

South-east Australian cities drown in hazardous smoke

Sentinel-3 OLCI FR acquired on 13 January 2020 from 23:10:25 to 23:49:58 UTC

Sentinel-3 SLSTR RBT acquired on 14 January 2020 at 23:23:47 UTC

Sentinel-3 OLCI FR acquired on 14 January 2020 at 23:23:47 UTC

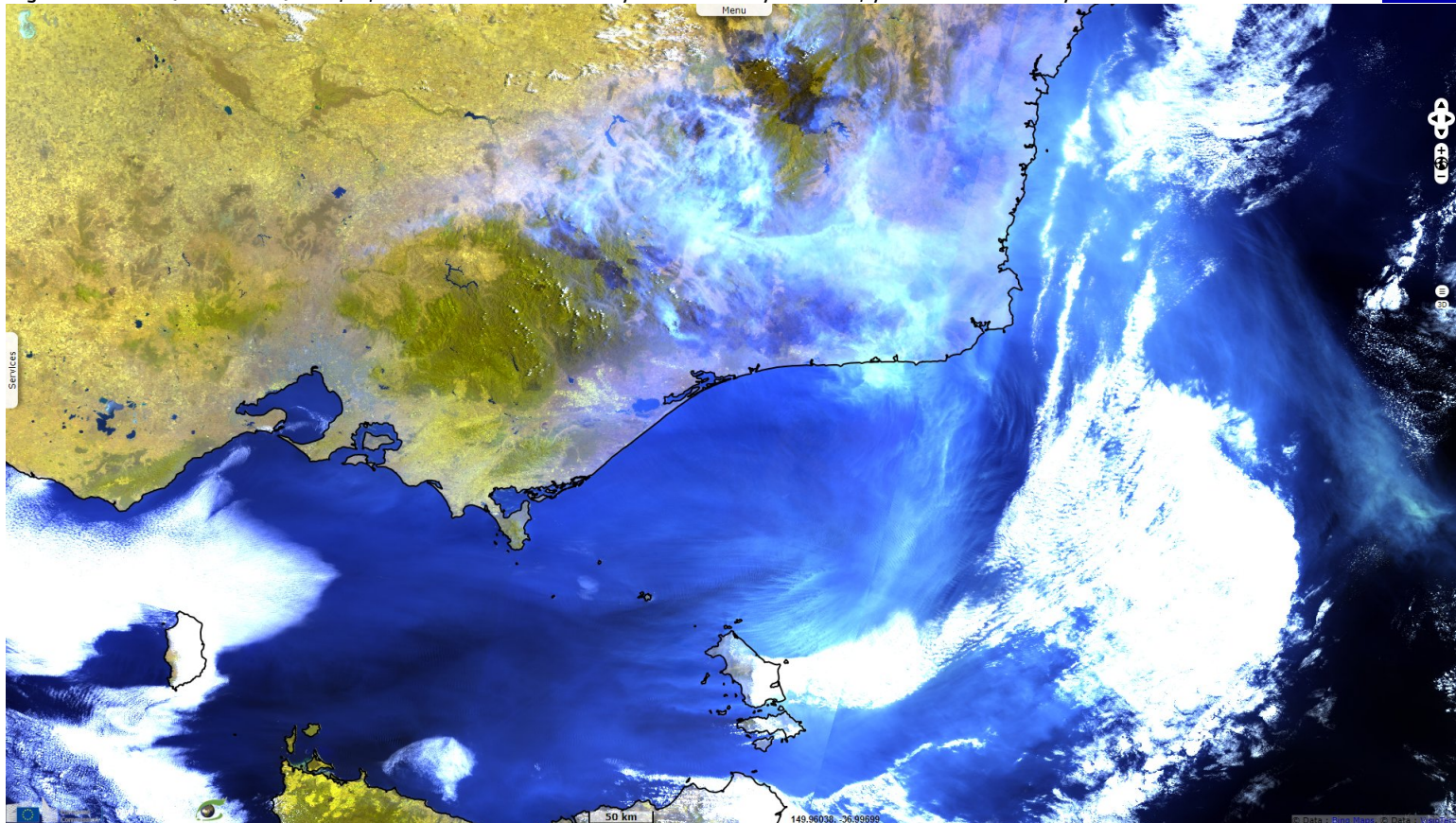
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Keyword(s): Atmosphere, pollution, wildfire, bush fire, air quality, natural disaster, drought, climate change, global warming

[2D Layerstack](#)

Fig. 1 - S3 OLCI (13.01.2020) - 21,16,3 - Their life is not directly threatened by the fires, yet S-E Australia city dwellers are not safe.

