

# Yolyn Am, dying glacier of the Gobi desert, Mongolia

Sentinel-2 MSI acquired on 29 November 2018 at 04:01:19 UTC

Sentinel-2 MSI acquired on 14 March 2019 at 03:55:31 UTC

Sentinel-2 MSI acquired on 07 June 2019 at 03:55:49 UTC

...

Sentinel-2 MSI acquired on 04 October 2020 at 03:56:21 UTC

Author(s): Sentinel Vision team, VisioTerra, France - [svp@visioterra.fr](mailto:svp@visioterra.fr)

Keyword(s): Icefield, glacier, snow, plateau, reg, desert, global warming, Mongolia



[2D Layerstack](#)

Fig. 1 - S2 (04.10.2020) - Yolyn Am or Vulture's Valley lies in the northern part of the Gobi desert, Mongolia.

[2D view](#)

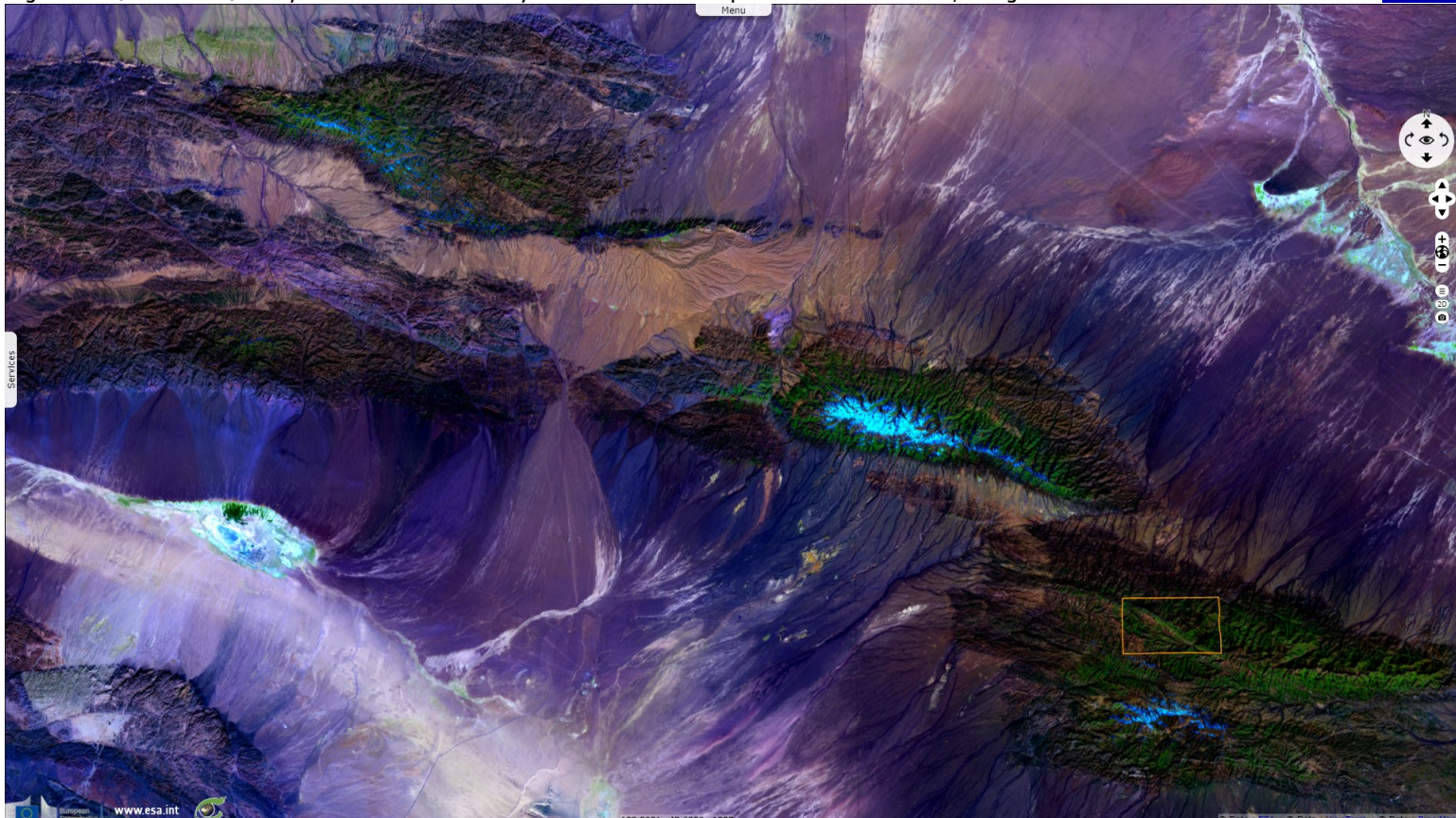


Fig. 2 - S2 (14.10.2020) - It is a narrow rock canyon stretching 40 km long containing a glacier in the middle.

