

Dixie fire, 3000 km² monster devours northern Californian forest

Sentinel-2 MSI acquired on 13 July 2021 at 18:49:19 UTC
Sentinel-3 SLSTR RBT acquired on 14 July 2021 at 18:18:44 UTC
Sentinel-2 MSI acquired on 22 August 2021 at 18:49:19 UTC

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Fig. 1 - S2 (13.07.2021) - Nearly 5500 firefighters are still working the Dixie Fire as it enters its 45th day burning through Northern California. [2D view](#)

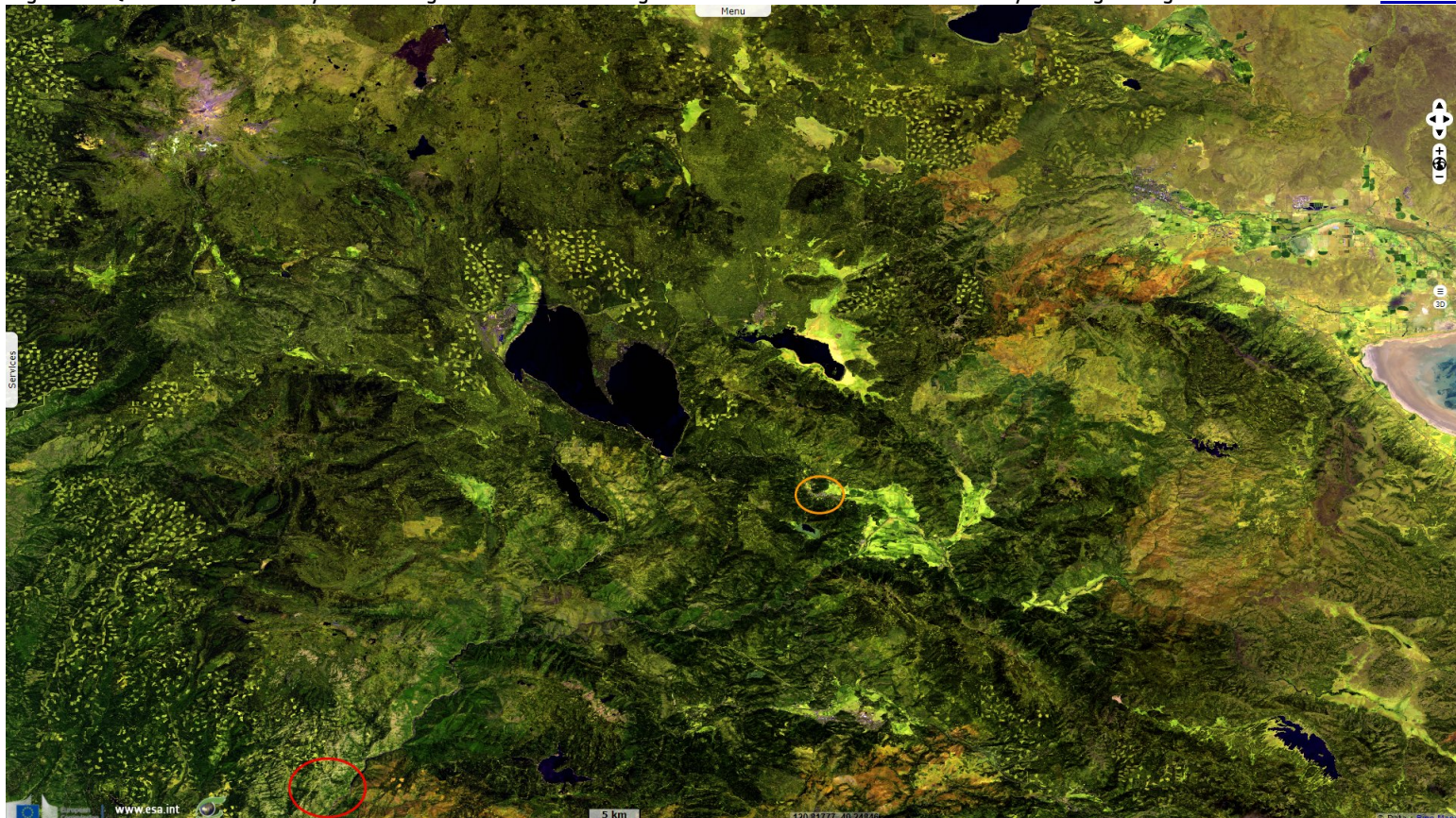


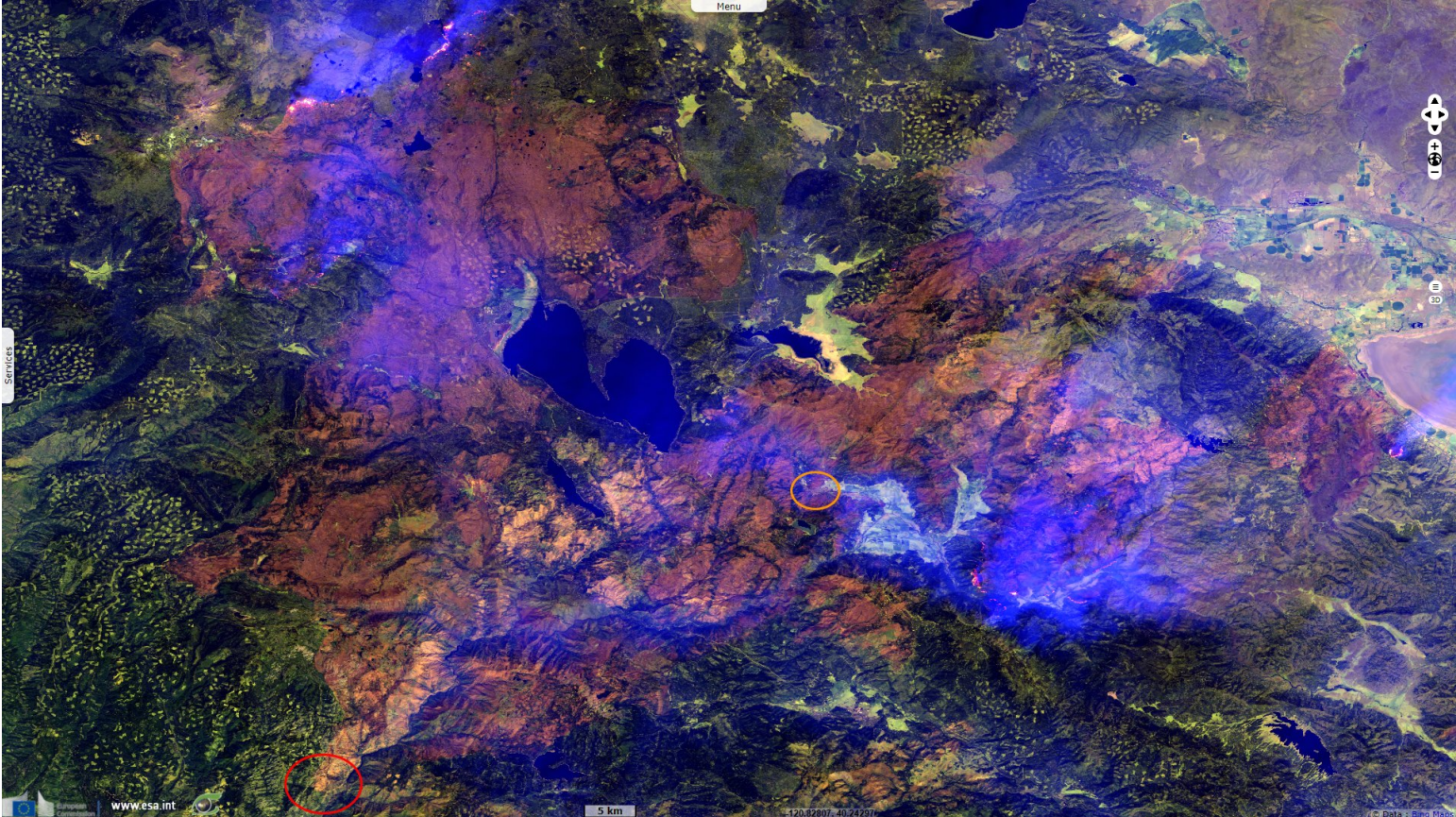
Fig. 2 - S3 SLSTR (14.07.2021) - The origin of Dixie fire is visible at south-west. [2D view](#)



The Pacific Gas and Electric Company (PG&E) has stated that it believes the fire may have been started by its equipment. Its responsibility was already pointed for multiple wildfires in the years 2015–2018.

