

Monsoon severely floods south-west India

Sentinel-1 CSAR IW acquired on **28 July 2018** from 00:40:18 to 00:40:43 UTC
Sentinel-1 CSAR IW acquired on **02 August 2018** from 00:48:12 to 00:48:37 UTC
Sentinel-1 CSAR IW acquired on **09 August 2018** from 00:40:18 to 00:40:43 UTC
Sentinel-1 CSAR IW acquired on **14 August 2018** from 00:48:13 to 00:48:38 UTC

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Keyword(s): Atmosphere, hydrology, climate, land, rain, precipitations, monsoon, river, lake, flooding, India

[2D Layerstack](#)

Fig. 1 - S1 (02 & 14.08.2018) - vh polarn, σ^0 processing with colour map - South Karnataka (animation, before, after). [2D animation](#) [2D view](#) [2D view](#)

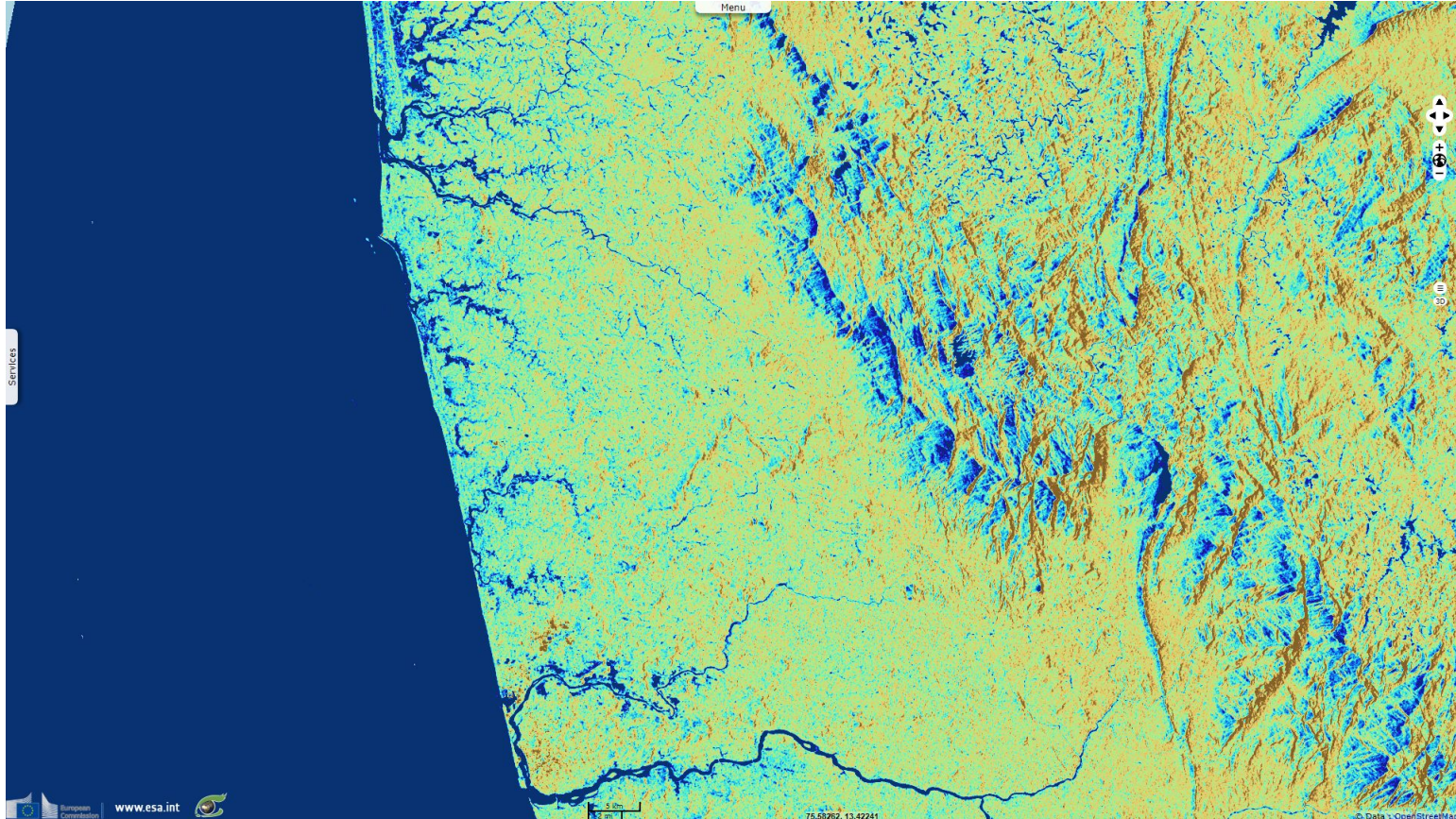


Fig. 2 - Monsoon caused unusually high rainfalls in the Kerala state in South India.

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

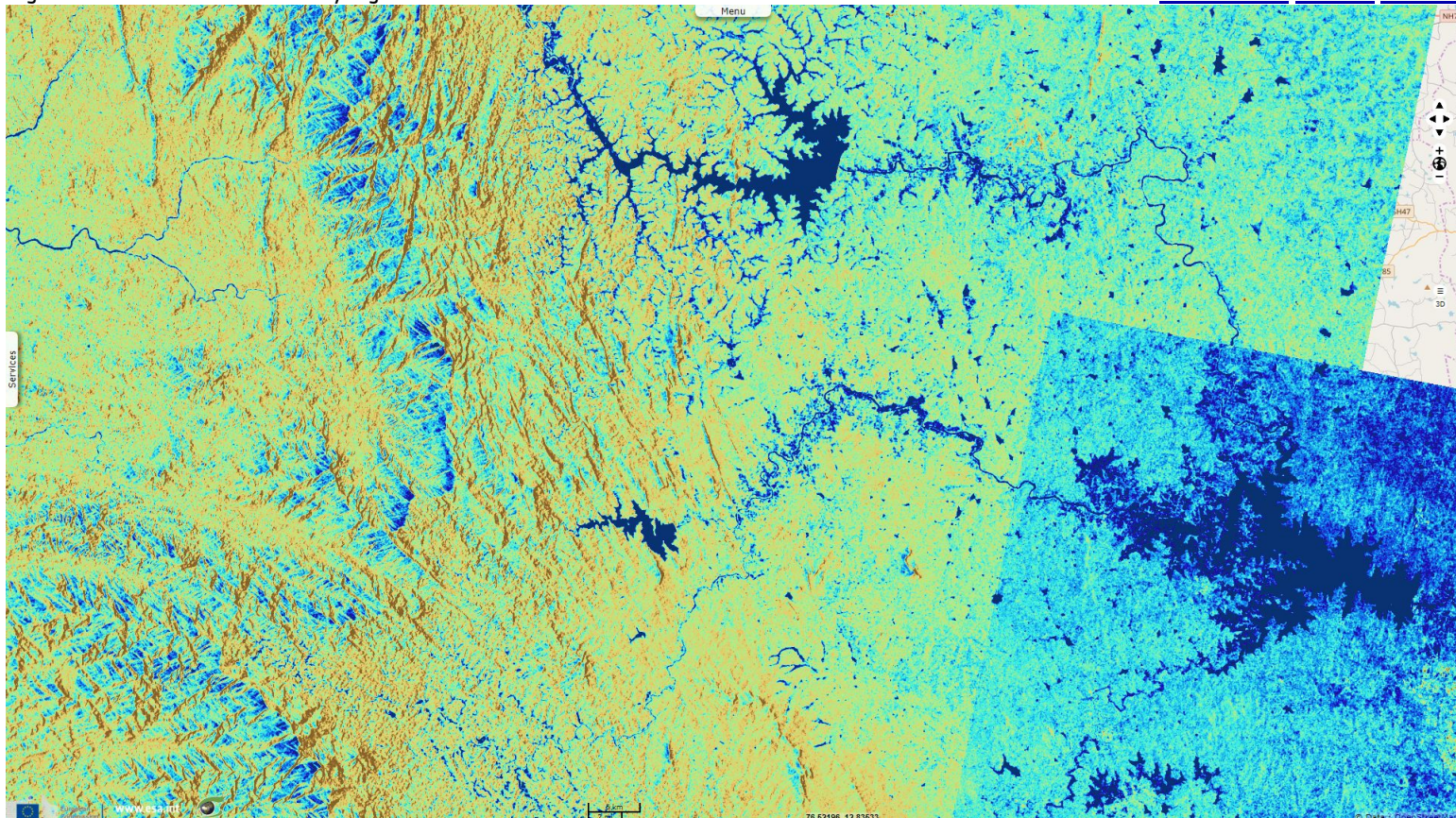


Fig. 3 - 35 of the state's 42 dams have been opened to prevent failure; this show the dams before, near their highest. [2D animation](#) [2D view](#) [2D view](#)

