Sentinel Vision
SED-256
08 June 2018

2D Layerstack

Canyons of the Upper Missouri river basin

Sentinel-3 OLCI FR acquired on **27 June 2016** at 17:56:38 UTC
Sentinel-3 OLCI FR acquired on **24 July 2016** at 17:56:38 UTC
Sentinel-1 CSAR IW acquired on **21 April 2018** from 01:11:55 to 01:12:20 UTC
Sentinel-1 CSAR IW acquired on **28 April 2018** from 01:03:32 to 01:03:57 UTC

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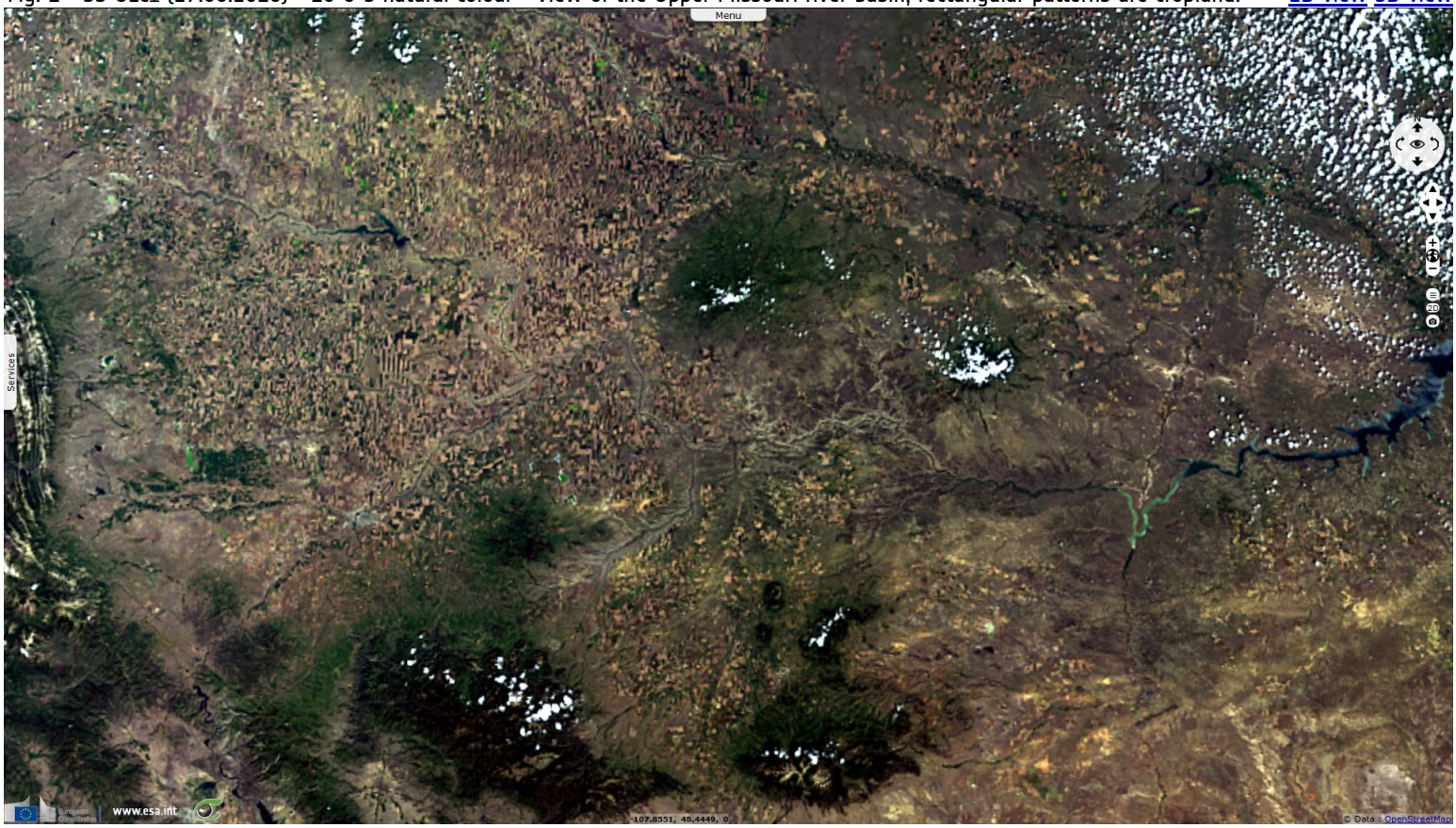
Keyword(s): Hydrology, land, river, badland, plateau, erosion, canyon, cliff, Montana, USA, United States, Alberta, Canada

Fig. 1 - S3 OLCI (27.06.2016) - 10-6-3 natural colour - View of the Upper Missouri river basin, rectangular patterns are cropland. 2D view 3D view



This story showcases the canyons of the Upper Missouri River Breaks National Monument. Missouri flows 3800km before reaching Gulf of Mexico.

