Sentinel Vision
SED-394
06 February 2019

2D Layerstack

Polar air masses descend upon North America

Sentinel-3 SLSTR RBT acquired on **28 January 2019** at 15:33:17 UTC
Sentinel-3 SLSTR RBT acquired on **29 January 2019** from 16:51:05 to 20:13:04 UTC
...
Sentinel-3 OLCI FR acquired on **02 February 2019** from 18:28:20 to 20:09:19 UTC
Sentinel-3 SLSTR RBT acquired on **04 February 2019** from 16:31:30 to 16:34:30 UTC

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Fig. 1 - S3 SLSTR (04.02.2019) - S6,S5,S2 colour composite - A polar vortex descends in the US Great lake regions, bringing intense cold. 2D view

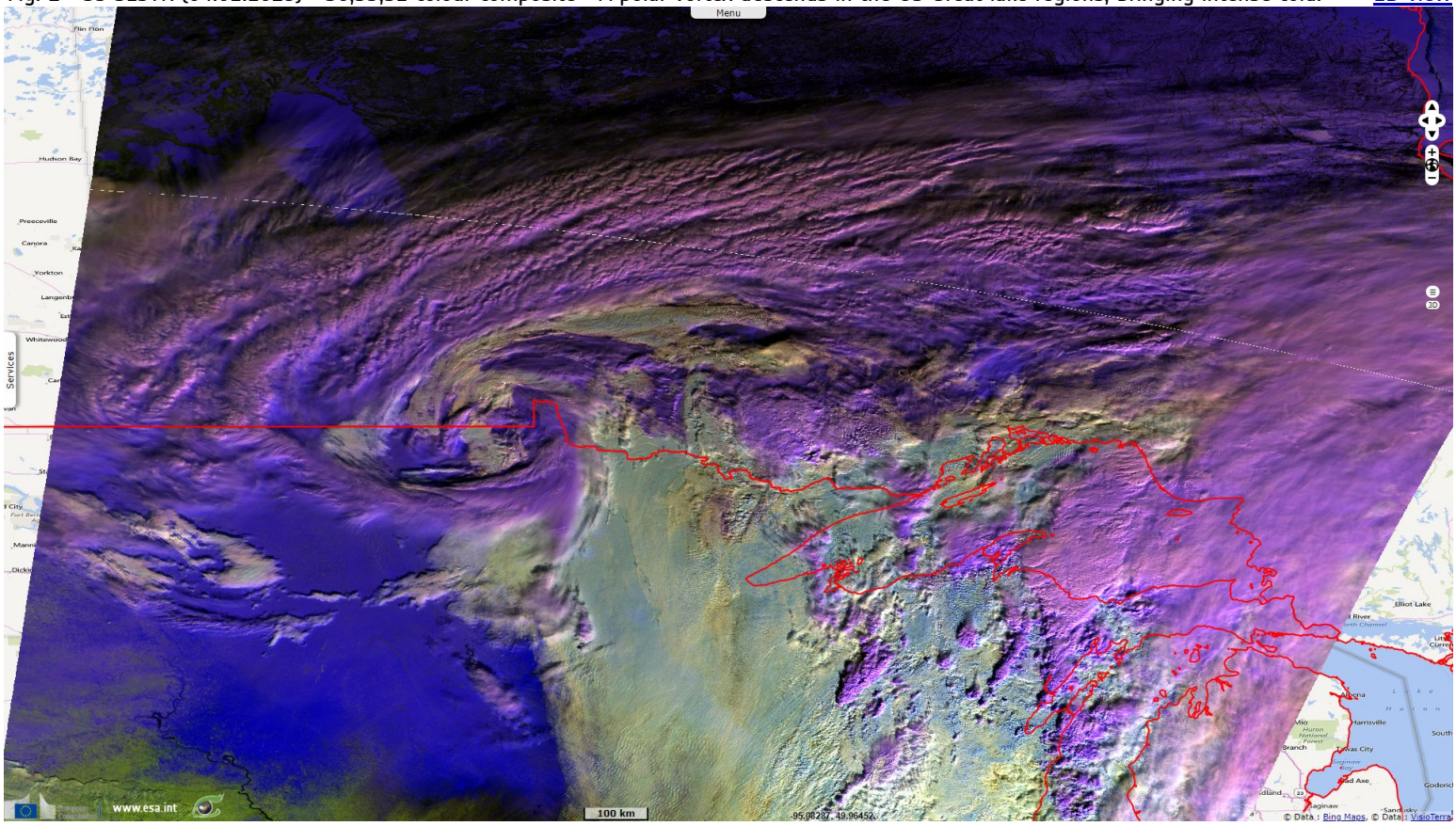


Fig. 2 - SLSTR (28.01 to 02.02.2019) - S5,S3,S2 composite - Frozen land from Hudson bay to the Great lakes & midwest plains by -50°C. 3D view

