

Taal Volcano's (14.0000°N, 120.9833°E) seismic network recorded one (1) volcanic earthquake during the past 24-hour observation period. Field measurements last 25 February 2014 at the western sector of the Main Crater Lake yielded a slight increase in water temperature of 29.9°C from 29.4°C, a decrease in water level of 0.68 meter from 0.78 meter, and increase in water acidity of pH 2.94 from pH 2.99. 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 third week of November 2013 to end of January 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 decreased to 500 tonnes per day on 27 January 2014 compared to 1,700 tonnes per day last 06 July 2013.

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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