

Ob Estuary, largest of the World, Russia

Sentinel-1 CSAR IW acquired on 27-29 August and 05 september 2017
Sentinel-3 OLCI FR acquired on 23 August 2018

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[3D Layerstack](#)

Fig. 1 - COP-DEM & GEBCO - Global view of the Gulf of Ob.

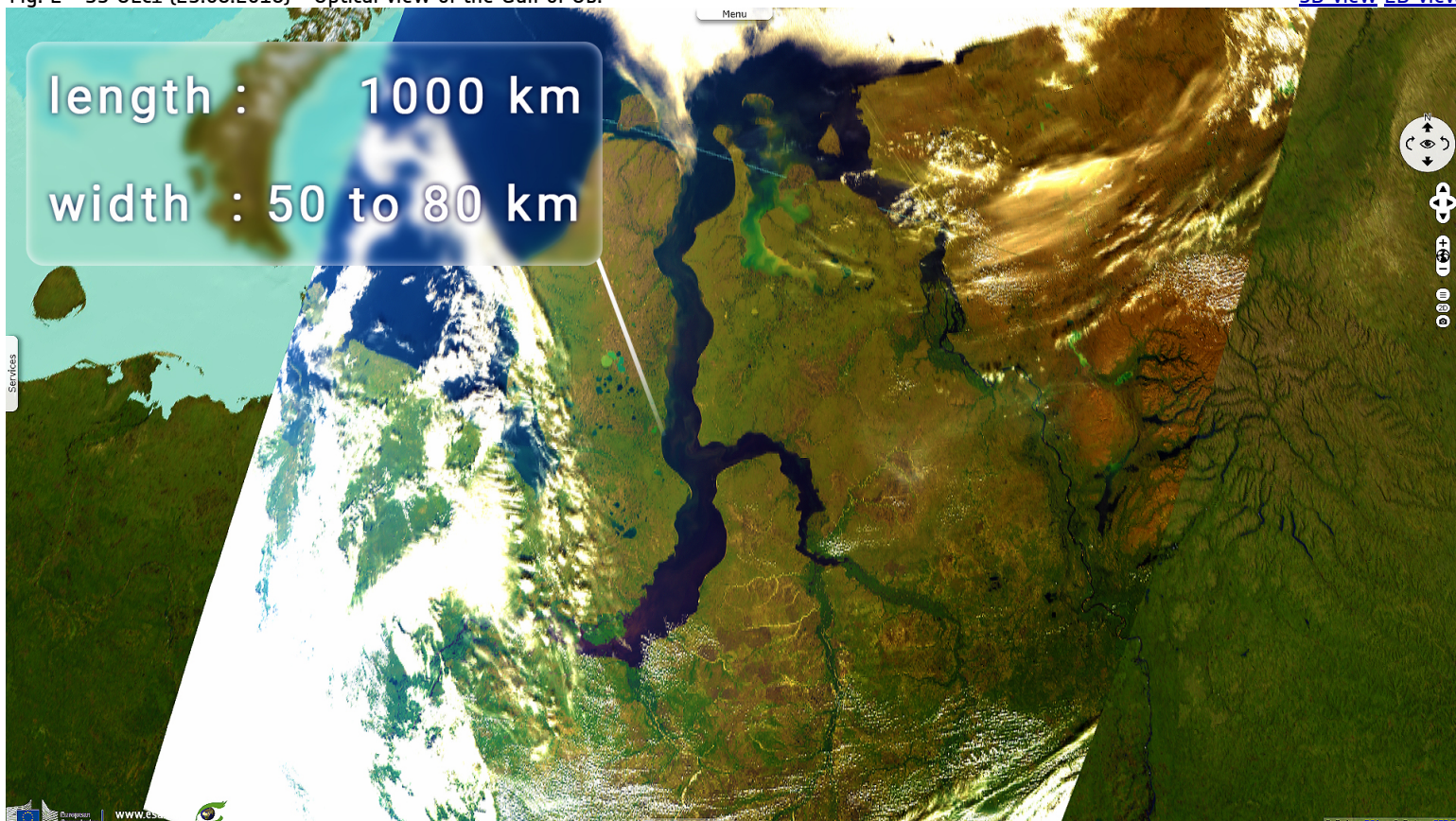
[3D view](#) [2D view](#)



The Gulf of Ob is a bay of the Arctic Ocean, located in Northern Russia at the mouth of the Ob River. It is the world's longest estuary.

Fig. 2 - S3 OLCI (23.08.2018) - Optical view of the Gulf of Ob.

