

**Fordham University**  
New York, N. Y.

**ANNOUNCEMENT.**

The new series of reports from this station begins with January 1929. The old series ended with December 1927, when the work at the station was suspended until the completion of a new vault and the installation of additional instruments. Operations were resumed January 13th 1928, in a temporary location which was occupied until ca June 15th 1928, when the new vault was ready for occupancy. Operations in the new vault began in July 1928, with the setting to work of the two Milne-Shaws and three new Galitzin-Wilip Seismographs. A description of the station will be found in the May 1928 issue of 'Instruments' published at Pittsburgh Pa., U.S.A. A description of the Galitzin Wilip instruments will be found in the March 1929 issue of the same journal.

FORDHAM UNIVERSITY

MONTHLY REPORT

JANUARY - FEBRUARY  
1929

Jan.				Feb.			
2901	13	iP	00 15 08	2907	8	eP	02 15 44
		i	18 08			eS	21 45
		i	19 08			L	23 23
		i	20 23			M	24 26
		i	21 53			F	44 -
		i	22 00				
		iS	24 53	2908	10	eP	03 44 20
		i	25 06			S	48 46
		L	28 53			L	51 16
		e	30 46			M	52 43
		M	43 00				
		F	03 40 -	2909	10	eP	15 46 16
						S	51 39
2902	17	iP	11 48 34			L	55 24
		iS	53 34			M	58 32
		L	55 -	2910	13	eP	22 24 52
						S	29 18
2903	19	iP	02 21 30			L	31 14
		iS	26 45			M	32 24
		L	32 54			F	23 05 -
2904	21	iP	10 44 35	2911	15	eP	08 09 15
		S <sub>E</sub>	48 56			S	13 59
		S <sub>N</sub>	49 24			L	18 43
		e	50 40			M	21 52
		L	53 -				
				2912	22	eP	20 57 16
2905	24	eP	23 43 08			S	21 03 20
		iS	48 22			L	06 27
		L	50 21			M	08 24
		M	52 13			F	22 30 -
		F	01 04 -				
				2913	26	eP	09 16 16
2906	31	eP	18 14 12			eS	25 34
		e	19 08			M	32 08
		e	19 50			F	10 40 -
		L	22 36				
		M	23 42				
		F	34 -				

Fordham University

MONTHLY REPORT

MARCH  
1929

Station No.	Date	Time	Hour	Min	Sec	Station No.	Date	Time	Hour	Min	Sec
2914	Mar. 1	eP	07	44	00	2923	Mar. 21	eP	02	43	22
		S		46	41			eS	47	29	
		S <sup>N</sup>		47	15			e	48	37	
		Sr <sup>E</sup>		48	57			e	52	14	
		Sr <sup>LN</sup>		49	30			L <sup>N</sup>	53	22	
L <sup>LE</sup>		49	44	L <sup>E</sup>	54	44					
M		56	10	M <sup>E</sup>	03	00	59				
						M <sup>E</sup>	03	44			
						F <sup>N</sup>	32	29			
2915	1	e	09	11	11						
		eL		19	19						
2916	9	e	03	02	14	2924	23	e	12	01	53
		S		09	25			eL	04	15	
		L		12	30			F	13	40	
		M		14	40						
2917	9	e	11	30	49	2925	27	e	21	02	28
		e <sup>E</sup>		31	02			L	17	21	
		e <sup>S</sup>		47	25			L	21	58	
		e <sup>N</sup>		53	07			F	25	43	
		e <sup>E</sup>		53	56						
		L		58	10						
		M		58	26						
F	13	17	--								
2918	11	e	21	20	-						
2919	12	e	12	41	00	2926	28	e	03	30	14
		e		42	20			L	31	10	
		e		44	33			F	55	40	
2920	15	e	18	07	01	2927	30	e	16	35	10
		L		08	12			L	43	31	
		M		09	39						
2921	19	e	09	42	24						
		L <sup>N</sup>		43	47						
		e		43	54						
		M <sup>E</sup>		45	17						
		M <sup>N</sup>		45	58						
		F	10	00	00						
2922	19	e	20	55	36						
		e	21	02	14						
		e		06	00						
		M		08	43						