[3D view](#)

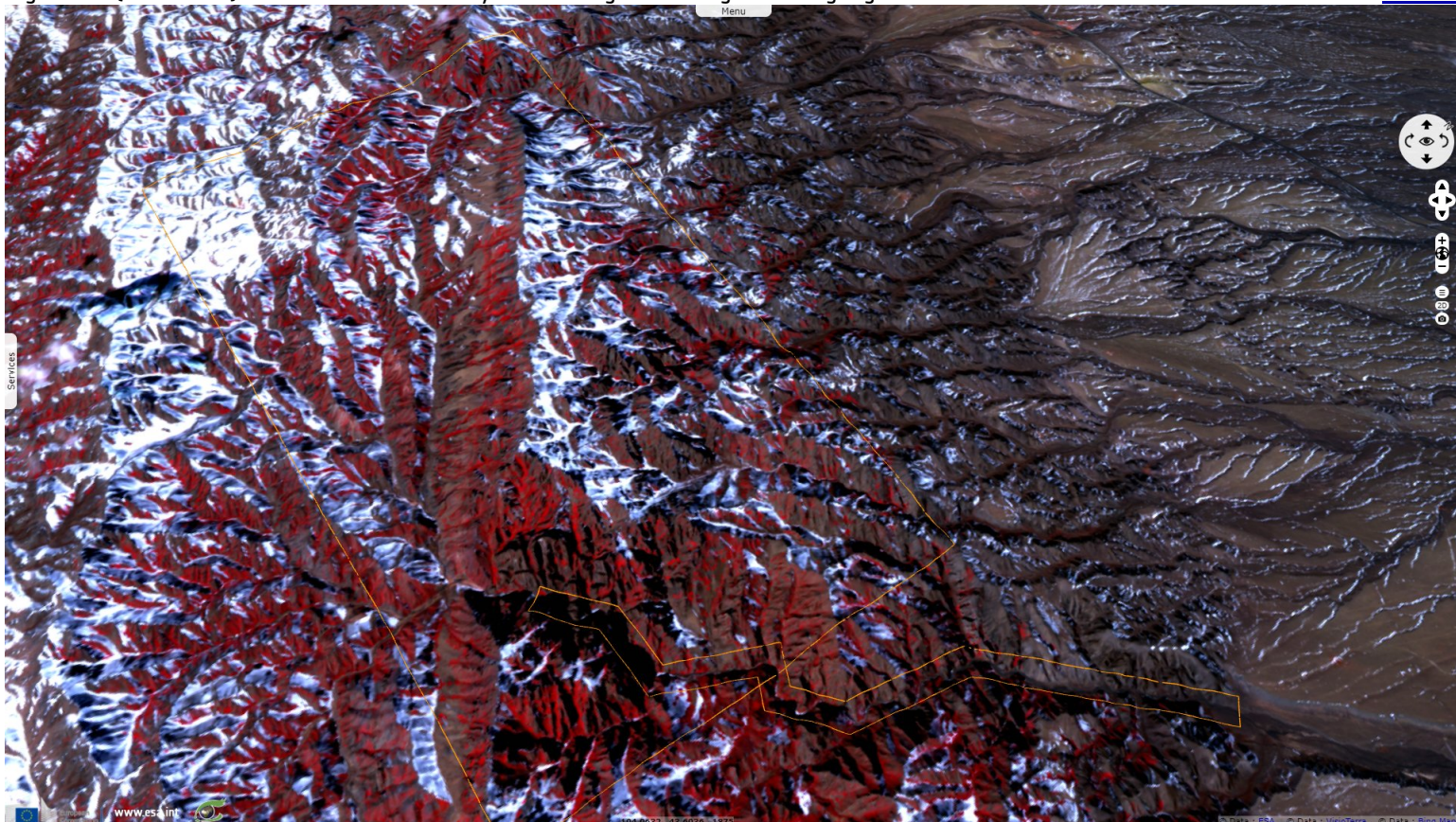




Fig. 3 - S2 (23.11.2020) - During the winter the small stream in the canyon builds up a layer of ice several meters thick.

