

Large wildfires in Victoria state, Australia

Sentinel-3 SLSTR RBT acquired on 01 March 2019 at 23:55:21 UTC
Sentinel-3 OLCI FR acquired on 02 March 2019 at 23:29:10 UTC
Sentinel-5P TROPOMI NO2 acquired on 03 March 2019 at 03:19:12 UTC
Sentinel-5P TROPOMI AER_AI acquired on 03 March 2019 at 03:19:12 UTC
Sentinel-2 MSI acquired on 04 March 2019 at 00:11:09 UTC

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

Keyword(s): Emergency, natural disaster, wildfire, weather, climate change, Australia

[2D Layerstack](#)

Fig. 1 - S3 SLSTR (01.03.2019 23:55) - S6,S5,S2 colour composite - Multiple large wildfires happened near Melbourne in early March.

[2D view](#)

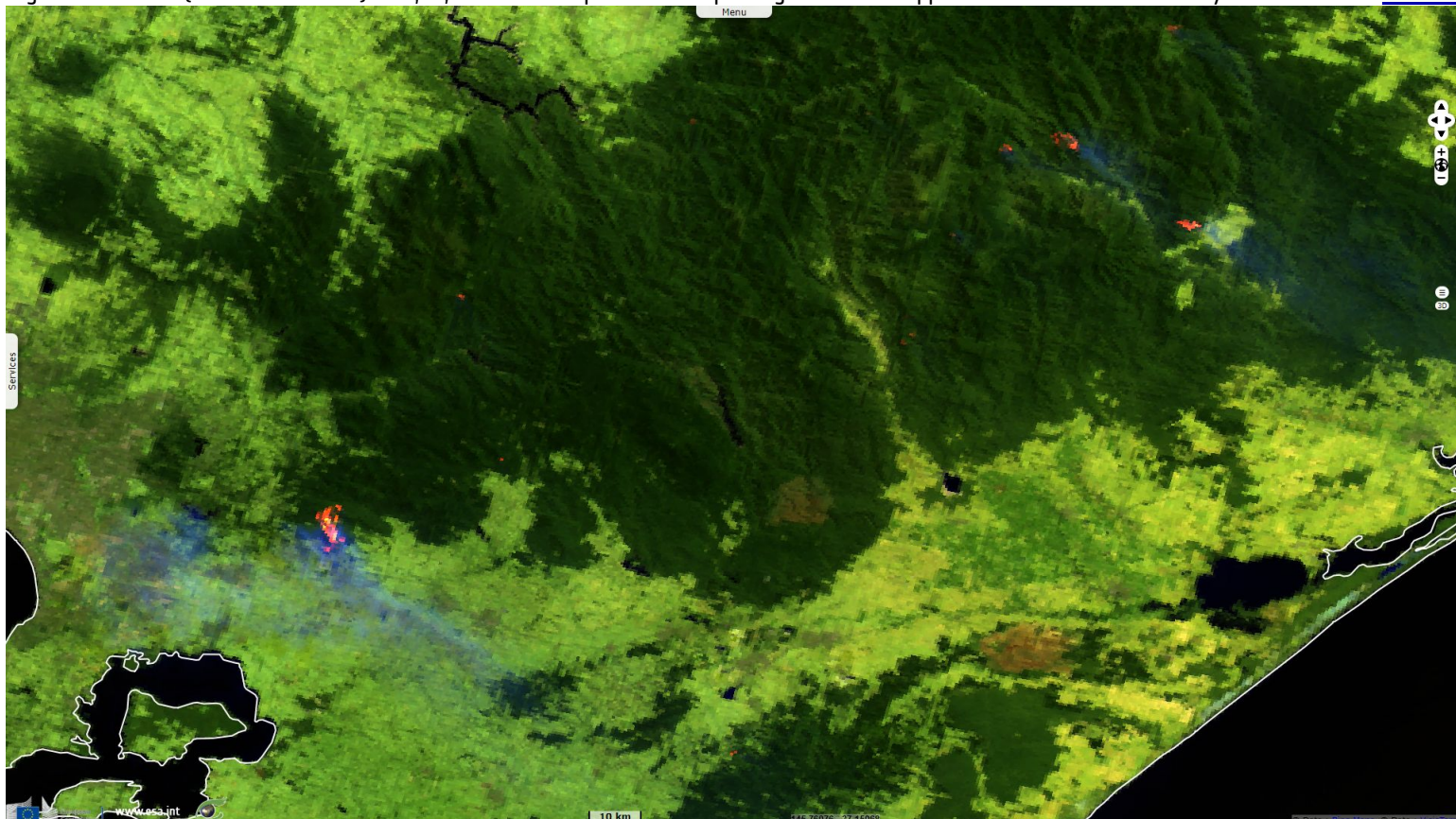


Fig. 2 - S3 OLCI (02.03.2019 23:29) - 20,16,3 colour composite - It follows an austral summer marked by record heat.

[2D view](#)

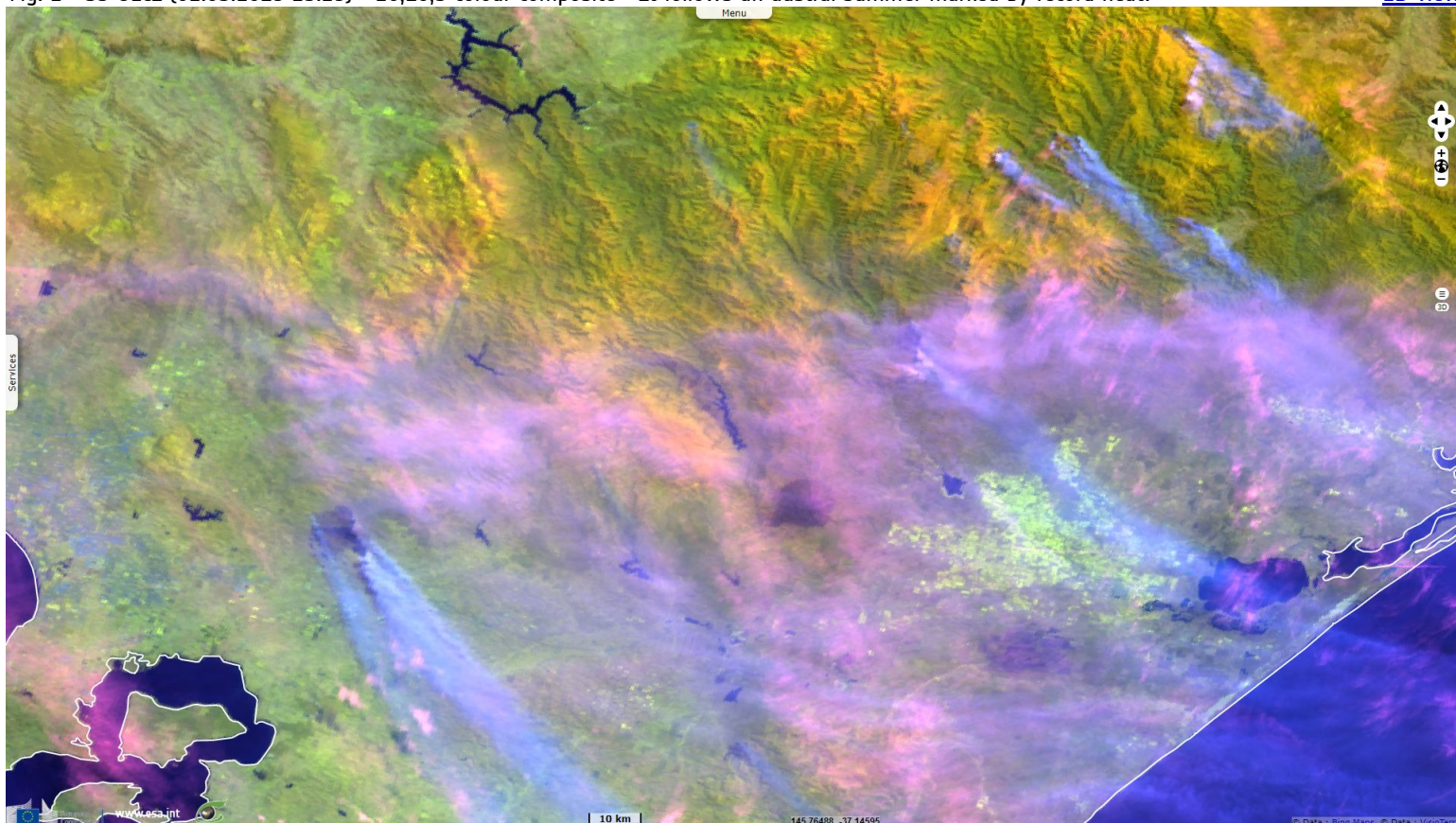


Fig. 3 - S5P TROPOMI (03.03.2019 03:19) - NO₂ total column - Wildfires only stopped after a week of burning hunger.

