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Philippine Standard Time Wednesday, January 15, 2020 2:25:23 PM





TAAL VOLCANO BULLETIN: 15 January 2020 8:00 A.M.

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For the past 24 hours, Taal Volcano's activity has been characterized by continuous but generally weaker eruption of the Main Crater due to nagmatic and hydrovolcanic processes. This ongoing eruption generated dark gray steam-laden plumes that reached approximately 1000 neters high and dispersed ash to the southwest of the Main Crater.

New fissures or cracks were observed in Sinisian, Mahabang Dahilig, Dayapan, Palanas, Sangalang, Poblacion, Mataas na Bayan, Lemery; Pansipit, Bilibinwang, Agoncillo; Poblacion 1, Poblacion 2, Poblacion 3, Poblacion 5, Talisay and Poblacion, San Nicolas. A fissure transected the oad connecting Agoncillo to Laurel, Batangas.

The Philippine Seismic Network plotted a total of four hundred sixty-six (466) volcanic earthquakes since 1:00 PM, January 12, 2020. One nundred fifty-six (156) of these were felt with intensities ranging from Intensity I – V. Since 5:00 AM on January 14, 2020 until 5:00 AM today, here were one hundred fifty-nine (159) volcanic earthquakes and twenty-eight (28) of which were felt with intensities ranging from Intensity I – II. Such intense seismic activity probably signifies continuous magmatic intrusion beneath the Taal edifice, which may lead to further eruptive activity.

Sulfur dioxide (SO2) emission was measured at an average of 1686 tonnes/day on 14 January 2020.

Alert Level 4 still remains in effect over Taal Volcano. This means that hazardous explosive eruption is possible within hours to days. DOST-PHIVOLCS strongly reiterates total evacuation of Taal Volcano Island and high-risk areas as identified in the hazard maps within the 14-km radius rom Taal Main Crater and along the Pansipit River Valley where fissuring has been observed. Residents around Taal Volcano are advised to juard against the effects of heavy and prolonged ashfall. Civil aviation authorities must advise pilots to avoid the airspace around Taal Volcano as airborne ash and ballistic fragments from the eruption column pose hazards to aircraft. DOST-PHIVOLCS is continually monitoring the pruption and will update all stakeholders of further developments.

IOST-PHIVOLCS

Republic of the Philippines

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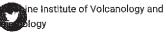
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Attres (WHT COCK Building, C. Starcia Ave., U.P. Diliman, Quezon City Philippines 1101