

27 February 2010, 8:00 AM

Alert Level: 2

MONITORED PARAMETERS

LATEST OBSERVATIONS

PREVIOUS OBSERVATIONS

Seismicity

Mayon Volcano Update

Saturday, 27 February 2010 18:31

[Redacted]

[Redacted]

[Redacted]

Three (3) volcanic earthquakes and eleven (11) rockfall events were detected by the seismic network.

The seismic network recorded a total of fifteen (15) volcanic earthquakes and forty-one (41) rockfall events on 27 Feb.

[Redacted]

[Redacted]

Ground Deformation

Buang Leveling Line

(20 Feb. 2010 survey)

Deflation

Lidong Leveling Line

(20 Feb. 2010 survey)

Deflation

MRHO Tiltmeter

(19

– 24 Feb. 2010)

Deflation

Buang Leveling Line

(Jan 05 -10, 2010 survey)

Two (2.0) mm deflation relative to 27 Nov - 3 Dec 2009 survey. Overall, the volcano remains inflated by

Lidong Leveling Line

(Jan 05 – 10, 2010 survey)

0.4 mm. deflation relative to 27 Nov.- 3 Dec 2009 survey. Overall, (the) volcano remains flat to slightly deflated relative to 2007

MRHO Tiltmeter

(15 – 18 Feb. 2010)

Deflation

SO

2

□

Flux Reading

(FlySpec)

196 tonnes/day

(26 Feb. 2010)

Mayon Volcano Update

Saturday, 27 February 2010 18:31

390 tonnes/day

(25 Feb. 2010)

503 tonnes/day

(24 Feb. 2010)

559 tonnes/day

(23 Feb. 2010)

480 tonnes/day

(22 Feb. 2010)

[Empty box]

Crater glow

[Empty box]

[Empty box]

Intensity II

[Empty box]

Intensity II

Steaming Activity

Weak

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Saturday, 27 February 2010 18:31

Wispy to Moderate		
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REMARKS/RECOMMENDATION:

Alert Level 2 is in effect over Mayon Volcano. 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.