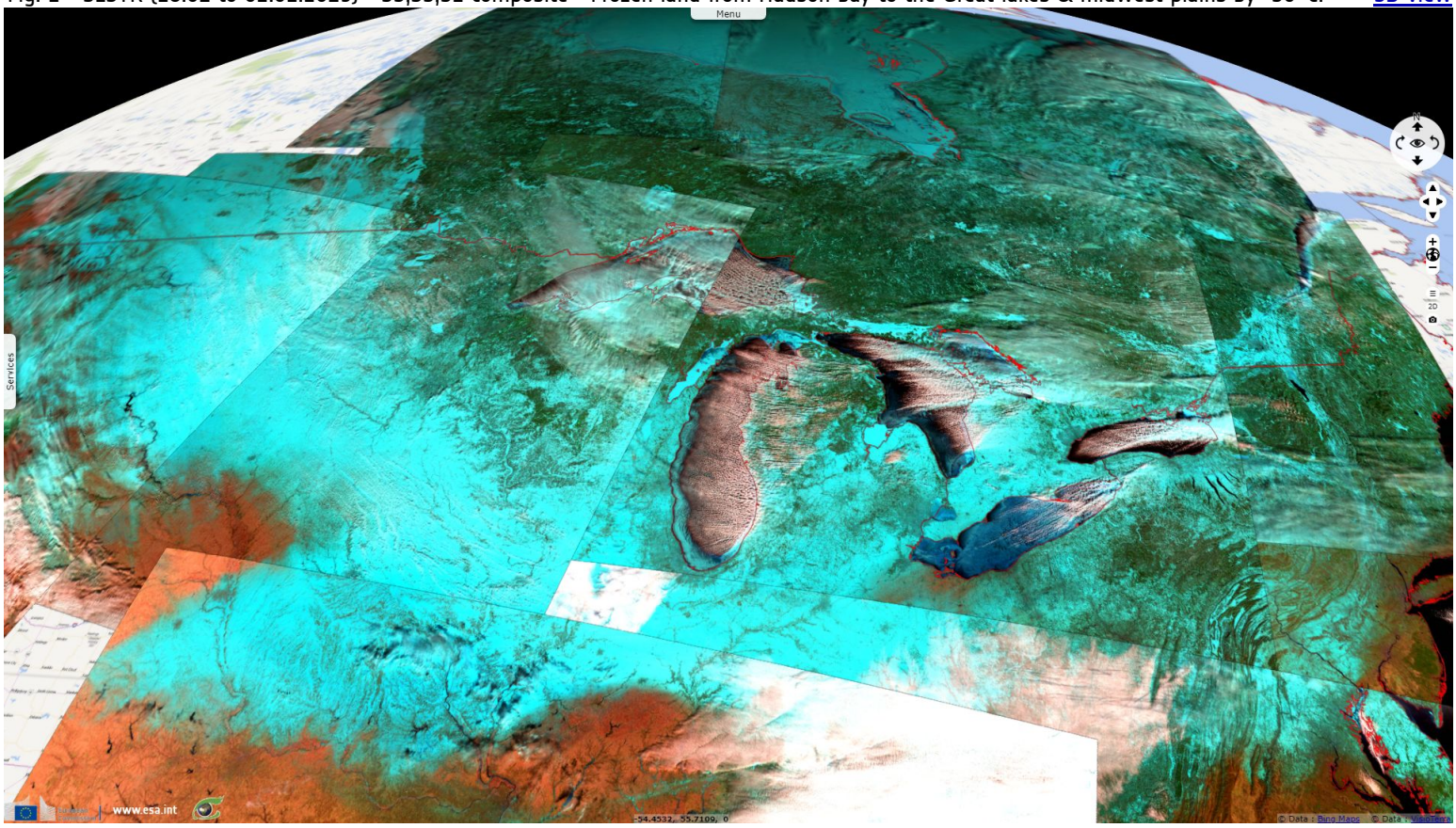


Fig. 3 - SLSTR (29.01.2019) - S6,S5,S2 colour composite - A depression structuring as it moves south from the Gulf of Alaska. 2D view

