

Multi-scale flood monitoring services for West Africa

Sentinel-1 CSAR IW acquired on 07 September 2018 from 18:10:43 to 18:11:08 UTC

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

Sentinel-2 MSI acquired on 19 August 2020 at 10:20:31 UTC

Sentinel-1 CSAR IW acquired on 28 August 2021 from 18:10:16 to 18:10:41 UTC

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[2D Layerstack](#)

Fig. 1 - During the rainy season, Central Africa is susceptible to annual floods likely to cause havoc to unregulated cities.

[2D view](#)

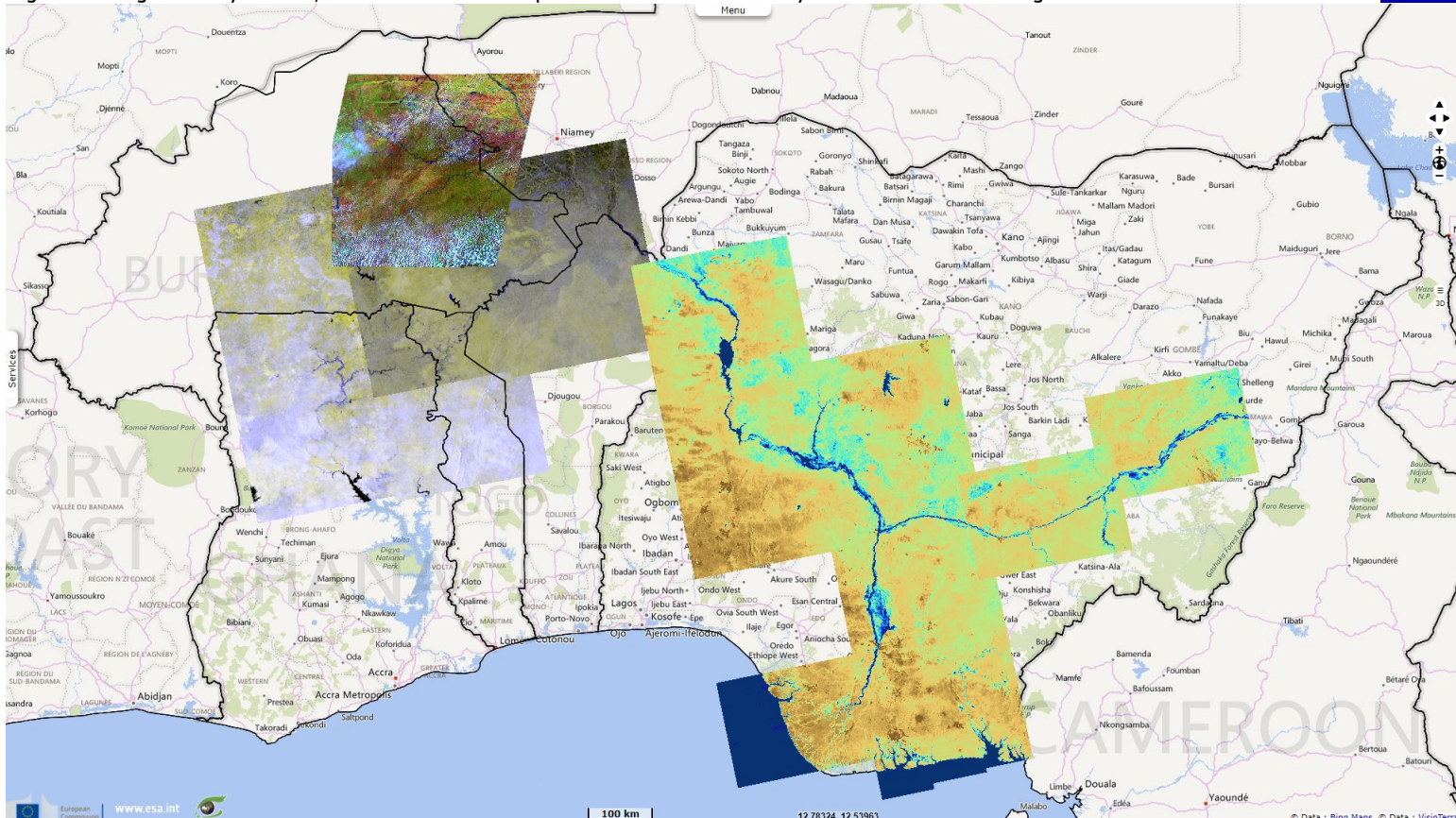


Fig. 2 - S2 (19.08.2020) - Flood of the Sirba river basin in Burkina Faso.

