

## SEISMOLOGICAL BULLETIN FOR 1928

JANUARY, 1928

## EARTHQUAKES FELT IN THE PHILIPPINES

5, 13<sup>h</sup> 59<sup>m</sup> 20<sup>s</sup>\* [5, 21<sup>h</sup> 59<sup>m</sup> 20<sup>s</sup>]. Surigao (NE Mindanao). Light shock, intensity II-III. Distant origin in the Pacific ESE of Mindanao. Recorded in the Far East and Europe.

6, 4<sup>h</sup> 10<sup>m</sup> 14<sup>s</sup>\* [6, 12<sup>h</sup> 10<sup>m</sup> 14<sup>s</sup>]. SE Mindanao. Earthquake shock felt with intensity III, in the Provinces of Davao and Agusan. Origin in the Pacific near parallel 6° N and meridian 127° E. Recorded in the Far East. At Butuan, Agusan, a light shock was felt at 9<sup>h</sup> 30<sup>m</sup> [17<sup>h</sup> 30<sup>m</sup>], but every likely it was of local origin not an aftershock.

7, 1<sup>h</sup> 43<sup>m</sup> 41<sup>s</sup>\* [7, 9<sup>h</sup> 43<sup>m</sup> 41<sup>s</sup>]. SE Luzon. Earthquake felt with intensity III-IV in Catanduanes Island and through the Provinces of Albay and N Sorsogon. Origin to the east in the Pacific at about 13.5° N and 125° E.

8, 2<sup>h</sup> 05<sup>m</sup> 34<sup>s</sup>\* [8, 10<sup>h</sup> 05<sup>m</sup> 34<sup>s</sup>]. SE Luzon and N Samar. Earthquake felt with intensity IV in Catanduanes and N Samar Islands and III in the provinces of Albay and Sorsogon. Origin the same of the preceding shock. Recorded at Hongkong. A very slight aftershock was noticed at 3<sup>h</sup> 09<sup>m</sup> 33<sup>s</sup> [11<sup>h</sup> 09<sup>m</sup> 33<sup>s</sup>]\* in Catanduanes and Albay.

12, 10<sup>h</sup> 33<sup>m</sup> [12, 18<sup>h</sup> 33<sup>m</sup>]. Surigao (NE Mindanao). Light local shock, intensity III.

18, 18<sup>h</sup> 56<sup>m</sup> [19, 2<sup>h</sup> 56<sup>m</sup>]. Surigao (NE Mindanao). Earthquake felt with intensity III.

20, 18<sup>h</sup> 36<sup>m</sup> 08<sup>s</sup>\* [21, 2<sup>h</sup> 36<sup>m</sup> 08<sup>s</sup>]. West of Luzon. Earthquake felt with intensity III-IV along the coast and mountain of Zambales. Origin in the China Sea at about 15.5° N and 119.4° E.

24, 2<sup>h</sup> 00<sup>m</sup> [24, 10<sup>h</sup> 00<sup>m</sup>]. Legaspi, Albay (SE Luzon). Local shock of intensity III.

27, 3<sup>h</sup> 40<sup>m</sup> [27, 11<sup>h</sup> 40<sup>m</sup>]. Sinait, Ilocos Sur (NW Luzon). Light shock of intensity II-III.

30, 11<sup>h</sup> 54<sup>m</sup> [30, 19<sup>h</sup> 54<sup>m</sup>]. Ormoc (W Leyte). Light local shock of intensity III.

31, 0<sup>h</sup> 24<sup>m</sup> [31, 8<sup>h</sup> 24<sup>m</sup>]. Calbayog (NW Samar). Light shock of intensity III.

## RECORDS OF THE MICROSEISMOGRAPH

[Time: Greenwich mean: Midnight=0<sup>h</sup>. Instrument: Wiechert seismograph; 1,000 kilograms.  $A_N: T_0 = 6.58, \epsilon = 2.288, \frac{r}{T_0^2} = 0.039$ ,  $V = 198$ ;  $A_E: T_0 = 7.77, \epsilon = 1.487, \frac{r}{T_0^2} = 0.049, V = 198$ . Alluvium. 2.40 meters above sea level]

No.	Date	Character	Phase	Hour	Period	Amplitude		Remarks
						$A_N$ $\mu$	$A_E$ $\mu$	
1	1	Iv	iPE iLE F	h. m. s. 9 35 51 9 36 36 9 43	s.			
2	1	Ir	ePE LE? F	18 51 00 18 57 57 19 11				
3	4	Ir	ePN iSN iLN M <sub>N1</sub> M <sub>N2</sub> F	21 31 54 21 36 44 21 39 35 21 40 51 21 44 47 22 59	12 10	12 16		
4	5	Ir	ePNE iLE iLN F	13 59 20 14 01 30 14 01 39 14 18				Pacific.

