Sisimiut - GREENLAND (DEN.)

Wildfire - Situation as of 18/08/2019

Grading - Overview map 01

01 Qeqqata Kommunia

Greenland (Den.)
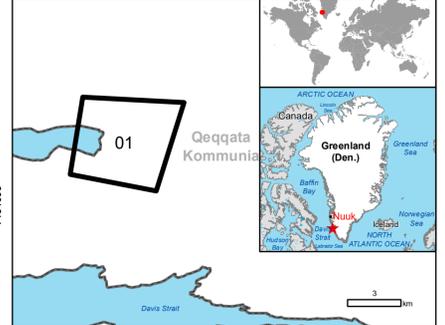
Cartographic Information

1:10000   Full color A1, 200 dpi resolution

0   0,25   0,5   1 km

Grid: WGS 1984 UTM Zone 22N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information   **Administrative boundaries**
Transportation Grading   – – – Region

── Road, No visible damage   **Hydrography**

Land Use-Cover Grading   ── River

⬛ Destroyed   ── Stream

⬛ Damaged   ☐ Lake

⬛ Possibly damaged

General Information   **Physiography**
                                 Features available in the vector package

⬛ Area of Interest

Qeqqata Kommunia

Consequences within the AOI	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Burnt area						634.6
Estimated population	Number of inhabitants	0	0	0	0	0
Transportation	Cart Track	km	0.0	0.0	0.0	13.0
Land use	Open spaces with little or no vegetation	ha	55.4	457.9	121.3	634.6	2247.1

Map Information

A wildfire is spreading in west greenland, local authorities have not been able to stop it and national authorities from Denmark will be dispatched. The risk that the fire will spread to local populated area is high. There is also the possibility that the fire will spread to area with deep ground roots where it cannot be easily extinguished and it might burn for multiple seasons.

The present map shows the fire damage grade assessment in the area of Sisimiut (Greenland). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	12/08/2019 17:00	Situation as of	18/08/2019 15:00
Activation	12/08/2019 20:16	Map production	22/08/2019

Data sources

Pre-event image: SPOT6/7 © Airbus DS (2017), (acquired on 21/08/2017 at 14:53 UTC, GSD 1.5 m, approx. 2% cloud coverage in AoI, 2.6° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image: SPOT6/7 © Airbus DS (2019), (acquired on 18/08/2019 at 15:00 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 7.1° 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, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EU/JRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a.

Disclaimer

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

Map produced by SIRS released by SERTIT (ODO).

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