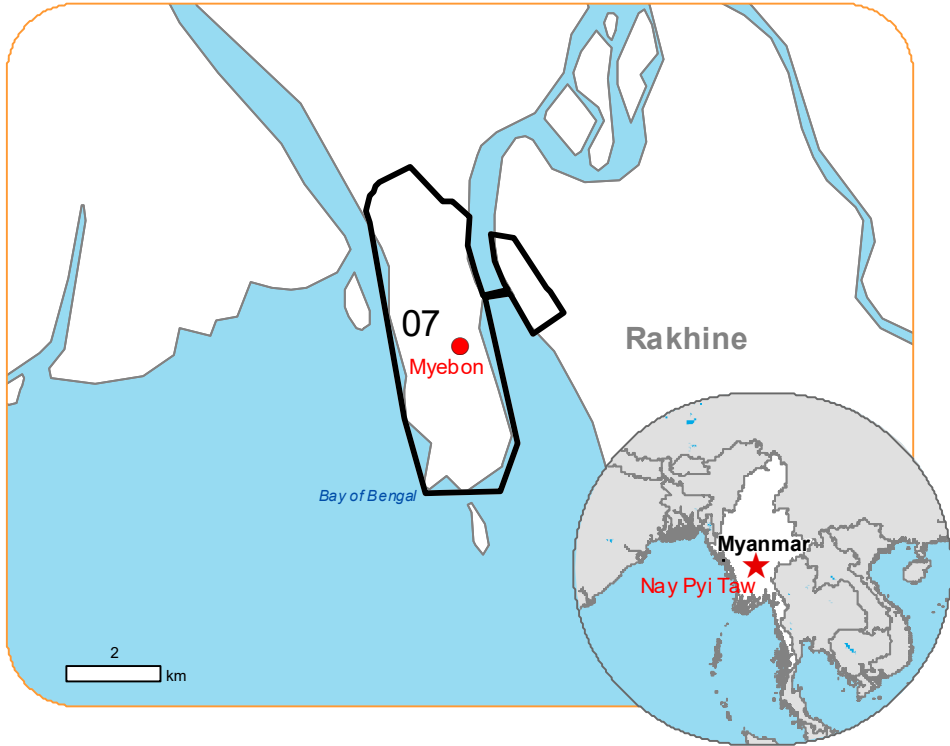






Situation as of 14/05/2023 23:36 UTC
Delineation - Overview map 01



 Observed Event
Flooded area 338.4 ha


 Potentially affected population
~ 550

Potentially Affected Built-up and Transportations


 Road
1.8 km

 Built-up
3 No.

Crisis Information



 Flooded Area


General Information

 Area of Interest


 Detail map

Built-Up Area

 Non residential
 Hospital or institutional care buildings

 Unclassified


Hydrography

 Coastline

 River

 Lake

Facilities

 Sport and recreation constructions

Transportation

 Main road

 Local road

 Track

All data displayed on the map(s), as well as the Land Use -Land Cover layer, is available in the Crisis Information Package and the Base Layer Package (for reference data). All products and data are also available for download on the activation webpage.

Event:
Tropical cyclone MOCHA-23 formed over the southern Bay of Bengal on 11th of May 2023 with predicted category 3 and winds up to 204km/h. It is expected to landfall on Sunday 14th of May in Sittwe city with maximum sustained winds up to 165km/h. Exposed population can be up to 2.6 million people.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2023) (acquired on 27/02/2023 at 04:17 UTC, resolution 10.0 m). Post-event image: COSMO-SkyMed © ASI (2023), distributed by e-GEOS S.p.A. (acquired on 14/05/2023 at 23:36 UTC, GSD 3.0 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), Wikimapia.org, GeoNames 2015. Corine Land Cover (CLC) 2018, 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, 2022 https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php

The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 6.0 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 576 sq m.

Map produced by GMV released by e-GEOS on the 16/05/2023.