[2D view](#)

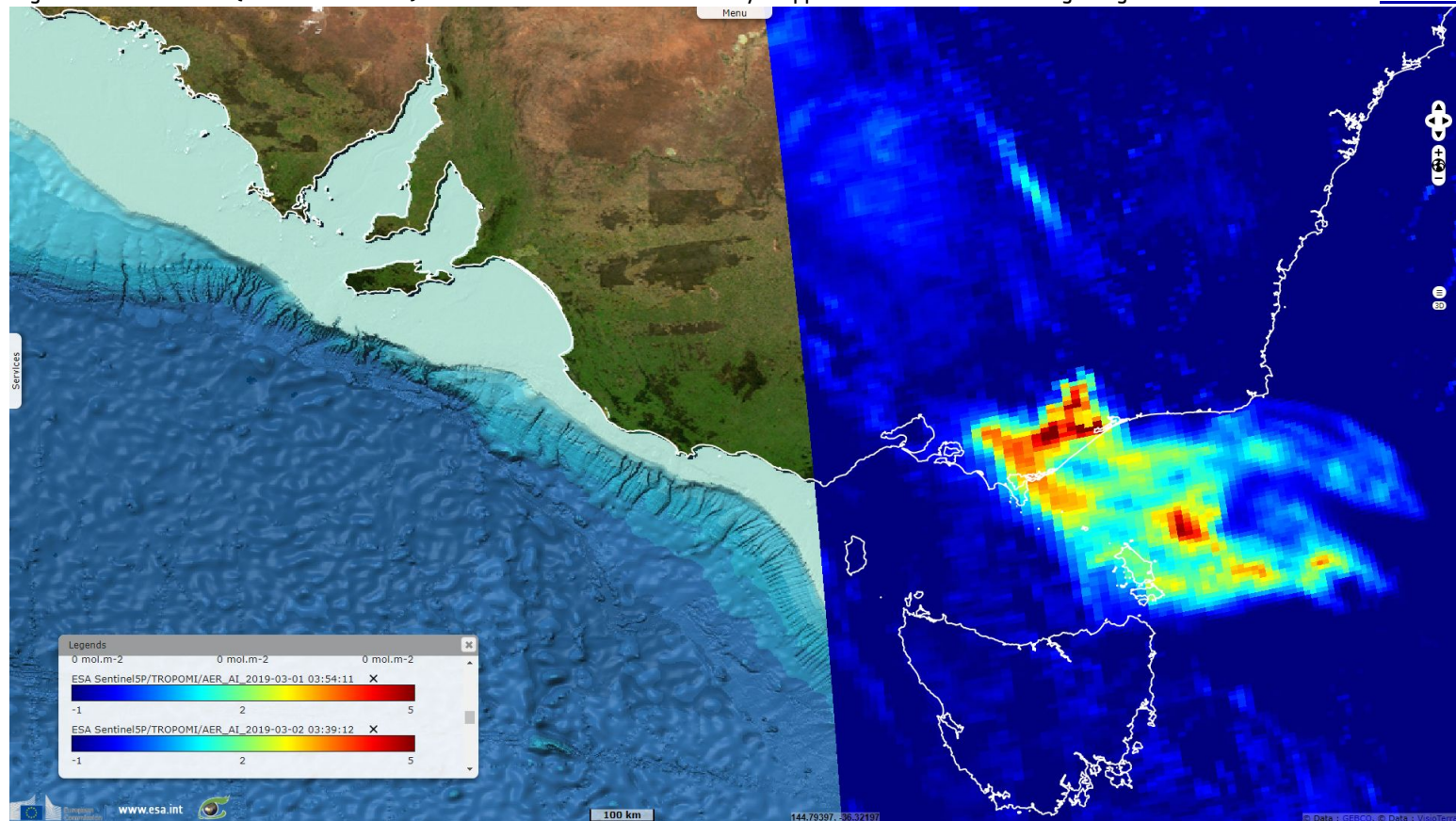


Fig. 4 - S5P TROPOMI (03.03.2019 03:19) - Aerosol index - Resulting smoke and gas spread well over a thousand kilometers.

