

Storm Ciara blows over Europe

Sentinel-5P TROPOMI CLOUD acquired on 08 February 2020 from 13:36:53 to 17:01:53 UTC

Sentinel-3 SRAL LAND acquired on 09 February 2020 at 11:28:17 & 20:43:42 UTC

Sentinel-5P TROPOMI CLOUD acquired on 09 February 2020 from 11:36:53 to 15:01:53 UTC

Sentinel-1 CSAR IW acquired on 09 February 2020 from 17:00:29 to 18:37:50 UTC

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[2D Layerstack](#)

Fig. 1 - S5P TROPOMI (08.02.2020) - cloud cover fraction with colour map - A storm complex caused heavy snowfalls over North America. [2D view](#)

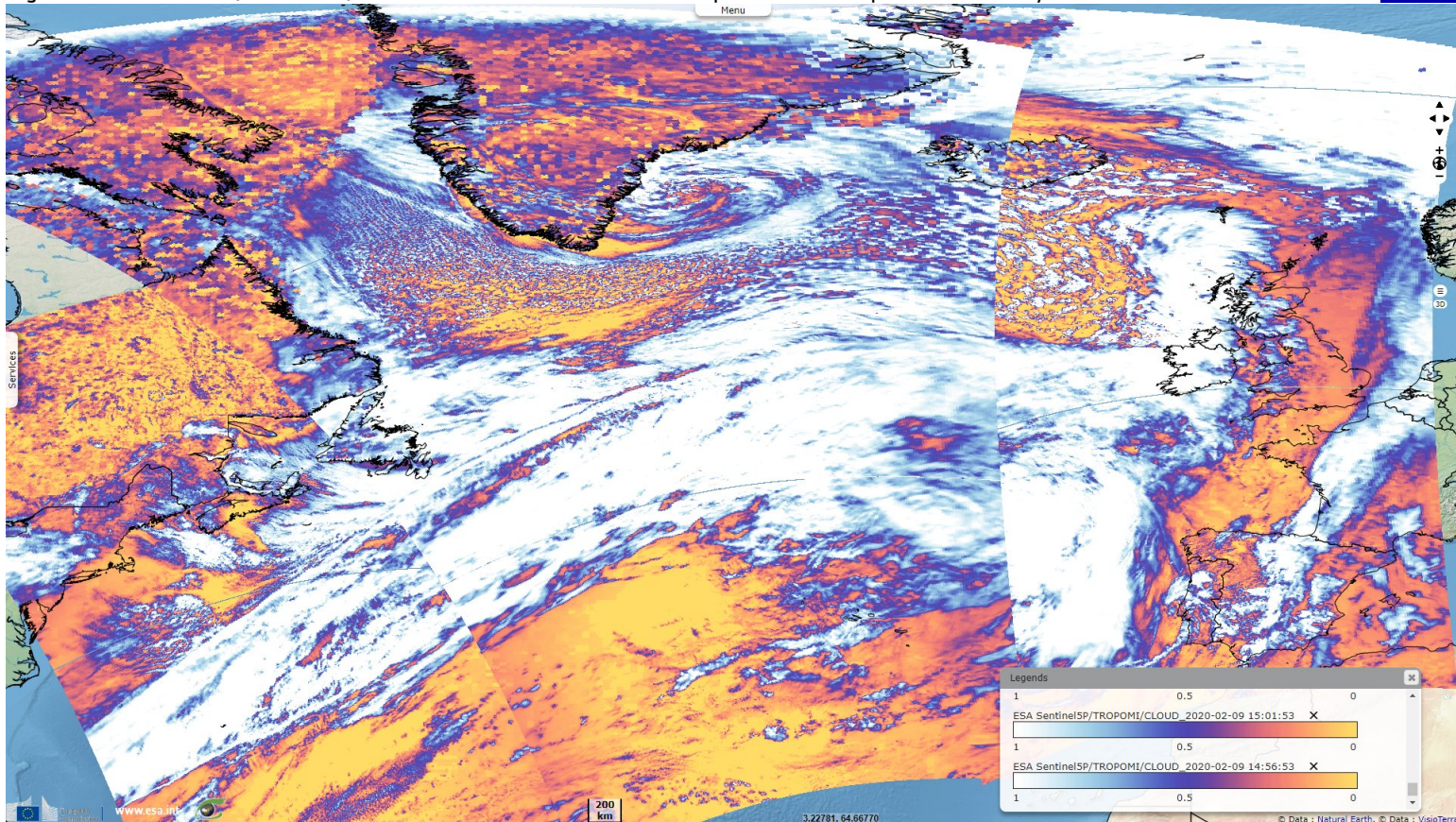
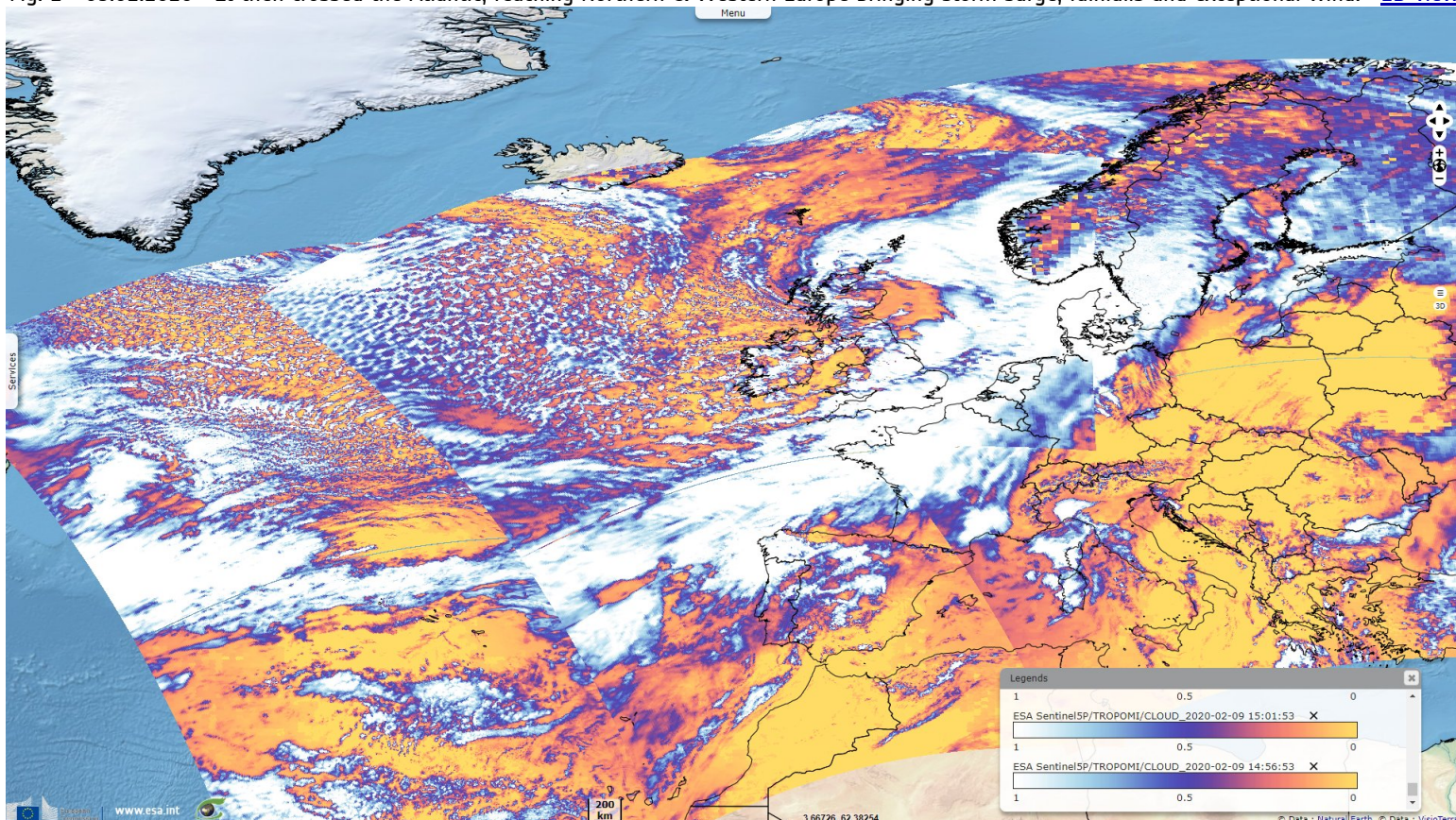


Fig. 2 - 09.02.2020 - It then crossed the Atlantic, reaching Northern & Western Europe bringing storm surge, rainfalls and exceptional wind. [2D view](#)



A subsonic flight crossed the Atlantic in 4h56, beating the record by 17'. Tailwind & jet stream pushed it up to 1328kph, over its 1004kph topspeed.