[3D view](#)

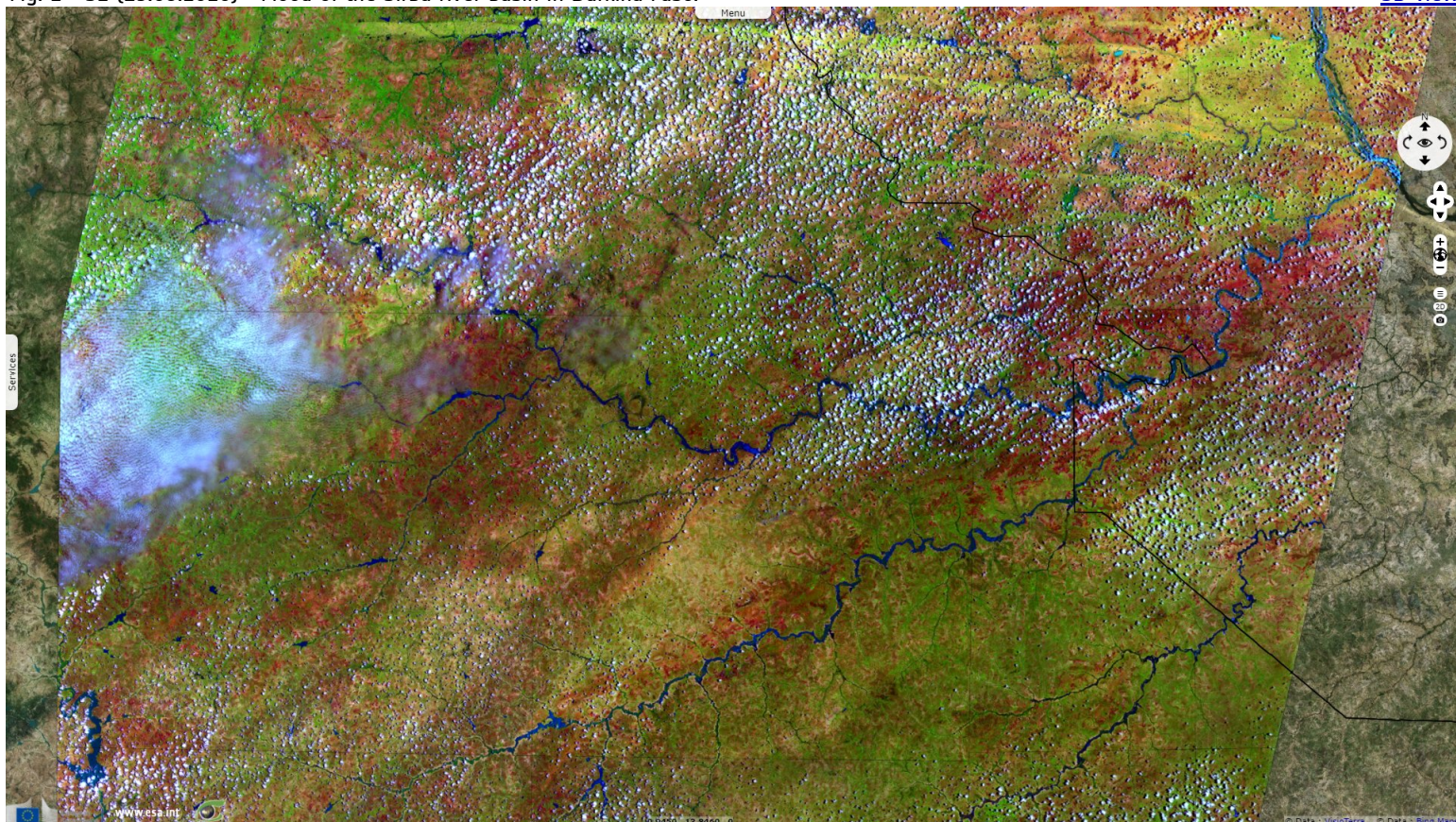


Fig. 3 - S1 (11.09.2018-03.10.2018) - It takes over a month between excess water falling near the Niger source & Nigeria being flooded downstream.

