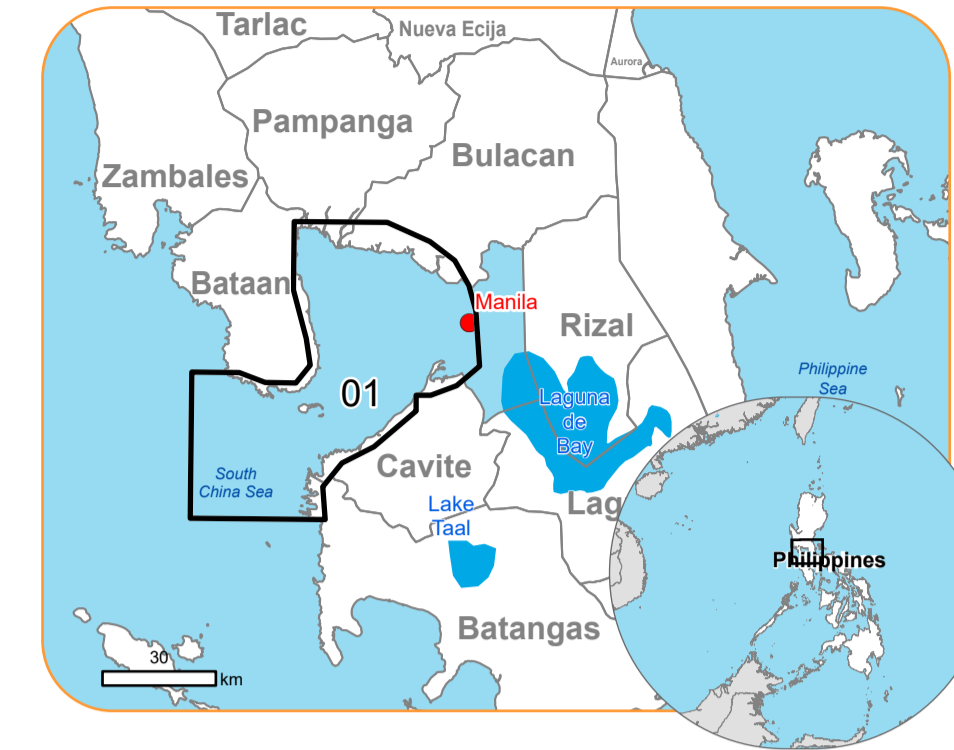


EMSR741 - AOI01
Other in Philippines
MANILA BAY

Situation as of 27/07/2024 10:07 UTC
Delineation MONIT02 - Overview map 01



Oil Spill
1,161.2 ha

Potentially affected population
- Not Available

Crisis Information	Transportation
Oil Spill	Highway
Area of Interest	Main road
Image Footprint	Local road
Not Analysed	Railway
Placenames	Airfield runway
Placename	Subway
Built-Up Area	Airfield
Residential	Helipad
Non residential	Facilities
School, university and research buildings	Long-distance pipelines or lines
Hospital or institutional care buildings	Local pipelines or lines
Military	Water or Aquatic infrastructure
Hydrography	Dam
Lake, River	Mining or extraction site
	Power plant
	Sport and recreation constructions
	Dump Site
	Water or Aquatic infrastructure

Event: On the morning of 25 July 2024, a Philippine tanker, the MT Terra Nova, capsized in Manila Bay, possibly spilling fuel oil within the bay. To assist various government agencies operating on the ground, the Philippine Space Agency hopes to obtain satellite images and mapping to cover the extent of the possible oil spill. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, oil spill extent and damage assessment emergency mapping.

Data sources and analysis: Sentinel-2A/B (2024) (acquired on 16/04/2024 at 02:33 UTC, resolution 10.0 m). This image is used as background image.

Post-event image: TerraSar-X © Infoterra GmbH (acquired on 27/07/2024 at 10:07 UTC, resolution 14.7 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved. Image provided by the International Charter (call ID 1027), all rights reserved.

The thematic layer has been derived from post-event satellite image by means of visual interpretation. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

Map produced by GAF AG released by e-GEOS on the 27/07/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR741>



Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Oil Spill		ha		1,161.2
Estimated population	Number of inhabitants		NA	4.400 Mio.
Built-up	Residential Buildings	ha	0	1,477.9
	Office buildings	ha	0	237.7
	Wholesale and retail trade buildings	ha	0	93.8
	Industrial buildings	ha	0	981.4
	School, university and research buildings	ha	0	335.6
	Hospital or institutional care buildings	ha	0	29.5
	Military	ha	0	99.1
	Cemetery	ha	0	181.9
Transportation	Airfield runways	ha	0	155.0
	Helipad	ha	0	1.6
	Airfield runways	km	0	10.3
	Highways	km	0	147.4
	Primary Road	km	0	266.4
	Secondary Road	km	0	228.3
	Local Road	km	0	2,912.4
	Subway	km	0	4.1
Facilities	Long-distance railways	km	0	99.8
	Settling Basin	ha	0	22.4
	Breakwater	ha	0	7.1
	Constructions for mining or extraction	ha	0	19.1
	Power plant constructions	ha	0	194.3
	Sport and recreation constructions	ha	0	91.6
	Other civil engineering works not elsewhere classified	ha	0	12,361.7
	Long-distance pipelines, communication and electricity lines	km	0	160.7
	Local pipelines and cables	km	0	12.4
	Breakwater	km	0	7.8
Dams	km	0	0.04	
Land use	Other	ha	1,161.2	330,186.8
	Heterogeneous agricultural areas	ha	0	8,543.6
	Forests	ha	0	11,309.0
	Shrub and/or herbaceous vegetation association	ha	0	284.0
	Open spaces with little or no vegetation	ha	0	57.5
	Inland wetlands	ha	0	6,942.0

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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