

PHILIPPINES - Taal volcano - West area

Volcanic eruption - Impact Map Observed the 14/01/2020

Location Diagrams



Cartographic Information



Local projection: UTM 51 N, Datum: WGS 84
Geographic projection: Lat/Lon (DMS), Datum: WGS 84
Scale: 1:3 000 for A1 prints

Legend

- Damaged settlements**
- Destroyed building
 - Destroyed jetty
 - Affected fishing pen
 - Destroyed fishing pen
 - Ash deposits
 - Clouds

Interpretation

Taal volcano has erupted pushing streams of lava, dark ash clouds and steam 14km into the air. Authorities in the surrounding province of Batangas, have declared a "state of calamity". Almost 20,000 people have already sought refuge in temporary shelters with many more expected as evacuations take place. Volcanic ash has spread 100km and as far north as Quezon city forcing the airport to close temporarily. This map represents the impact of Taal volcanic eruption on settlements and ash deposits observed the 14/01/2020 over the Western part of Taal Island.

Data Sources

Crisis layers
Impact of Taal volcanic eruption derived from Pléiades-HR1A image acquired the 14/01/2020.
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Background layers
Pléiades-HR1A © CNES (2020), distributed by Airbus DS (acquired the 14/01/2020 at 02:35 UTC, GSD 0.5m)
Inset maps
Natural Earth 2012, Global Terrain Map 2010

Framework

This best effort Rapid Mapping product is elaborated within a very short timeframe, optimizing the available material, and has been quality checked within SERTIT's ISO 9001 procedure. All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. No liability concerning the content or the use thereof is assumed by the producer.

Map produced the 15/01/2020 by SERTIT
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