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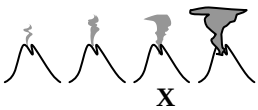
MAYON VOLCANO BULLETIN

STATUS: ALERT LEVEL 3 RELEASED: 21 Feb. 2000; 7:00 A.M.

MONITORED PARAMETERS	OBSERVATIONS DURING THE PAST 24 HOURS		PREVIOUS WEEK
Seismicity	**Last Reading** Seven (7) low frequency volcanic earthquakes and two (2) low frequency short duration harmonic tremors recorded	**Previous Reading** Two (2) low frequency volcanic earthquakes and six (6) low frequency short duration harmonic tremors recorded	Total of twenty five (25) high frequency and fifteen (15) low frequency volcanic earthquakes, seventeen (17) high frequency and six (6) low frequency short duration harmonic tremors
Sulfur Dioxide (SO_2) Flux	3,360 tonnes/day (Feb. 20, 2000)	8,150 tonnes/day (Feb. 19, 2000	Above baseline of 500 t/d
Ground Deformation	Slight inflation at the NW upper slope of the volcano (Feb. 20, 2000)	Slight inflation at the volcano's SE lower slopes (Feb. 17, 2000)	Slight deflation at the SE lower slopes of the volcano
Crater Glow	Crater glow visible to the naked eye at 2149 H (30 secs.) 2224 H (10 secs.) & 2337 (35 secs.)	Crater glow visible to the naked eye from 0000-0005 H, Feb. 20, 2000	Crater glow visible to the naked eye on Feb. 20, 2000. The last 6 days before that, no glow observed.
Steaming Activity	X	 X	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: LILIA G. TANSINSIN **Noted by:** _____