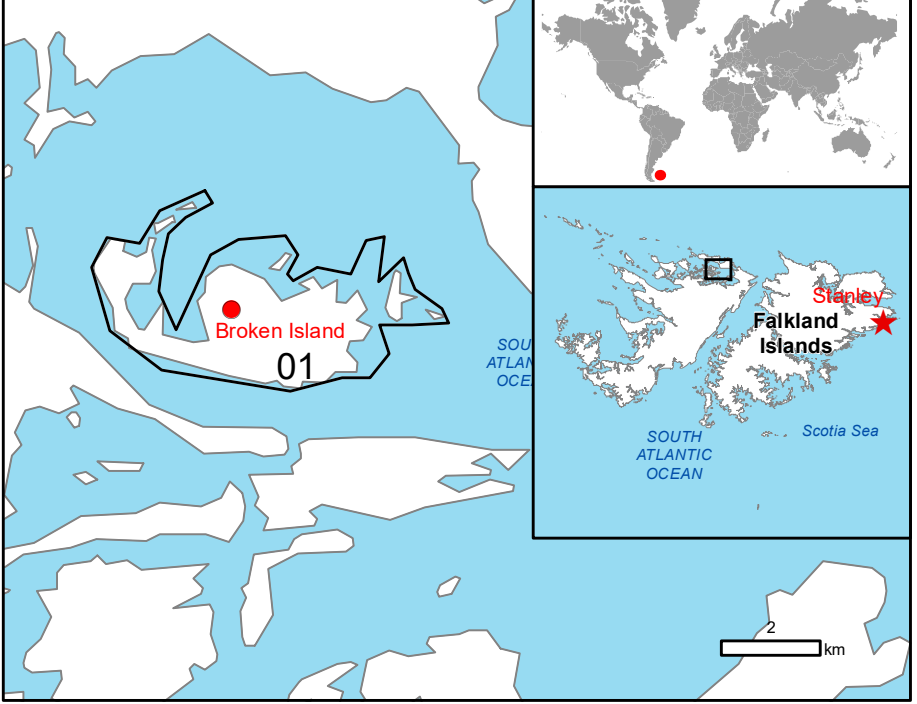


Broken Island - FALKLAND ISLANDS

Wildfire - Situation as of 03/02/2022
Grading - Overview map 01



Cartographic Information

1:11000 Full color A1, 200 dpi resolution
0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 21S map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Land Use-Cover Grading**

 - Destroyed
 - Damaged
 - Possibly damaged
 - Burnt Area (28/01/2022, 22/01/2022)
- Hydrography**

 - Coastline
- Land Use - Land Cover**

Features available in the vector package
- General Information**

 - Area of Interest
 - Not Analysed
- Placenames**

 - Placename

Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha			0	440.9
Estimated population				0	0
Land use	ha	18.3	266.9	5.9	291.1
				291.1	864.0

* Presence of damage proxies and proximity with destroyed/damaged asset
** Sum of Destroyed, Damaged and Possibly damaged
Full table available in the vector package

Map Information

On 21/01 significant wildfire on Broken Island started. Fire well alight, spreading. Causing significant smoke in atmosphere and over other islands. At present it is impossible to access by aircraft or boat to ascertain spread and damage.

The present map shows the fire delineation in the area of Broken Island (Falkland Islands). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 10,000. The estimated geometric accuracy (RMSE) is 3 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq. m.

Relevant date records (UTC)

Event	21/01/2022 14:45	Situation as of	03/02/2022 13:33
Activation	25/01/2022 21:31	Map production	04/02/2022

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 03/07/2021, GSD 0.5 m, approx. 2% cloud coverage in AoI).
Post-event image: SPOT7® AirbusDS (2022), (acquired on 03/02/2022 at 13:33 UTC, GSD 1.5 m, approx. 50% cloud coverage in AoI, 19.0° off-nadir angle).
SPOT6® AirbusDS (2022), (acquired on 28/01/2022 at 13:28UTC, GSD 1.5 m, approx. 40% cloud coverage in AoI, 13.7° off-nadir angle).
Sentinel-2A (2022) (acquired on 22/01/2022 at 13:46 UTC, GSD 10 m, approx. 10% cloud coverage in AoI), provided under COPERNICUS by the European Union and ESA

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Globe Land 30 (2020), Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (30 m) (NASA/USGS)

Disclaimer

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

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

For the latest version of this map and related products visit
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jrc-ems-rapidmapping@ec.europa.eu
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