

Lake Baikal shortly avoids a toxic mudflow entry

Sentinel-2 MSI acquired on 05 July 2019 at 04:05:51 UTC
Sentinel-2 MSI acquired on 30 July 2019 at 04:05:49 UTC
Sentinel-3 OLCI FR acquired on 31 July 2019 from 03:14:53 to 03:17:53 UTC
Sentinel-3 OLCI FR acquired on 06 August 2019 from 03:20:13 to 03:23:13 UTC
Sentinel-2 MSI acquired on 07 August 2019 at 04:15:51 UTC

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[3D Layerstack](#)

Fig. 1 - S3 OLCI (06.08.2019) - 7,6,4 composite - A UNESCO World Heritage site, Baikal lake contains 22% of the world's fresh surface water. [2D view](#)



Fig. 2 - 31.07.2019 - 10,6,3 natural colour - Baikal was simultaneously affected by local rivers flooding & the noxious smoke of Siberian fires. [2D view](#)

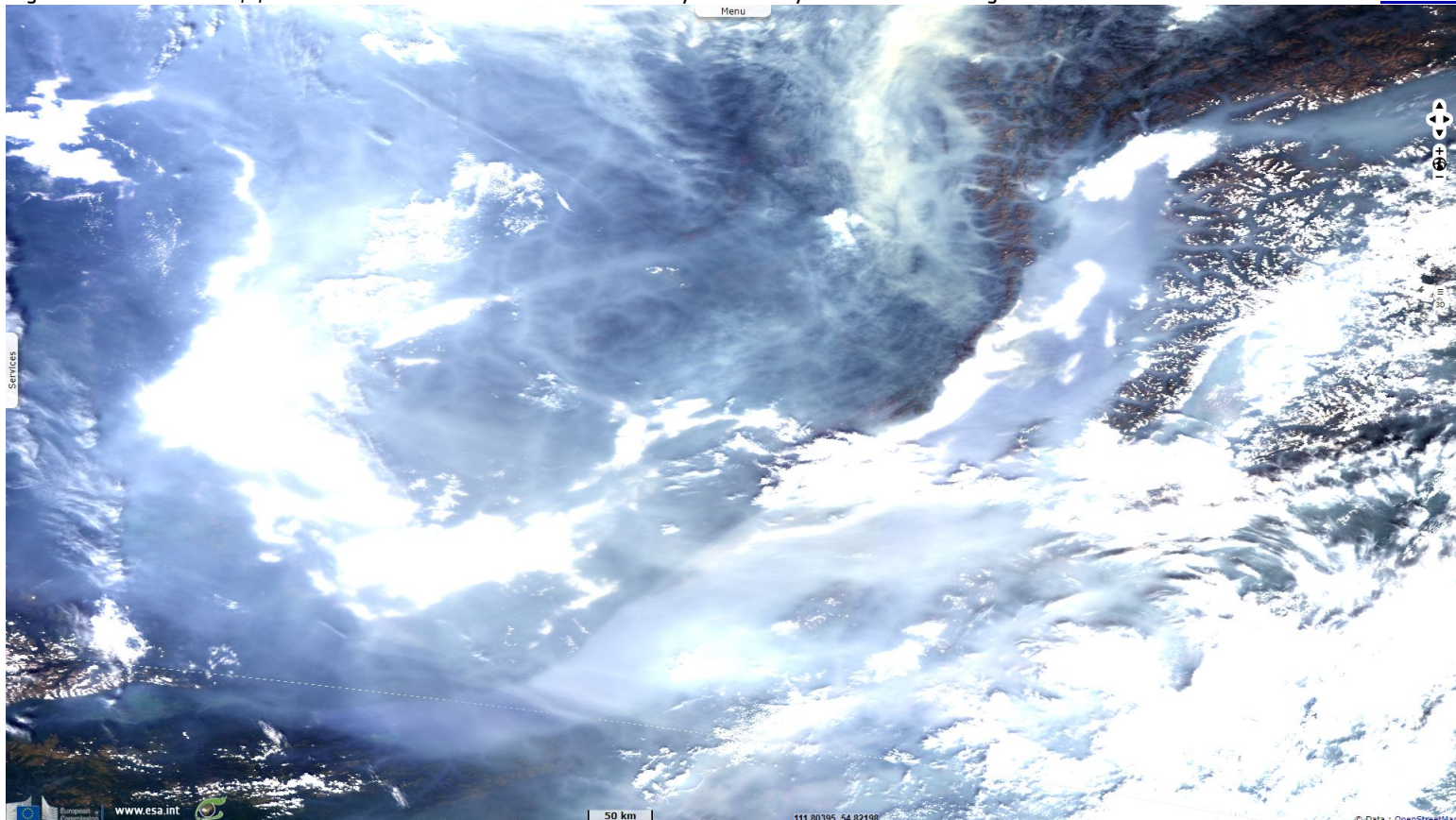


Fig. 3 - S2 (05.07.2019) - 4,3,2 natural colour - Large white algal rafts south of Baikal Lake.

[3D view](#)



Since 1961, Baikalsk Pulp and Paper Mill used to be main pollution source of Baikal's previously ultra-pure waters until its closure in 2013. Its pools of toxic waste remain unprocessed since.

Fig. 4 - 30.07.2019 - The flooding of Solzana and nearby rivers has enlarged their bed.

[3D view](#)















Fig. 5 - 07.08.2019 - A bridge leading to the mill was destroyed, but its large pools of toxic waste didn't drain into Baikal Lake [3D animation](#) [3D view](#)



Baikalsk is at left, its Pulp and Paper Mill at center and the toxic pools at east of the town at right.

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