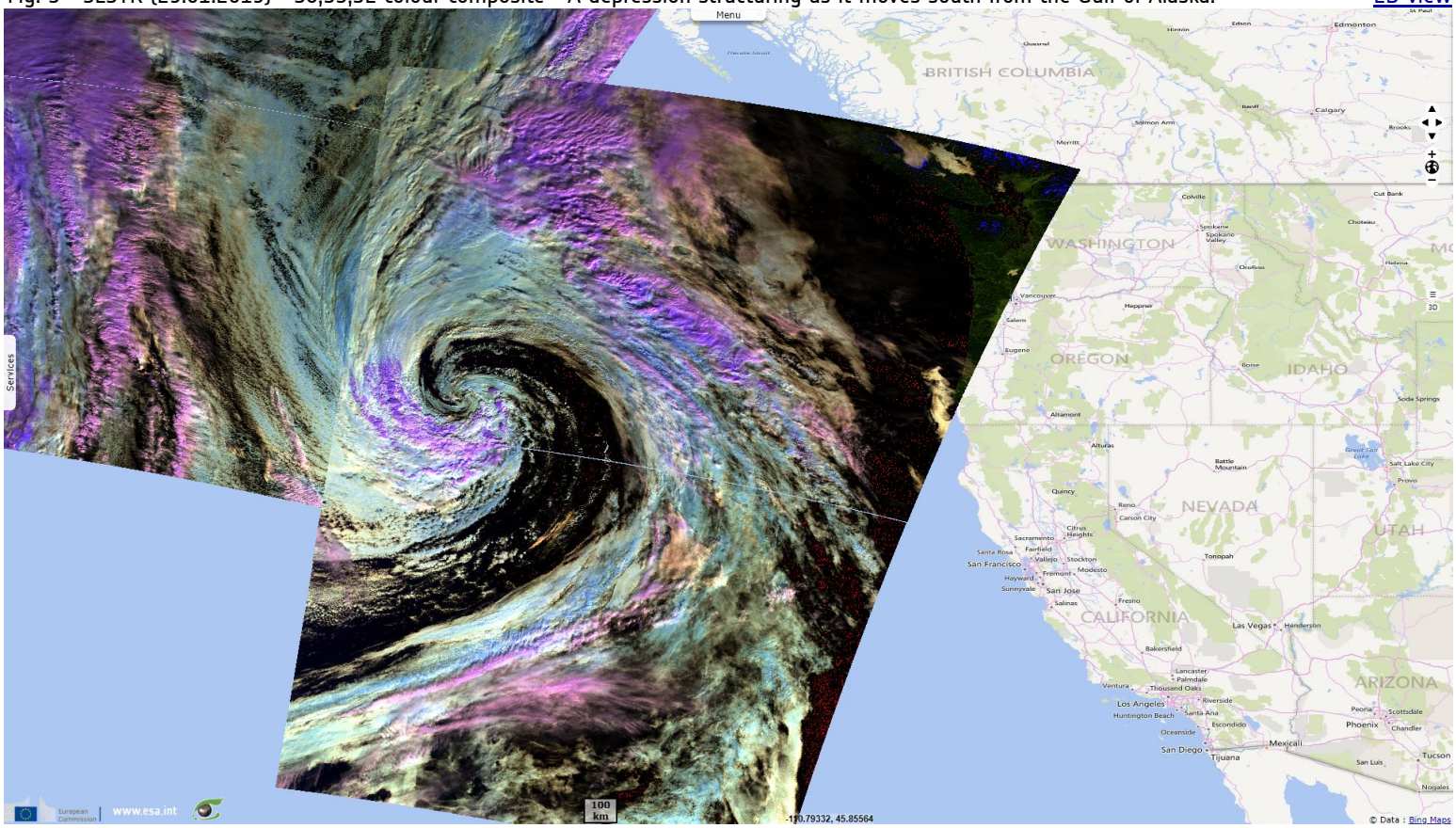
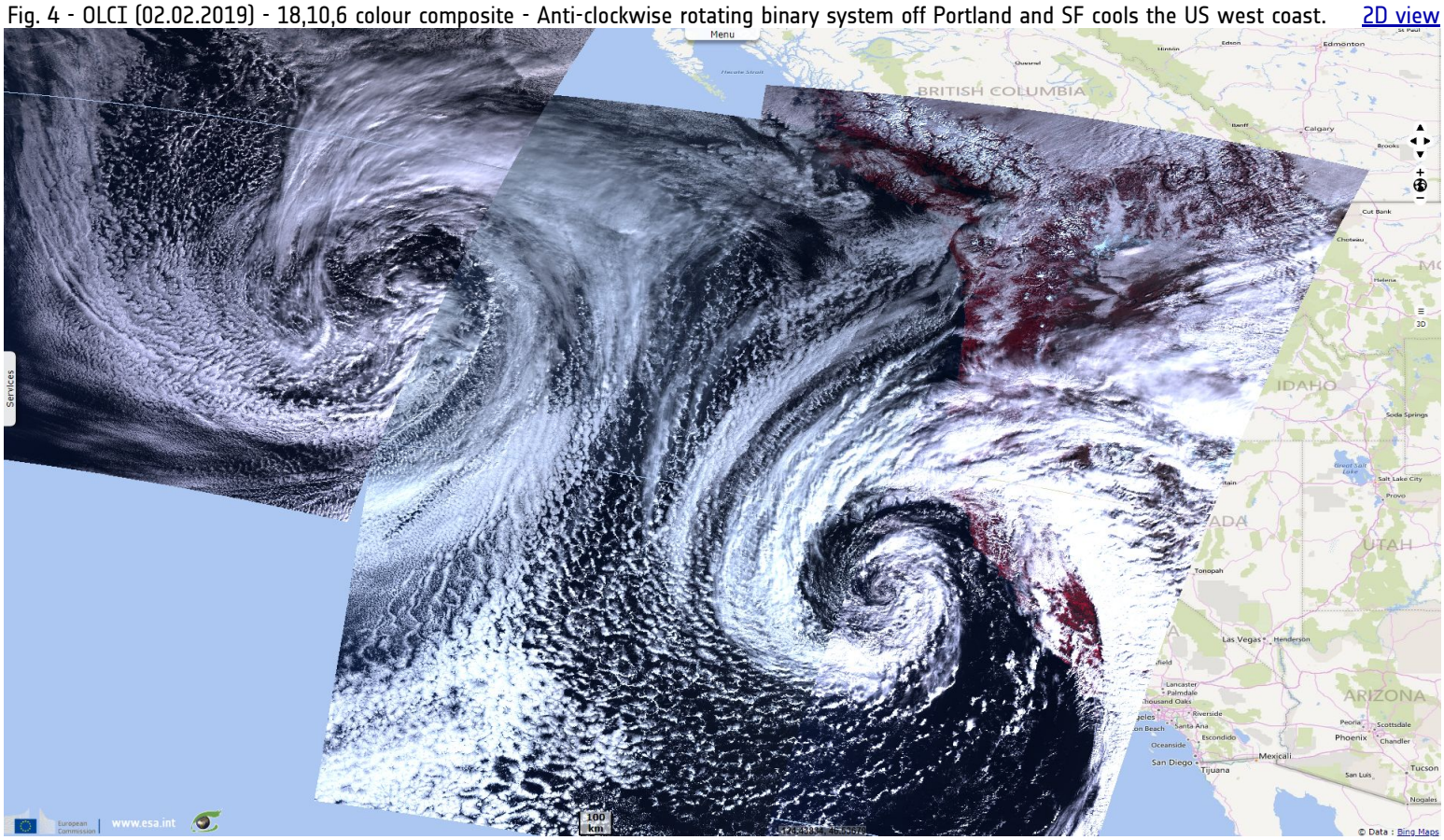


Fig. 4 - OLCI (02.02.2019) - 18,10,6 colour composite - Anti-clockwise rotating binary system off Portland and SF cools the US west coast. 2D view



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