Fig. 2 - 24.07.2016 - Post-harvest image highlighting the rivers steep hillsides show in grey & dark brown. 3D view 2D view

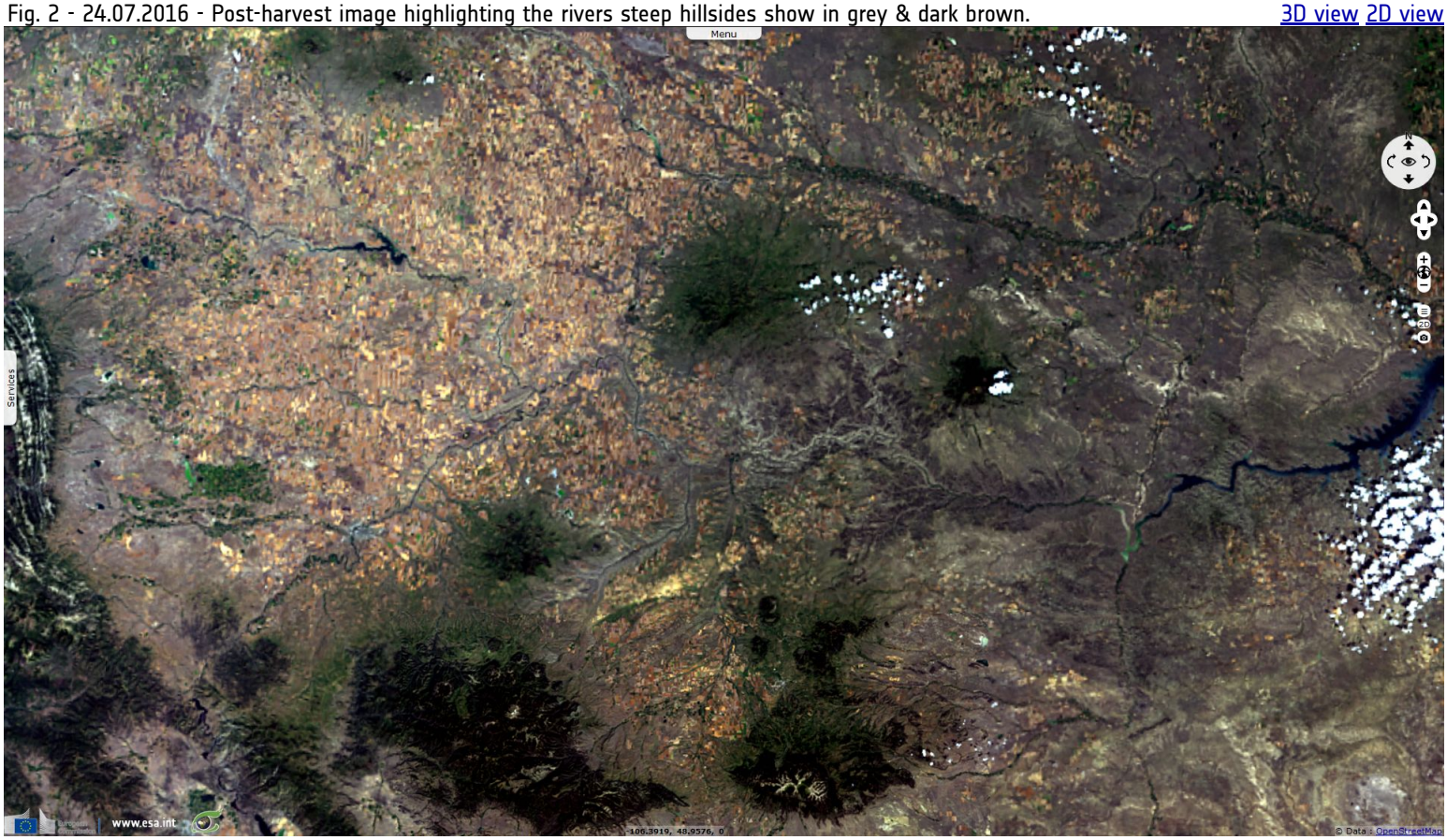


Fig. 3 - S1 (21 & 28.04.2018) - neg(vh,vv,ndi(vh,vv)) colour composite - Zoom on the region from Great Falls to UL Bend. 3D view 2D view