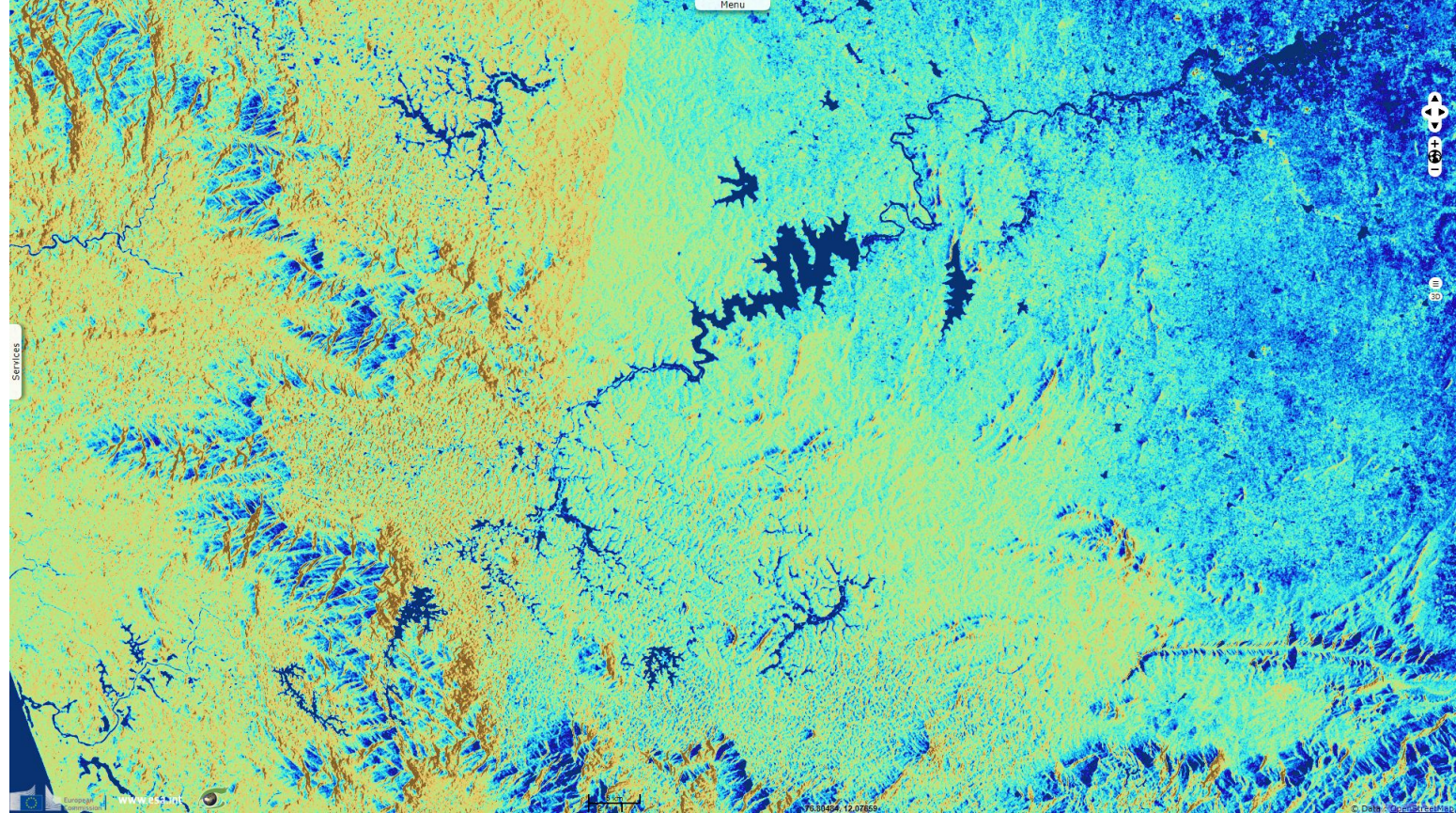


Fig. 4 - Kerala state; more than 324 people have been killed as a result of the flood, with 85000 people displaced. [2D animation](#) [2D view](#) [2D view](#)

