

MAYON VOLCANO UPDATE 19 January 2010; 8:00 AM

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Alert Level: 2

MONITORED PARAMETERS

LATEST OBSERVATIONS



PREVIOUS OBSERVATIONS

Seismicity

[Redacted]

[Redacted]

Four (4) volcanic earthquakes and eight (8) rockfall events were detected

The seismic network recorded a total of (30) volcanic earthquakes

Ground Deformation

(Precise Leveling results)

Buang Leveling Line

(05 - 10 January 2010 survey)

Two (2.0) mm deflation relative to 27 Nov. - 03 Dec. 2009 survey. Overall,

Lidong Leveling Line

(05 - 10 January 2010 survey)

0.4 mm. deflation relative to 27 Nov. – 03 Dec. 2009 survey. Overall, the v



Buang Leveling Line

(27 Nov.– 03 Dec. 2009 survey)

No change relative to 08-10 Nov. 2009 survey. Overall, the volcano remain

Lidong Leveling Line

(27Nov – 03 Dec. survey)

One (1.0) mm. inflation relative to 05 -06 Nov. 2009 survey. Overall, the vo

SO

2

□

Flux Reading

(FlySpec)

No reading due to bad weather condition.

408 tonnes/day

(15 Jan. 2010)

1,012 tonnes/day

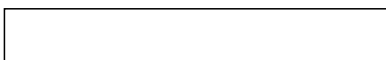
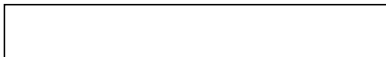
(14 Jan. 2010)

635 tonnes/day

(13 Jan. 2010)



Crater glow



Intensity II

Intensity II

Steaming Activity

Obscured

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Obscured

REMARKS/RECOMMENDATION:

Alert Level 2 is in effect over Mayon Volcano. This means a further reduction in the likelihood of hazardous eruption. PHIVOLCS-DOST recommends that the public should not enter the six (6) kilometer radius Permanent Danger Zone and the 7-km Extended Danger Zone on the southeast of the volcano due to continuing threat from sudden explosions, rockfalls from the upper slopes and pyroclastic flows due to sudden collapse of unstable lava deposits. Active river channels and those perennially identified as lahar prone in the southern sector should also be avoided especially during bad

weather conditions or when there is heavy and prolonged rainfall.