[3D view](#)

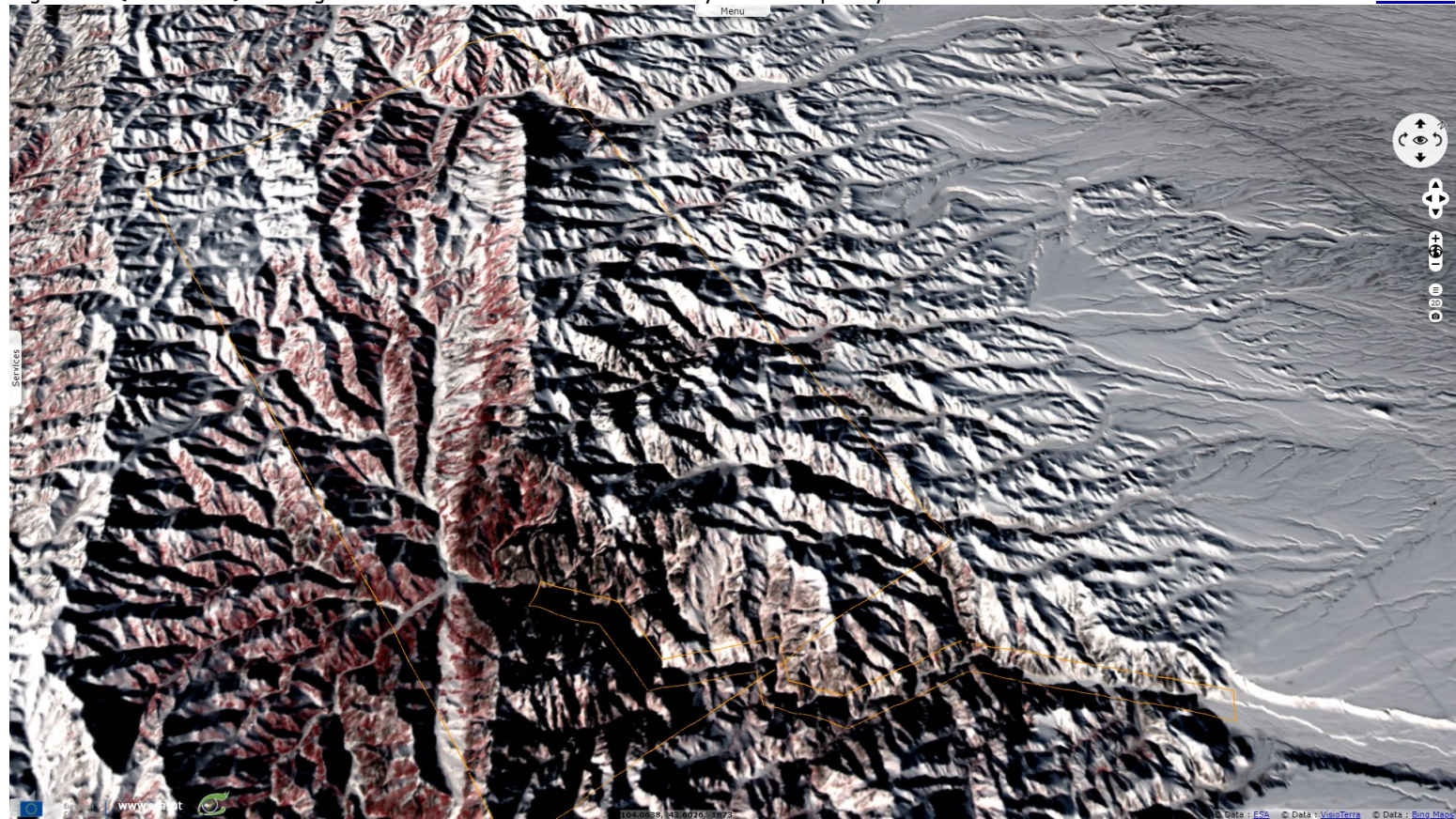


Fig. 4 - S2 (29.11.2018) - The walls of the canyon rise so steeply that they block sunlight from the stream below.