[2D view](#)



A respiratory diseases expert has estimated the effect of inhaling Sydney's current fire haze is the equivalent of smoking 30-40 cigarettes.

Fig. 2 - S3 OLCI (13.01.2020) - 10,6,3 natural colour - In natural colour, the clouds are opaque.

[2D view](#)

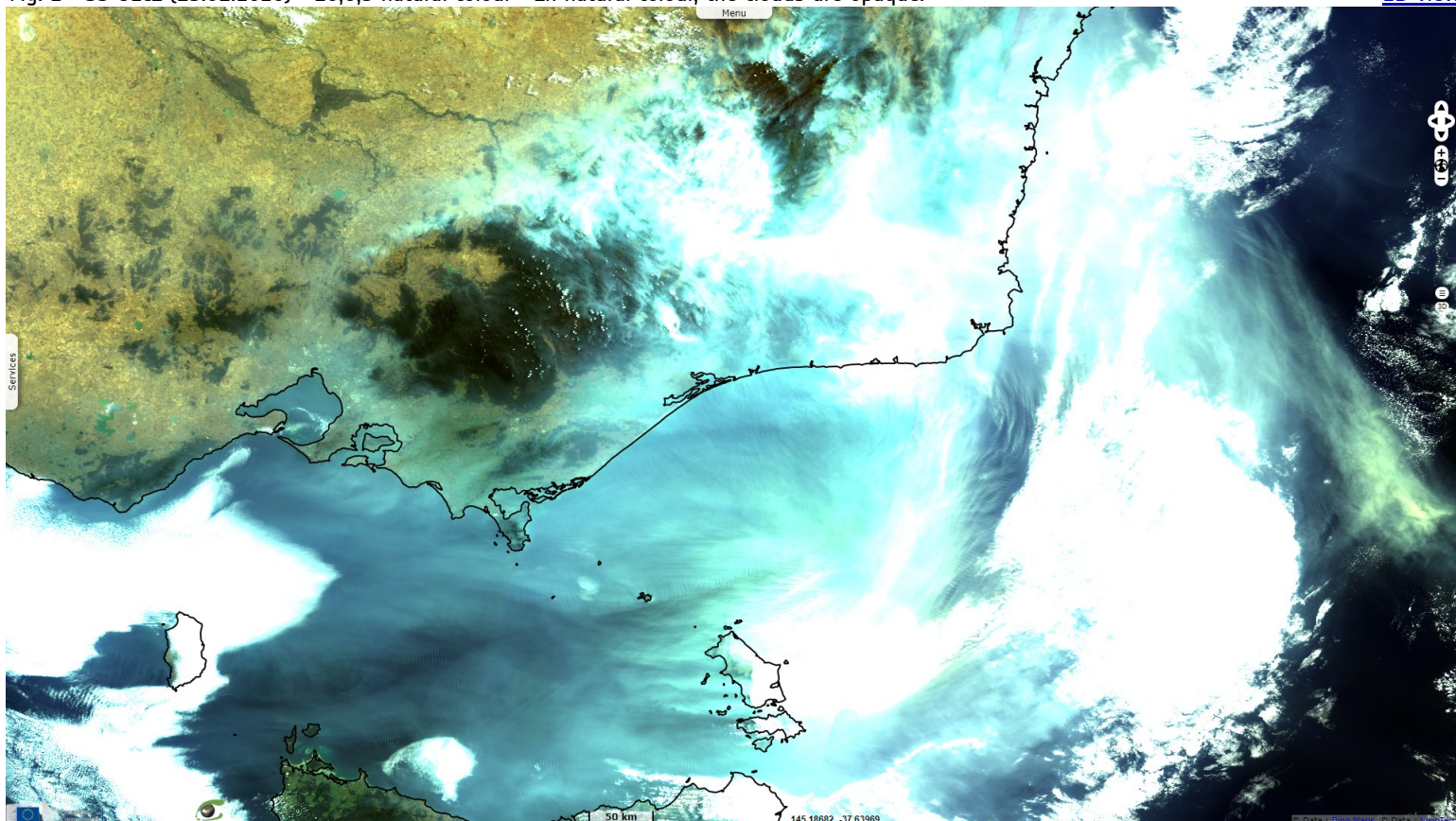


Fig. 3 - S3 SLSTR (14.01.2020) - S6,S5,S2 colour composite - These cities are recorded their worst air quality ever.

