

Teluk Lada - INDONESIA

TSUNAMI- Situation as of 04/01/2018

Grading Map

Cartographic Information

1:10000

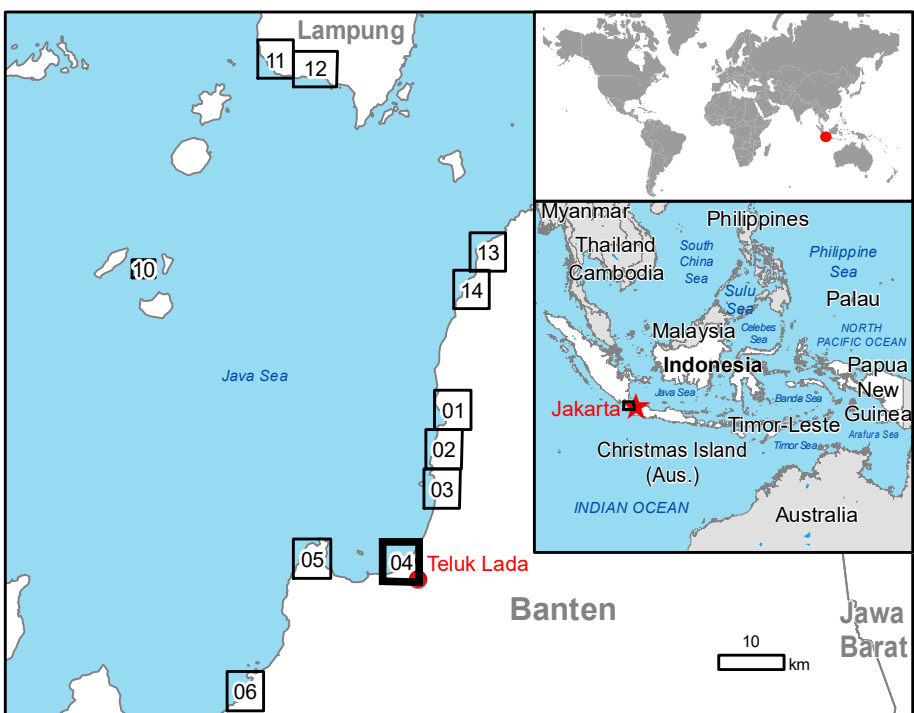
Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 48S map coordinate system
Tick marks: WGS 84 geographical coordinate system

- Legend**
- Built Up Grading**
- Destroyed
 - Damaged
 - Possibly damaged
- Crisis Information**
- Flood trace
- General Information**
- Area of Interest
 - Not Analysed
- Placenames**
- Placename
- Hydrography**
- Coastline
 - River

Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flood Trace	ha				10	
Estimated population	Number of inhabitants				224	52381
Settlements	Residential	No.	23	17	225	265
						N/A



Map Information

On 22 December at 21:27 (UTC+7), undersea landslides likely caused by the Krakatoa volcano eruption triggered a tsunami which hit the coastal areas around Sunda Strait between Java and Sumatra islands of Indonesia. The most affected areas include Carita Beach in Banten Province, as well as districts of Pandeglang, South Lampung and Serang.

As of 23 December, Indonesia's disaster management agency and International media reported 222 fatalities, 843 injured, 30 missing, 446 houses damaged, 9 unit hotel damaged, 60 damaged food stall, 350 boats damaged. In addition, many vehicles were destroyed, and the highway between Serang and Pandeglang was cut off.

The present map shows the damage grade assessment (Grading maps) in the area of Teluk Lada (Indonesia). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Data Sources

Pre-event image: WorldView-2 © DigitalGlobe Digital Globe, Inc. (2018), (acquired on 18/06/2018 at 03:29 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 22.7° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: Pleiades-1A © CNES (2019), distributed by Airbus DS (acquired on 04/01/2019 at 03:16 UTC, GSD 0.5 m, approx. 20% cloud coverage in AoI, 13° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghs-pop_gpw4_globe_r2015a.

Digital Elevation Model: SRTM (90m)

Disclaimer

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Map produced by SIRS released by e-GEOS (ODO).

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Relevant date records			
Event	22/12/2018	Situation as of	04/01/2018
Activation	23/12/2018	Map production	04/01/2019

