

Monsoon floods in lower Niger Basin

Sentinel-1 CSAR IW acquired on **16 August 2018** from 17:53:06 to 17:54:46 UTC

Sentinel-1 CSAR IW acquired on **18 August 2018** at 17:37:28 UTC

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Sentinel-1 CSAR IW acquired on **03 October 2018** from 17:53:07 to 17:54:47 UTC

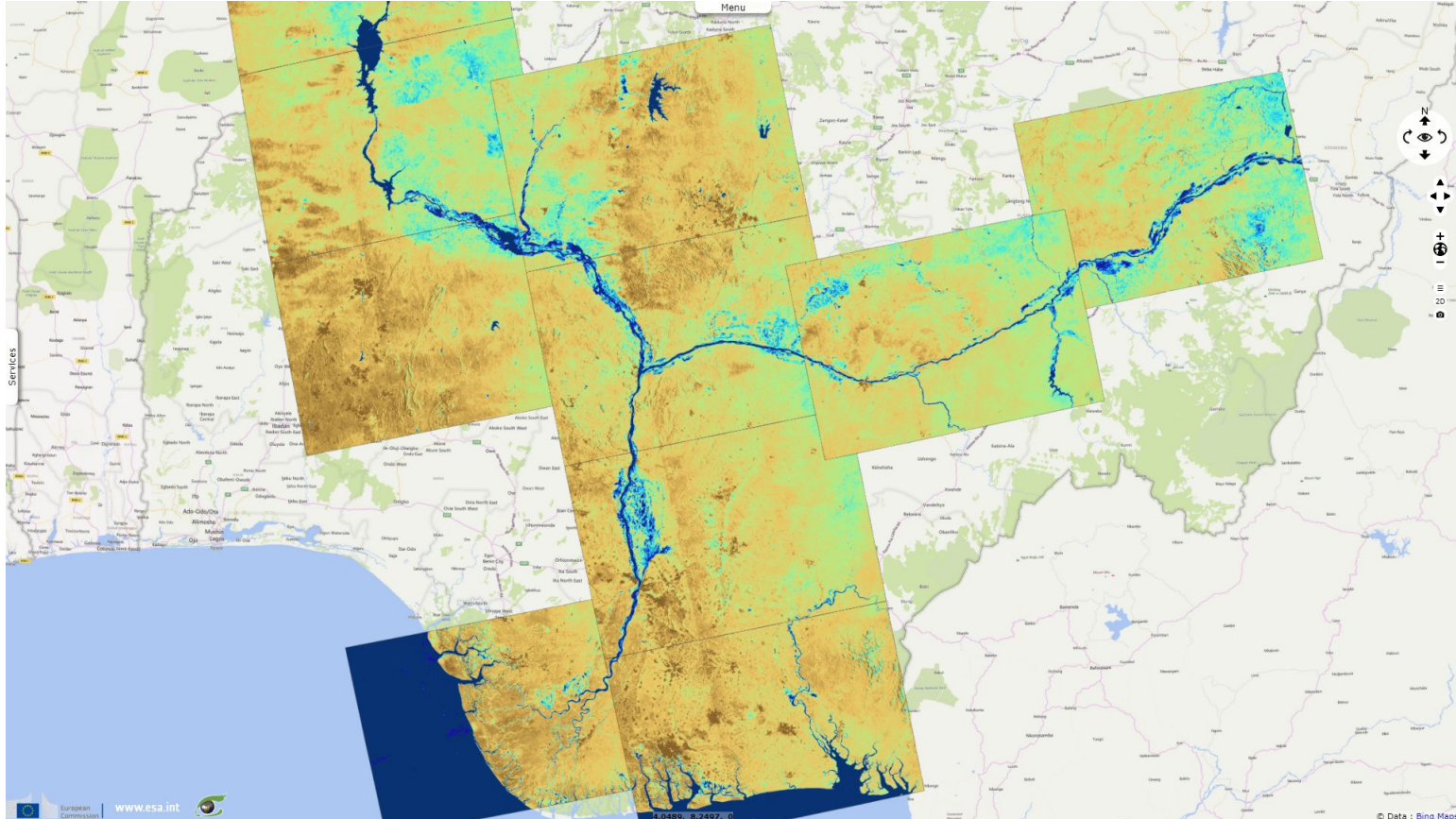
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Keyword(s): Emergency, natural disaster, climate, land, river, flooding, rain, precipitations, Nigeria



[2D Layerstack](#)

Fig. 1 - S1 (11, 16, 18 & 21.09.2018) - vh polarisation, σ_0 with colour map - Overflowing Niger & tributaries across Nigeria. [3D animation](#) [3D view](#)



Niger flood displaced over 600000 people and killed at least 108. Venomous snakes fleeing the flood could significantly worsen the toll as in 2012.