[3D view](#)

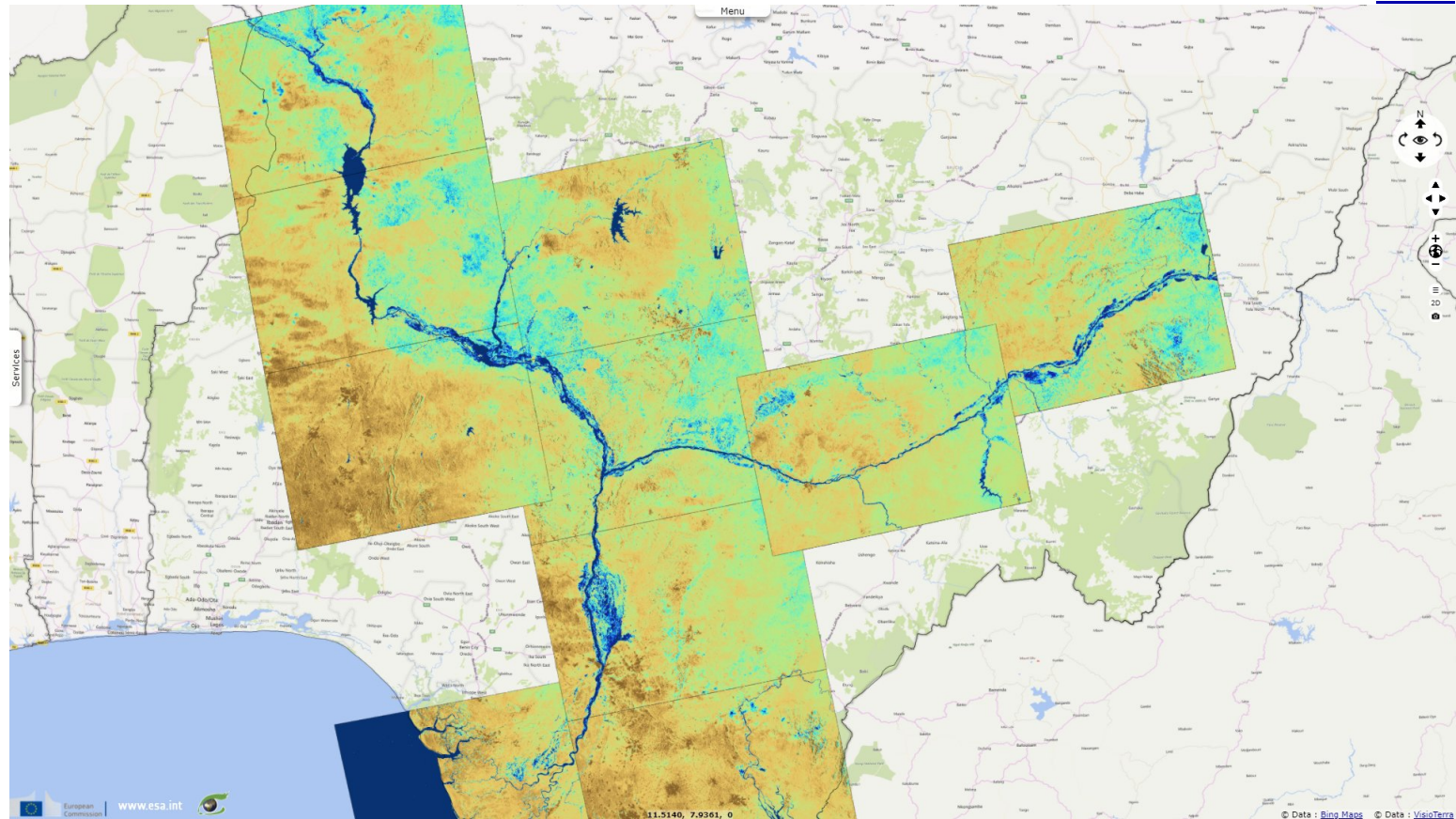


Fig. 4 - S1 (02 & 09.08.2018, 02 & 07.09.2018) - Flood of the Oti/Pendjari river between Togo, Benin and Burkina Faso, upstream of the Volta river.

