

Red Deer River

Sentinel-1 CSAR IW acquired on **13 March 2016** at 01:21:44 UTC
Sentinel-1 CSAR IW acquired on **04 August 2016** at 01:21:52 UTC
Sentinel-2 MSI acquired on **12 August 2017** at 18:29:21 UTC
Sentinel-2 MSI acquired on **10 December 2017** at 18:37:51 UTC

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[2D Layerstack](#)

Fig. 1 - S1 (04.08.2016) - vv,vh,ndi(vh,vv) colour composite - Red Deer River flowing through croplands, east of Calgary, Canada.

[3D view](#) [2D view](#)

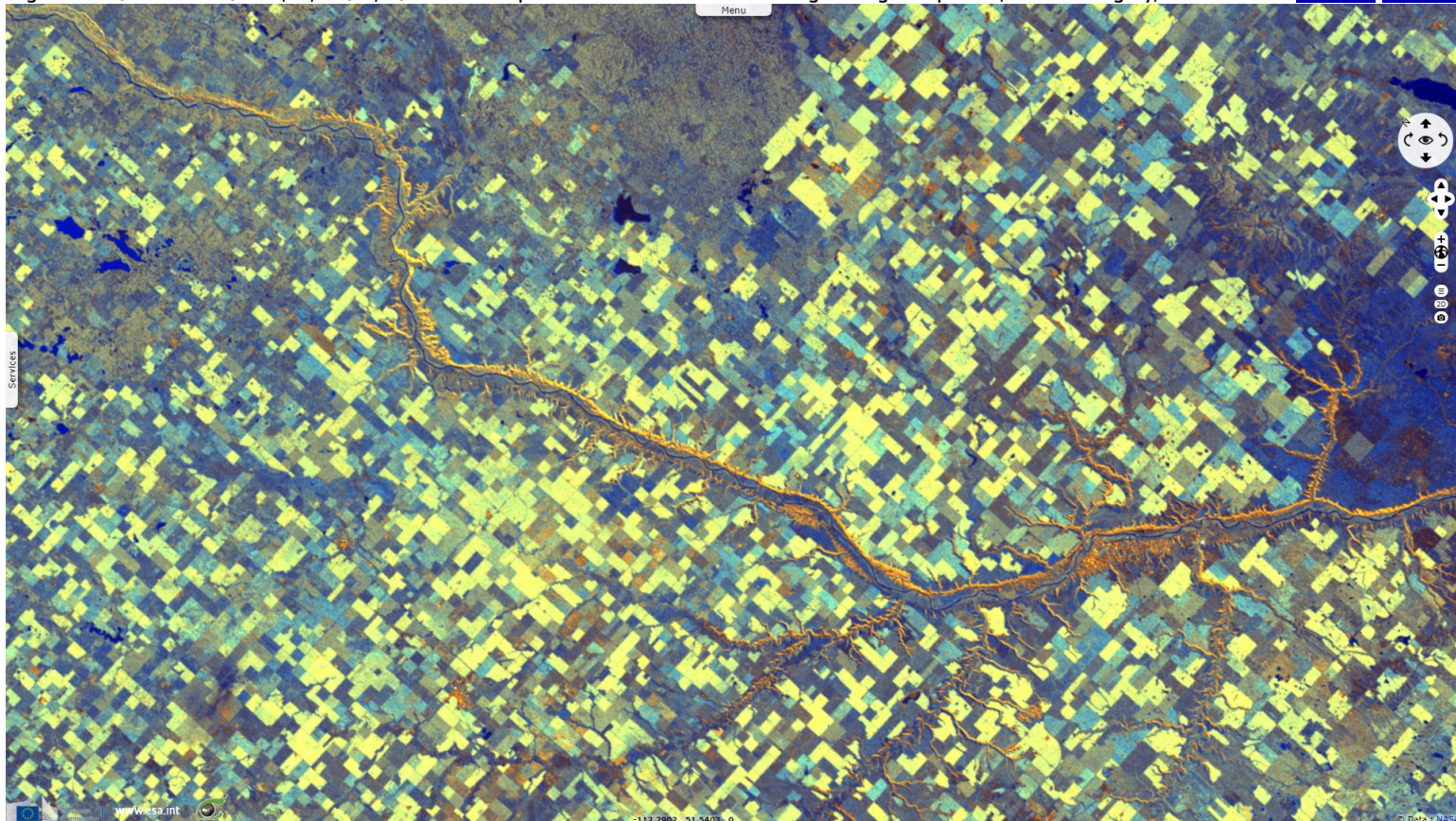


Fig. 2 - S2 (04.08.2016) - 4,3,2 natural colour - During a glacial flood, Red Deer River carved the surrounding plateau.

