BULUSAN VOLCANO ALERT LEVELS

ALERT LEVEL	CRITERIA	INTERPRETATION/ RECOMMENDATION
0	Quiet or No Alert	All monitored parameters within background levels. Unremarkable level of volcanic earthquakes occu
1	Low Level of Volcanic Unrest	Quiescence; no magmatic eruption is foreseen. However, explosions, hazards (ashfalls and landslides) that ma

Slight increase in volcanic earthquake and steam/gas activity. Sporadic explosions from existing or new

Hydrothermal, magmatic, or tectonic disturbances. The source of activity is shallow, near crater or in t

2

Moderate Level of Volcanic Unrest

Elevated levels of any of the following: volcanic earthquake, steam/gas emission, ground deformation, SO_2 emission rate, increased sedimentation

Probable intrusion of magma at depth, which can lead to magmatic eruption. Entry within PDZ must be

3

High Level of Volcanic Unrest

Sustained increases in the levels of volcanic earthquakes, some may be perceptible. Occurrence of lo

Magma is near or at the surface, and activity could lead to hazardous eruption in weeks. Danger zones

4

Hazardous Eruption Imminent	
Intensifying unrest	characterized by earthquake swarms and volcanic tremor, many perceptible. Frequ
Magmatic processes or effusive	eruption underway, which can progress into highly hazardous eruption
5	
Hazardous Eruption in Progress	
Magmatic eruption characterized	by explosive production of tall ash-laden eruption columns, or by mas
Life-threatening eruption	producing volcanic hazards that endanger communities. Additional danger are

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

BULUSAN VOLCANO OBSERVATORY

Bgy. Cabid-an, Sorsogon City

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1

Lahars may be generated by intense rainfall over the volcano area and may affect riverside communities far down the PDZ.

2

Sulfur Dioxide is a major gas component of magma.

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