[2D view](#)

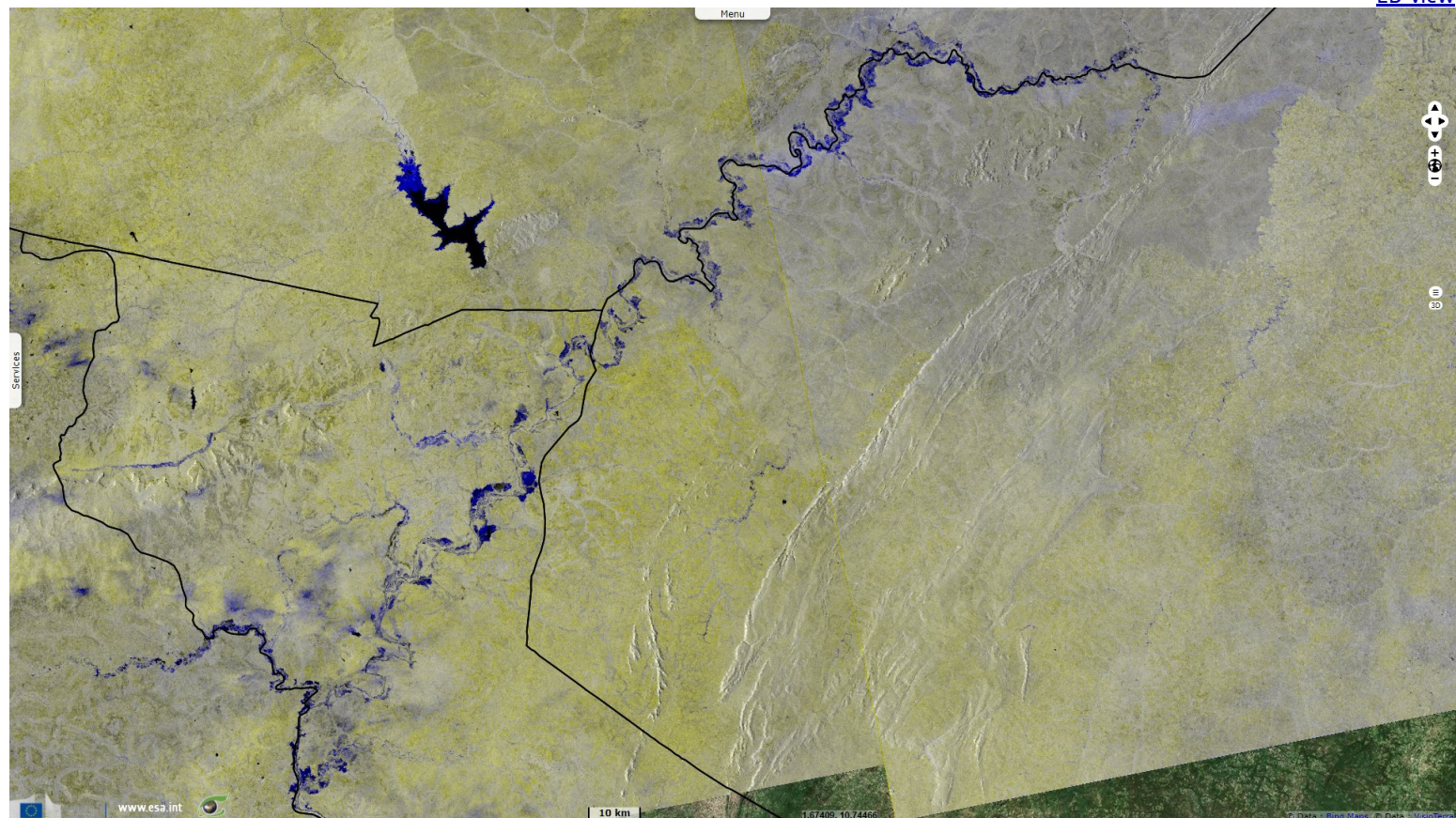
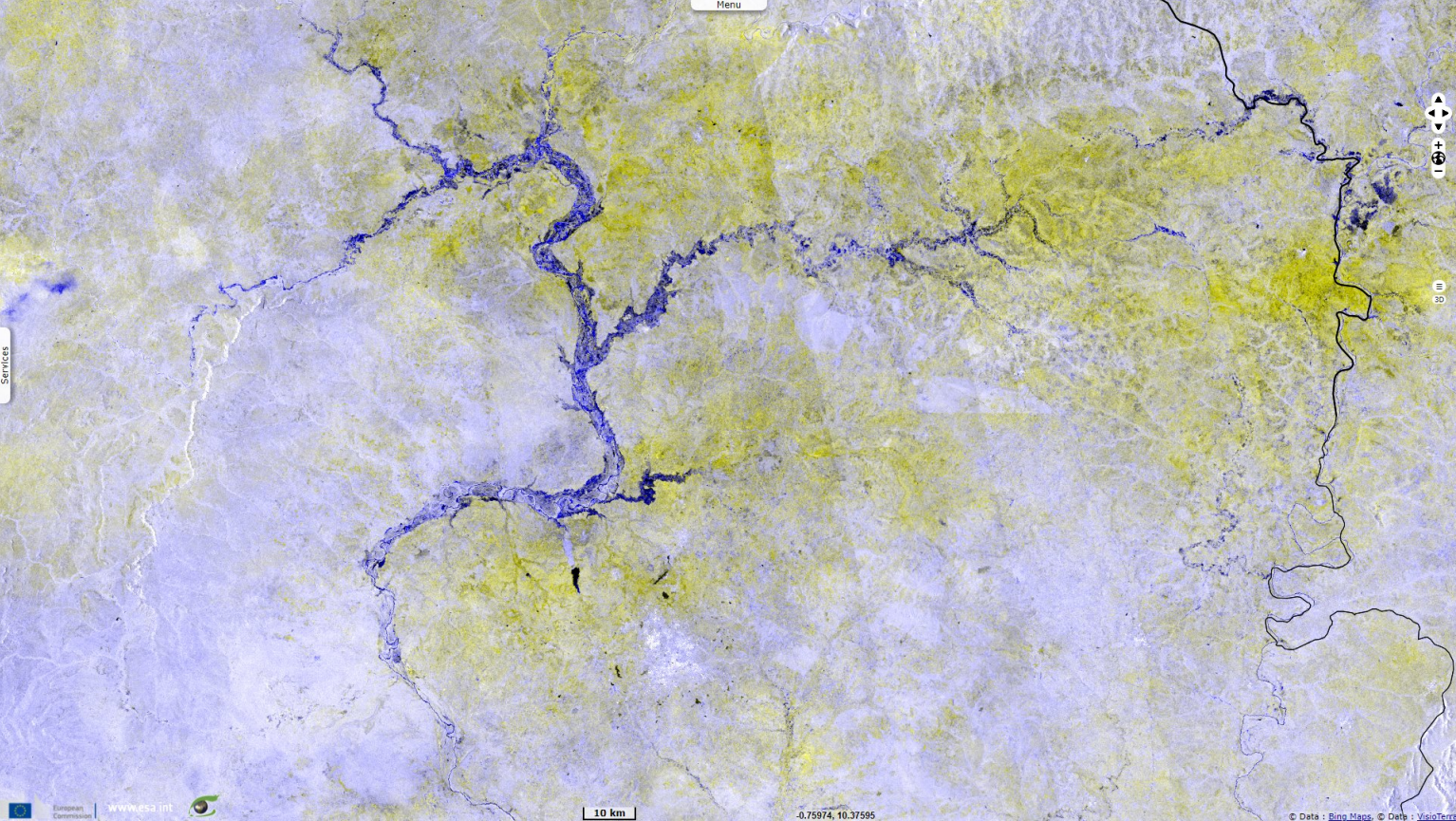


Fig. 5 - S1 (04, 11, 22, 27 & 28.06.2021) - Flood of the Volta river in Ghana in 2021.

[2D view](#)



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