Fig. 2 - 09.09.2018 - Niger river flooding between Nigeria frontier & Kaduna tributary. [3D view](#) [3D animation](#)

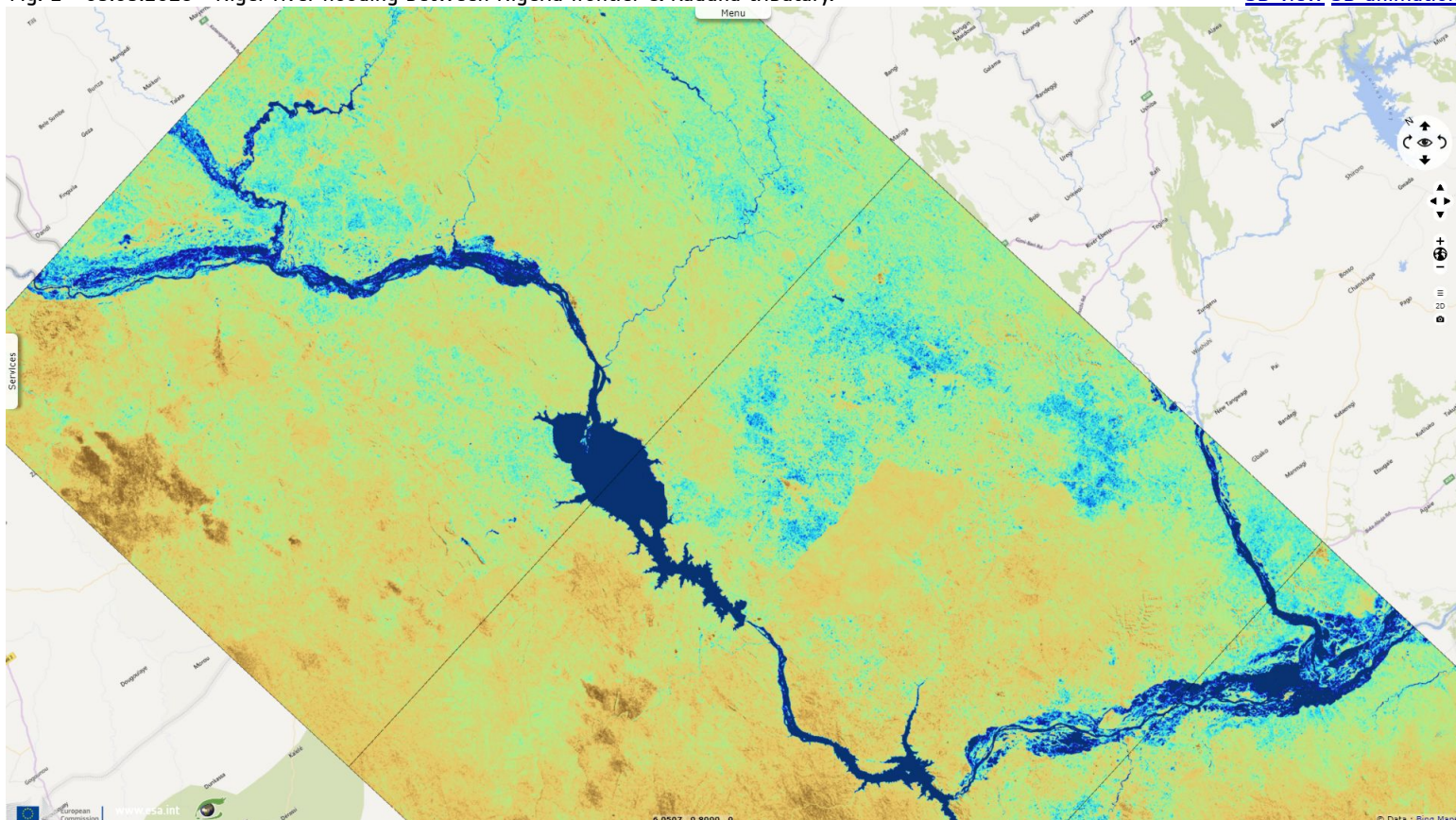


Fig. 3 - 11 & 18.09.2018 - Further east, Benoue tributary between the confluence with Gondola (higher) & Katsina Ala (lower). [3D view](#) [3D animation](#)

