MANILA OBSERVATORY
Mirador, Baguio City
Philippines

Lat. N. 16° 24' 39" Long. E. 120° 34' 47" Alt. 1507 m.

Instruments (All Sprengnethers) Hard Limestone Bedrock

Period of Seism. and Galv.	Component	Type of Amplifier
14 sec	E-W	Photographic
1½ sec	N-S	Photographic
2 sec	Z	Photographic
2 sec	E-W	Photoelectric, Visual recording, U.S. Coast & Geodetic Survey type
14 sec	N-S	Photoelectric, Visual recording, U.S. Coast & Geodetic Survey type

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JULY 1952

Date	Time (GMT)	Phase	Remarks
1	1 - 19 - 53	iP	Δ = 160 Km. ± small quake, data approx.
	20 - 16	iS?	
	2 - 30 - 30	iP	Δ = 139 Km. ± small quake, data approx.
	47	iS	
	3 - 30 - 47	iP	Δ = 129 Km. ± small quake, data approx.
	31 - 03	iS	
	23 - 03 - 40	iS?	P very uncertain, probably 2 min. earlier. Small quake.
2	7 - 22 - 25	iP	Δ = 169 Km. Small quake, data uncertain.
	22 - 45	iS	
	7 - 33 - 00	iP	Δ = 139 Km. Small quake, data uncertain.
	33 - 17	iS	
	5 - 57 - 54	iS	P too small to measure. Very small quake.
	16 - 7 - 36	iS	P very small, probably 7 - 19. Hence Δ = 139 Km.
3	4 - 42 - 56±	iP	Δ = 928 Km. P too small to permit finding of direction.
	44 - 33±	iS	
	8 - 53 - 05	iP	Δ = 178 Km. P too small to permit direction finding.
	- 26	iS	
	11 - 59 - 59	iP	Δ = 100 Km. Some indications of compression wave from SE±. Small quake.
	12 - 00 - 12	iS	
	23 - 32 - 55	iP	(a) Seems apparently double quake. Local, intensity I. Small, since Δ = 41 Km.
	33 - 00	iS	
	23 - 33 - 23	iP±	(b) NB. at 15h - 18h GMT remarkable rise & dying down of microseisms on ZSP & EWSP
	- 28	iS	