

# 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)