

Fahefa - TONGA
Storm - Situation as of 13/02/2018
Delineation Map

Cartographic Information

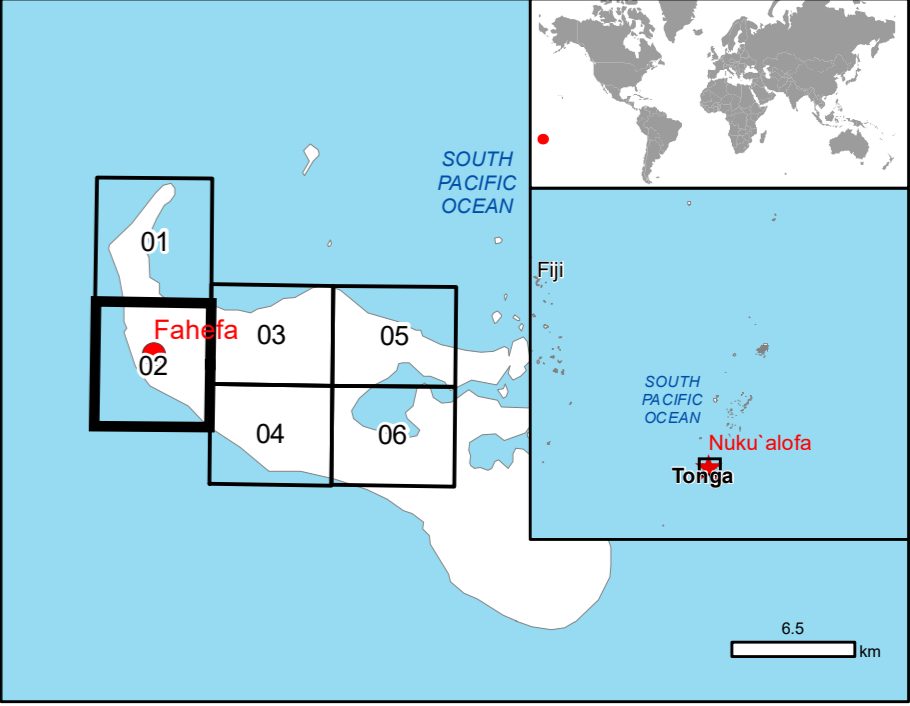
1:12000 Full color ISO A1, medium resolution (200 dpi)

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 1S map coordinate system
Tick marks: WGS 84 geographical coordinate system

- Legend**
- General Information**
- Area of Interest
- Placenames**
- Placename
- Hydrography**
- Island
 - Lake
- Transportation**
- Primary Road
 - Secondary Road
 - Local Road
 - Cart Track

NO FLOODED AREAS DETECTED
FROM SATELLITE IMAGERY USED



Map Information

The island nation of Tonga has declared a state of emergency as it braces for the wrath of Tropical Cyclone Gita, which is bearing down on the island after causing widespread damage in neighbouring Samoa and American Samoa. The Tongan government declared a state of emergency to allow its 100,000 inhabitants to prepare for the category four storm. Gita is expected to intensify into a category five storm.

The present map shows the storm delineation in the area of Fahefa (Tonga). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Data Sources

Pre-event image: Pliades-1A/B © CNES (2017), distributed by Airbus DS (acquired on 21/10/2017 at 22:00 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 2.44° off-nadir angle), provided under COPENICUS by the European Union and ESA, all rights reserved.
Post-event image: RADARSAT 2 Data and products © MacDonald, Dettwiler and Associates Ltd. (2018) (acquired on 13/02/2018 at 17:41 UTC, GSD 3 m) – RADARSAT is an official mark of the Canadian Space Agency – provided under COPENICUS 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: Landsat 2010 © UT BATTELLE, LLC
Digital Elevation Model: SRTM (30m)

Disclaimer

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

For the latest version of this map and related products visit
<http://emergency.copernicus.eu/EMSR269>

jrc-ems-rapidmapping@ec.europa.eu
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Relevant date records			
Event	12/02/2018	Situation as of	13/02/2018
Activation	12/02/2018	Map production	13/02/2018