



[3D Layerstack](#)

A 113km² iceberg calves from Spalte Glacier, Greenland

Sentinel-1 CSAR IW acquired on 29 June 2020 at 08:34:25 UTC

Sentinel-2 MSI acquired on 29 June 2020 at 15:49:11 UTC

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Sentinel-1 CSAR IW acquired on 11 July 2020 at 08:34:26 UTC

Sentinel-2 MSI acquired on 14 July 2020 at 14:59:21 UTC

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Keyword(s): Polar, cryosphere, iceberg, glacier, sea ice, ice sheet, climate change, global warming, Greenland, Arctic Ocean

Fig. 1 - S1 (29.06.2020) - A 113 km² iceberg calved from Spalte Glacier in Nioghalvfjordsfjorden, Greenland.

[3D view](#)

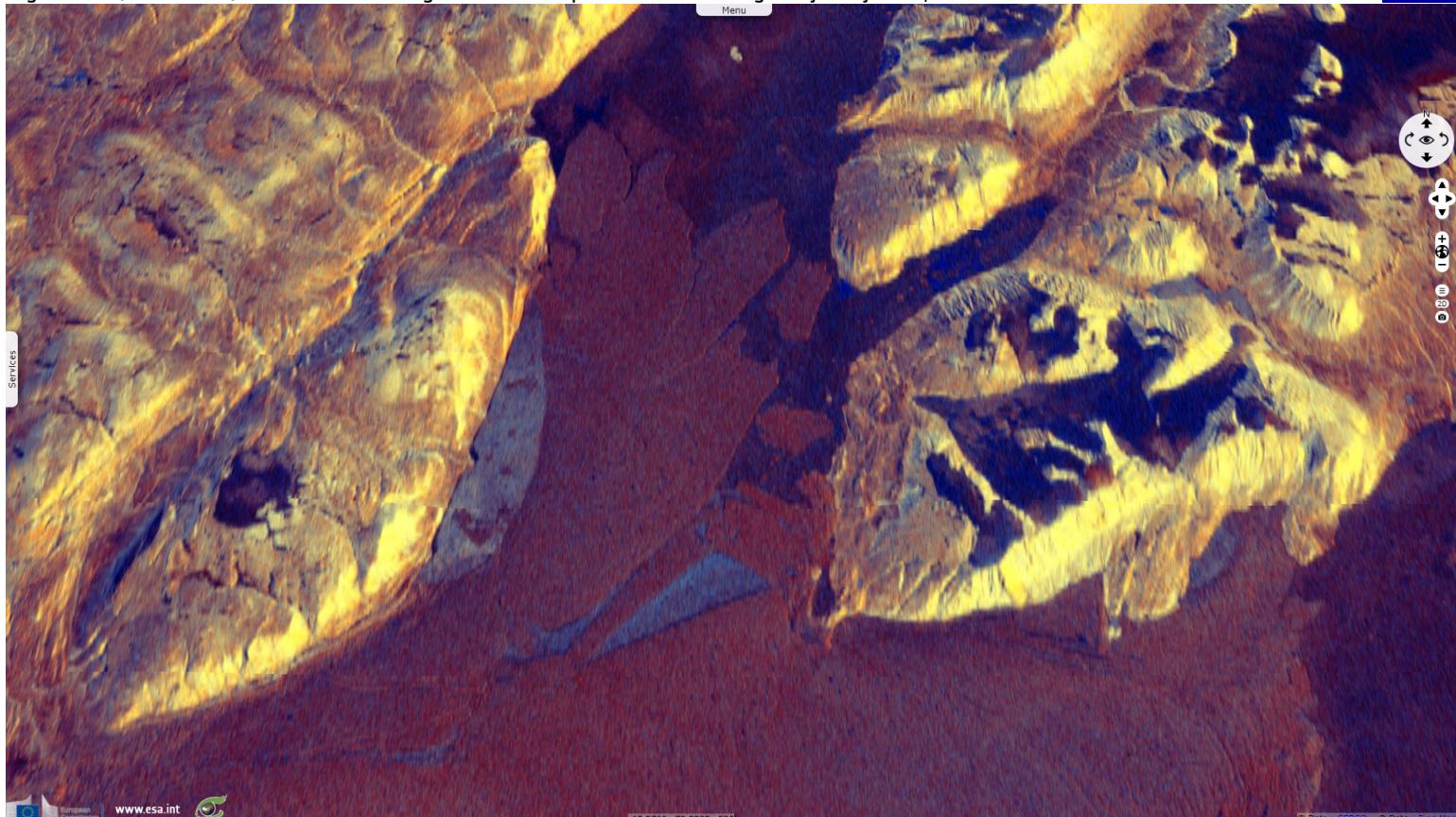


Fig. 2 - S1 (05.07.2020) - It highlights the progressive disintegration of the Arctic's largest remaining ice shelf.