[3D view](#)

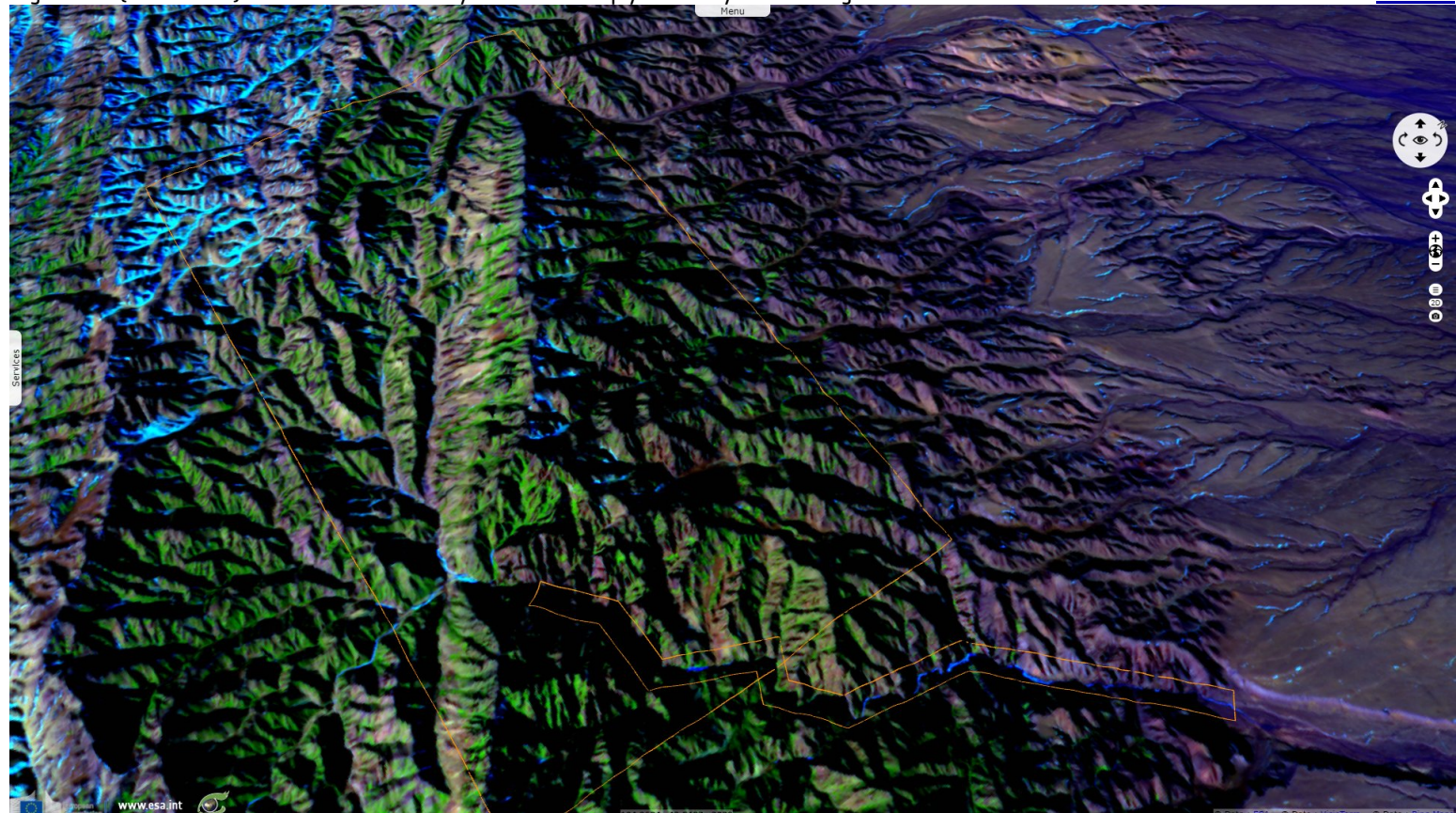




Fig. 5 - S2 (14.03.2019) - Yolyn Am is one of the most beautiful places in the Gobi Gurvansaikhan National Park.

