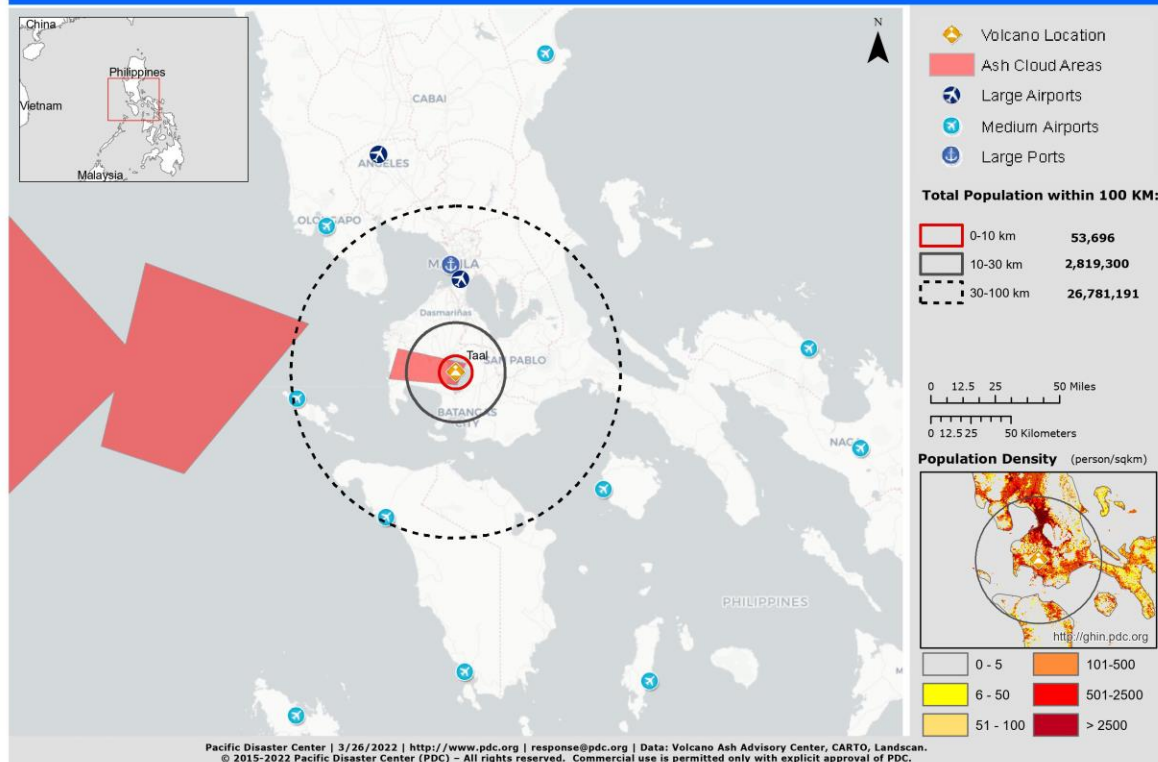


Volcano Warning - Taal Volcano, Philippines 26 March 2022 0152 UTC



VAAC (TOKYO) ASH ADVISORY SUMMARY: ERUPTION AT 20220326/0035Z FL110 REPORTED. VOLCANO ASH HEIGHT UPDATED TO FL110 BASED ON GROUND REPORT.



Pacific Disaster Center | 3/26/2022 | <http://www.pdc.org> | response@pdc.org | Data: Volcano Ash Advisory Center, CARTO, Landscan. © 2015-2022 Pacific Disaster Center (PDC) - All rights reserved. Commercial use is permitted only with explicit approval of PDC.

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EXPOSURE

531.9K
ESTIMATED EXPOSED
HOUSEHOLDS

2.81M
ESTIMATED EXPOSED
PERSONS

\$7.34B
(USD) REPLACEMENT
VALUE OF EXPOSED
INFRASTRUCTURE

- **OVERVIEW:** At 0622 HRS UTC+7, the Philippine Institute for Volcanology and Seismology ([PHIVOLCS](#)), **Taal Volcano** Main Crater generated a short-lived phreatomagmatic burst which was followed by nearly continuous phreatomagmatic activity that generated plumes 1.5 km high accompanied by volcanic earthquake and infrasound signals.
- **EXPOSURE:** It is estimated that **53,697 people, 10,131 households, and \$139 Million (USD) of infrastructure** (total replacement value) are within 10 km and more likely to be **adversely impacted**, and that 2.81 Million people, 531,944 households, and \$7.34 Billion (USD) of infrastructure (total replacement value) are 10-30 km from the volcano.
- **PREPAREDNESS AND RESPONSE:**
 - [PHIVOLCS](#) is now raising the alert status of **Taal Volcano** from Alert Level 2 to **Alert Level 3**. This means that there is magmatic intrusion at the Main Crater that may drive succeeding eruptions.
 - [PHIVOLCS](#) strongly recommends the Taal Volcano Island and high-risk barangays of Bilibinwang and Banyaga, Agoncillo and Boso-boso, Gulod and eastern Bugaan East, Laurel, Batangas Province be evacuated due to the possible hazards of pyroclastic density currents and volcanic tsunami should stronger eruptions occur.
- **ADVISORY:**
 - The public is reminded that the entire Taal Volcano Island is a **Permanent Danger Zone (PDZ)**, and entry into the island as the high-risk barangays of Agoncillo and Laurel must be prohibited.
 - Communities around the Taal Volcano are advised to remain vigilant, take precautionary measures against possible airborne ash and vog (form of air pollution when sulfur dioxide and other gases and particles emitted by an erupting volcano react with oxygen and moisture in the presence of sunlight) and calmly prepare for possible evacuation should unrest intensify.
 - Civil aviation authorities must advise pilots to avoid flying over Taal Volcano Island as airborne ash and ballistic fragments from sudden explosions and pyroclastic density currents such as base surges may pose hazards to aircraft.
- The AHA Centre will continue to monitor and issue necessary updates once more information from official sources becomes available.

DATA SOURCES

ASEAN Disaster Monitoring & Response System (DMRS); Pacific Disaster Center (PDC Global);

Philippines: PHIVOLCS;

Verified news media agencies.

DISCLAIMER

The AHA Centre was established in November 2011 by the Association of Southeast Asian Nations (ASEAN) Member States to facilitate cooperation and coordination among the Member States, relevant agencies of the United Nations, and international organisations in disaster management and humanitarian assistance.

The use of boundaries, geographic names, related information and potential considerations for response are for reference, not warranted to be error free or implying official endorsement from ASEAN Member States.

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