[2D view](#)



Fig. 3 - S1 - Caused by erosion, this badland topography allowed the discovery of Cretaceous fossils in Alberta, which of numerous dinosaurs. [2D view](#)

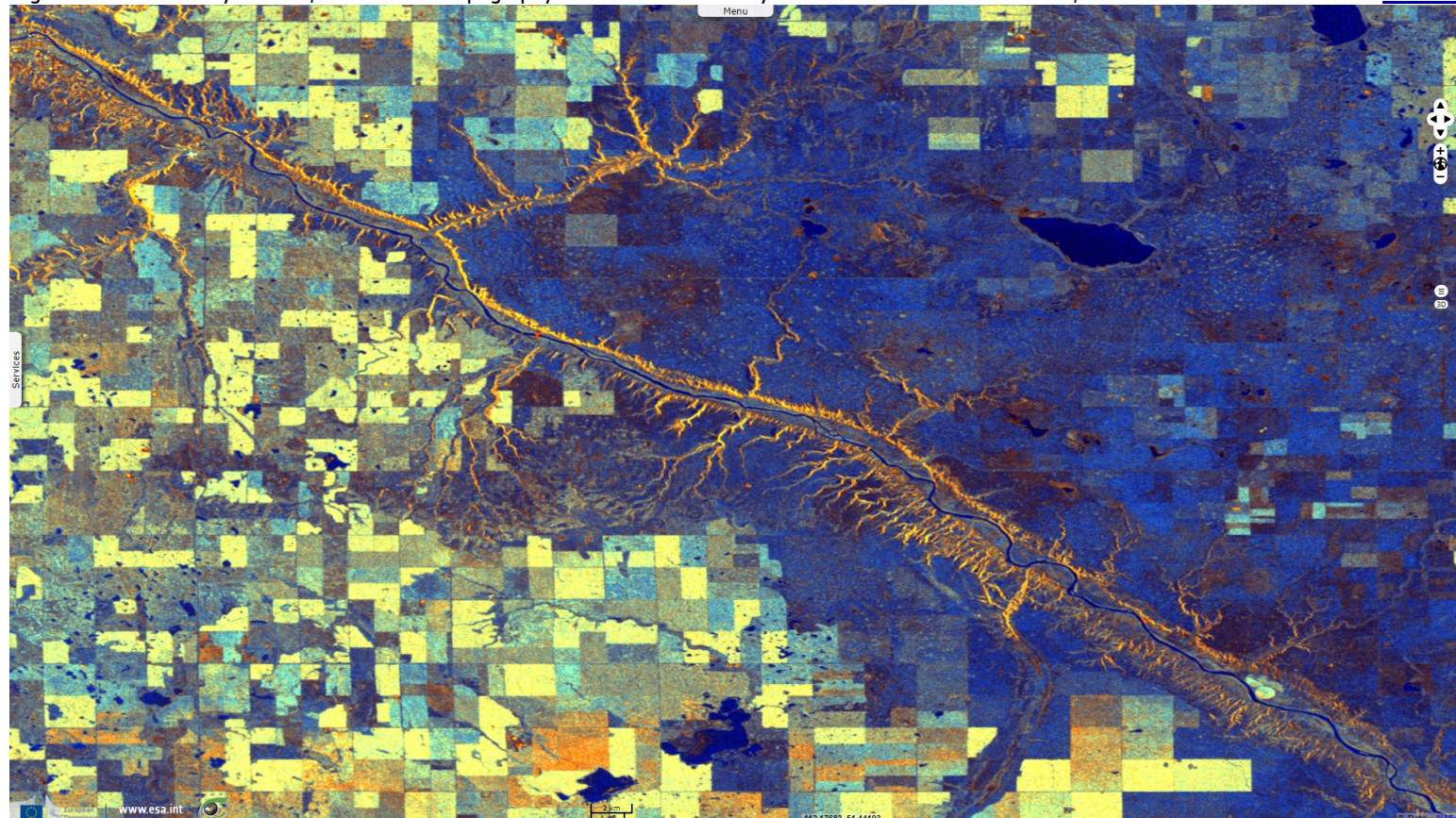