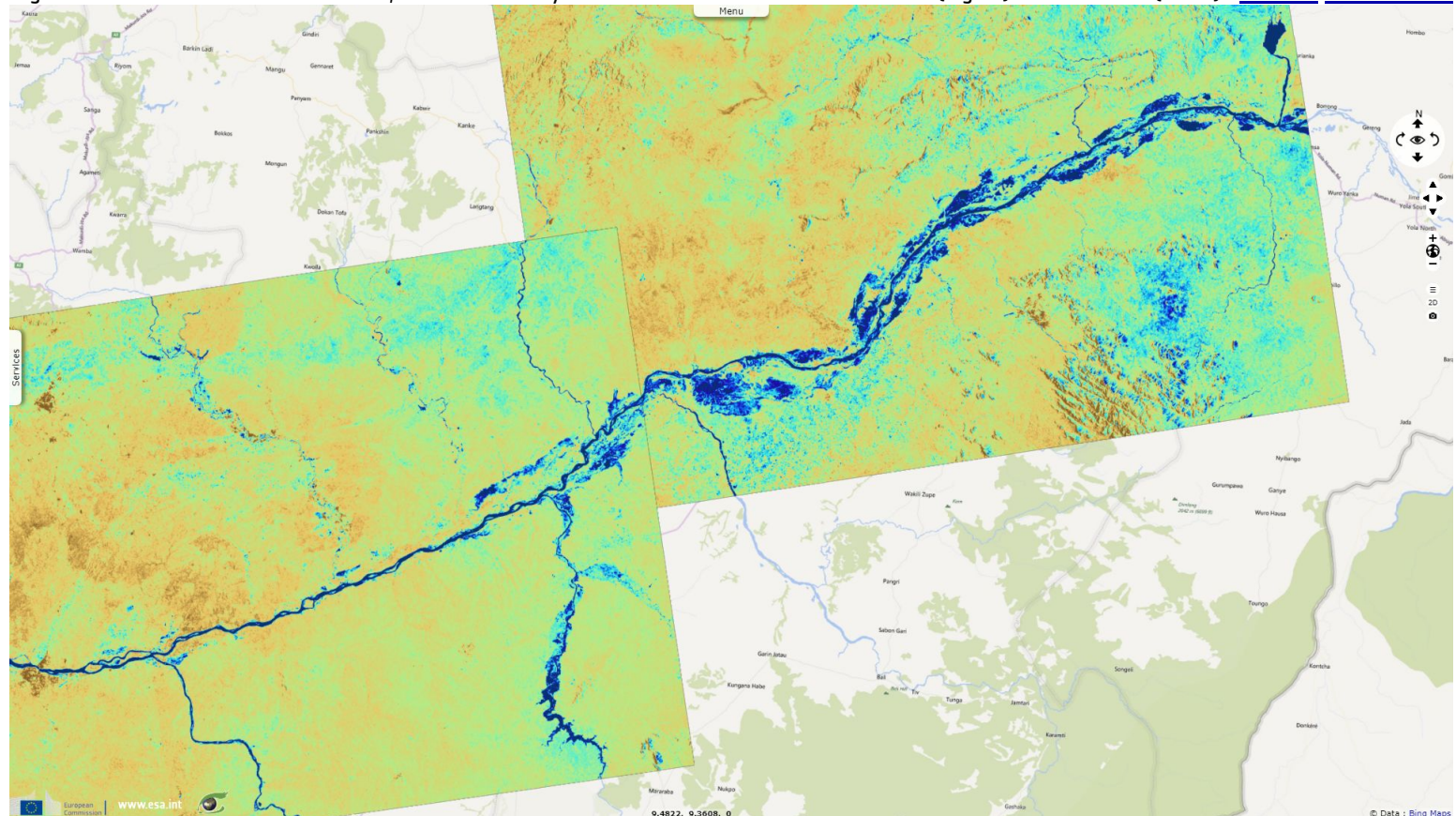
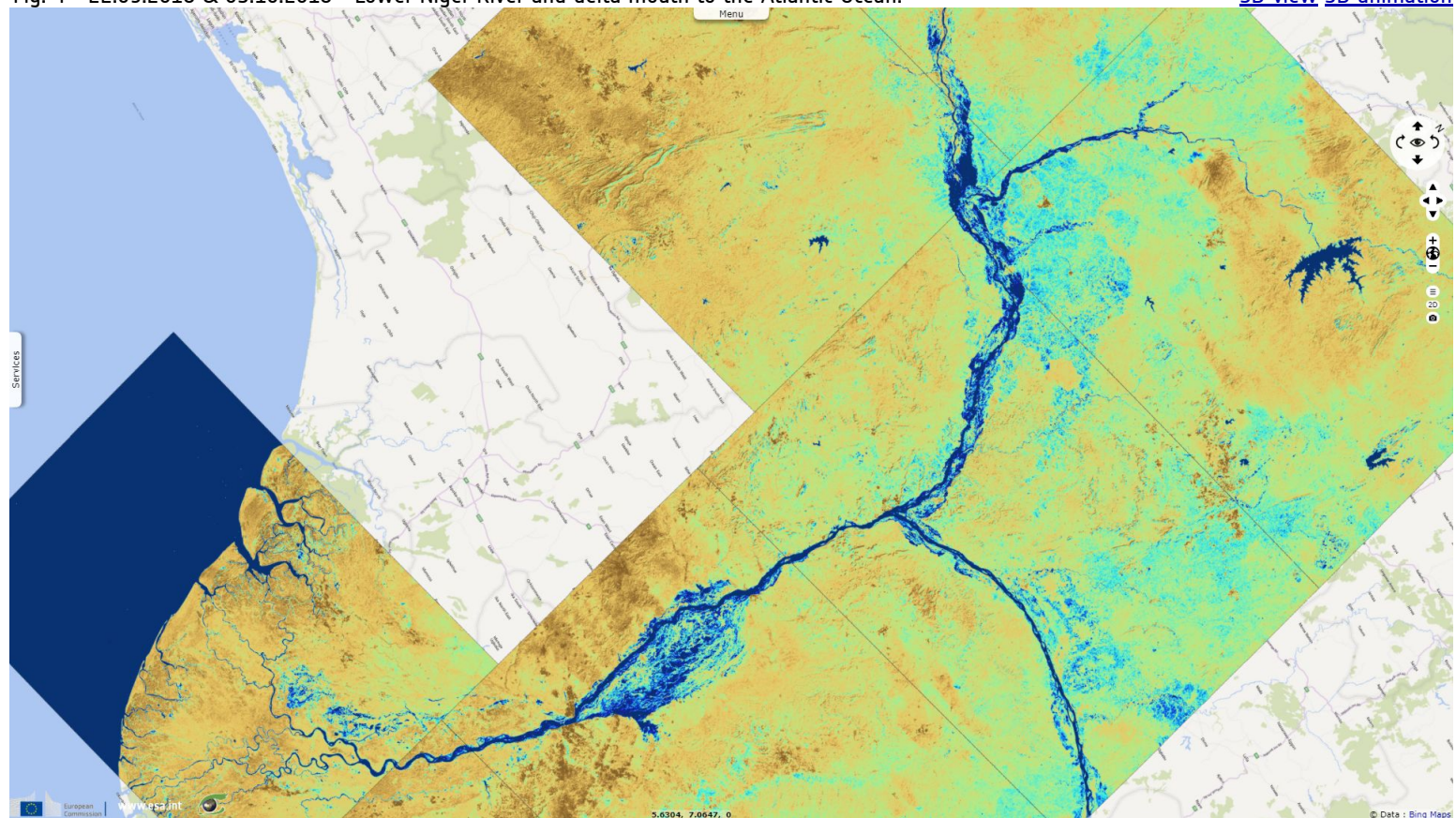


Fig. 4 - 22.09.2018 & 03.10.2018 - Lower Niger River and delta mouth to the Atlantic Ocean. [3D view](#) [3D animation](#)



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