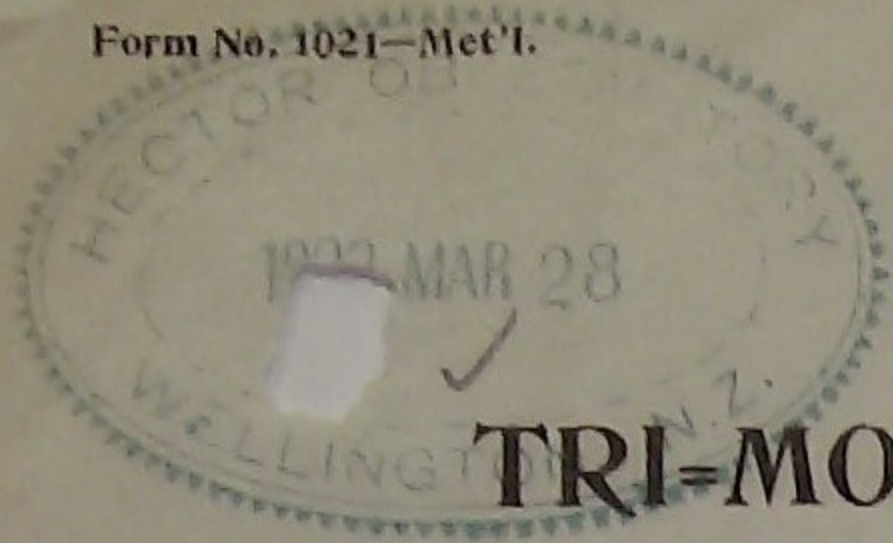


U. S. DEPARTMENT OF AGRICULTURE,  
WEATHER BUREAU.



TRI-MONTHLY SEISMOLOGICAL REPORT.

Station, Cornell University New York Ending midnight Jan. 31<sup>st</sup>, 1922

Time: Mean Greenwich, midnight to midnight. Nomenclature: Göttingen.

Latitude of station 40° 51' 47" N Longitude 73° 53' 8" W Elevation above sea 78.3 feet.

Date.	Char.	Phase.	Time. h. m. s.	Period T sec.	Amplitude.		Remarks.
					A <sub>e</sub>	A <sub>n</sub>	
6 <sup>th</sup>		E <sub>E</sub>	14.28.4				
		L <sub>E</sub>	14.50. Ca				
9 <sup>th</sup>		E <sub>E</sub> P?	6.15.37				
		M <sub>E</sub>	6.22. Ca				
21 <sup>st</sup>		L	16.24. —				Long waves of small amplitude
31 <sup>st</sup>		P <sub>N</sub>	13.24.56				
		P <sub>E</sub>	13.24.50				
		S <sub>N</sub>	13.30.47				
		S <sub>E</sub>	13.30.44				
		L <sub>N</sub>	13.37. Ca				Clock marks obscured.
		L <sub>E</sub>	13.37. Ca				
		M	13.41. Ca	*23,360			Distance 4300 Km.
				* Trace amplitude			

Period of pendulum :

