

An early heatwave afflicts north-west India and eastern Pakistan

Sentinel-3 SLSTR LST & RBT acquired on 25 April 2022 from 04:25:39 to 06:09:38 UTC

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Sentinel-3 SLSTR LST & RBT acquired on 28 April 2022 from 04:45:06 to 06:32:05 UTC

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Keyword(s): Land, heatwave, agriculture, India, Pakistan



[2D Layerstack](#)

Fig. 1 - S3 SLSTR (25-28.04.2022) - Scorching & dangerous heat affect the N-W of India & east of Pakistan two months before than usual. [2D view](#)

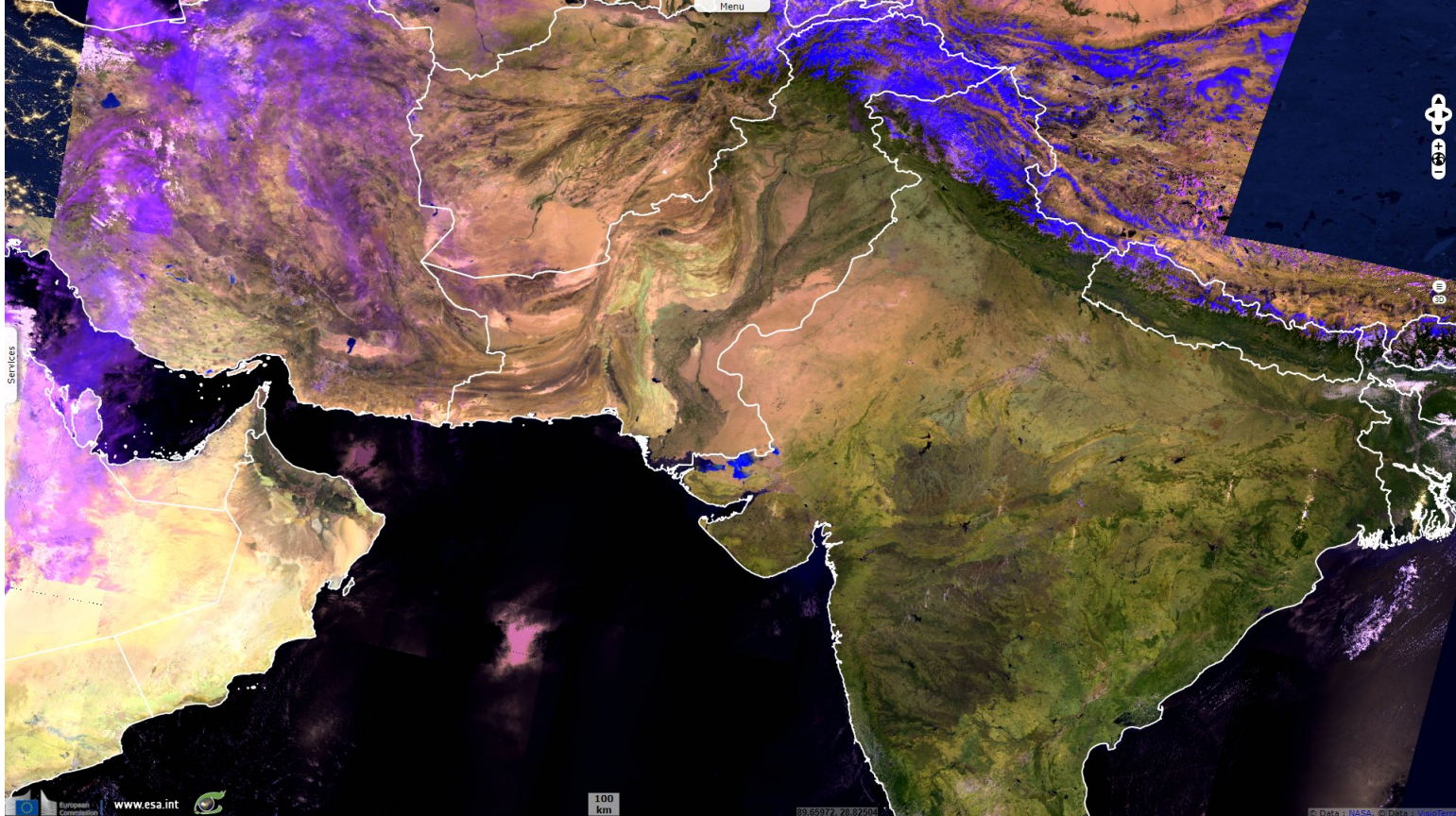


Fig. 2 - S3 SLSTR (25-28.04.2022) - The mos affected area is within the Thar Desert, also known as the Great Indian Desert. [2D view](#)