Fig. 3 - S1 (09 & 10.02.2020) - vv,vh,ndi(vh,vv) colour composite - Wind gusts reached 220 km/h gusts in Corsica.

[2D view](#)

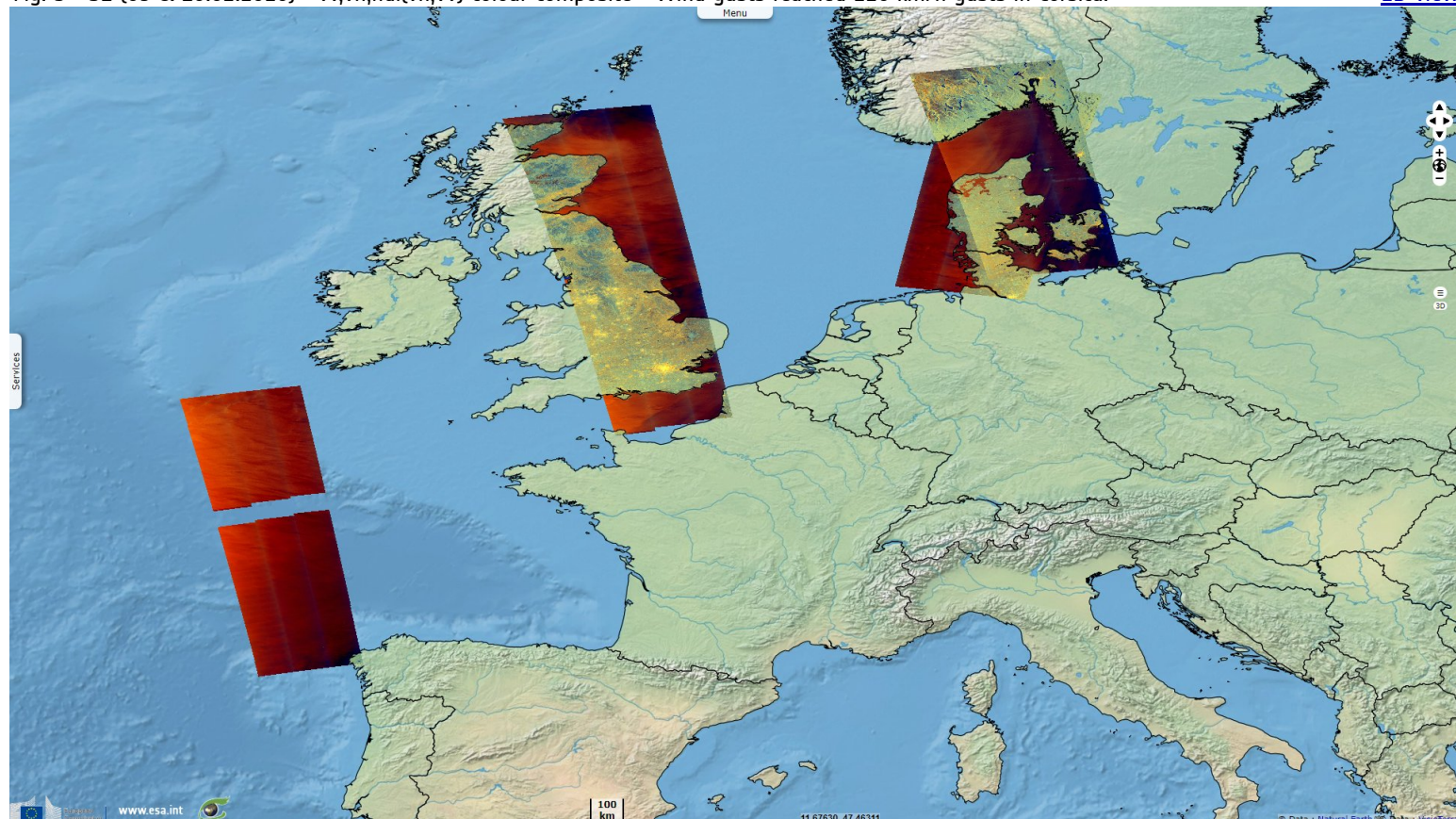
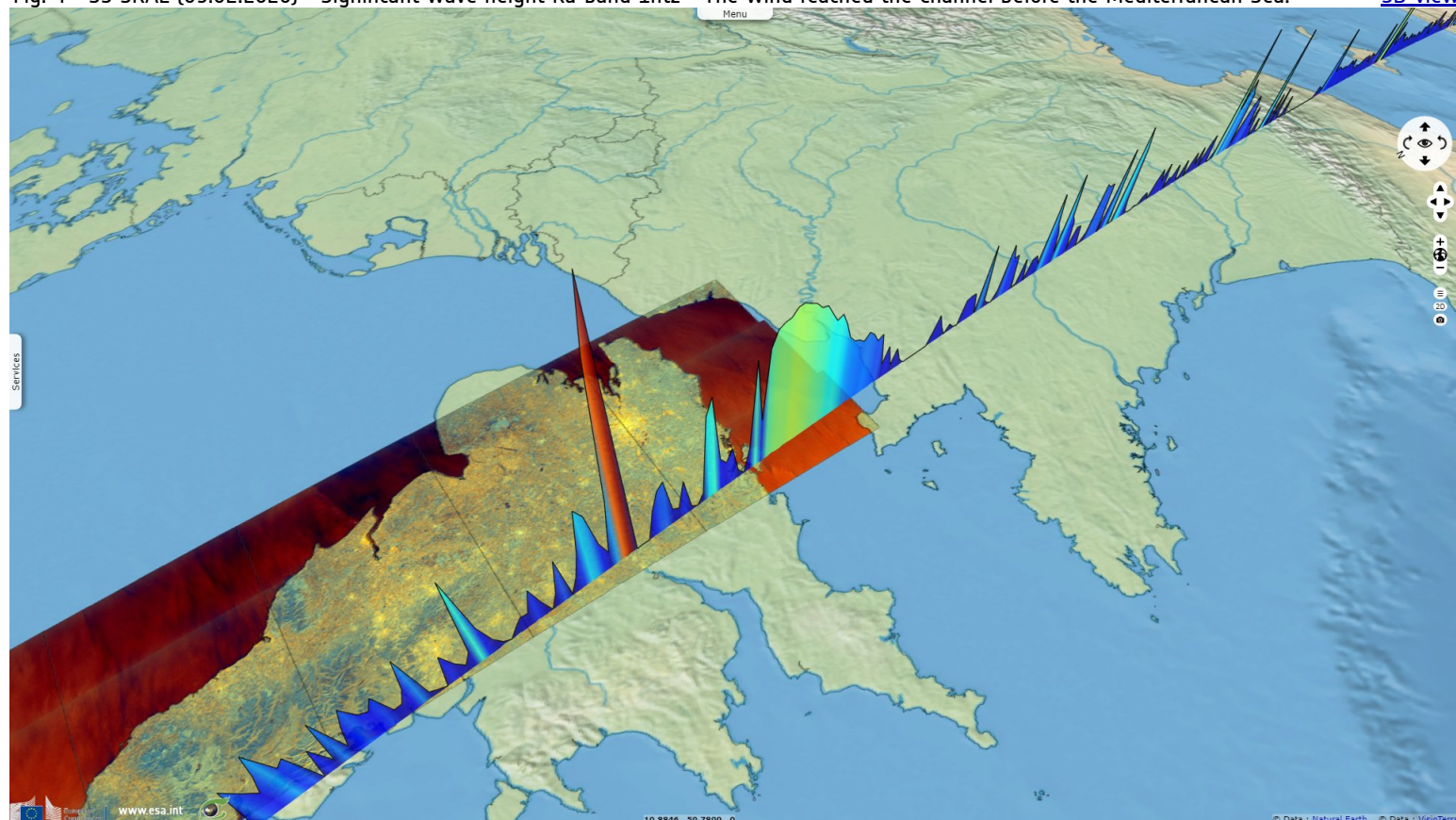


Fig. 4 - S3 SRAL (09.02.2020) - Significant wave height Ku-band 1htz - The wind reached the Channel before the Mediterranean Sea.

[3D view](#)



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