

Snowfall along the Appalachians, United States

Sentinel-3 SRAL LAND acquired on 10 December 2021 at 03:17:56 UTC

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Sentinel-3 SLSTR RBT acquired on 04 January 2022 from 15:44:05 to 15:47:05 UTC

Sentinel-3 SLSTR LST acquired on 04 January 2022 from 15:41:05 to 16:26:28 UTC

Sentinel-3 SRAL LAND acquired on 05 January 2022 at 15:52:24 UTC

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[2D Layerstack](#)

Fig. 1 - S3 SLSTR (04.01.2022) - An abrupt drop in temperatures caused heavy snowfall along the Appalachians.

[2D view](#)

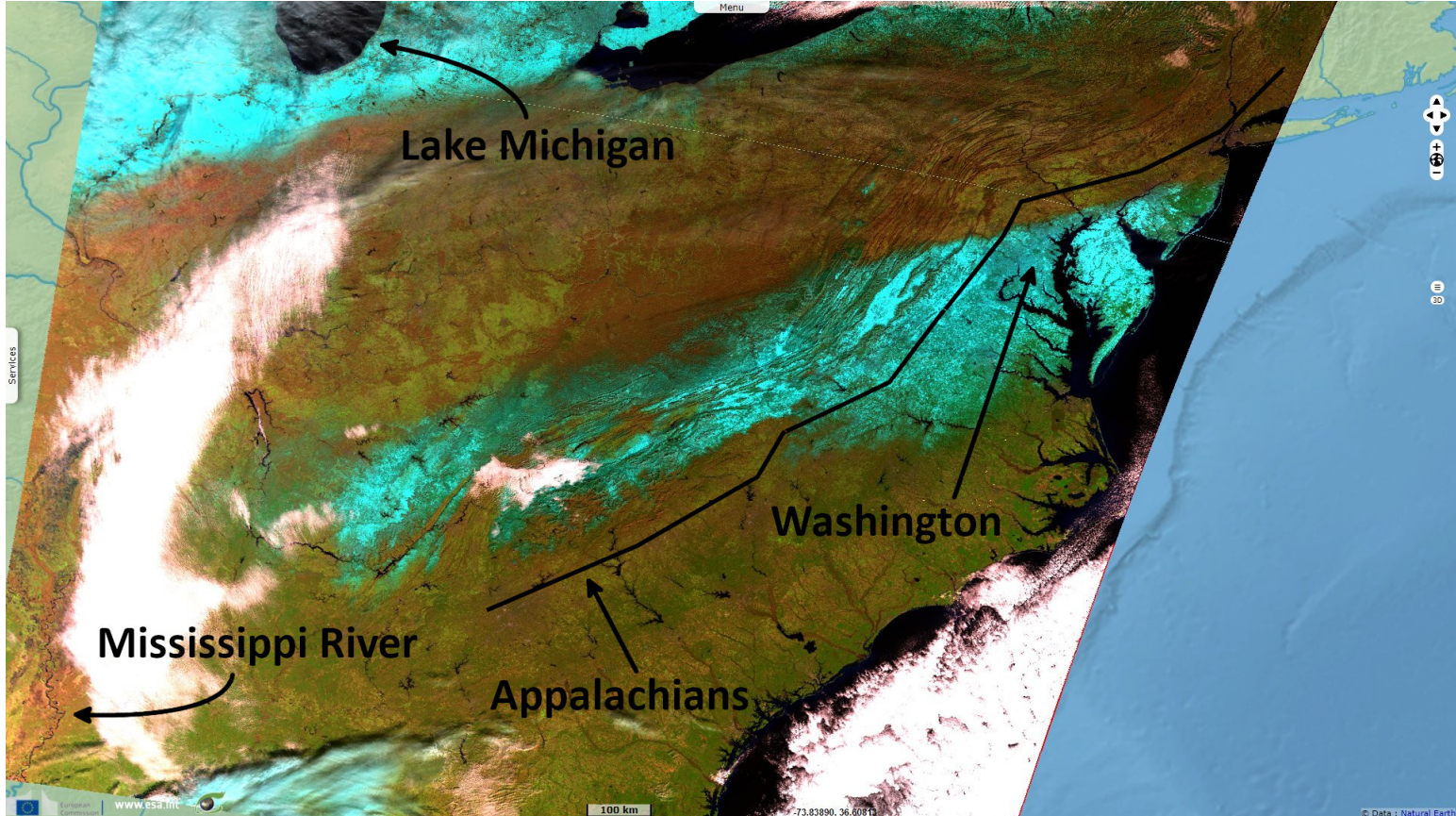


Fig. 2 - SRAL (10.12.2021-05.01.2022) - Height from altimeter shown over COP DEM - Appalachians are 2400 km long & up to 2037 m high.

