

Taal Volcano's (14.0000°N, 120.9833°E) seismic network recorded eight (8) volcanic earthquakes during the past 24-hour observation period. Field measurements last 20 March 2014 at the eastern sector of the Main Crater Lake recorded no change in water temperature of 29.8°C, a decrease in water level of 0.57 meter from 0.65 meter, and slight decrease in water acidity of pH 2.97 from pH 2.88. Ground deformation survey in the Volcano Island on 10-21 February 2014 yielded slight deflation at Calauit, Alas-as, Pira-piraso, Daang Kastila and New Eruption Site precise leveling lines compared to the December 2013 survey. GPS data from December 2013 to end of February 2014 showed slight deflationary changes in ground deformation. However, the edifice is still slightly inflated in general compared to February 2011 baseline data. Carbon dioxide (CO₂) emission at the Main Crater Lake increased to 675 tonnes per day on 25-28 February 2014 compared to 500 tonnes per day last 27 January 2014.

Alert Level 1 remains in effect over Taal Volcano. This means that hazardous eruption is not imminent. The public, however, is reminded that the Main Crater should be strictly off-limits 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 become hazardous when steam emission along existing fissures suddenly increases. Furthermore, the public is also reminded that the entire Volcano Island is a Permanent Danger Zone (PDZ), and permanent settlement in the island is strongly not recommended.

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