[3D view](#)

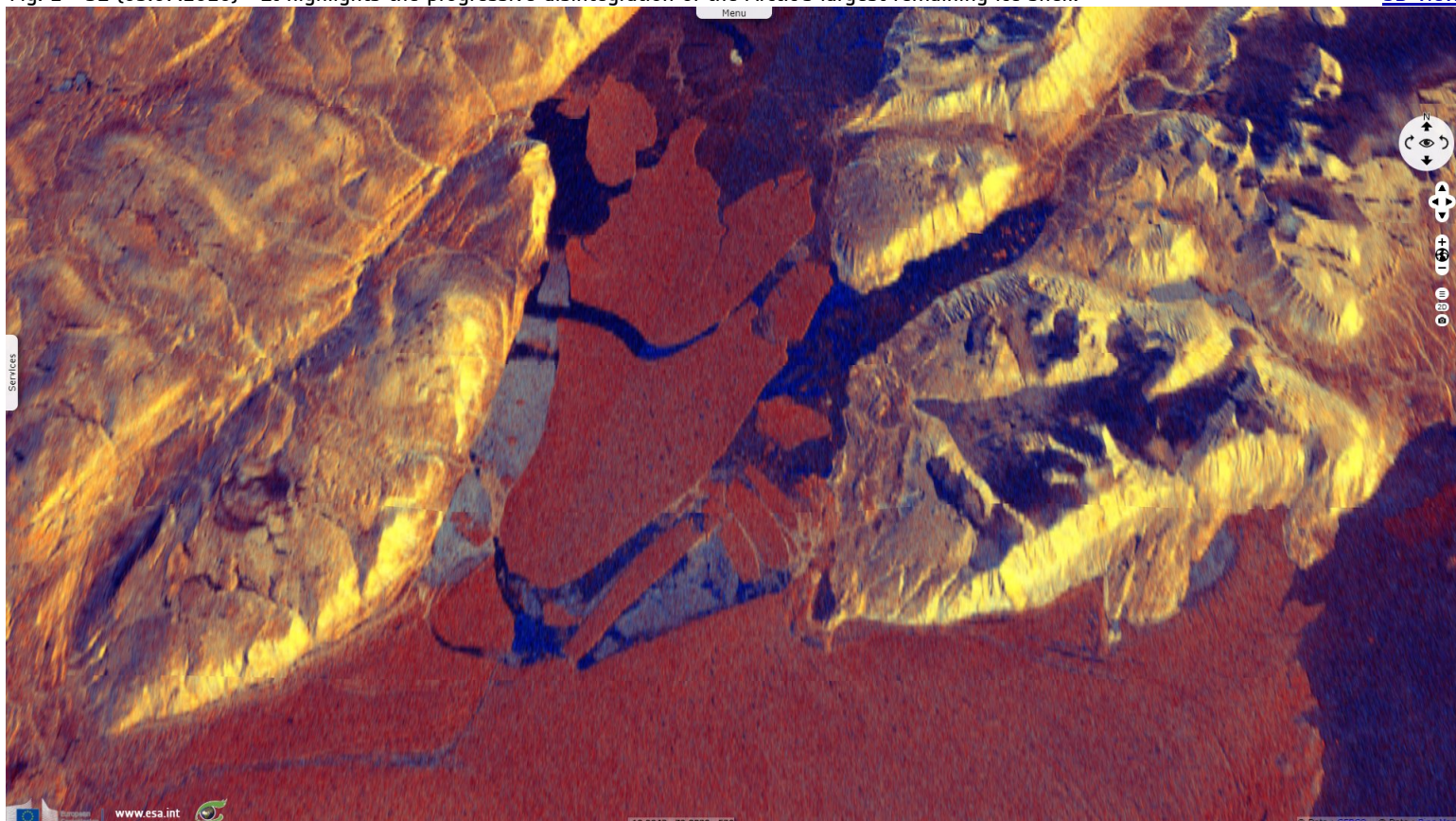


Fig. 3 - S1 (11.07.2020) - Upstream is the only major Greenland ice sheet ice stream, draining 16 % of the inland ice reservoir. [3D animation](#) [3D view](#)