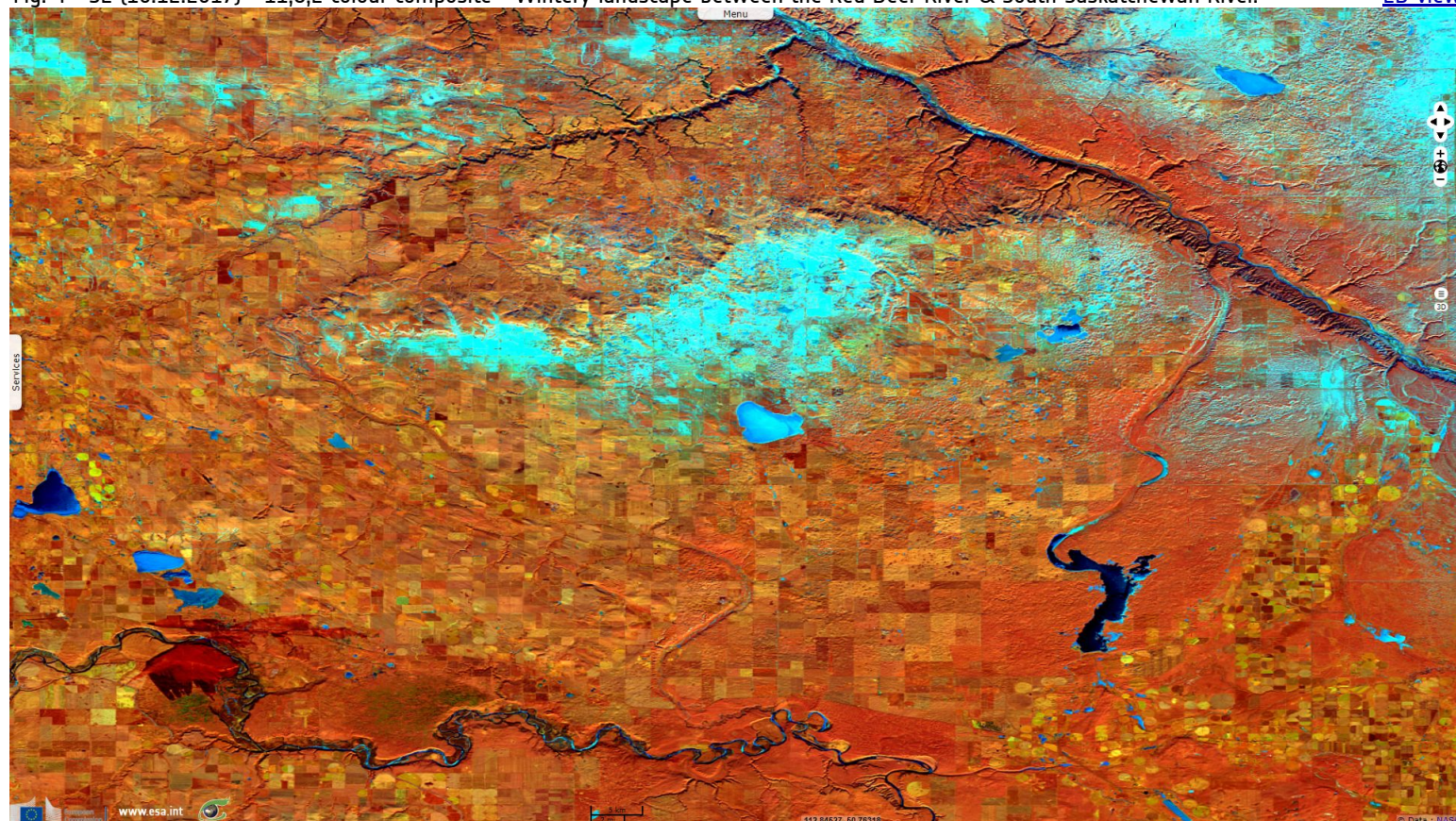


Fig. 4 - S2 (10.12.2017) - 11,8,2 colour composite - Wintery landscape between the Red Deer River & South Saskatchewan River. [2D view](#)



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