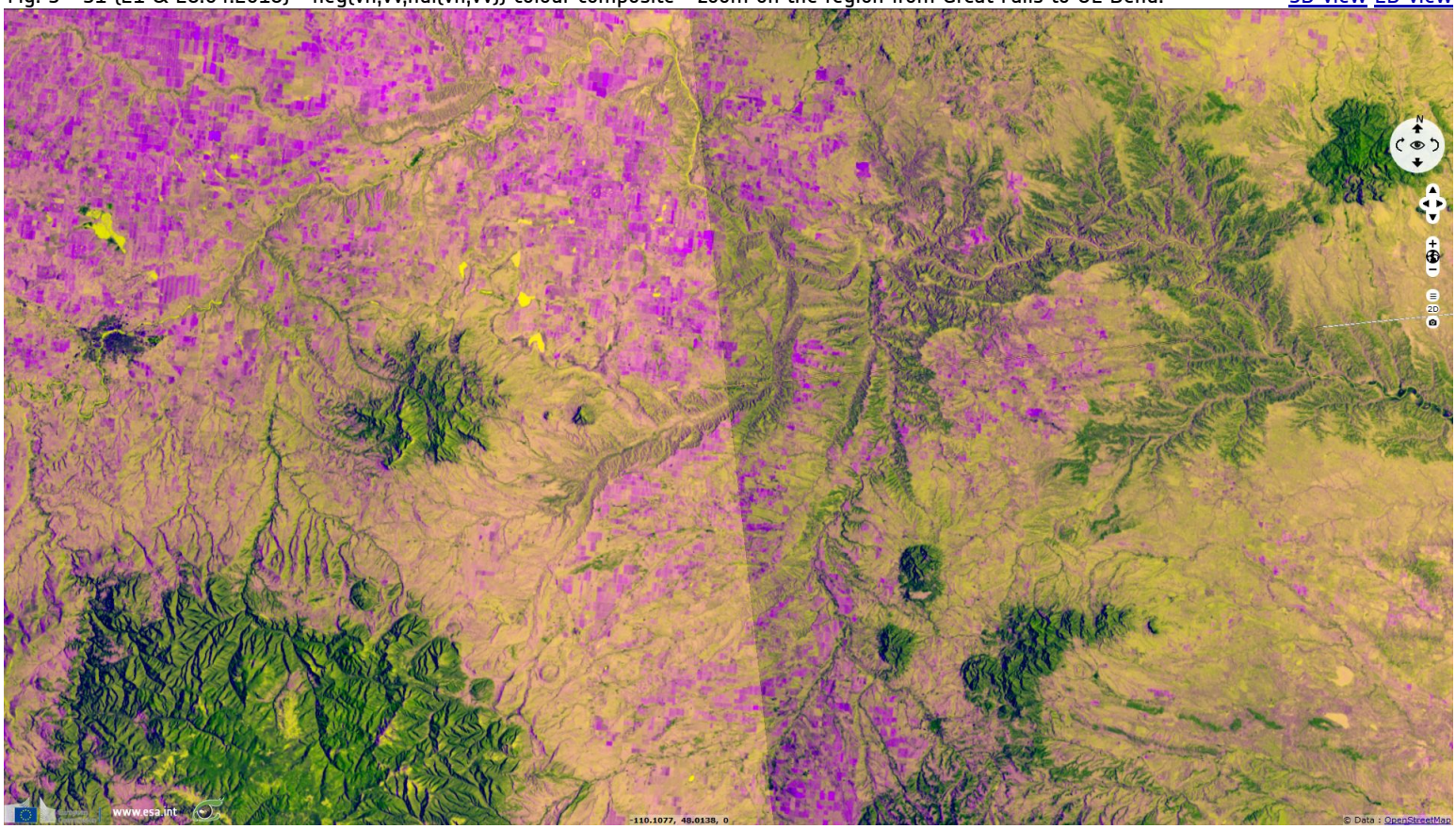
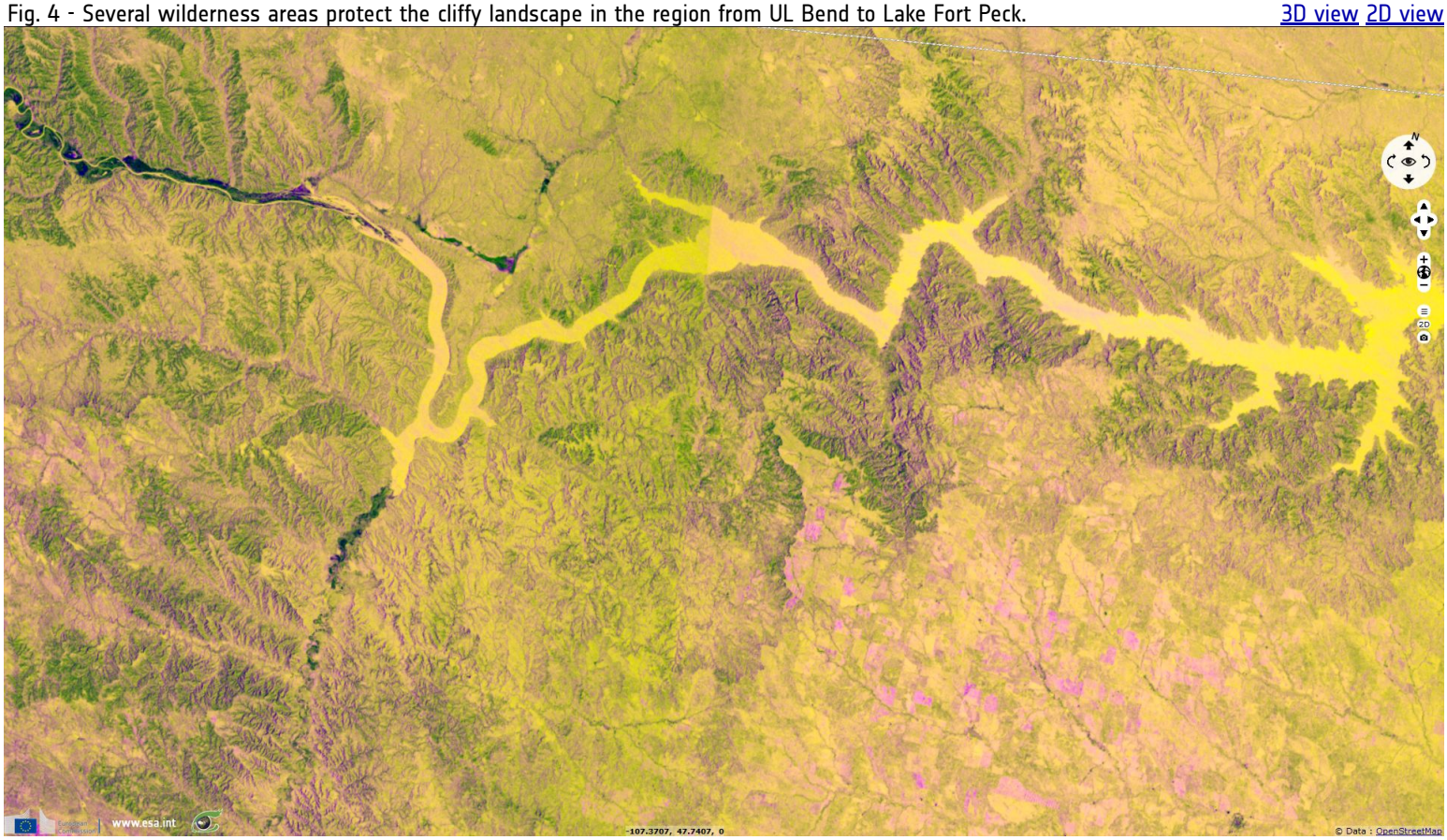


Fig. 4 - Several wilderness areas protect the cliffy landscape in the region from UL Bend to Lake Fort Peck. 3D view 2D view



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