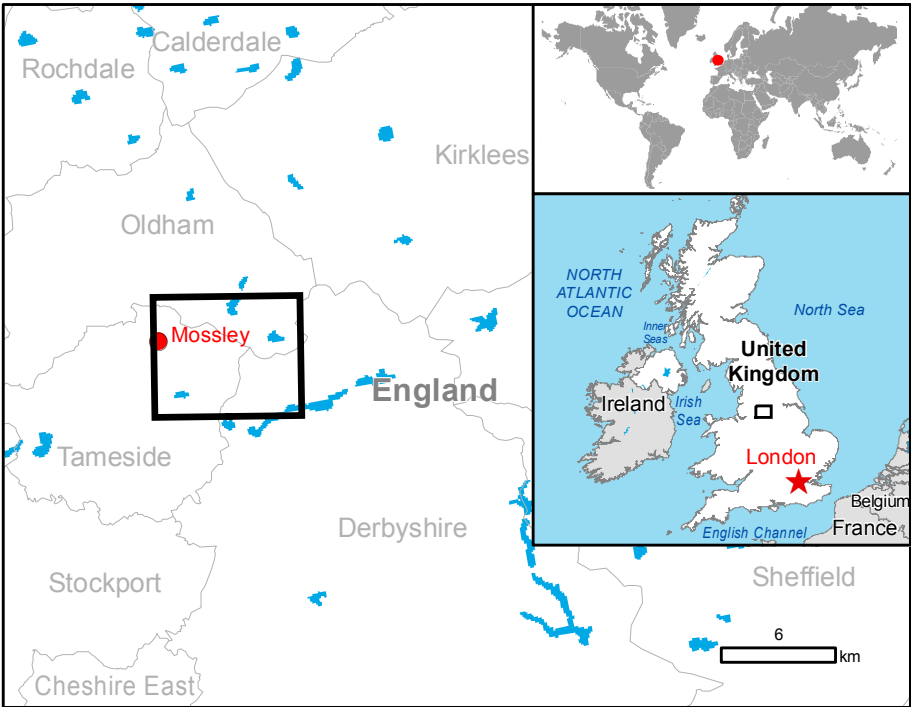


GLIDE number: N/A      Activation ID: EMSR291  
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## Mossley - UNITED KINGDOM

### Wildfire - Situation as of 30/06/2018

#### Delineation Map - MONIT03



#### Cartographic Information

1:12000      Full color ISO A1, medium resolution (200 dpi)

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 30N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

**Legend**

- Burnt Area Delineation**
  - Burnt Area (30/06/2018 10:42 UTC)
  - Previous Burnt Area (29/06/2018 10:50 UTC)
- General Information**
  - Area of Interest
- Placenames**
  - Placename
- Administrative boundaries**
  - Province
  - Municipality
- Built-Up Area**
  - Residential
  - Industrial
- Hydrography**
  - River
  - Stream
  - Lake
  - Reservoir
- Point of Interest**
  - Building used as place of worship and for religious activities
  - Industrial building
  - School, university and research building
- Physiography**
  - Elevation Contour (m)
- Facilities**
  - Dam
  - Construction for mining or extraction
- Transportation**
  - Primary Road
  - Secondary Road
  - Local Road
  - Cart Track
  - Long-distance railway
- Land use - Land Cover**
  - Features available in vector data

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Burnt area	ha	1005.0	
Active Flames	No.	0	
Estimated population	Number of inhabitants	0	13688
Settlements	Residential	0.0	150.9
	Industrial	0.0	28.7
	Primary Road	0.0	18.9
	Secondary Road	0.0	12.7
	Local Road	0.2	113.4
Transportation	Cart Track	0.3	53.4
	Long-distance railway	0.0	5.6
Facilities	Dam	0.0	2.0
	Construction for mining or extraction	10.5	25.3
Land use	Arable land	0.0	23.0
	Pastures	7.4	682.0
	Forests	0.0	202.0
	Shrub and/or herbaceous vegetation association	43.6	1310.0
	Inland wetlands	946.2	2193.0

#### Map Information

A wildfire affecting Manchester (UK) - Saddleworth Moor, started on 24 June. As of 27 June, 50 homes have been evacuated and response teams have been deployed to control the fire.

The present map shows the fire delineation in the area of Mossley. The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 10 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	24/06/2018	Situation as of	30/06/2018
Activation	27/06/2018	Map production	30/06/2018

#### Data Sources

Pre-event image: Sentinel-2B (2018) (acquired on 24/06/2018 at 11:21 UTC, GSD 10 m, approx. 0% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT6 © Airbus DS (2018), (acquired on 30/06/2018 at 10:42 UTC, GSD 2 m, approx. 0% cloud coverage in AOI, 16.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
SPOT7 © Airbus DS (2018), (acquired on 29/06/2018 at 10:50 UTC, GSD 2 m, approx. 0% cloud coverage in AOI, 20.7° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.  
GLC2012 © European Environment Agency (EEA) under the framework of the Copernicus programme  
Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015  
[http://data.europa.eu/89h/jrc-ghs-gis\\_pop\\_gpw4\\_globe\\_r2015a](http://data.europa.eu/89h/jrc-ghs-gis_pop_gpw4_globe_r2015a)  
Digital Elevation Model: EU-DEM (25 m)

#### Disclaimer

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Map produced by e-GEOS released by SERTIT (ODO).

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