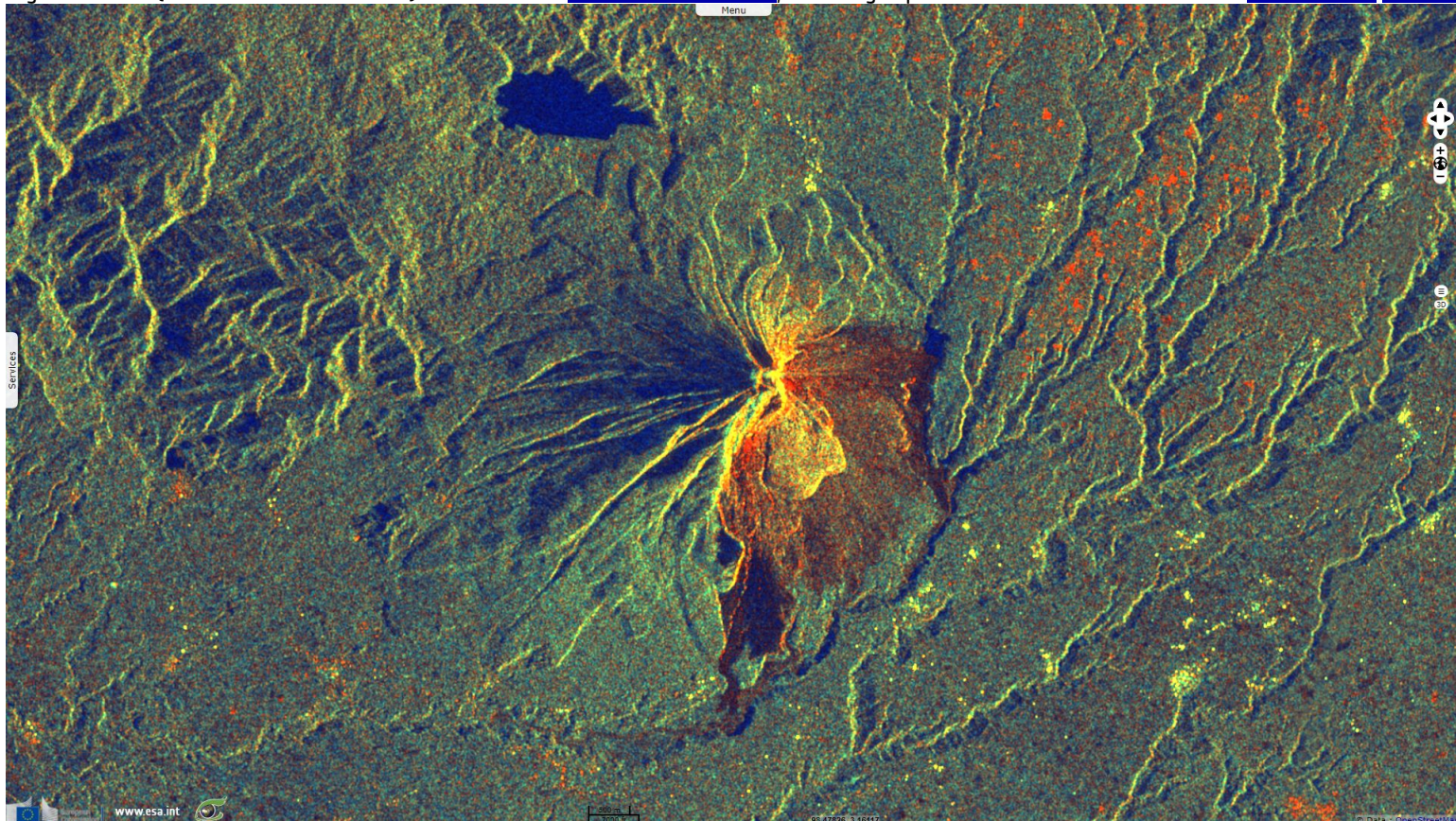




Fig. 3 - S2 MSI (16.02.2018) - 4,3,2 natural colour - Previous emissions dammed this river, creating a lake (here dark green). [2D animation](#) [2D view](#)