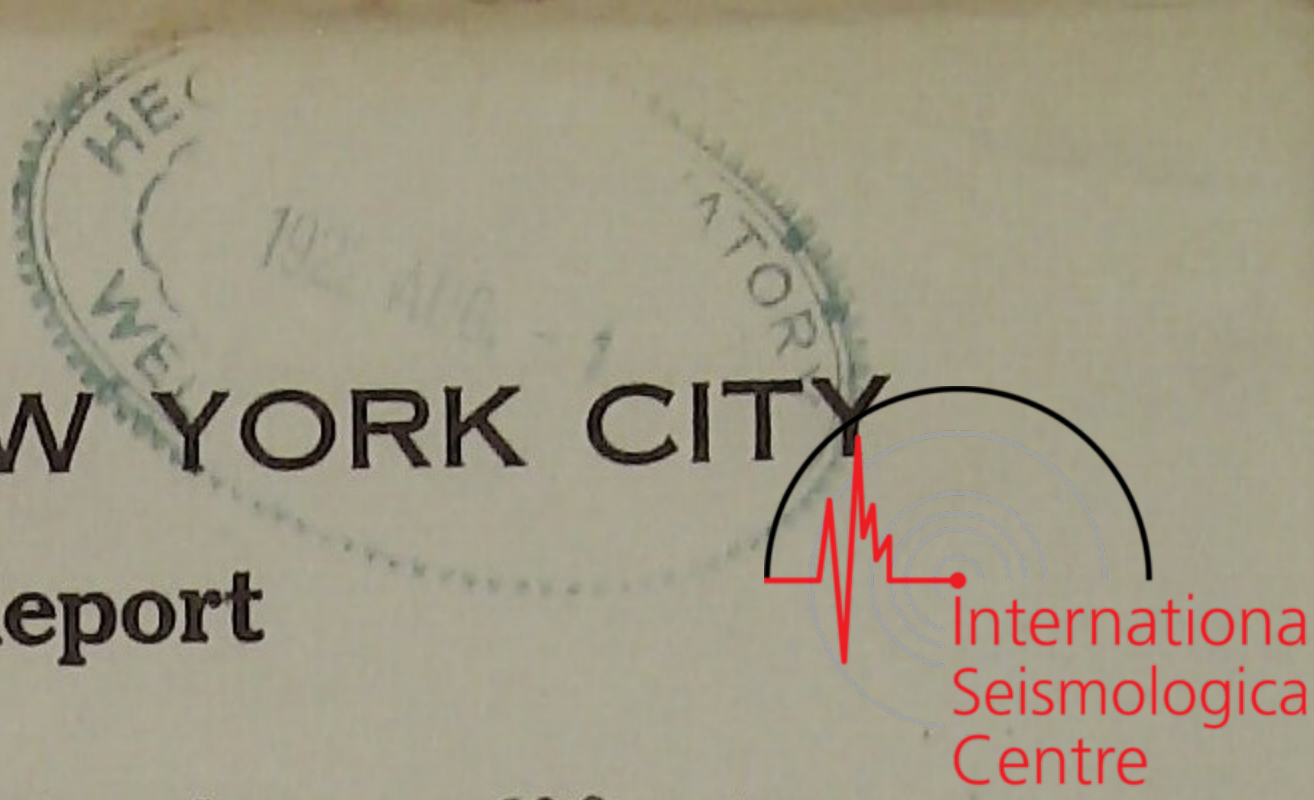
N.S. 3.5

E.W. 5.6

*John Jos. Lynch Sp.*  
Special Meteorological Observer.

# YORDDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report



Latitude 40° 51' 47" N. Longitude 73° 53' 08" W. Elevation above sea 23.9 metres

Time: Mean Greenwich, midnight to midnight. Nomenclature: Göttingen

Instrument: Wiechert horizontal, 80 kg. Foundation: Stockbridge Dolomite (Silurian)

From Feb. 1st 1922 to June 21st 1922 No. ....

No.	DATE	PHASE	TIME h. m. s.	PERIOD	AMPLITUDE		DISTANCE	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
	Feb. 16	P <sub>N</sub> S <sub>N</sub> M	3.20.14. 3.26.16. 3.34.ca.					Obscured by micros.
	Mar. 4	ε P <sub>N</sub> ε P <sub>E</sub> ε S <sub>N</sub> ε S <sub>E</sub> ε L <sub>E</sub>	13.20.01 13.20.01 13.28.37 13.28.35 13.38.47				7100 Km.	
	10	ε P <sub>E</sub> ? ε P <sub>N</sub> ? ε S <sub>N</sub> ? ε L <sub>E</sub> ?	11.37.54 11.37.56 11.40.58 11.43.05					Obscured by micros.
	28	ε P <sub>N</sub> ε P <sub>E</sub> ε S <sub>N</sub> ε S <sub>E</sub> ε L <sub>E</sub>	4.08.09 4.08.09 4.16.23 4.16.23 4.23.18				6800 Km.	
	May 12	P <sub>E</sub> S <sub>E</sub> L <sub>E</sub>	19.25.11 19.30.35 19.41 ca.					Clock correction uncertain. Preliminaries obscured by heavy locals/
	June 12	ε P <sub>E</sub> ε S <sub>E</sub> ε S <sub>N</sub> L <sub>E</sub> M <sub>E</sub>	4.54.17 4.59.48 4.59.48 5.04.ca. 5.07 ca.				3900 Km.	Preliminaries obscured by locals.
		P <sub>N</sub> ? P <sub>E</sub> ? L <sub>N</sub>	11.55.17 11.55.22 12.02 ca.					
	16	e <sub>E</sub> e <sub>N</sub> L <sub>E</sub>	21.15.36 21.15.36 21.17 ca.					Clock out of order during April.

*Joseph Lynch*