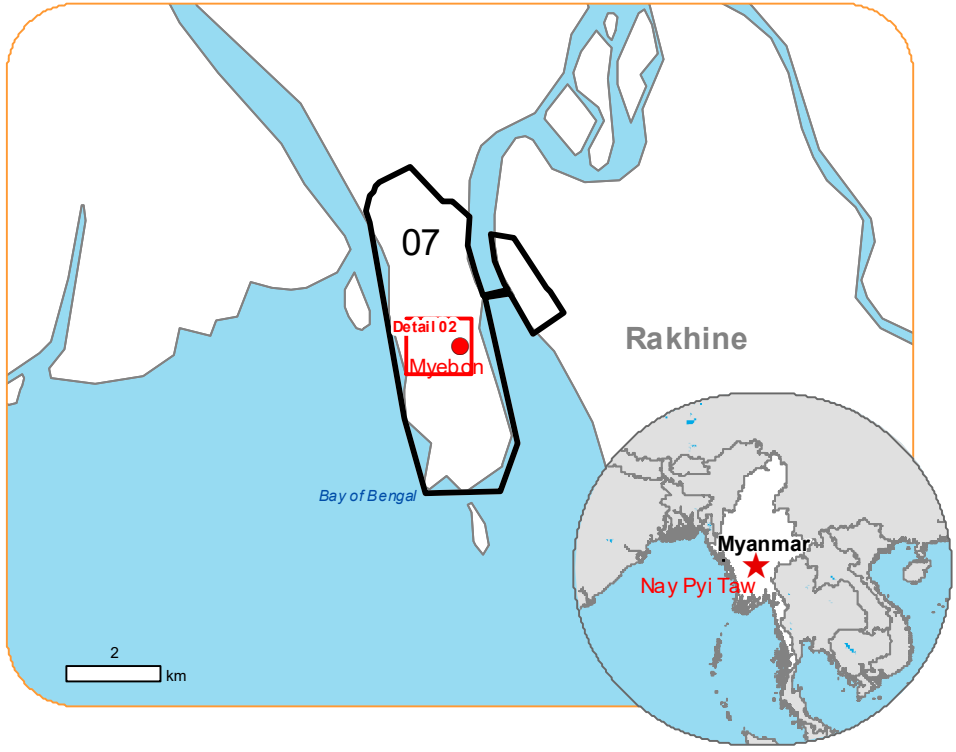
Details on this activation and service conditions available through the QR code or at the link: <https://emergency.copernicus.eu/EMSR661>





 EMSR661 - AOI07
Storm in Myanmar
MYEBON

Situation as of 14/05/2023 23:36 UTC
Delineation - Detail map 02



 Observed Event
Flooded area 51.3 ha
15.2% of total in AOI


 Potentially affected population
~ 250

Potentially Affected Built-up and Transportations


 Road
0.6 km
33.33% of potentially affected

 Built-up
3 No.
100% of potentially affected


Crisis Information


 Flooded Area

General Information

 Area of Interest

Built-Up Area

 Hospital or institutional care buildings


 Unclassified

Hydrography

 River



 Lake

Facilities

 Sport and recreation constructions

Transportation

 Main road

 Local road
 Track

All data displayed on the map(s), as well as the Land Use -Land Cover layer, is available in the Crisis Information Package and the Base Layer Package (for reference data). All products and data are also available for download on the activation webpage.

Event:
Tropical cyclone MOCHA-23 formed over the southern Bay of Bengal on 11th of May 2023 with predicted category 3 and winds up to 204km/h. It is expected to landfall on Sunday 14th of May in Sittwe city with maximum sustained winds up to 165km/h. Exposed population can be up to 2.6 million people.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2023) (acquired on 27/02/2023 at 04:17 UTC, resolution 10.0 m). Post-event image: COSMO-SkyMed © ASI (2023), distributed by e-GEOS S.p.A. (acquired on 14/05/2023 at 23:36 UTC, GSD 3.0 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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EMSR661 AOI: 07 Myebon Delineation

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area		ha		338.4
Estimated population		Number of inhabitants	~ 550	~ 26,000
Built-up	Public entertainment buildings	No.	0	1
	Hospital or institutional care buildings	No.	0	1
	Buildings used as places of worship and for religious activities	No.	0	8
	Unclassified	No.	3	654
Transportation	Primary Road	km	0.2	3.6
	Local Road	km	1.0	27.3
	Cart Track	km	0.6	8.4
Facilities	Sport and recreation constructions	ha	0.0	1.1
Land use	Heterogeneous agricultural areas	ha	318.9	911.6
	Shrub and/or herbaceous vegetation association	ha	9.3	83.0
	Forests	ha	9.0	135.1
	Other	ha	0.9	292.8

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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