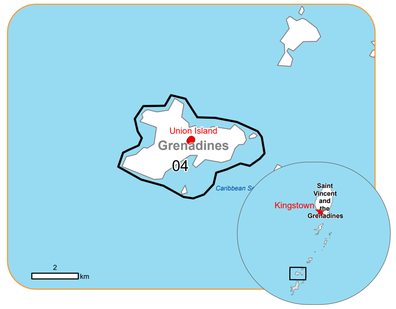
GLIDE number: TC-2024-000105-VCT
Int. Charter Act. ID: N/A

GDACS ID: TC 1001067
Product version: 1

EMSR734 - AOI04
Storm in Saint Vincent and the Grenadines
UNION ISLAND

Situation as of 02/07/2024 14:55 UTC

Grading - Overview map 01



Potentially affected population
Not available

Affected Built-up and Transportations

Built-up
156 No.

Detail 02
Big Sands
Clifton
Ashton

Crisis Information

Built Up Grading
- Destroyed
- Damaged
- Possibly damaged

Transportation Grading
- Airfield and Heliport, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Airfield runway, No visible damage

General Information
- Area of Interest
- Detail map
- Not Analysed

Placenames
- Placename

Hydrography
- Stream
- Lake
- Reservoir
- River

N
0 0.15 0.3 0.6 km
WGS 1984 UTM Zone 20N 1:9,977
Sources Esri, Maxar, Earthstar Geographics, and the GIS User Community

667000 61°27'30"W 668000 61°27'0"W 669000 61°26'30"W 670000 61°26'0"W 671000 61°25'30"W 672000 61°25'0"W 673000 61°24'30"W
1396000 1395000 1394000 1393000 1392000 1391000

Event: On the 01 July 2024 at about 06:00 UTC the Tropical Cyclone BERYL-24 is reported to have affected Barbados, Grenada, St Vincent and the Grenadine Islands. The event is still on-going and over the next 48 hours, very heavy rainfall, strong winds and storm surge are forecast over the Windward islands. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 02/10/2021, resolution 1.0 m).
Post-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 02/07/2024 at 14:55 UTC, resolution 0.5 m).All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image by means of visual interpretation

Map produced by e-GEOS released by e-GEOS on the 03/07/2024.

Details on this activation and service conditions available through the QR code or at the link: https://rapidmapping.emergency.copernicus.eu/EMSR734

PROGRAMME OF THE EUROPEAN UNION

Copernicus
Europe's eyes on Earth

GLIDE number: TC-2024-000105-VCT
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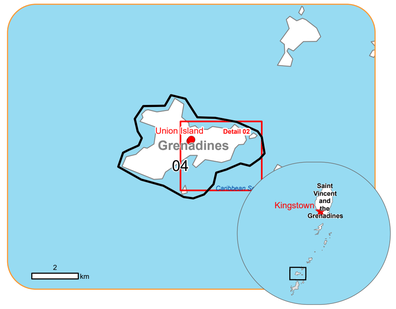
EMSR734 - AOI04
Storm in Saint Vincent and the Grenadines
UNION ISLAND

Situation as of 02/07/2024 14:55 UTC

Grading - Detail map 02



Big Sands

Clifton

Ashton

Crisis Information

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General Information
- Area of Interest
- Not Analysed

Placenames
- Placename

Hydrography
- Stream
- Lake
- Reservoir
- River

N
0 0.07 0.15 0.3 km
WGS 1984 UTM Zone 20N 1:5,000
Source: Esri, Maxar, GeoEye, Earthstar Geographics, and the GIS User Community

Event: On the 01 July 2024 at about 06:00 UTC the Tropical Cyclone BERYL-24 is reported to have affected Barbados, Grenada, St Vincent and the Grenadine Islands. The event is still on-going and over the next 48 hours, very heavy rainfall, strong winds and storm surge are forecast over the Windward islands. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, flood extent and damage assessment emergency mapping.

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EMSR734 AOI: 04 Unionisland Grading

Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 1 800
Built-up	Residential Buildings	No.	20	52	84	156	1 415
	Building point	No.	0	0	0	0	30
	Hotel buildings	No.	0	0	0	0	1
	Unclassified	No.	0	0	0	0	2
Transportation	Airfield runways	ha	0	0	0	0	6.7
	Airfield runways	km	0	0	0	0	1.1
	Local Road	km	0	0	0	0	24.9
	Cart Track	km	0	0	0	0	16.6
Facilities	Sport and recreation constructions	ha	0	0	0	0	0.3
Land use	Heterogeneous agricultural areas	ha	0	0	0	0	52.0
	Forests	ha	0	0	0	0	462.5
	Shrub and/or herbaceous vegetation association	ha	0	0	0	0	48.5
	Inland wetlands	ha	0	0	0	0	72.1
	Other	ha	0	0	0	0	986.7

* Presence of damage proxies and proximitywith destroyed/damaged asset
** Sum of all damage classes

Disclaimer:
Full disclaimer and other helpful information available in the online manual:
https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products
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Data Access:
All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data).
The table above is available in editable format in the Crisis Information Package.
All products and data are also available for download on the portal.

Access to the portal

Estimated Population:
Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset.
Additional population datasets and analysis are available in the summary table.

Data Sources:
Base vector layers: OpenStreetMap © OpenStreetMap contributors (2024), Wikimapia.org, GeoNames 2015,

Global Administrative Areas (2012), refined by the producer. Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.
Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and Airbus Defence and Space GmbH (2020)© provided under COPERNICUS by the European Union and ESA, all rights reserved.

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