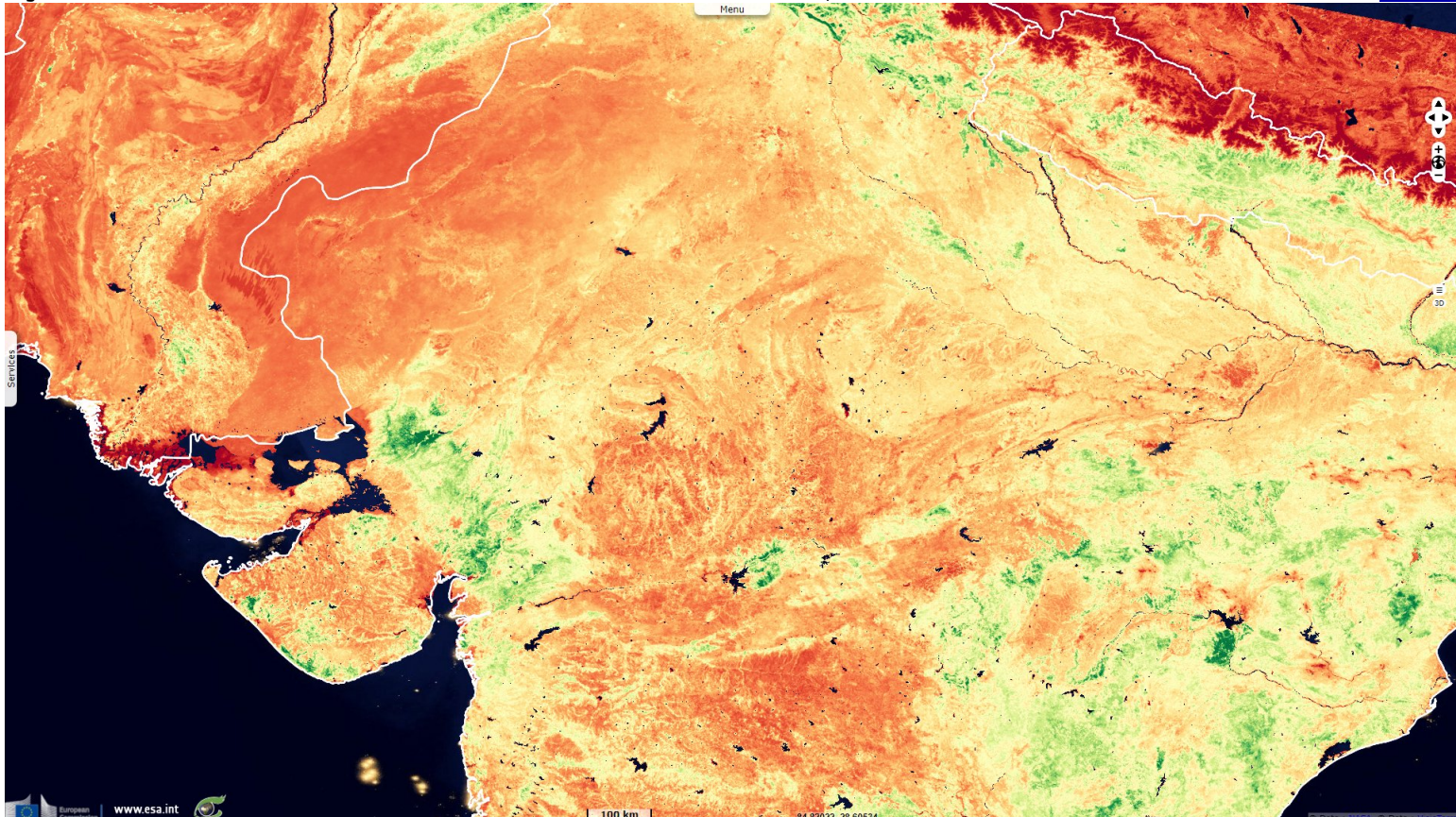


Fig. 3 - S3 SLSTR (28.04.2022) - The high 40s Celsius are expected in India, the east of Pakistan close to 50°C.