FORDHAM UNIVERSITY

MONTHLY REPORT

APRIL - MAY  
1929

Apr.			May				
2928	6	e eL	01 34 38 38 43	2941	1	iP i e e e 13N e e e e e e L M N M Z	15 50 40 53 14 16 00 25 01 10 01 28 01 51 03 40 04 17 04 40 06 47 07 47 08 55 10 47 14 25 21 00 31 00
2929	6	eL	04 17 10				
2930	6	e eL	05 11 10 21 -				
2931	7	e e e eL M	19 39 04 40 19 43 14 49 54 53 00				
2932	9	e	02 55 44				
2933	9	e	04 13 00	2942	1	e	22 18 34
2934	13	e	07 41 50	2943	2	e F	14 15 17 30 00
2935	20	e no	20 - - time marks	2944	7	L	17 44 59
2936	21	e eL	12 50 03 51 18	2945	12	e e e e e eL M	09 44 01 46 38 50 08 51 48 53 00 54 10 56 03
2937	23	e	00 48 40	2946	17	e eL	00 16 45 22 00
2938	23	e eL	14 05 18 07 05	2947	18	i L L M	07 00 44 11 56 18 46 20 36
2939	27	e e eL M F	11 46 27 49 27 56 27 58 37 12 57 00				
2940	27	eL eL	22 04 27 20 25				

FORDHAM UNIVERSITY

MONTHLY REPORT

MAY  
1929

2948	May 20	iP eS eL	05 03 42 12 30 32 00	2952	May 28	e e e eL M	00 03 38 07 00 09 16 12 30 15 00
2949	21	e e eL M F	16 53 31 17 00 28 27 29 40 11 18 15 14	2953	29	eL	14 05 30
2950	24	e e e eL M	12 06 30 11 06 17 08 18 06 20 39	2954	30	iP <sub>E</sub> e e e e iS i e e e eL M F	09 55 30 55 57 57 57 59 51 59 59 10 04 58 05 40 07 20 13 15 15 13 18 15 29 20 13 48 -
2951	26	ePZ i i i i iS iL	22 47 30 49 31 50 23 51 01 53 43 53 47 23 00 00				

# 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 $T_0$	MAGNIFICATION $V$	DAMPING RATIO $\epsilon$	SENSITIVITY 1" ARC TILT	PAPER SPEED
Milne-Shaw					
N - S				=	8 mm. per min.
E - W					8 mm. per min.
Wiechert					
N - S					13 mm. per min.
E - W					13 mm. per min.

From June 1, 1929 to June 9, 1929. No. 1

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					$A_E$	$A_N$		
					$\mu$	$\mu$		
	June 2	eNE	21 56 00					
		iN	22 02 00					
		eLN	22 04 00					
	June 6	e	11 04 00					
		eLE	11 10 00					
		M	11 22 00					
	June 7	eLE	17 52 00					
		F	18 28 00					
	June 9	eNE	8 28 35					
		LN	8 34 00					
		M	8 32 30					

# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From June 9, 1929 to June 13, 1929 No. 2

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
	June 9	eNE	9 30 50		μ	μ		
		eLE	9 36 00					
		ME	9 57 00					
		MN	10 02 00					
	June 11	eN	0 48 05					
		eLN	1 20 00					
		M	1 25 00					
		M	1 27 00					
		M	1 29 00					
	June 12	eP	0 34 46					
		iP	0 35 12					
		e	0 35 39					
		e	0 37 12					
		S	0 48 36					
		e	0 51 38					
		M	1 01 40					
	June 13	iP	9 45 44					
		i	9 46 59					
		i	9 52 59					
		i	9 55 59					
		L	9 57 29					
		e	9 59 44					
		M	10 03 11					
		M	10 04 29					
		M	10 18 55					
	June 13	eLN	20 13 00					
		M	21 02 00					
		F	21 40 00					

# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

June 13, 1929

June 17, 1929.

3

From..... to..... No.....

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS	
					A <sub>E</sub>	A <sub>N</sub>			
	June 13	e <sub>N</sub>	23 21 00		μ	μ			
		e <sub>NE</sub>	23 38 30						
		e <sub>INE</sub>	24 08 00						
		M	24 21 00						
	June 16	e	22 29 †				11344		
		e	22 45 +						
		e <sub>PN</sub>	23 05 25						
		i <sub>PZ</sub>	23 06 43						
		i <sub>PE</sub>	23 06 48						
		i <sub>E</sub>	23 06 54						
		i <sub>N</sub>	23 09 05						
		i <sub>NE</sub>	23 09 12						
		i <sub>E</sub>	23 09 27						
		i <sub>N</sub>	23 10 41						
		e <sub>N</sub>	23 16 02						
		i <sub>NE</sub>	23 21 12						
		i <sub>NE</sub>	23 26 49						
		i <sub>N</sub>	23 30 53						
		L <sub>NE</sub>	23 43 12						
		L <sub>N</sub>	23 44 46						
		M	23 53 00						
	June 17	e <sub>Z</sub>	10 35 50						
		e <sub>L</sub>	10 36 00						
		M <sub>Z</sub>	10 38 00						
		F	11 07 00						
	June 17	e <sub>E</sub>	23 43 25						
		e <sub>LE</sub>	23 58 55						
		M <sub>E</sub>	24 03 †						



# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From June 19, 1929

to June 26, 1929

No. 4

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
	June 19	e <sub>E</sub>	8 09 00		μ	μ		
		eL <sub>E</sub>	8 39 00					
		M <sub>N</sub>	8 51 00					
		M <sub>N</sub>	8 58 00					
		M <sub>E</sub>	8 59 30					
	June 20	L to F	12 35 00 12 42 00					
	June 22	e <sub>Z</sub>	15 48 00					
		eL <sub>Z</sub>	15 51 45					
	June 22	e <sub>N</sub>	16 01 30					
		e <sub>E</sub>	16 02 00					
		eL <sub>NE</sub>	16 35 30					
		M	16 40 00					
		F	17 58 00					
	June 22	eL <sub>N</sub>	19 41 00					
		F	20 30 00					
	June 23	L	4 02 30					
		F	4 09 00					
	June 23	L	6 56 15					
		F	7 12 00					
	June 23	L	22 57 00					
		M	23 05 00					
	June 26	e <sub>N</sub>	6 50 00					
		eL <sub>NE</sub>	7 04 30					
		M	7 07 00					



# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From June 27, 1929 to June 30, 1929 No. 5

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
	June 27	e <sub>P</sub>	13 01 16		μ	μ	Records changed during quake.	
		i <sub>S</sub>	13 05 15					
		i <sub>E</sub>	13 08 00					
		i <sub>E</sub>	13 20 06					
		M	13 49 00					
		F	17 37 00					
	June 30	e <sub>N</sub>	3 06 20					
		e <sub>E</sub>	3 23 30					
		e <sub>N</sub>	3 40 00					
		e <sub>E</sub>	3 43 05					
		M <sub>N</sub>	4 02 00					
		M <sub>E</sub>	4 05 00					

# 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.  
 Galitzin, N-E-Z.

Foundation: { Milne-Shaw pier, Stockbridge Dolomite.  
 { Wiechert pier, Fordham Gneiss.

### INSTRUMENTAL CONSTANTS

INSTRUMENT	PERIOD $T_0$	MAGNIFICATION $V$	DAMPING RATIO $\epsilon$	SENSITIVITY 1" ARC TILT	PAPER SPEED
Milne-Shaw				=	
N - S					8 mm. per min.
E - W					8 mm. per min.
Wiechert					
N - S					13 mm. per min.
E - W					13 mm. per min.

From July 1, 1929 to July 5, 1929 No. 1

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					$A_E$ $\mu$	$A_N$ $\mu$		
	July 3	eL <sub>E</sub>	20 03 52					
		F	20 07 00					
	July 4	eP <sub>NE</sub>	4 38 55					
		eP <sub>Z</sub>	4 38 50					
		S <sub>NEZ</sub>	4 45 55					
		eL <sub>N</sub>	4 48 00					
		eL <sub>E</sub>	4 50 00					
		eL <sub>Z</sub>	4 50 30					
		M <sub>NEZ</sub>	4 54 00					
	July 5	eP <sub>NEZ</sub>	14 30 12					
		eS <sub>E</sub>	14 39 00					
		iS <sub>N</sub>	14 39 05					
		eL <sub>NE</sub>	14 49 00					
		M	14 58 00					
	July 5	eP <sub>NEZ</sub>	22 47 24					
		eS <sub>Z</sub>	22 56 15					



# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From July 5, 1929 to July 12, 1929 No. 2