Fig. 3 - S2 (22.08.2021) - Smoke from the Dixie Fire caused unhealthy air quality throughout the Western United States.

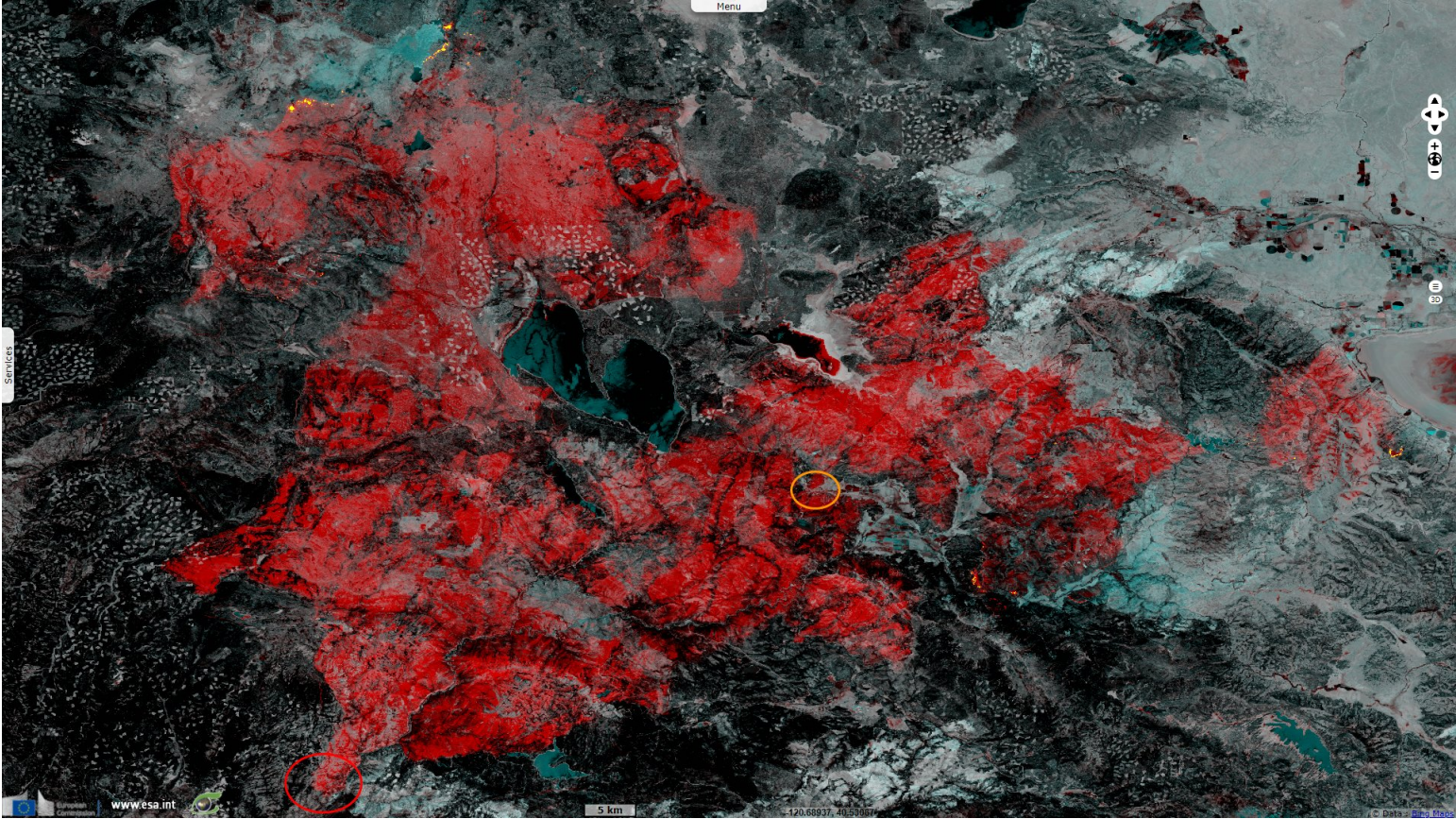
[2D view](#)



On August 6 in Salt Lake City the PM2.5 level was the worst air quality in the world.