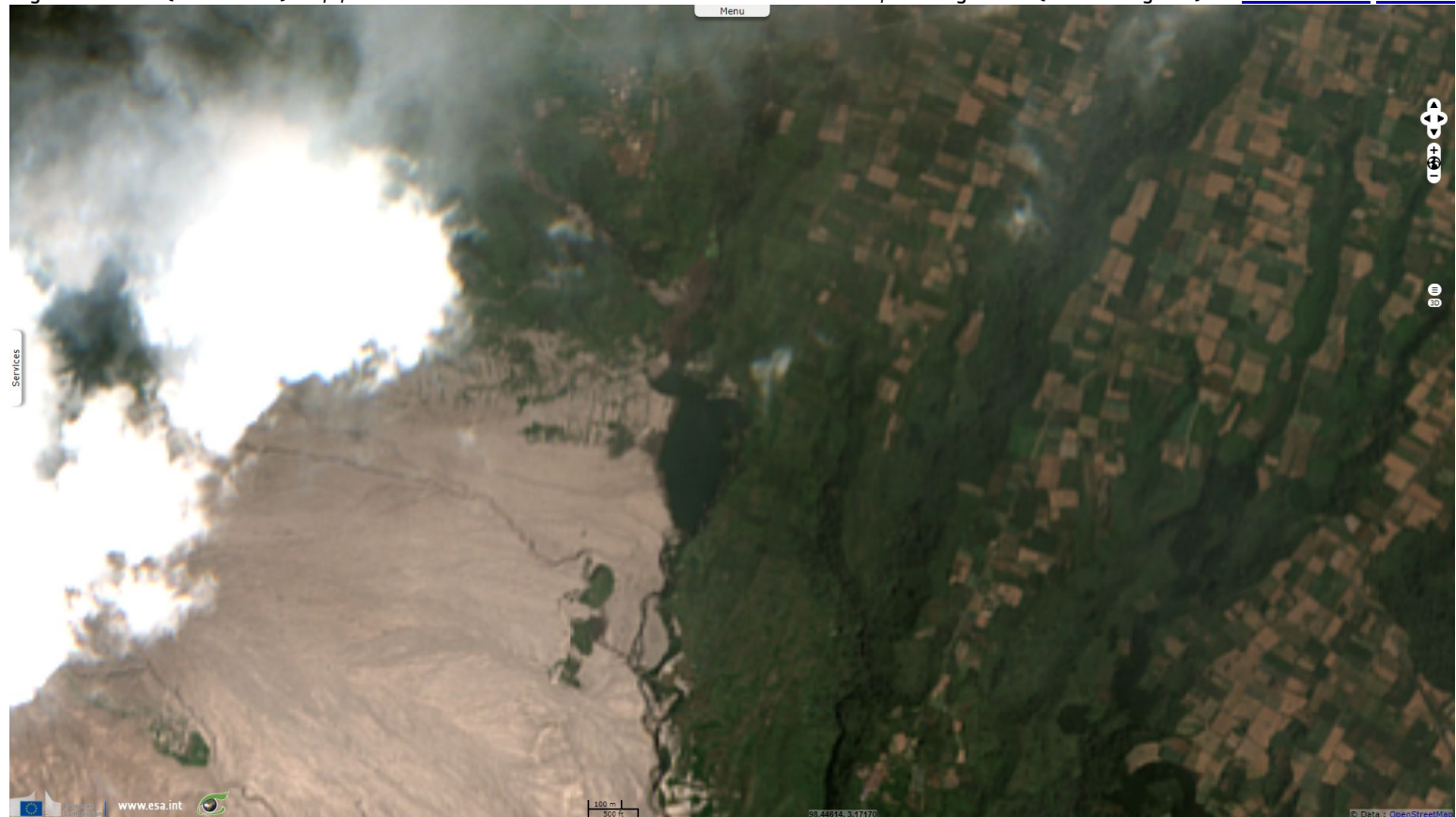
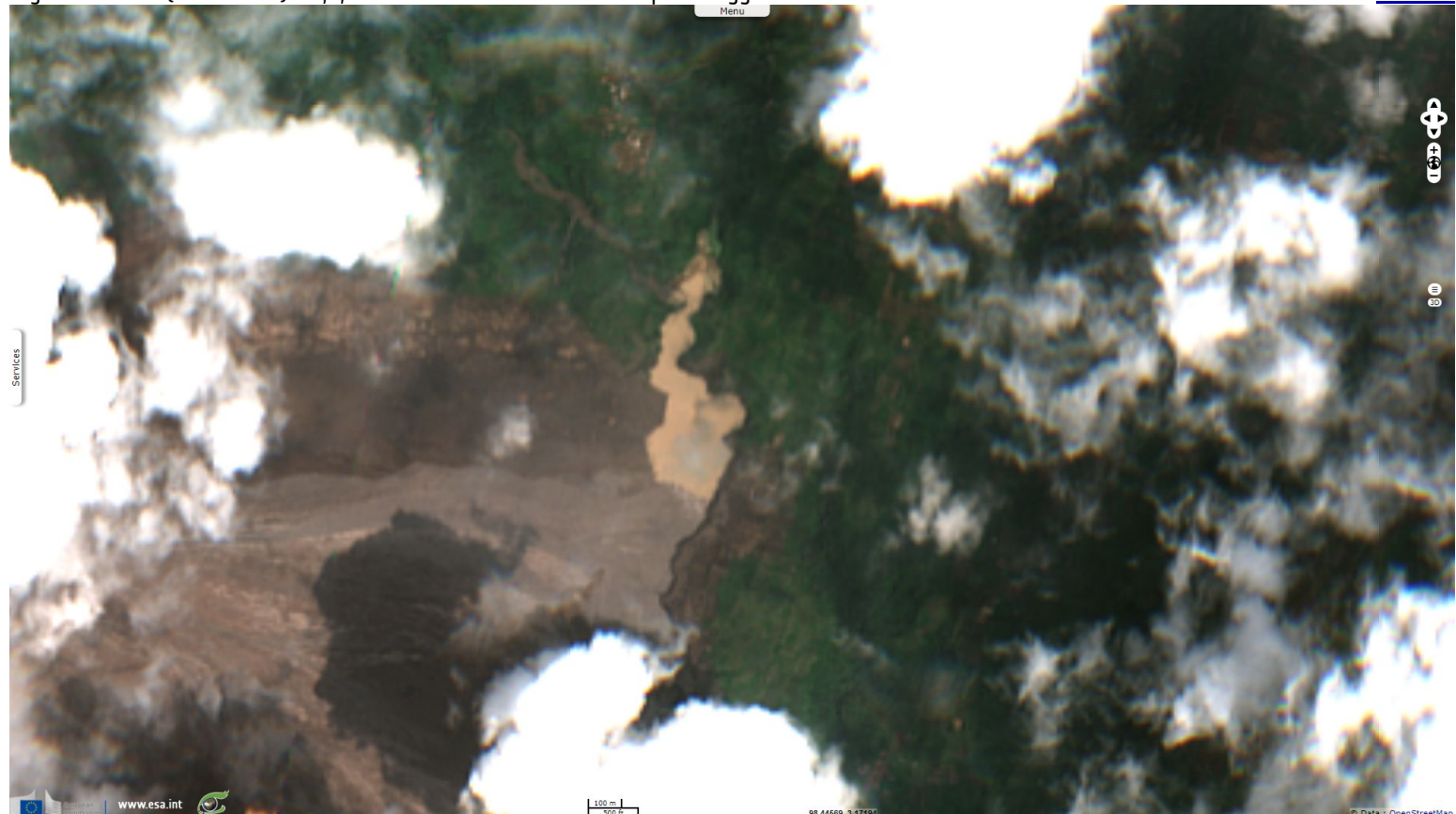


Fig. 4 - S2 MSI (21.02.2018) - 4,3,2 natural colour - The latest eruption triggered lahars whose mud colored the lake in brown. [2D view](#)



*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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