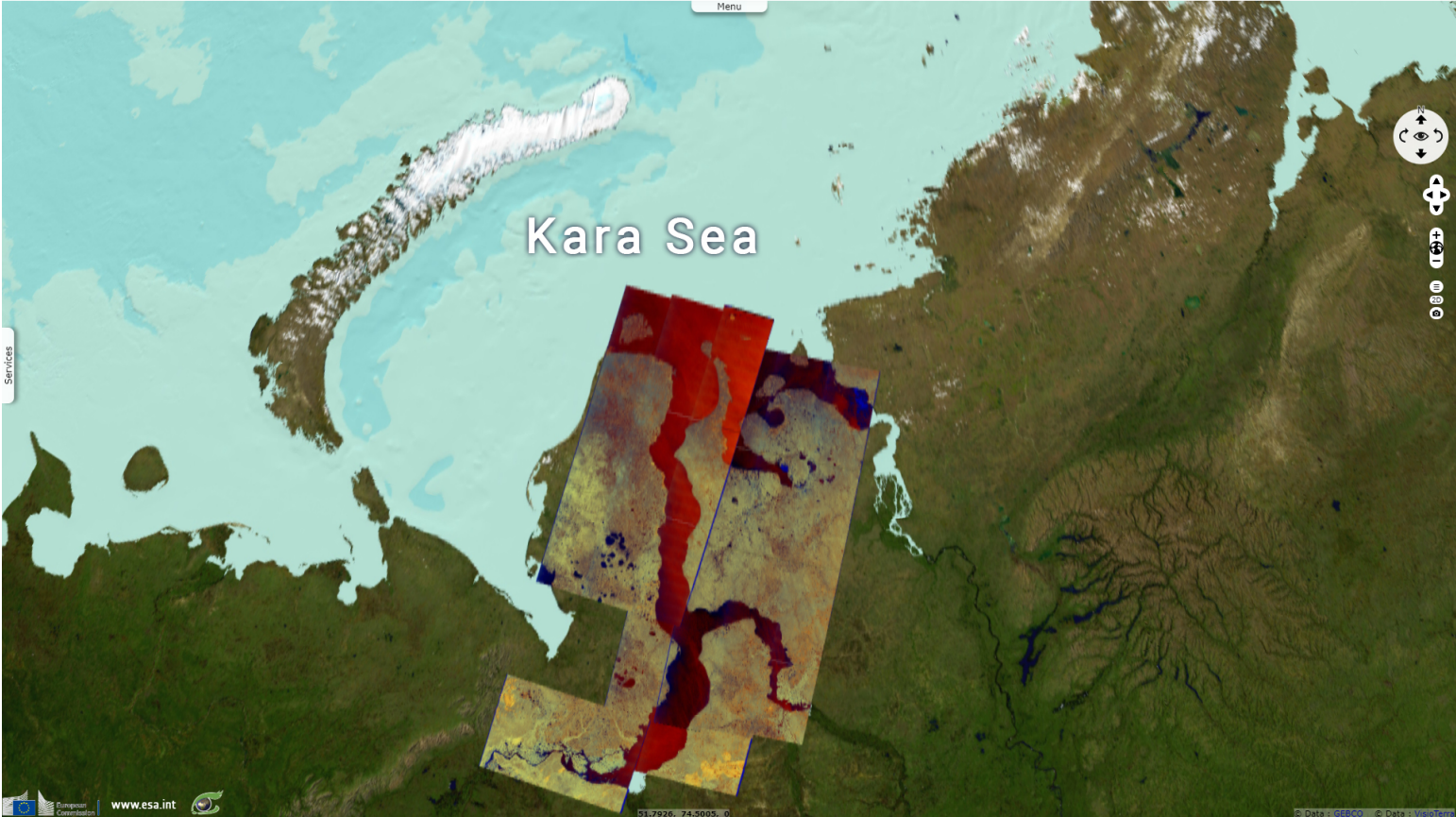
[3D view](#) [2D view](#)



It spans approximately 1,000 kilometers (620 miles) in length, with a width fluctuating between 50 to 80 kilometers (31 to 50 miles), and predominantly follows a north-south trajectory.

Fig. 3 - S1-IW (27.08 & 05.09 2017) - Radar view of the Gulf of Ob.

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



Moving towards the northern region, apart from a handful of islands near the coastline, like Khalevigo and Nyavigo, the Gulf of Ob remains devoid of islands until it converges with the Kara Sea.

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