Republic of the Philippines
Department of Science and Technology
PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY
PHIVOLCS Bldg., C.P. Garcia Ave., University of the Philippines Campus, Diliman, Quezon City
Tels. 426-1468 to 79; 928-2230; 926-7749; 926-9338
Fax: 929-8961; 926-3225

MAYON VOLCANO BULLETIN

STATUS: ALERT LEVEL 3 RELEASED: 19 Feb. 2000; 7:00 A.M.

MONITORED PARAMETERS	OBSERVATIONS DURING THE PAST 24 HOURS		PREVIOUS WEEK
Seismicity	**Last Reading** One (1) low frequency and four (4) high frequency volcanic quakes	**Previous Reading** Two (2) high frequency short duration harmonic tremor	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	2,840 tonnes/day	11,170 tonnes/day (Feb. 17)	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	Obscured	Visible, no glow Observed	No glow observed
Steaming Activity	Obscured	**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 marked increase in $S0_2$ flux output to 11,170 t/d indicates continuous ascent and active degassing of magma below the lava pile.
- Sudden phreatic explosions may still occur.

Issued by: Nora R. Campita **Noted by:**_____