[2D view](#)

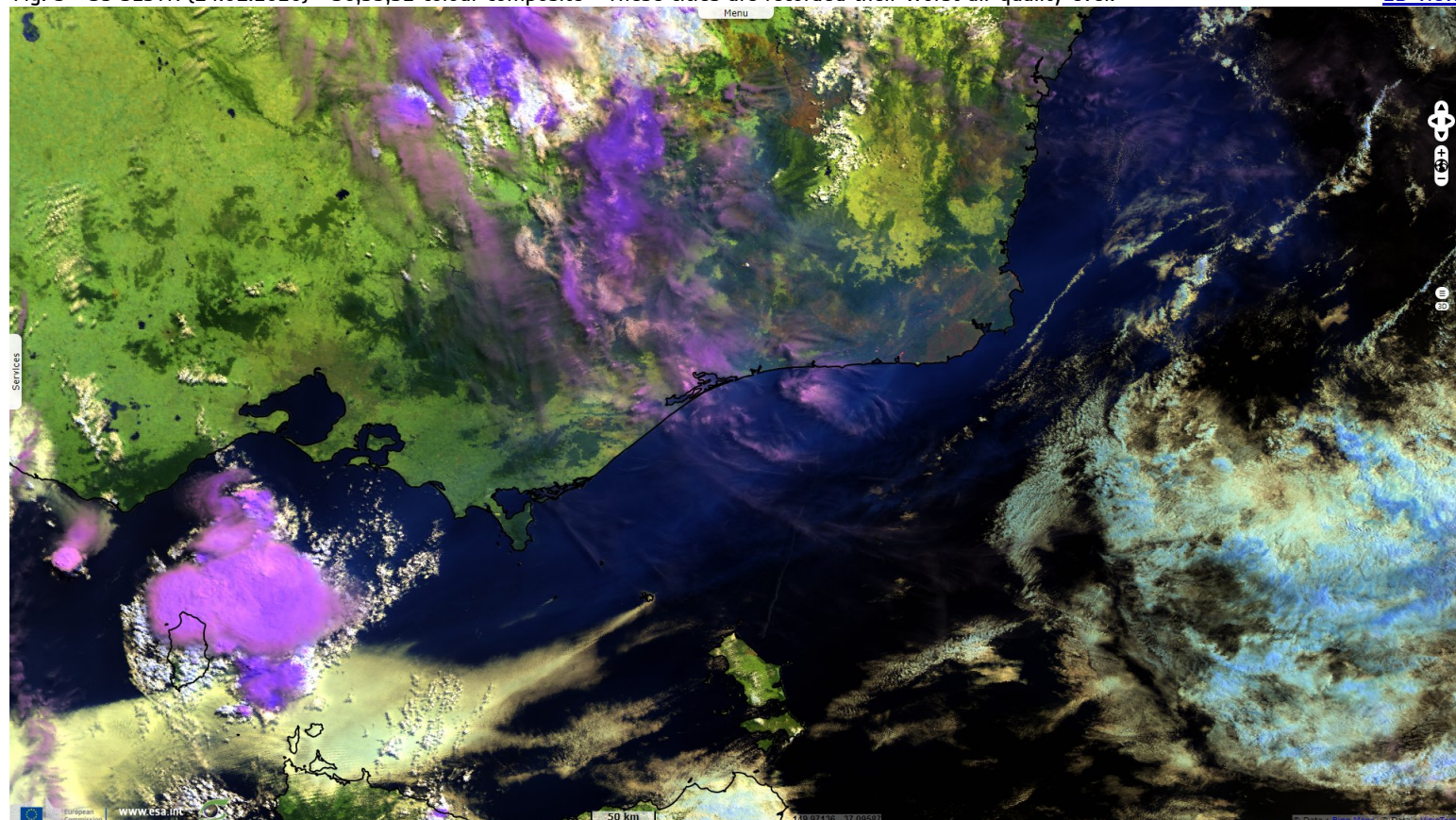
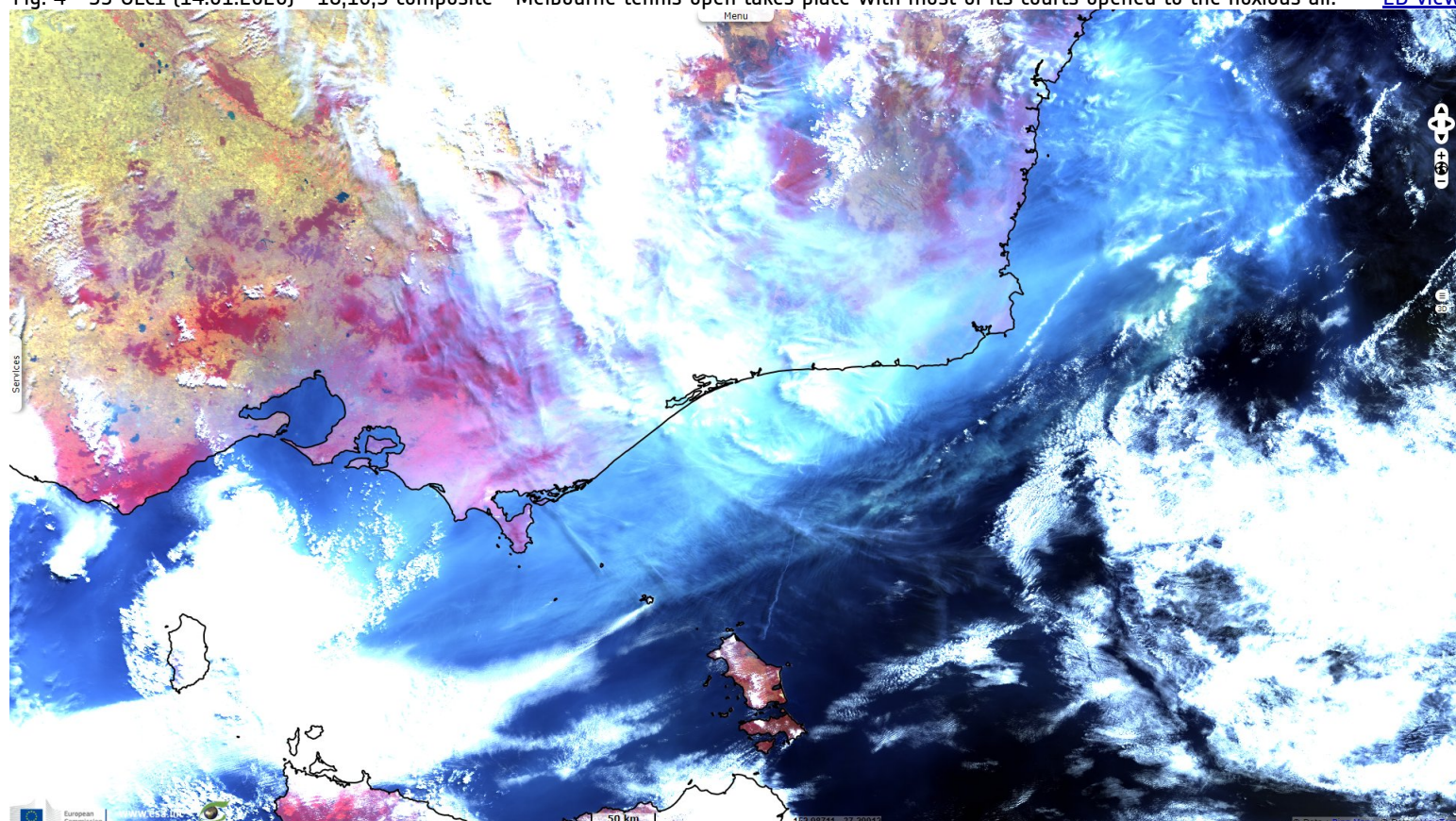


Fig. 4 - S3 OLCI (14.01.2020) - 18,10,3 composite - Melbourne tennis open takes place with most of its courts opened to the noxious air.

[2D 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.
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