

MANILA OBSERVATORY
Mirador, Baguio City
Philippines

MONTHLY SEISMOLOGICAL BULLETIN

Lat. N. $16^{\circ} 24' 39''$

Long. E $120^{\circ} 34' 47''$

Alt. 1507 meters

Instruments (All Sprengnethers)

Hard Limestone Bedrock

<u>Type</u>	<u>Component</u>	<u>Period</u>		<u>Magnification (Dynamic)</u>	
		<u>Seism.</u>	<u>Galv.</u>	<u>Synchronous</u>	
Photographic	Z	1.41 sec	1.37 sec	Circa 3367	
	E-W	10.90 "	11.70 "	2000	
	N-S	1.84 "	1.67 "	2451	
Photoelectric	N-S	11.80 "	12.00 "	1000	
Visual recording	E-W	1.54 "	1.49 "	3000	

JANUARY 1959

<u>Date</u>	<u>Time (GMT)</u>	<u>Phase</u>	<u>Remarks</u>
1	No quakes recorded.		
1)	2	13 - 58 - 40	ePb } Very small. $\Delta b = 470$ Km.
		59 - 33	
2)		21 - 31 - 42	ePg } Very small. $\Delta g = 35$ Km.
		46	
3)	3	22 - 23 - 32	iPg } Very small. $\Delta g = 100$ Km. Felt in
		44	
4)	4	03 - 22 - 30	eP Distant.
5)		21 - 14 - 12	iP Very small.
6)	5	09 - 36 - 41	iP Distant.
7)		13 - 57 - 34	ePb } Very small. $\Delta b = 155$ Km.
		52	
8)	6	23 - 50 - 06	iPb } Very small. $\Delta b = 165$ Km.
		25	
9)	7	09 - 12 - 25	iPg } Very small. $\Delta g = 35$ Km. Felt in Bag-
		29	
			uio, Int. III at Mirador. Operated
			starting pendulum of strong motion
			seismograph. No record made.
10)		09 - 58 - 18	eP Very small.
11)		10 - 08 - 44	iPg } Very small. $\Delta g = 35$ Km.
		48	
12)		11 - 45 - 22	ePb } Very small. $\Delta b = 283$ Km.
		54	
13)		15 - 12 - 18	ePg } Very small. $\Delta g = 75$ Km.
		27	
14)	8	01 - 53 - 28	iP Very small.
15)		22 - 41 - 55	eP } Distant. $\Delta = 3090$ Km. = 27.8° .
		46 - 45	