

### EMSR781 AOI: 01 Pemba Delineation

Consequences within the	AOI			
	Unit of measur		Affected	Total in AOI
Flooded area		ha		2,614.3
Estimated population	Number of inhabitants		~ 900	~ 390,000
Built-up	Residential Buildings	ha	11.9	1,870.4
	Office buildings	ha	0	8.5
	Wholesale and retail trade buildings	ha	0	0.02
	Industrial buildings	ha	0	10.4
	School, university and research buildings	ha	0.2	21.8
	Hospital or institutional care buildings	ha	0	1.1
	Military	ha	0	14.5
	Cemetery	ha	0	5.3
Transportation	Airfield runways	ha	0	99.3
	Highways	km	0	38.1
	Primary Road	km	0	0.03
	Secondary Road	km	0.4	78.9
	Local Road	km	2.3	634.9
	Cart Track	km	4.5	163.6
Facilities	Breakwater	ha	0	1.6
	Sport and recreation constructions	ha	1.9	24.9
	Other civil engineering works not elsewhere classified	ha	0	6.4
	Long-distance pipelines, communication and electricity lines	km	0.1	16.8
	Dams	km	0	0.3
Land use	Shrub and/or herbaceous vegetation association	ha	1,098.3	22,308.0
	Inland wetlands	ha	922.2	4,924.0
	Forests	ha	444.9	20,636.1
	Heterogeneous agricultural areas	ha	130.7	8,452.1
	Other	ha	18.2	21,619.5
	Open spaces with little or no vegetation	ha	0.01	49.6

## 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.

### **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: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus,2020).





