Sentinel Vision SED-670 03 June 2020

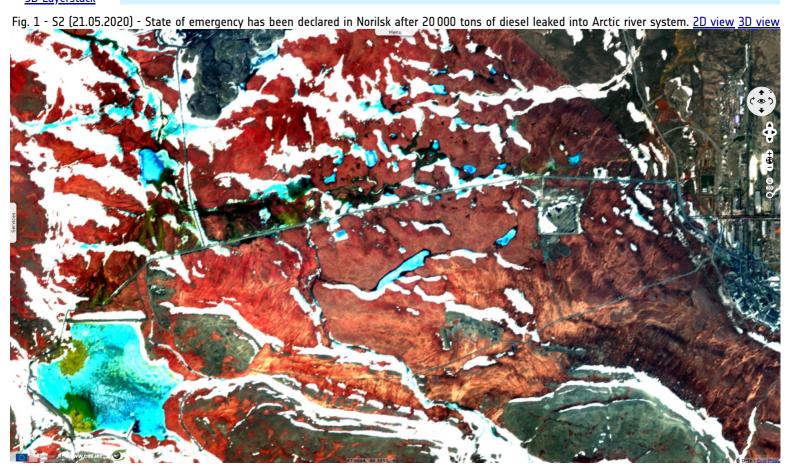


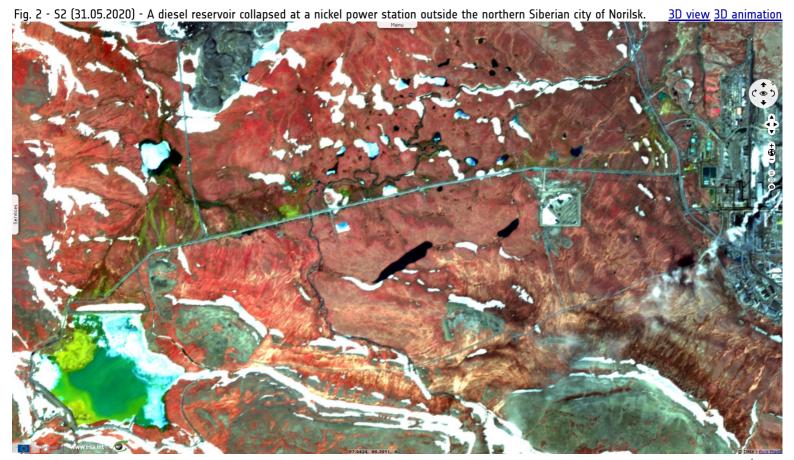
20000 tons fuel leak near Norilsk mines in arctic Russia

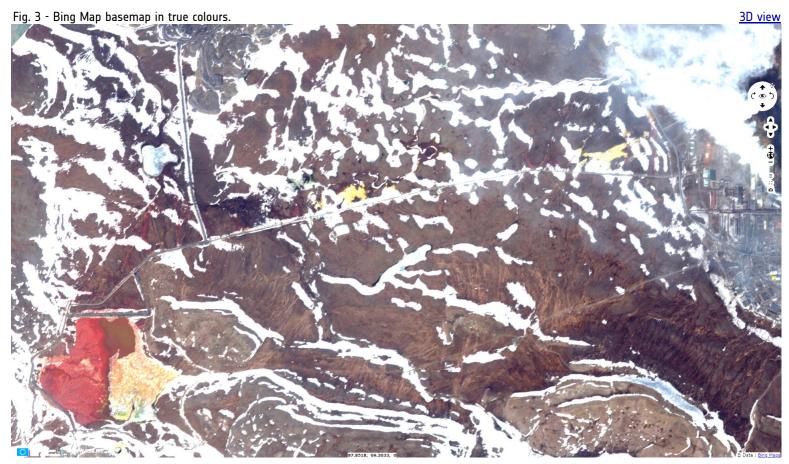
Sentinel-2 MSI acquired on 14 May 2020 at 06:16:29 UTC Sentinel-2 MSI acquired on 18 May 2020 at 05:56:39 UTC Sentinel-2 MSI acquired on 21 May 2020 at 06:06:29 UTC Sentinel-2 MSI acquired on 31 May 2020 at 06:06:39 UTC

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For 18 years, possibly longer, areas downstream of the fuel tank (leading to the Kayerkan district of Norilsk at north-east and to its coal mine at north-west) show in red, contrasting with the surrounding landscape.



Norilsk was founded at the end of the 1920s, it is the world's northernmost city with more than 100000 inhabitants. With temporary inhabitants included, its population reaches 220000. The nickel deposits of Norilsk-Talnakh are the largest-known nickel-copper-palladium deposits in the world. The smelting of the nickel ore is directly responsible for severe pollution, which generally comes in the form of acid rain and smog. By some estimates, one percent of global sulfur dioxide emission comes from Norilsk's nickel mines.





15 000 tons of fuel have been released into Ambarnaya river and 6 000 tons into the soil. It will take decades for the river to recover - Source:

Siberian Times.

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Contains modified Copernicus Sentinel data 2019, processed by VisioTerra.





