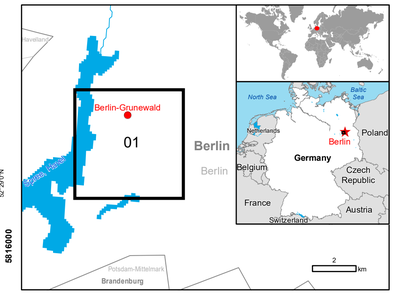
GLIDE number: N/A
Int. Charter Act. ID: N/A

Activation ID: EMSR615
Product N.: 01BERLINGRUNEWALD, v1

Berlin-Grunewald - GERMANY

Wildfire - Situation as of 08/08/2022

Grading - Overview map 01



Cartographic Information

1:10000

Full color A1, 200 dpi resolution

0 0.2 0.4 0.8 km

Grid: WGS 1984 UTM Zone 33N map coordinate system
Tick marks: WGS 84 geographical coordinate system

N

Legend

Built Up Grading
- Damaged
- Possibly damaged

Transportation Grading
- Highway, No visible damage
- Primary Road, No visible damage
- Secondary Road, No visible damage
- Local Road, No visible damage
- Cart Track, No visible damage
- Long-distance railway, No visible damage
- Railway Yard, No visible damage
- Subway, No visible damage

Facilities Grading
- Possibly damaged

Land Use-Cover Grading
- Moderate damage
- Negligible to slight damage

General Information
- Area of Interest
- Not Analysed

Hydrography
- Stream
- Lake
- River

Land Use - Land Cover

Features available in the vector package

Consequences within the AOI						
		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha					45.6
Estimated population					10	6,218
Built-up	No.	0	1	2	3	1,722
Transportation	km	0.0	0.0	0.0	0.0	216.3
Facilities	km	0.0	0.0	0.0	0.0	6.8
	ha	0.0	0.0	2.0	2.0	23.7
		High damage	Moderate damage	Negligible to slight damage	Total affected**	Total in AOI
Land use	ha	0.0	0.7	44.8	45.6	2,500.0

* Presence of damage proxies and proximity with destroyed/damaged asset
** Sum of all damage classes
Full table available in the vector package

Map Information

A Forest Fire was ignited on a storage facility/ blasting area for explosive ordnances in Grunewald Forest (South-western part of Berlin) on early 4th of August. Countless explosions of the stored ordnances caused the fire to spread to 50 ha and impede fighting the fire significantly. Fire extinguishing robots are deployed to enter the endangered area of 1.000 m around the facility. Local fire brigades are supported by several units including THW, police, relief units and German armed forces. Nevertheless the fire is expected to be ongoing for several days.

The present map shows the fire damage grade assessment in the area of Berlin Grunewald (Germany). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq m.

Relevant date records (UTC)

Event	03/08/2022 23:00	Situation as of	08/08/2022 10:30
Activation	05/08/2022 08:39	Map production	08/08/2022

Data sources

Pre-event image: WorldView-2 © Digitalglobe Digital Globe, Inc. (2022), (26/04/2022 at 10:47 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 27° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Post-event image: Pléiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 08/08/2022 at 10:30 UTC, GSD 0.5 m, approx. 15% cloud coverage in AoI, 27.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org. GeoNames 2015, EuroBoundaryMap 2017 © EuroGeographics.
Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by Telespazio Iberica released by e-GEOS (ODO).

For the latest version of this map and related products visit
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