

ESTIMATED BUILDING DAMAGES IN FOA, LIFUKA AND MOUNGAONE ISLANDS, TONGA

Analysis as of 12 January 2014, provided by the US Government

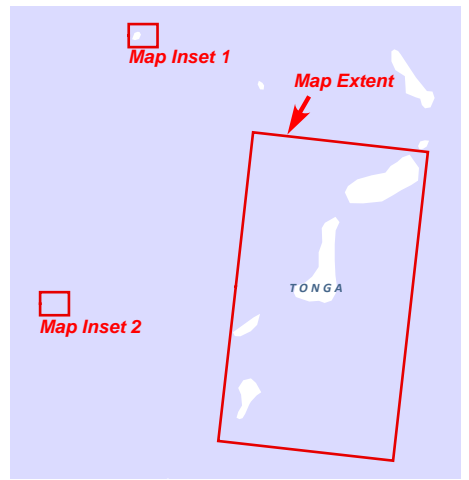
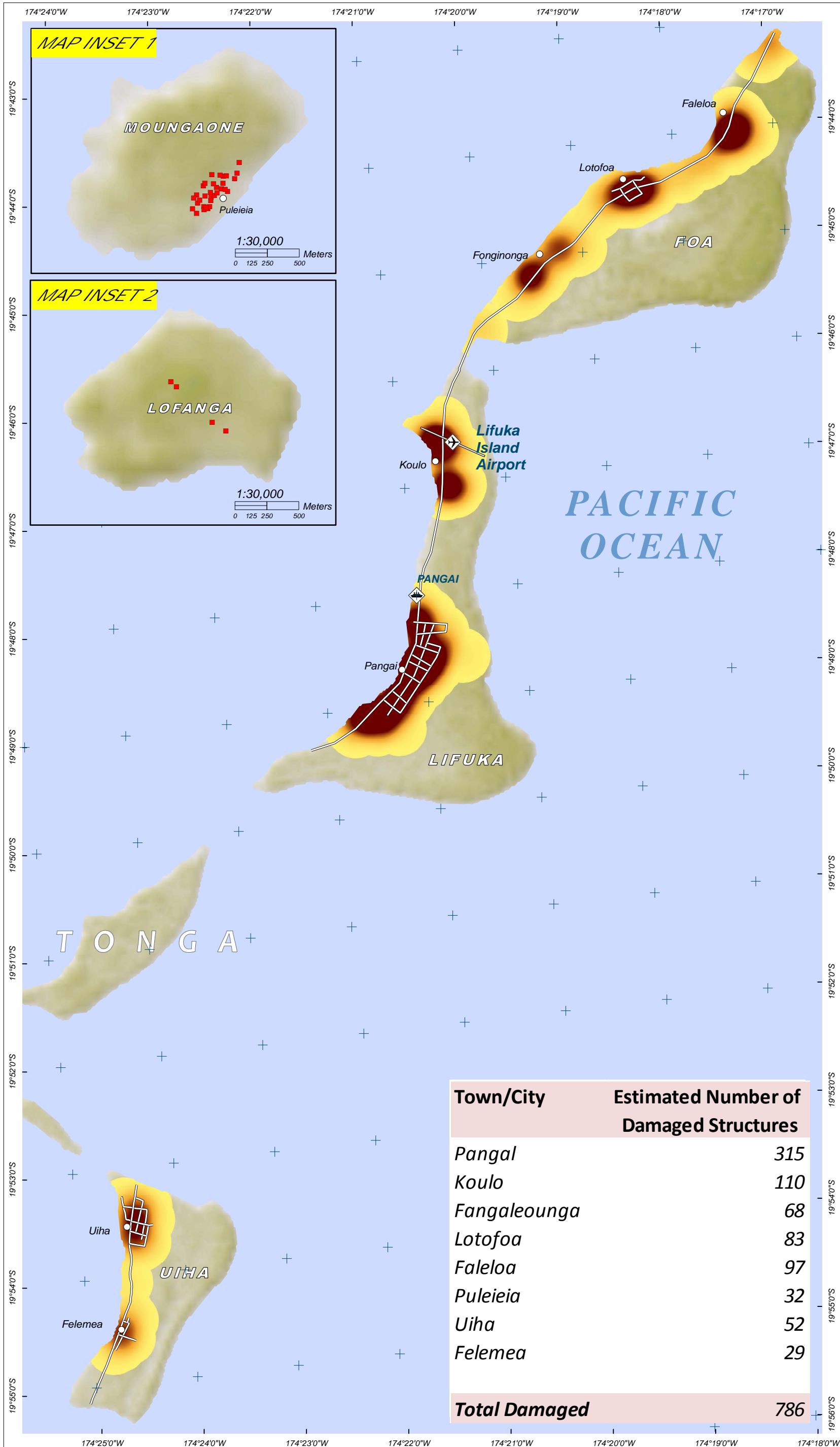
Tropical Cyclone



Production Date: 16/01/2014

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Glide Number: TC20140111TON

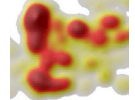


This map illustrates satellite-detected areas of structure damages from Tropical Cyclone Ian as observed by the US Government on 12 January 2014. Tropical Cyclone Ian made landfall 11 January 2014 causing wide spread damages. Approximately 786 structures have been damaged in the Foa, Lifuka, and Moungaone islands. Refer to the table in the map for estimated damages in the towns within these islands. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

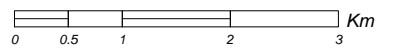
LEGEND

- Damaged Structure
- Port
- Airport
- Town/City
- Primary Rd
- Secondary Rd
- Runway

Relative spatial density of damaged structures as of 12 January 2014



Map Scale for A3: 1:70,000



Road Data : OSM BBBike
 Other Data : USGS, UNCS, NASA
 Analysis : US Government
 Production: UNITAR / UNOSAT
 Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 World Mercator
 Projection: Mercator
 Datum: WGS 1984
 Units: Meter

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Town/City	Estimated Number of Damaged Structures
Pangal	315
Koulo	110
Fangaleounga	68
Lotofoa	83
Faleloa	97
Puleieia	32
Uiha	52
Felemea	29
Total Damaged	786



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