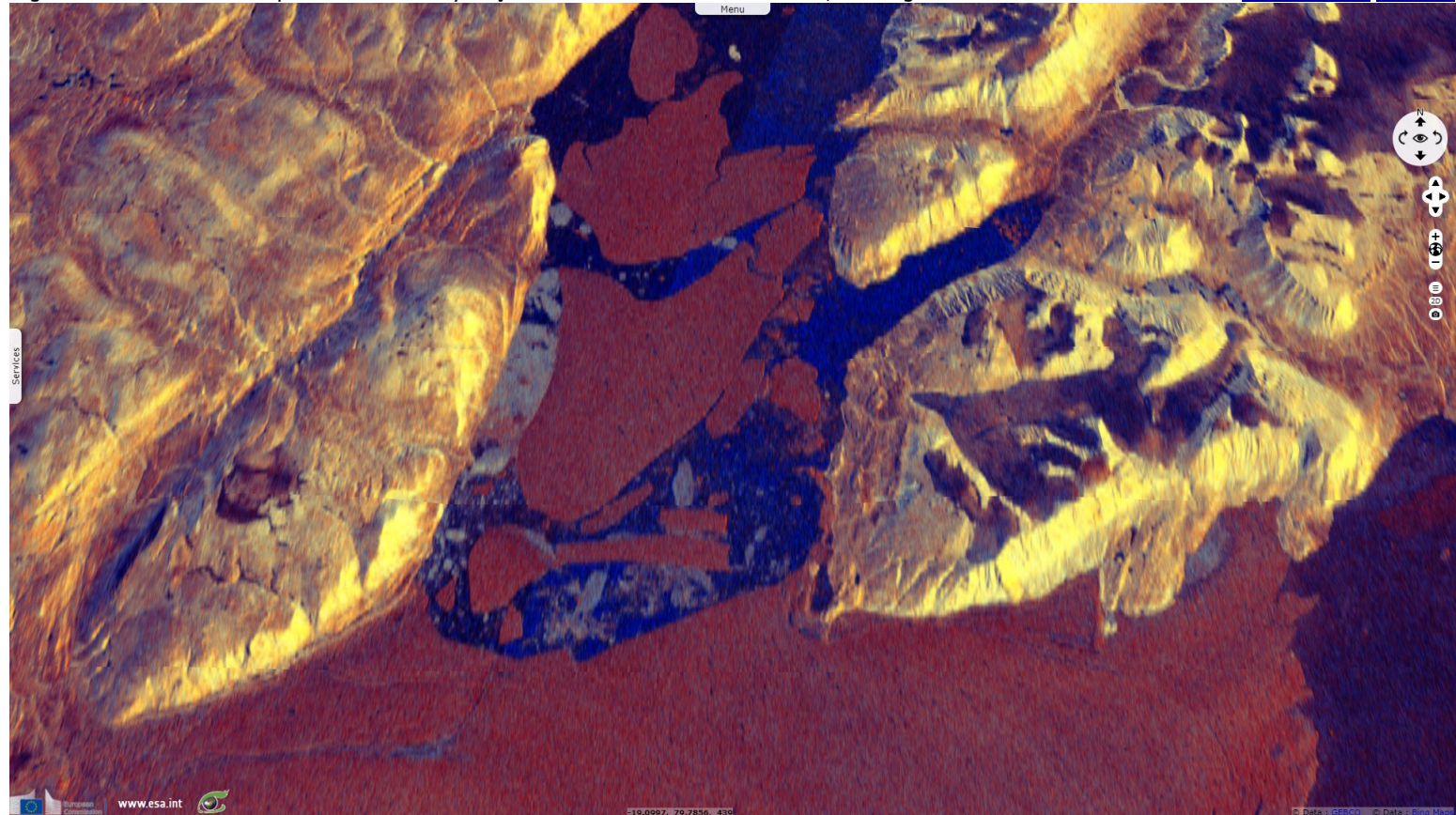