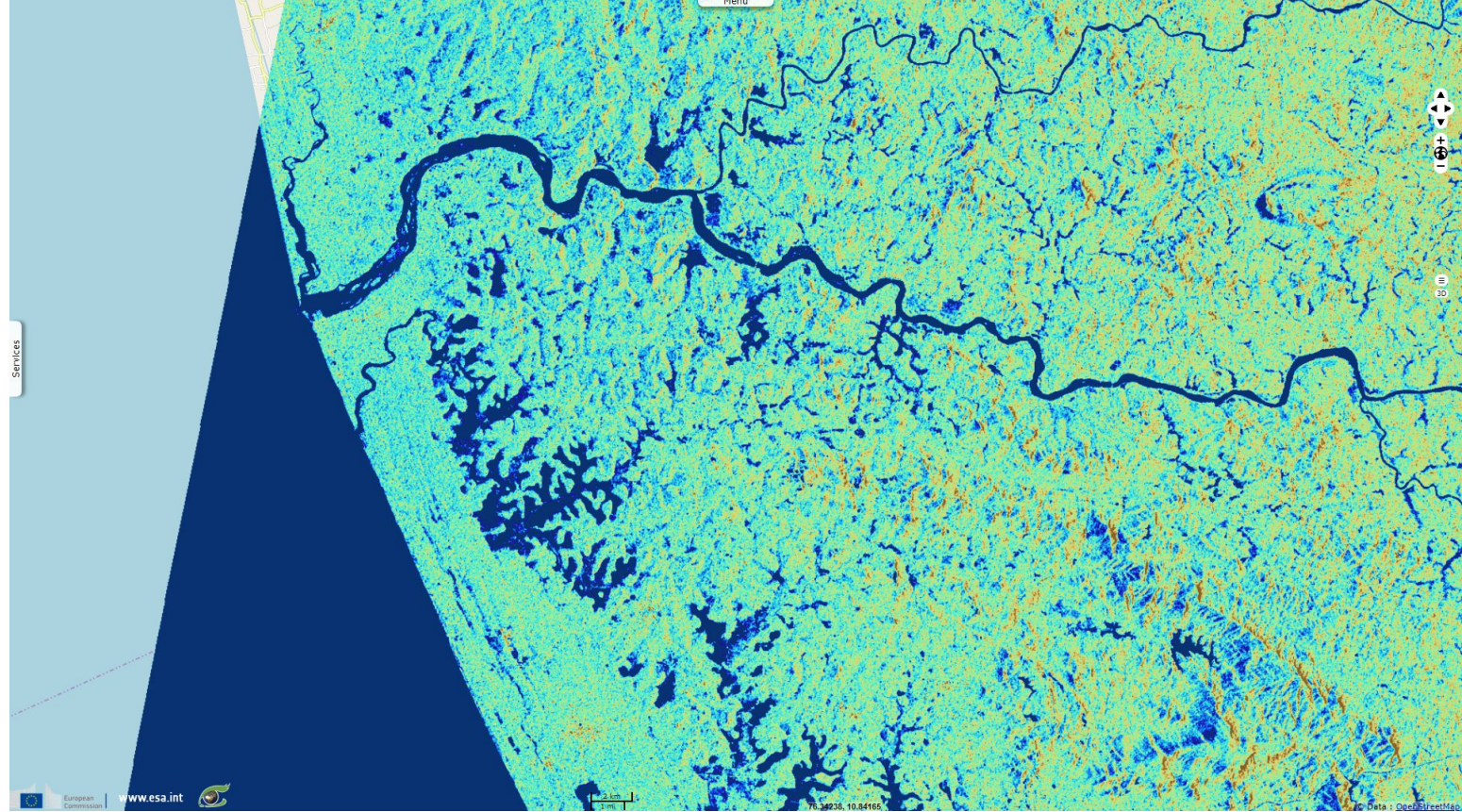
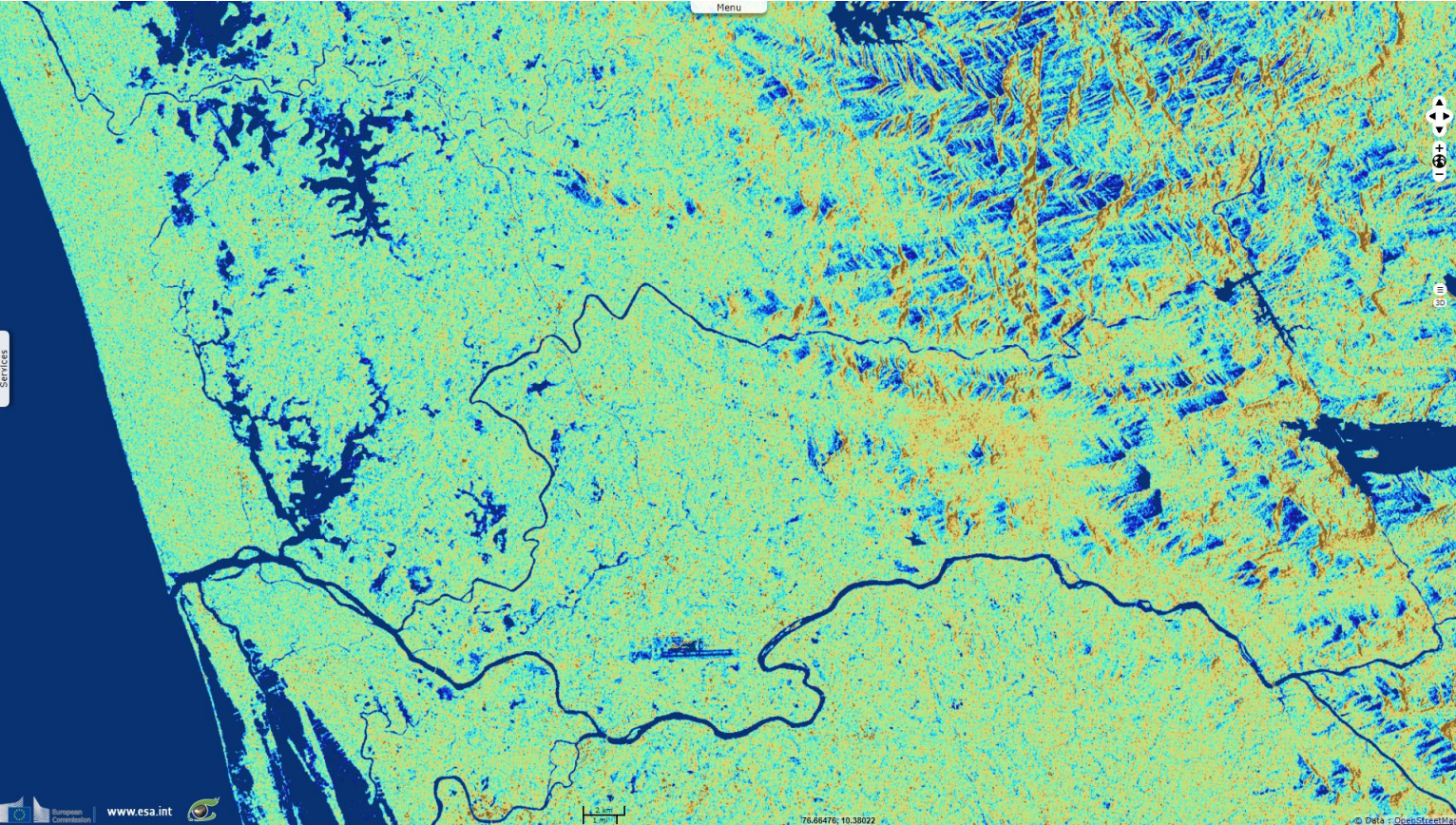


Fig. 5 - It is the worst flooding in Kerala state since 1924 at least.

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



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