

Taal Volcano's seismic network recorded one (1) volcanic earthquake during the past 24 hours. Field measurements conducted on December 25, 2014 at the at the eastern sector of the Main Crater Lake recorded a decrease in water temperature from 31.6°C to 30.1°C, an increase in water level from 0.93 to 0.96 meter, and a decrease in acidity from pH 3.10 to pH 3.23. Ground deformation measurements through precise leveling surveys on November 19 - 30, 2014 showed slight inflationary changes compared to June 2014 result. Ground deformation measurements from GPS data showed an inflationary change since May 2014. In general, the edifice is slightly inflated compared to February 2011 baseline data. Carbon dioxide (CO<sub>2</sub>) emission at the Main Crater Lake increased from 1800 tonnes/day in July 23-25, 2014 to 2185 tonnes/day during the November 3-5, 2014 survey.

**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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