

Taal Volcano's (14.0000°N, 120.9833°E) seismic network recorded seventeen (17) volcanic earthquakes during the past 24 hours. Three of these events which occurred at 6:35:38 A.M., 6:35:53 A.M. and 11:25:00 P.M. yesterday were all felt at Intensity III by residents at Pira-piraso, Tibag, Tuoran and Calauit located in the northeast and southeast sectors of the Volcano Island. These felt events were reportedly accompanied with rumbling sounds. Field measurements conducted at the eastern sector inside the Main Crater Lake showed that the water temperature increased from 30.5°C to 31.5°C. Result of the ground deformation survey (precise leveling) conducted around the Volcano Island last 05-11 April 2011 showed that volcano edifice is slightly inflated as compared with the 02-09 February 2011 survey.

*Alert Level 2* is hoisted over Taal Volcano with the interpretation that magma has been intruding towards the surface, as manifested by CO<sub>2</sub> being released in the Main Crater Lake and sustained seismic activity. Hence, PHIVOLCS advises the public that the Main Crater, Daang Kastila Trail and Mt. Tabaro (1965 -1977 Eruption Site) are strictly off-limits because sudden hazardous steam-driven explosions may occur and high concentrations of toxic gases may accumulate. Breathing air with high concentration of gases can be lethal to human, animals and even cause damage to vegetation. In addition, it is reminded that entire Volcano Island is a Permanent Danger Zone (PDZ), and permanent settlement in the island is strictly not recommended. DOST-PHIVOLCS is closely monitoring Taal Volcano's activity and any new significant development will be immediately relayed to all concerned.

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