

Taal Volcano's seismic network recorded four (4) volcanic earthquakes during the past 24 hours. Field measurements conducted on January 22, 2015 at the eastern sector of the Main Crater Lake recorded an increase in water temperature from 29.7°C to 29.8°C, a decrease in water level from 0.90 to 0.83 meter, and a decrease in acidity from pH 3.09 to pH 3.10. Ground deformation measurements through precise leveling surveys on November 19 - 30, 2014 indicated slight inflation of the edifice compared to June 2014. Ground deformation measurements from GPS data also indicate an inflationary trend since May 2014, with the edifice being slightly inflated overall compared to February 2011 baseline data. Carbon dioxide (CO₂) emission at the Main Crater Lake increased from 1800 tonnes/day in July 2014 to 2185 tonnes/day in November 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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