[2D view](#)

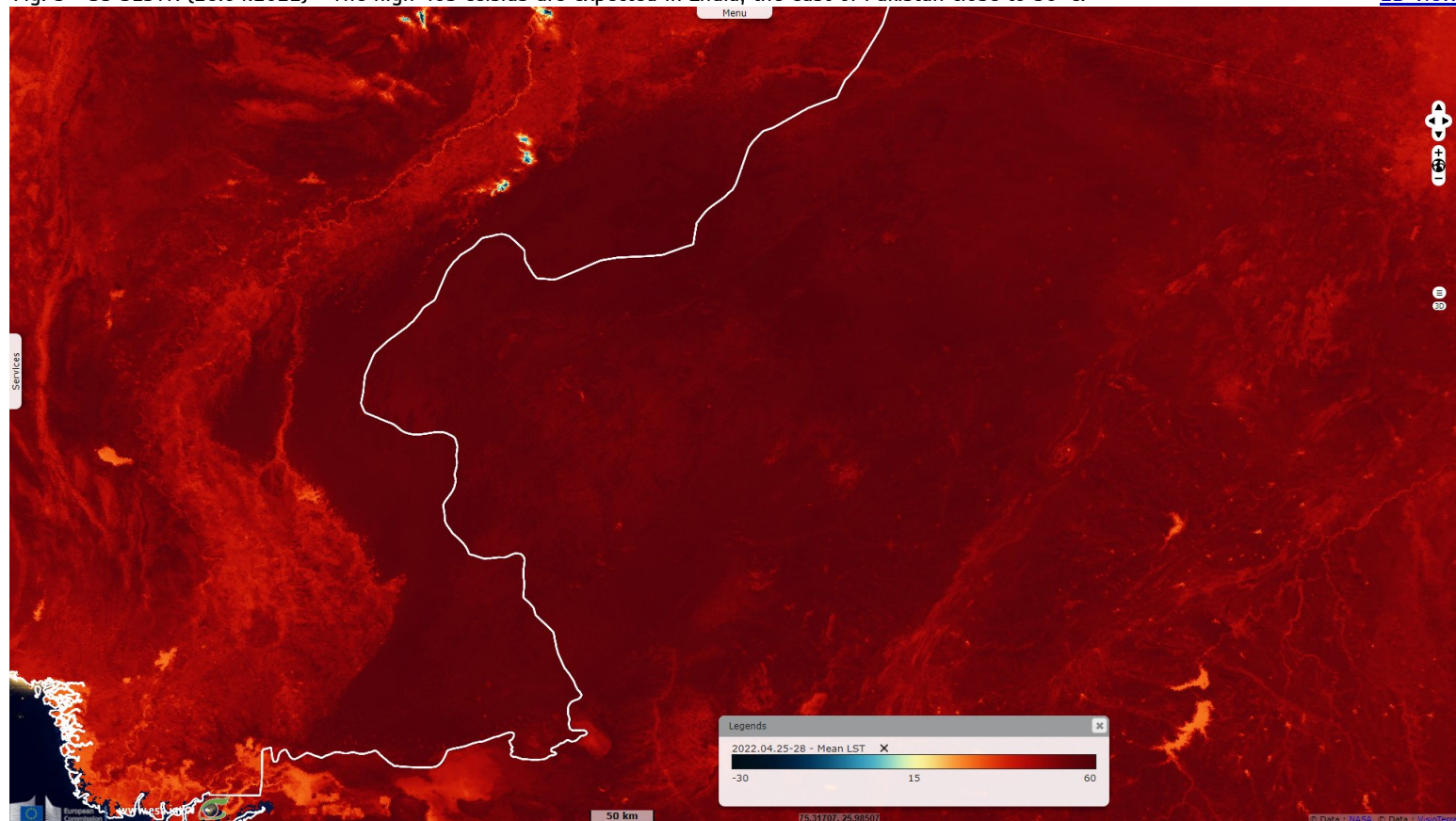
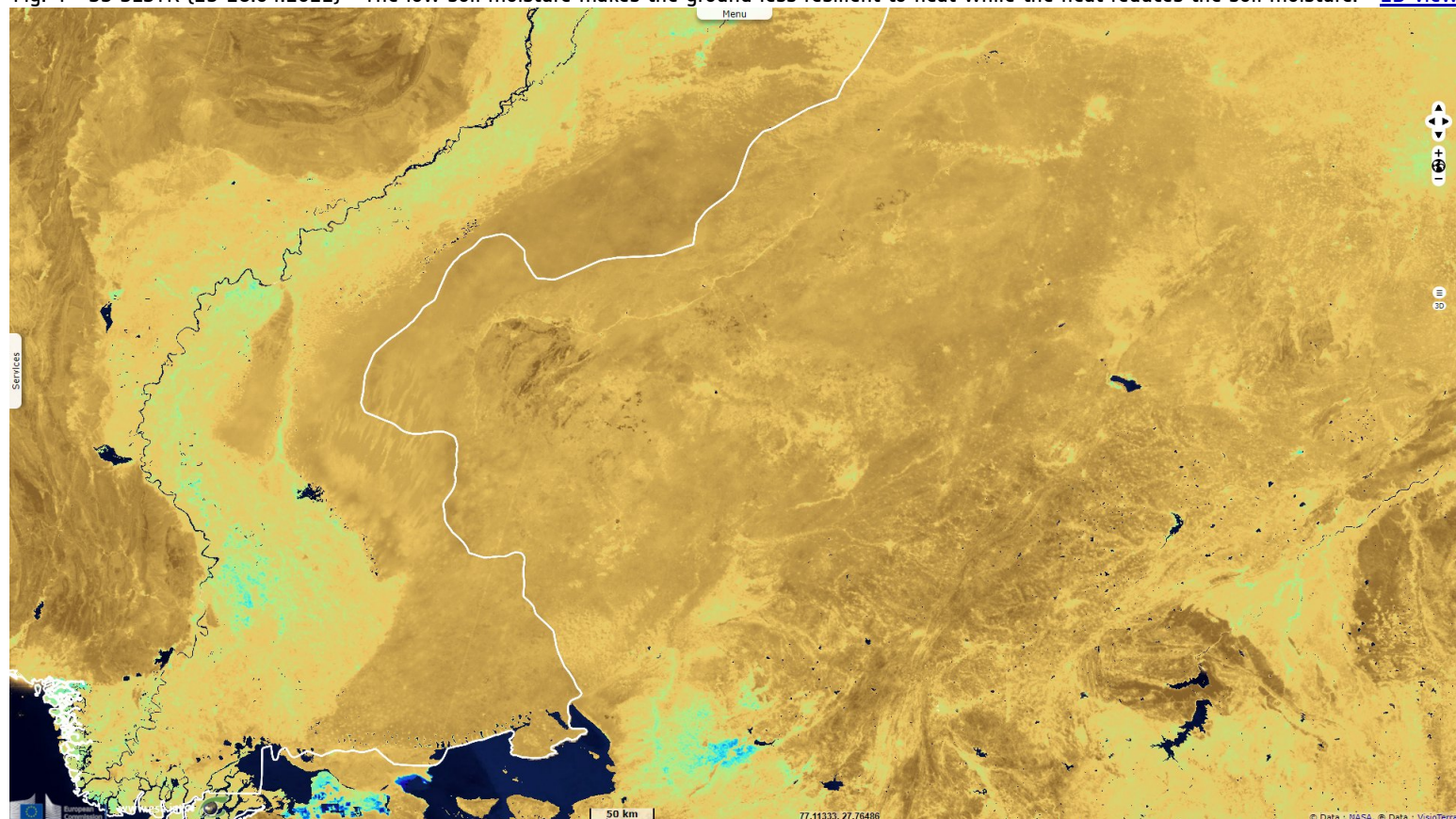
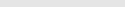


Fig. 4 - S3 SLSTR (25-28.04.2022) - The low soil moisture makes the ground less resilient to heat while the heat reduces the soil moisture.

[2D view](#)



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