

Taal Volcano's (14.0000°N, 120.9833°E) seismic network recorded five (5) volcanic earthquakes during the past 24 hours. Field measurements conducted last 19 July 2011 at the western sector of the Main Crater Lake showed that the water temperature changed slightly from 33.4°C to 33.0°C. The water level decreased from 0.85 meter to 0.81 meter and the pH value became less acidic from 2.80 to 2.91. Minimal bubbling activity was observed at the middle portion of the Main Crater Lake. Results of the ground deformation survey (precise leveling) conducted around the Volcano Island last 01 - 10 June 2011 showed that the volcano edifice is slightly inflated relative to 26 April - 03 May 2011 survey. Measurement of carbon dioxide (CO₂) emission rate last 27 June 2011 at Taal Main Crater Lake yielded a value of 1,821 tonnes per day which is above the background level.

Taal Volcano's status remains at *Alert Level 1*. This means that hazardous eruption is not imminent. The public, however, is reminded that the Main Crater should be strictly off-limits to the public because sudden steam explosions may occur and high concentrations of toxic gases may accumulate. The northern portion of the Main Crater rim, in the vicinity of Daang Kastila Trail, may also be hazardous when increased steam emission is reactivated along existing fissures. Furthermore, the public is also reminded that the entire Volcano Island is a Permanent Danger Zone (PDZ), and permanent settlement in the island is strictly not recommended.

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