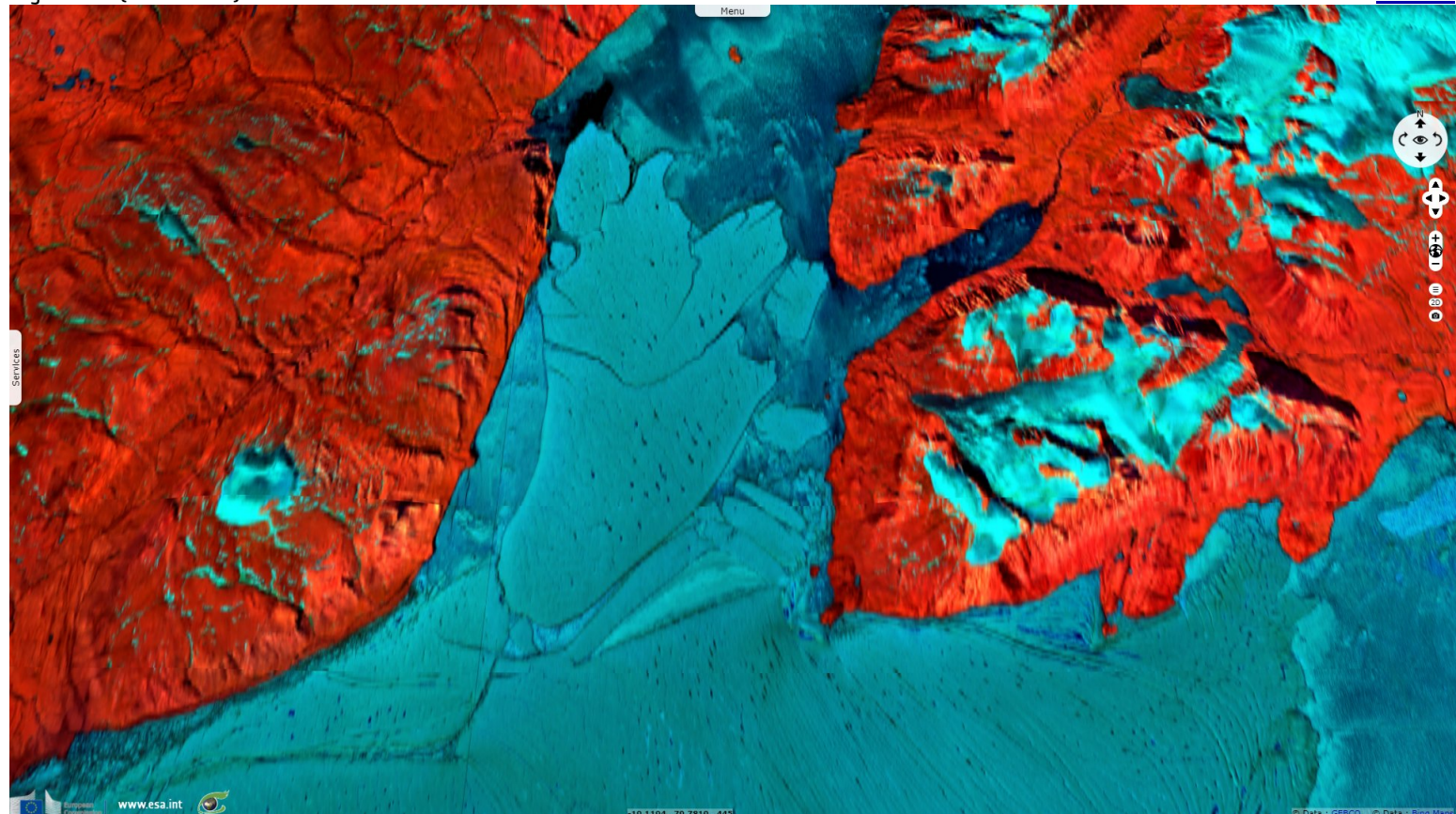


