

TONGA

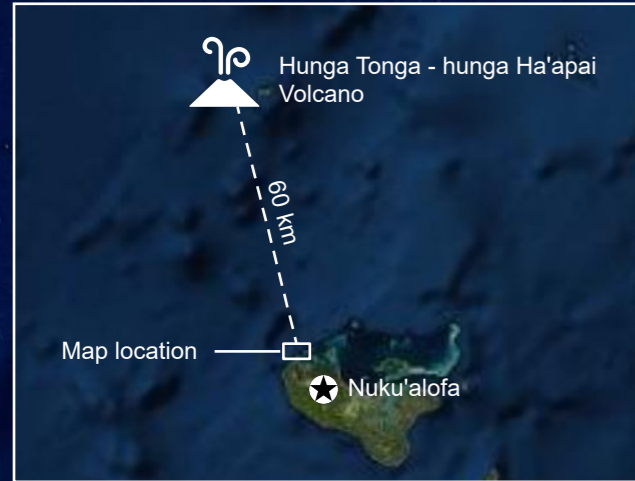
ATATA ISLAND, KOLOVAO DISTRICT, TONGATAPU DIVISION

IMAGERY ANALYSIS: 18/JAN/2021 PUBLISHED 18/JAN/2021 V1.

AREA AFFECTED
62 ha

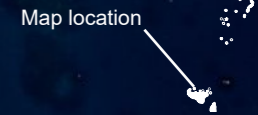
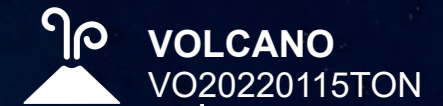
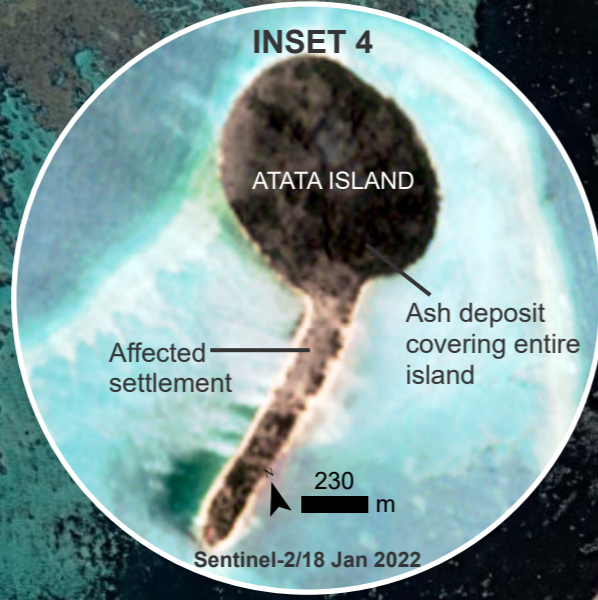
DAMAGED STRUCTURES
72

POTENTIALLY DAMAGED STRUCTURES
28



ATATA ISLAND

See inset 3 & 4 for overview between before and after the volcanic eruption



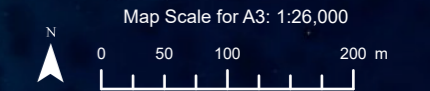
Damage assessment in Atata Island, Kolovao district, Tongatapu division, Tonga as of 18 January 2022

This map illustrates impact of the Hunga Tonga-hunga Ha'apai volcanic eruption and subsequent tsunami in the Atata island (Kolovao district, Tonga) and the related damage assessment as detected from a Pleiades image acquired on 18 January 2022, 19:45 local time. Within this island, UNOSAT identified 72 structures as damaged, 28 structures as potentially damaged. Furthermore, the entire island appears to be covered with volcanic ash.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to the United Nations Satellite Centre (UNOSAT).

Legend

- Damaged structure
- Potentially damaged structure



Spatial Reference
Name: WGS 1984 UTM Zone 1S
PCS: WGS 1984 UTM Zone 1S
GCS: GCS WGS 1984
Datum: WGS 1984

Satellite Data (Post-event): Pleiades
Imagery Date: 17 Jan 2022, 21:45 UTC
Resolution: 50 cm
Copyright: © CNES (2022), Distribution Airbus DS.
Source: Airbus DS

Satellite Data (Pre-event): ESRI World Imagery
Boundary data: Secretariat of the Pacific Community, Statistics for Development Division
Populated place: OpenStreetMap
Building footprint: OpenStreetMap

Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)