[3D view](#)

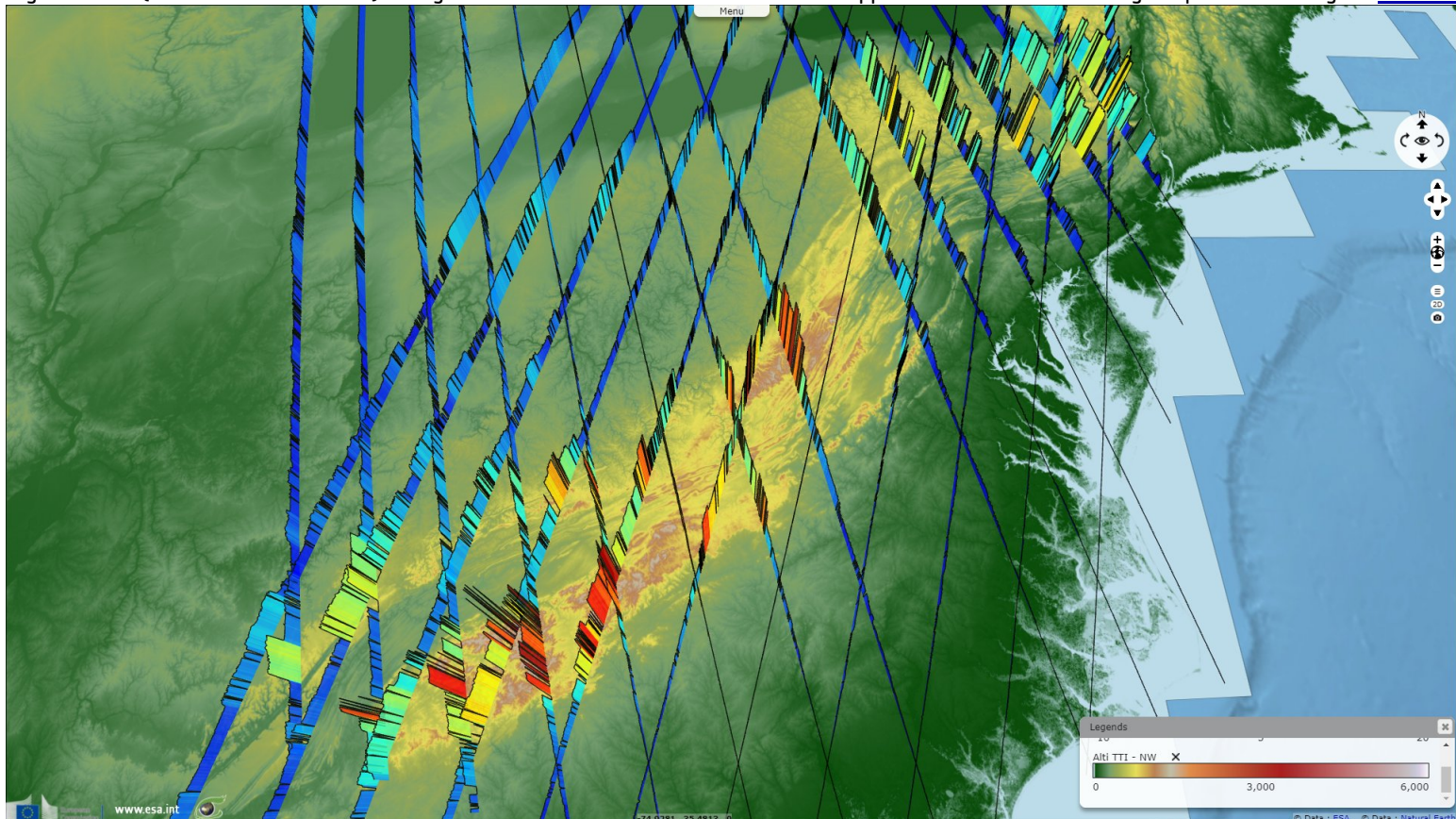


Fig. 3 - S3 SLSTR (04.01.2022) - The series of alternating valleys and forested ridgelines is highlighted by the snow cover.