Fig. 4 - S2 (29.06.2020) - The Northeast Greenland Ice Stream extends 600 km into the interior of the ice sheet.

[3D view](#)



It drains mainly through the two outlet glaciers Nioghalvfjærdsfjorden Glacier and Zachariae Glacier.

Fig. 5 - S2 (30.06.2020) - A large increase in ice loss by calving processes followed the loss of ice shelf of Zachariae Glacier in 2002-2015. [3D view](#)

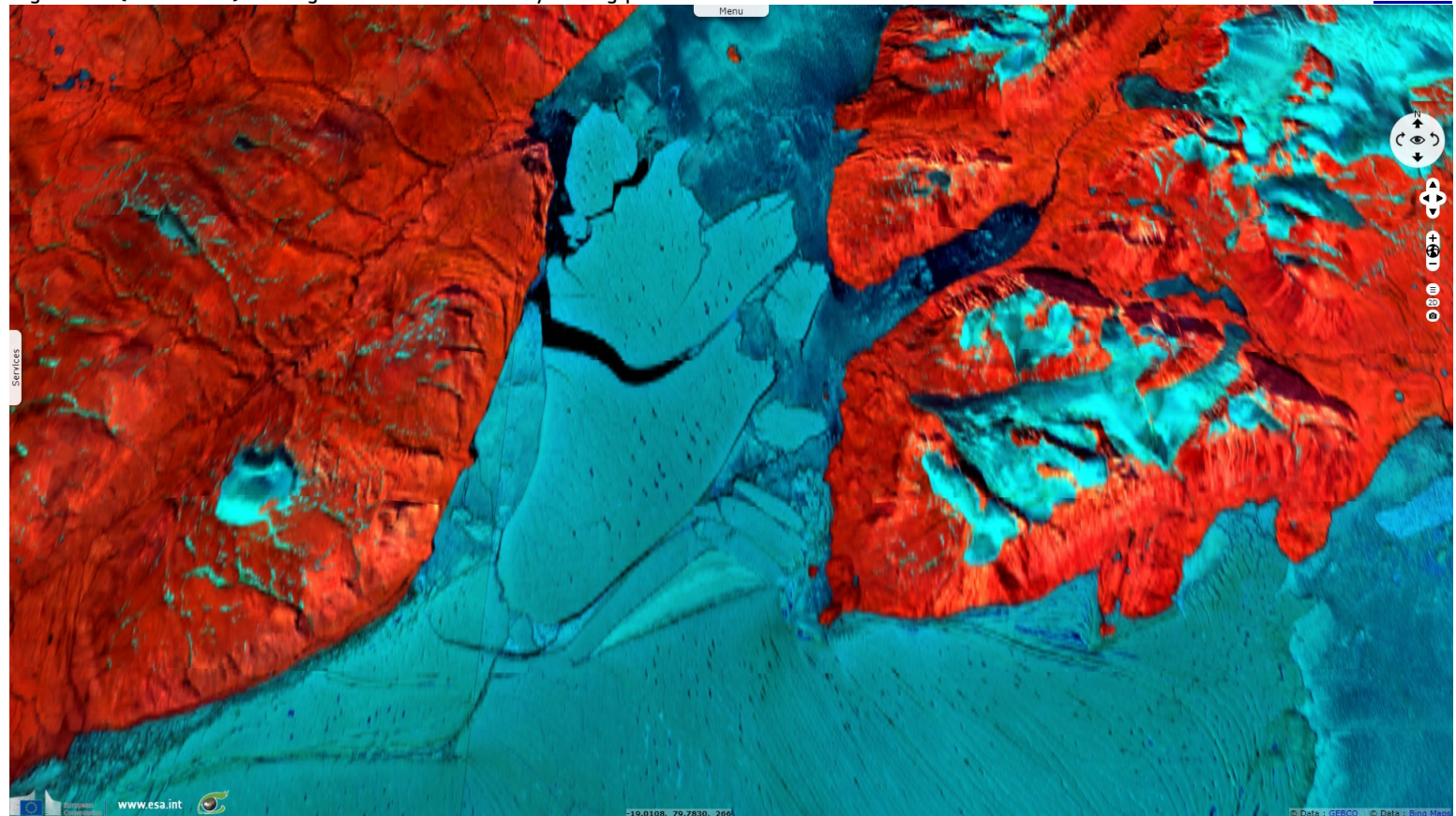
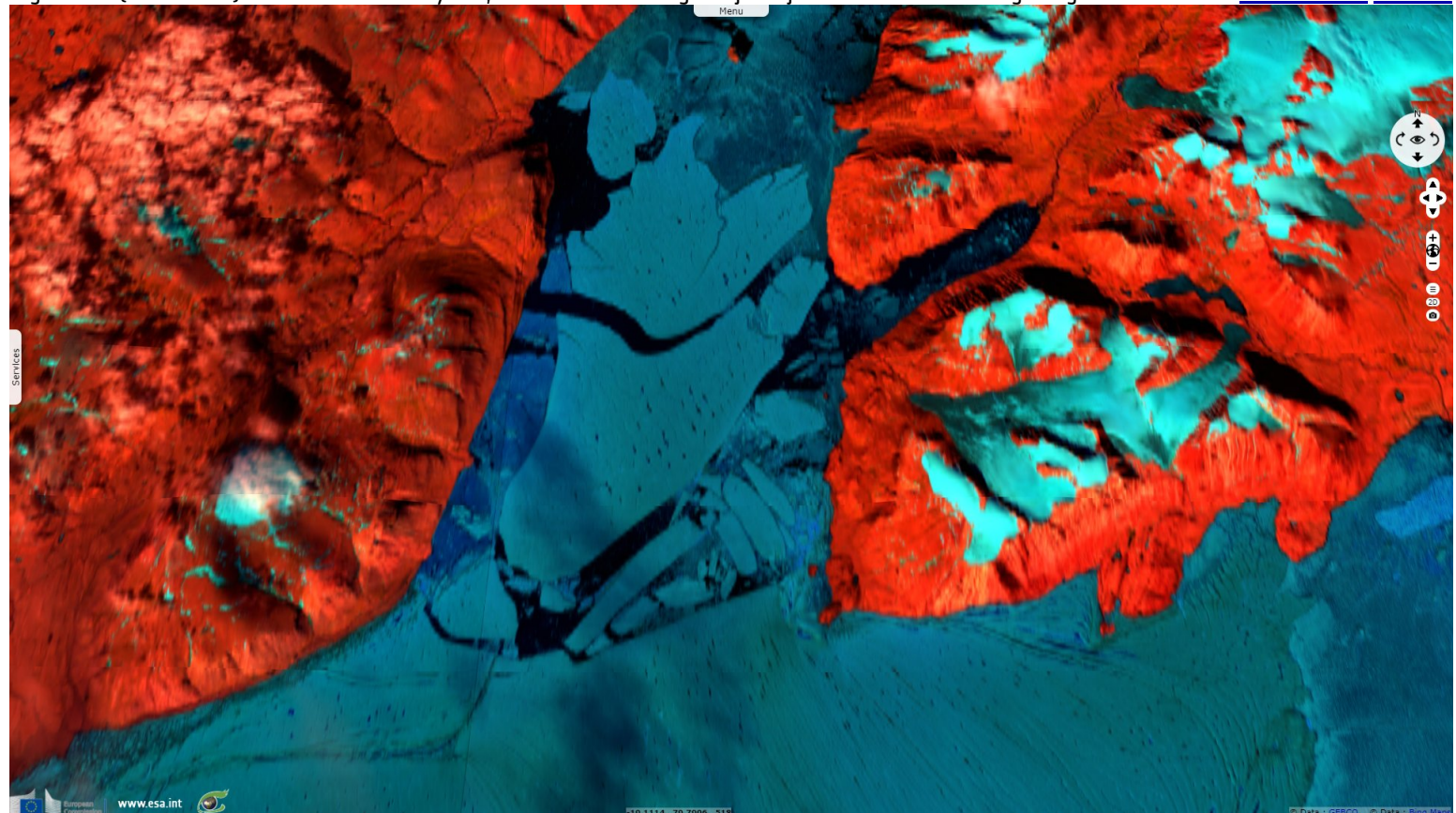


Fig. 6 - S2 (05.07.2020) - For 2 consecutive years, the ice shelf of Nioghalvfjærdsfjorden Glacier is disintegrating at similar rates. [3D animation](#) [3D view](#)



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