

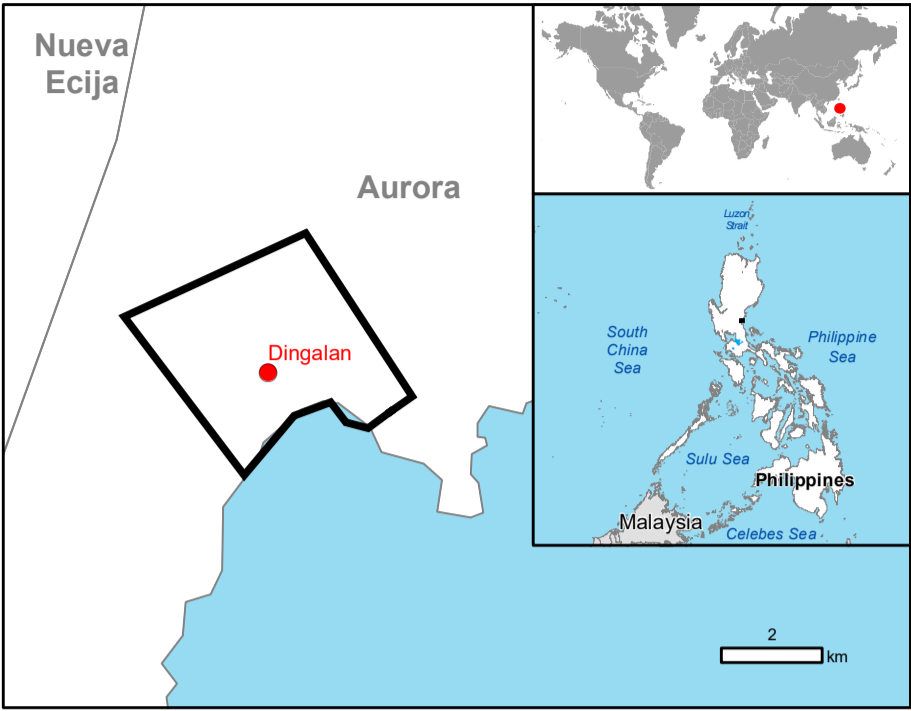


GLIDE number: TC-2022-000318-PHL Activation ID: EMSR636
Int. Charter Act. ID: 782 Product N.: 08DINGALAN, v2

Dingalan - PHILIPPINES

Storm - Situation as of 01/10/2022

Grading - Overview map 01



Cartographic Information

1:9000 Full color A1, 200 dpi resolution

0 0.175 0.35 0.7 km

Grid: WGS 1984 UTM Zone 51N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Built Up Grading**
 - Destroyed
 - Damaged
 - Possibly damaged
- Transportation Grading**
 - Primary Road, No visible damage
 - Secondary Road, No visible damage
 - Local Road, No visible damage
 - Cart Track, No visible damage
- General Information**
 - Area of Interest
 - Not Analysed
- Administrative boundaries**
 - Municipality
- Placenames**
 - Placename
- Hydrography**
 - Coastline
 - River
 - Stream
 - River
- Land Use - Land Cover**
 - Features available in the vector package

Consequences within the AOI					
		Destroyed	Damaged	Possibly damaged*	Total affected**
Estimated population	No.	26	31	171	228
Built-up	km	0.0	0.0	0.0	0.0
Transportation	km	0.0	0.0	0.0	0.0
Land use	ha	0.0	0.0	0.0	0.0

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

Map Information

Noru, known locally as Karding, first made landfall as a super typhoon on the 25th September, but later weakened at 20:20 local time (12:20 GMT) on Sunday. Its peak wind increased from 60 to 160 mph in 24 hours as it transformed from a tropical storm to the equivalent of a Category 5 hurricane. This leap was the fastest 24-hour intensification rates on record for any tropical cyclone. More than 74,000 people had been evacuated from the typhoon's path, and officials had earlier issued warnings of "serious flooding" in areas of the capital, Manila. The Copernicus EMS Rapid Mapping was requested to provide Damage Assessment products

The present map shows the storm damage grade assessment in the area of Dingalan (Philippines). 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	25/09/2022 00:00	Situation as of	01/10/2022 02:12
Activation	26/09/2022 10:52	Map production	05/10/2022

Data sources

Pre-event image: Pleiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 02/06/2022 at 02:42 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in Aoi, 19.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: Pleiades NEO © Airbus DS (2022), (acquired on 01/10/2022 at 02:12 UTC, GSD 0.5 m, approx. 5.0% cloud coverage in Aoi, 38.7° 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, Globe Land 30 (2020) <ICLR> Copernicus Global Land Service: Land Cover (2019), 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

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

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

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

For the latest version of this map and related products visit
<https://emergency.copernicus.eu/EMSR636>

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