

Kanlaon Volcano Alert Level Scheme

Monday, 28 December 2015 17:07

ALERT

CRITERIA

INTERPRETATION/RECOMMENDATION

0

No Alert (NORMAL)

All monitored parameters within background levels. Unremarkable level of volcanic earthquakes occurring

Quiescence; no magmatic eruption is foreseen. However, there are perennial hazards (sudden explosion)

1

Low Level of

Volcanic Unrest

Kanlaon Volcano Alert Level Scheme

Monday, 28 December 2015 17:07

Slight increase in volcanic earthquake and steam/gas activity. Sporadic explosions from the summit crater.

Hydrothermal, magmatic, or tectonic disturbances may be underway. The source of activity is shallow, near the summit.

2

Moderate Level of Volcanic Unrest

Elevated levels of any of the following parameters: volcanic earthquake, temperature, acidity and volcanic gas emission.

Probable intrusion of magma at depth, which may or may not lead to magmatic eruption. Entry within Period of Alert.

3

High Level of Volcanic Unrest

Sustained increases in the levels of volcanic earthquakes, some of which may be perceptible. More energetic explosions from the summit crater.

Magmatic intrusion to the surface is driving unrest, with indications that hazardous eruption could occur.

4

Hazardous Eruption Imminent

Intensifying unrest characterized by earthquake swarms and volcanic tremor, many of which may be perceived as

Low-level magmatic eruption underway, which can progress to highly hazardous major eruption. Danger zones may be

5

Hazardous Eruption in Progress

Magmatic eruption characterized by explosive production of tall ash-laden

Life-threatening major eruption producing volcanic hazards that endanger communities. Danger zones may be

STAND-DOWN PROCEDURES

In order to minimize unnecessary changes in declaration of Alert Levels, the following periods shall be observed:

From Level 5 to Level 4: Wait at least 24 hours after hazardous activity stops

From Level 4 to Level 3 or 2: Wait at least 2 weeks after activity drops below Level 4

From Level 3 to Level 2: Wait 2 weeks after activity drops below Level 3

KANLAON VOLCANO OBSERVATORY

Bgy. Cubay, La Carlota City, Negros Occidental; Brgy. Pula, Canlaon City, Negros Oriental

Contact Nos: 09152854895

Revised November 2015