[2D view](#)

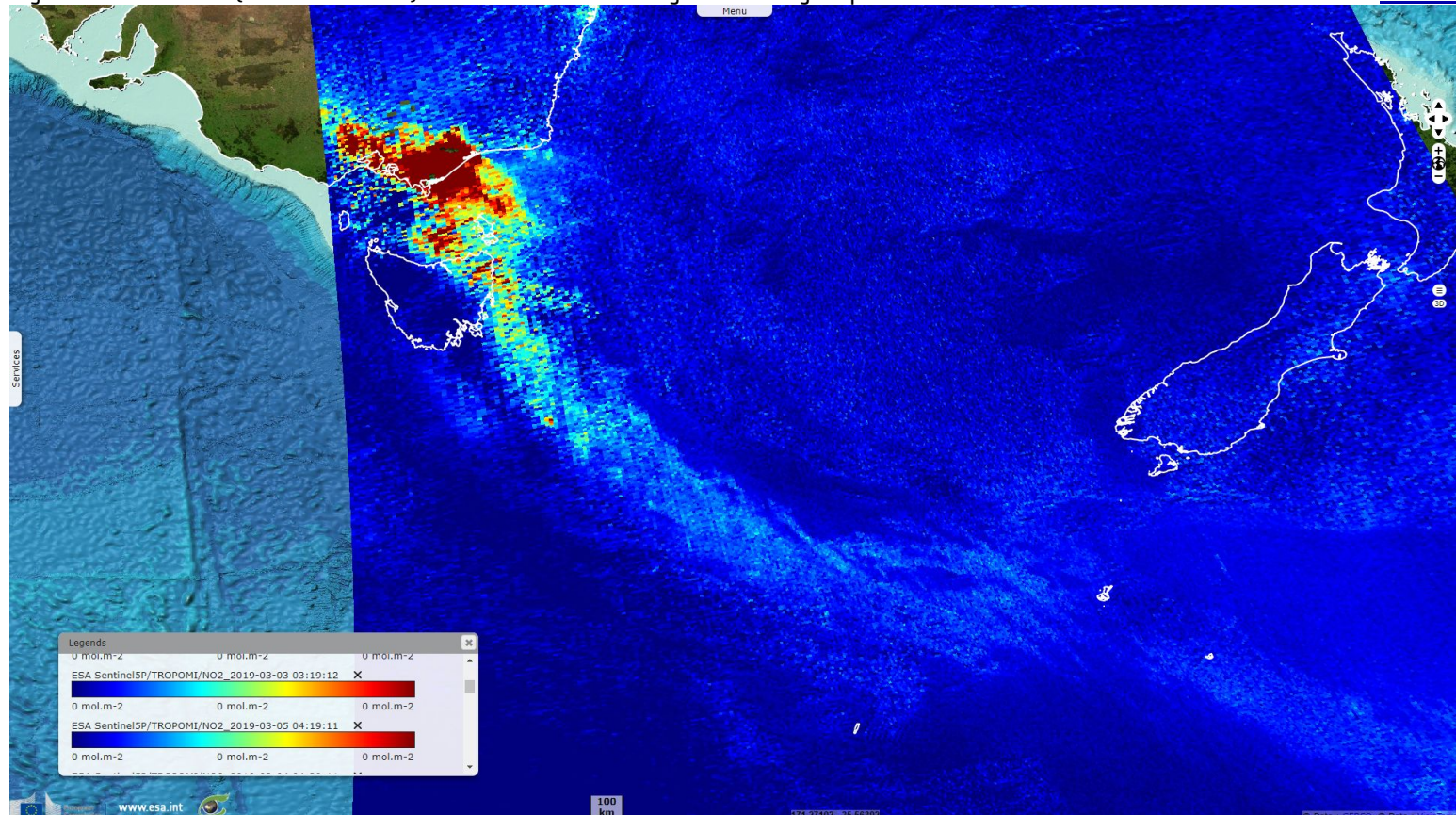
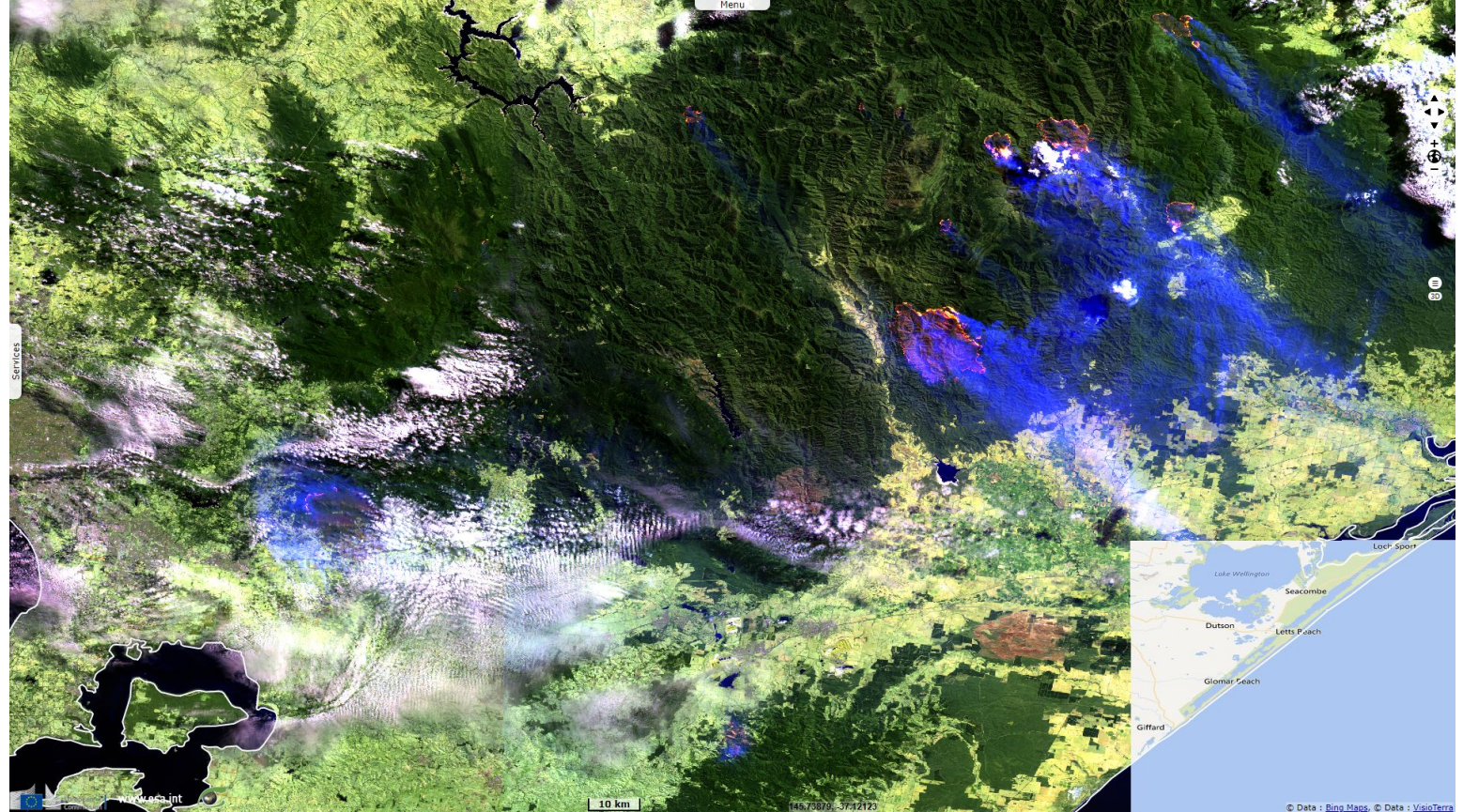


Fig. 5 - S2 (04.03.2019 ~00:11) - 12,11,4 colour composite - Hundreds of square kilometers of forest burnt in the process. [2D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
Contains modified Copernicus Sentinel data 2019, processed by VisioTerra.*

More on European Commission space:							
More on ESA:				S-1 website	S-2 website	S-3 website	
More on Copernicus program:				SciHub portal	Cophub portal	Inthub portal	Colhub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal	CryoSat portal