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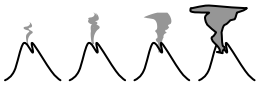
MAYON VOLCANO BULLETIN

STATUS: ALERT LEVEL 3 RELEASED: 20 Feb. 2000; 7:00 A.M.

MONITORED PARAMETERS	OBSERVATIONS DURING THE PAST 24 HOURS		PREVIOUS WEEK
Seismicity	**Last Reading** Two (2) low frequency volcanic earthquakes and six (6) low frequency short duration harmonic tremors recorded	**Previous Reading** One (1) low frequency and four (4) high frequency volcanic quakes	Total of seventeen (17) high frequency and one (1) low frequency volcanic quakes, and nine (9) high frequency short duration harmonic tremor
Sulfur Dioxide (SO_2) Flux	8,150 tonnes/day (February 19, 2000)	2,840 tonnes/day (February 18, 2000)	Above baseline of 500 t/d
Ground Deformation	Slight inflation at the volcano's SE lower slopes (Feb. 17)	Slight deflation at the SE lower slopes of the volcano (Jan.29)	Slight deflation at the SE lower slopes of the volcano
Crater Glow	Crater glow visible to the naked eye from 0000-0005 H, February 20, 2000	Obscured	No glow observed
Steaming Activity	**X**	Obscured	 **X → X**

REMARKS/RECOMMENDATION:

- No entry in the 6-km radius Permanent Danger Zone (PDZ) and the 7-km radius Extended Danger Zone (EDZ) in the SE sector. The high level of $S0_2$ flux output (8,150 t/d) indicates continuous ascent and active degassing of magma below the lava pile.
- Sudden phreatic explosions may still occur.

Issued by: **AGNES R. AGUILAR** **Noted by:** _____