

MANILA OBSERVATORY
Mirador, Baguio City
Philippines

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

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

Alt. 1507 meters

Instruments (All Sprengnethers)

Hard Limestone Bedrock

Type	Component	Period		Magnification (Dynamic)		
		Seism.	Galv.	Maximum	Synchronous	
Photographic	Z	1.4 sec	1.384 sec	Circa 2167	1540	
	E-W	10.5	10.7	2282	1755	
	N-S	1.91	1.39	3000	2500	
Photoelectric, Visually recording	E-W	1.43	1.65	3000	Very rough average Magn. depends both on ampl. & period.	
	N-S	11.2	12.2	8000		

JANUARY 1954

Date	Time (GMT)	Phase	Remarks
1)	1 10 - 49 - 28	iPn	Small. P cresc. $\Delta n = 365^{\pm}$ Km.
	- 50 - 08	iSn	
2)	13 - 09 - 43	iP	Small. S very difficult. $\Delta b = 317^{\pm}$ Km. or $\Delta = 2635^{\pm}$ Km., deep focus?
	- 10 - 19	iS	
	or 14 - 40 $^{\pm}$		
3)	13 - 20 - 36	iPb	Very small. S indeterminate.
4)	18 - 37 - 29	iPb	Small. $\Delta b = 444^{\pm}$ Km.
	- 38 - 20 $^{\pm}$	iSb	
5)	2 07 - 04 - 13	iPb	Small to medium. Dilat. $\Delta b = 308^{\pm}$ Km.
	- 48 $^{\pm}$	iSb	
6)	(17) 09 - 25 - 26	iPb	Small. Compr. $\Delta b = 174^{\pm}$ Km.
	- 46 $^{\pm}$	iSb	
7)	3 06 - 54 - 47 $^{\pm}$	iPb	Very small. $\Delta b = 183^{\pm}$ Km.
	55 - 08	iSb	
8)	4 09 - 11 - 52 $^{\pm}$	ePb	Very small. $\Delta b = 158^{\pm}$ Km.
	- 12 - 10	iSb	
9)	09 - 39 - 47 $^{\pm}$	ePb	Very small. $\Delta b = 165^{\pm}$ Km.
	- 40 - 06	iSb	
10)	5 00 - 56 - 46	iPb	Very small. $\Delta b = 165^{\pm}$ Km.
	- 57 - 05 $^{\pm}$	iSb	
11)	03 - 02 - 46 $^{\pm}$	iPb	Very small. $\Delta b = 129^{\pm}$ Km.
	- 03 - 01	iSb	
12)	04 - 02 - 08	iPb	Small. Dilat. $\Delta b = 210^{\pm}$ Km.
	- 32 $^{\pm}$	iSb	
13)	04 - 05 - 10 $^{\pm}$	i	Very small. Nearby. S indeterminate.
14)	06 - 28 - 28	ePb $^{\pm}$	Very small. $\Delta b = 156^{\pm}$ Km.
	- 46	iSb	