[3D view](#)

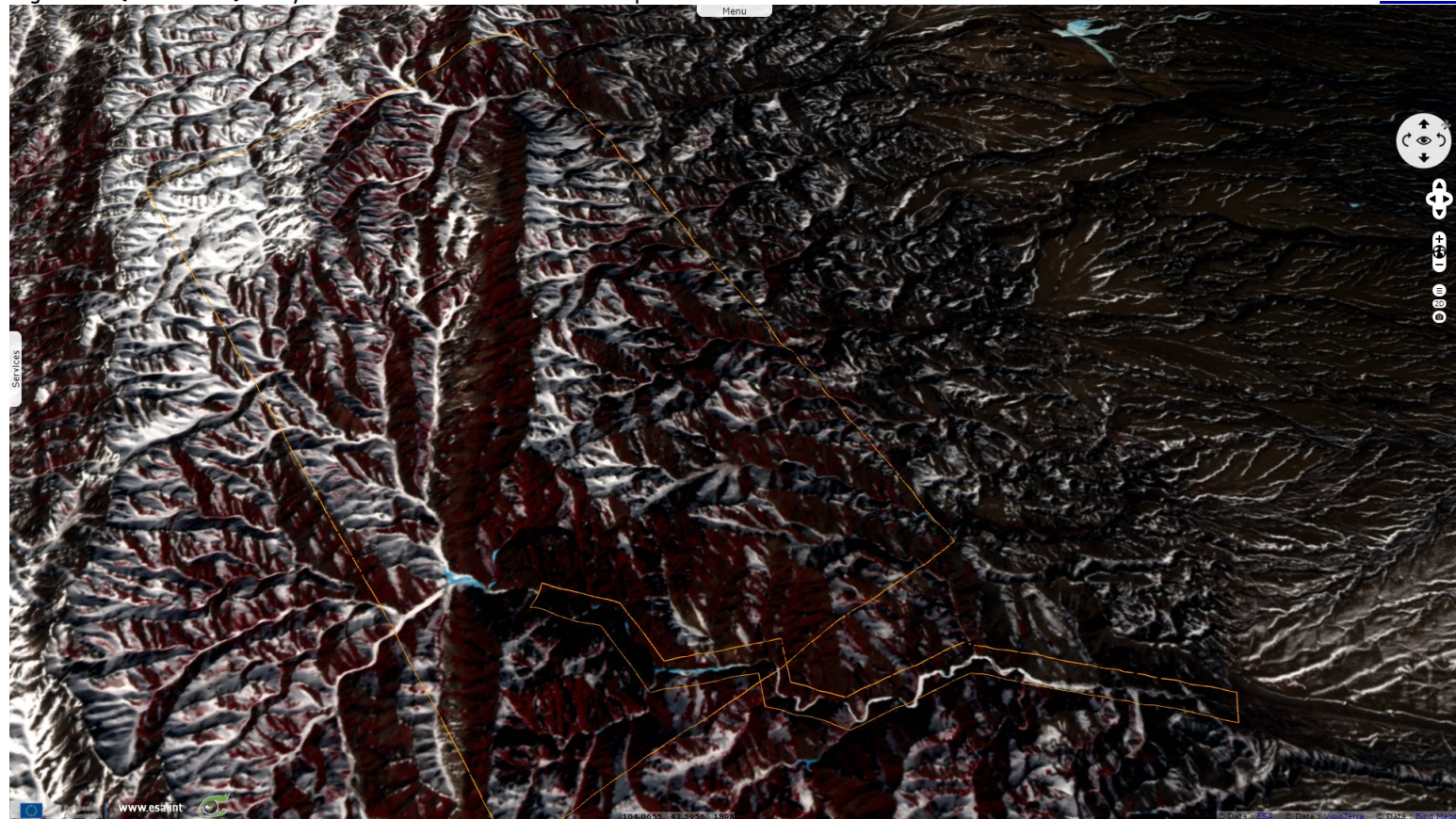
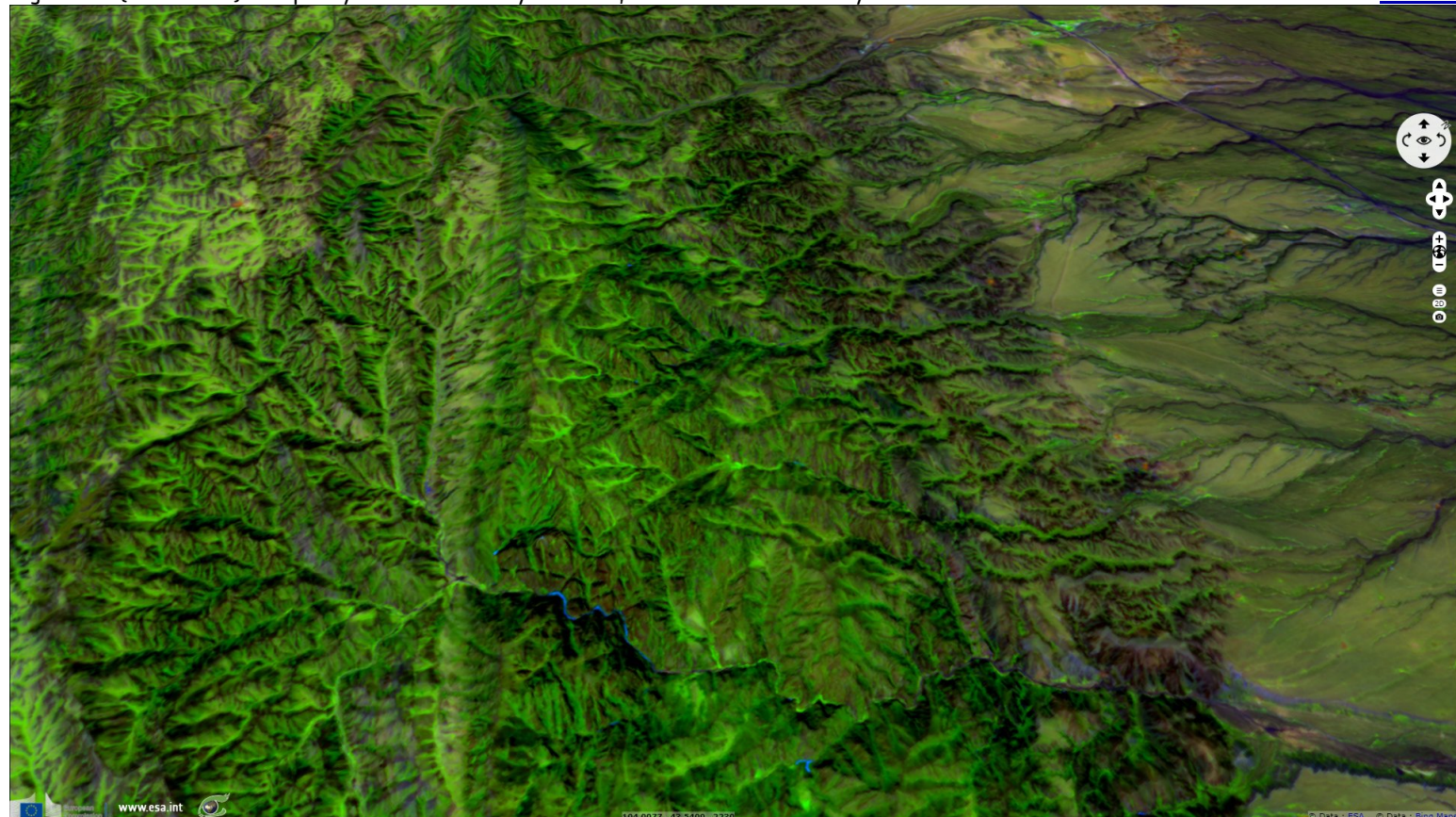














Fig. 6 - S2 (07.06.2019) - In past years it remained year round, now it melts in late July.

[3D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.  
Contains modified Copernicus Sentinel data 2021, processed by VisioTerra.*

More on European Commission space:						
More on ESA:				<a href="#">S-1 website</a>	<a href="#">S-2 website</a>	<a href="#">S-3 website</a>
More on Copernicus program:				<a href="#">SciHub portal</a>	<a href="#">Cophub portal</a>	<a href="#">Inthub portal</a>
More on VisioTerra:				<a href="#">Sentinel Vision Portal</a>	<a href="#">Envisat+ERS portal</a>	<a href="#">Swarm+GOCE portal</a>
					<a href="#">CryoSat portal</a>	