[3D view](#)

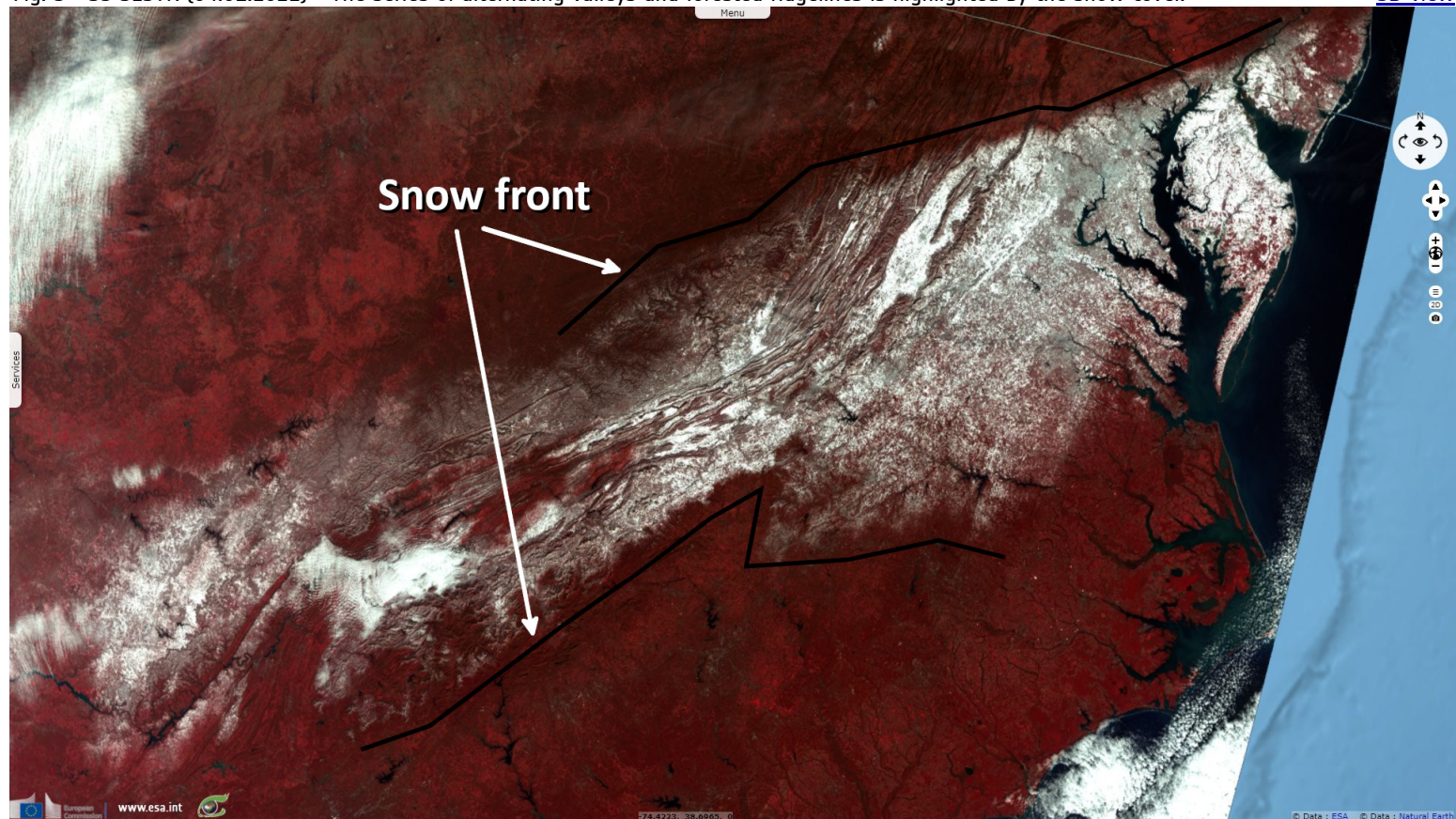
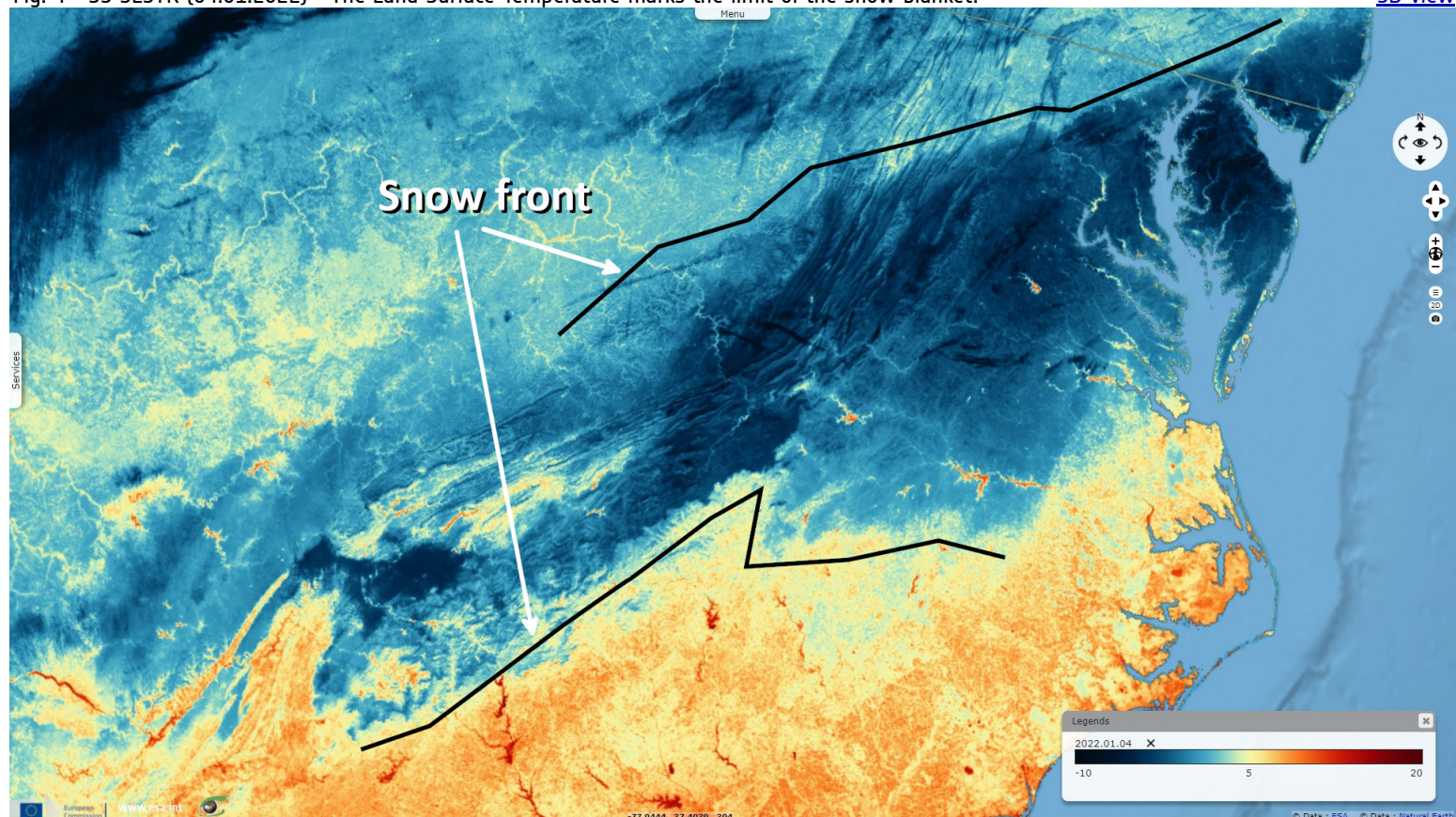


Fig. 4 - S3 SLSTR (04.01.2022) - The Land Surface Temperature marks the limit of the snow blanket.

[3D view](#)



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