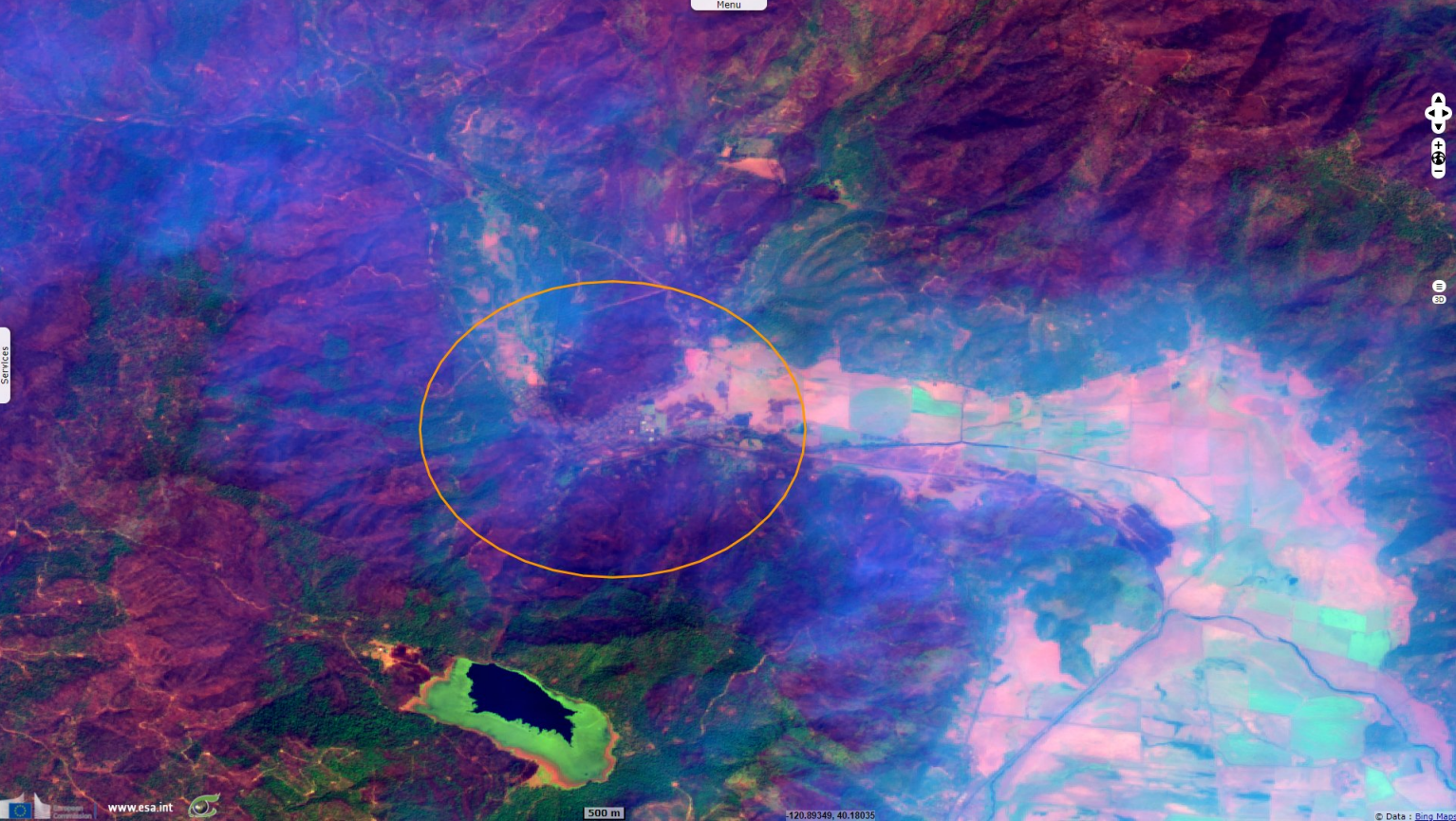
Fig. 4 - S2 (13.07.2021 & 22.08.2021) - The extent of the fire exceeded 3000 km² by the end of August.

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















By August 6 it had grown to become the largest single (i.e. non-complex) wildfire in the state's history, and the 2nd largest overall (after the August Complex fire of 2020).

Fig. 5 - S2 (22.08.2021) - The fire has damaged or destroyed several small towns, including Greenville (1000 inhabitants) on August 4. [2D animation](#)



At least 26000 people have been evacuated. No casualty has been reported but 8 people are missing and 3 firefighters have been injured. Over 1200 buildings have burnt.

*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
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