FORDHAM UNIVERSITY, NEW YORK CITY

Monthly Seismological Report

Latitude, 40° 51′ 47″ N. **Longitude,** 73° 53′ 08″ W. **Elevation above sea,** 26 meters.

Time: Mean Greenwich, midnight to midnight.

Instruments: { Milne-Shaw, Photographic. / Wiechert horizontal, 80 kg. **Foundation:** { Milne-Shaw pier, Stockbridge Dolomite. / Wiechert pier, Fordham Gneiss.

INSTRUMENTAL CONSTANTS

INSTRUMENT	PERIOD T_o	MAGNIFICATION V	DAMPING RATIO ε	SENSITIVITY 1″ ARC TILT	PAPER SPEED
Milne-Shaw					
N - S	14	250	aperodic	= 58	8 mm. per min.
E - W					8 mm. per min.
Wiechert					
N - S	6.3	81.4	7.5 : 1		13 mm. per min.
E - W	6.2	65.5	16 : 1		13 mm. per min.

From Dec 1,1925 *to* Dec 31, 1925 *No.*

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE A_E μ	AMPLITUDE A_N μ	DISTANCE km.	REMARKS
25-59	Dec.6	e	16,26,22					
		i	30,19					
		M_1	30,43	7		small		
		M_2	31,49	12		"		
		M_3	33,22	8				
		F	44,52					
25-60	Dec.10	0	14,14,40					
		eP	14,21,15					3425 Micros render time of P doubtful
		i	22,08					
		iS	26,16					
		L	32,37					
		M_1	35,17	17		535		
		M_2	37,08	14		224		
		M_3	40,30	14		100		
		decreasing maxima till 15,19,30						
		F	16,29		record changed.			
25-61	Dec.11	eL	01,39,46					
		M	47,12					Irregular micros of 3 to 4 mm. trace amp. cover entire record.
		M_1	48,14	19		52		
		M_2	49,50	12				
		F	Lost in micros					
25-62	Dec.19	eL	16,46,50					
		M	49,46					early phases again entirel lost in micro storm.
		M_1	51,54	20		47		
		M_2	55,29	20		19		
		Ca	17,06,50					
	Dec. 24	Unusual micro. storm Period: 3 & 9 sec. Amp: 2 to 2.6 mm						
	25	"			"			
	26							

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