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
		iS <sub>NE</sub>	22 56 20		μ	μ		
		eL <sub>NEZ</sub>	23 10 05					
		M	23 20 00					
	July 5	eP <sub>E</sub>	2 14 58					
		1 P <sub>NZ</sub>	2 14 58					
		iS <sub>EZ</sub>	2 23 37					
		iS <sub>N</sub>	2 24 00					
		eL <sub>NE</sub>	2 35 00					
		M <sub>N</sub>	2 43 00					
		M <sub>E</sub>	2 46 00					
	July 6	iP	9 53 45					Readings for this quake are only approximate due to the failure of the time-recording mechanism.
		PR <sub>1</sub>	9 55 00					
		iS	9 59 15					
		M	10 07 00					
	July 7	iP <sub>NZ</sub>	21 34 08					
		iS <sub>NZ</sub>	21 43 00					
		L <sub>N</sub>	21 54 00					
		M	22 02 00					
	July 8	eP <sub>NE</sub>	17 04 20					
		L <sub>NEZ</sub>	17 06 20					
		M	17 08 00					
	July 11	e	21 17 00					
		L	21 32 00					
		M	21 35 00					
	July 12	e <sub>NE</sub>	16 14 02					
		M	16 20 00					
		M <sub>Z</sub>	16 25 00					



# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From July 13 1929

to July 18 1929.

No. 3

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS	
					A <sub>E</sub>	A <sub>N</sub>			
	July 13	e <sub>Z</sub>	15 10 00		μ	μ			
		e <sub>N</sub>	15 12 12						
		M <sub>Z</sub>	15 13 00						
		M <sub>N</sub>	15 27 00						
	July 14	e <sub>NZ</sub>	9 10 16						
	July 14	eP <sub>NEZ</sub>	9 49 01						
		iS <sub>NEZ</sub>	9 59 03						
		M <sub>E</sub>	10 25 00						
		M <sub>N</sub>	10 28 00						
	July 17	eP <sub>NE</sub>	8 49 01						
		iS <sub>NE</sub>	8 57 56						
		eL <sub>E?</sub>	9 08 31						
		eL <sub>N</sub>	9 09 46						
		M <sub>E</sub>	9 17 00						
		M <sub>N</sub>	9 20 00						
		F	11 30 00						
	July 17	e <sub>N</sub>	20 48 00						
		eL <sub>NE</sub>	20 53 30						
	July 18	eL <sub>NEZ</sub>	7 03 15						
		M <sub>Z</sub>	7 05 00						
		M <sub>N</sub>	7 06 30						
		M <sub>E</sub>	7 07 30						
	July 18	L	17 34 00						
		F	18 11 00						
	July 18	eP	18 50 18	(approximate because of microseisms.)					
		eS	18 56 19						

# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From July 18, 1929 ..... to August 14, 1929 ..... No. 4

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
					μ	μ		
		eL <sub>NEZ</sub>	19 01 00					
		M	19 05 00					
		M <sub>2E</sub>	19 08 00					
	July 30	eP <sub>Z</sub>	7 50 04					
		eS <sub>EZ?</sub>	7 55 06					
		eL <sub>Z</sub>	7 58 00					
		M	8 00 00					
		M	8 03 30					
	Aug. 3	eL <sub>E</sub>	15 57 25					
		M	16 08 00					
	Aug. 3	e <sub>E</sub>	19 03 00					
		e	19 14 00					
		eL	19 19 10					
		M	19 22 00					
	Aug. 8	eP <sub>N</sub>	13 17 26					
		PR <sub>1</sub>	13 22 58					
		eS	13 25 55					
		eL <sub>E</sub>	13 52 05					
		L <sub>N</sub>	13 53 03					
		M <sub>E</sub>	13 57 38					
		M <sub>N</sub>	14 07 00					
		M <sub>2N</sub>	14 16 25					
	Aug. 12	i	11 26 35					Nearby shock felt in surrounding states.
		M	11 27 00					
	Aug. 14	e <sub>Z</sub>	14 46 00					
		L	14 53 00					

# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From August 14, 1929 to August 19, 1929. No. 5

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
	Aug 14	eP <sub>Z</sub> ?	19 07 24		μ	μ		
		eP <sub>NE</sub>	19 08 25					
		iS <sub>NE</sub>	19 13 10					
		eL	19 21 20					
		M	19 24 00					
		M <sub>Z</sub>	19 29 00					
	Aug 15	iP	20 03 26					
		iS	20 09 08					
		eL <sub>E</sub>	20 11 33					
		L <sub>NZ</sub>	20 13 53					
		M <sub>E</sub>	20 13 53					
		M	20 18 00					
	Aug 17	eP	23 47 19					
		iS	23 52 51					
		eL <sub>E</sub>	23 56 00					
		M	00 05 00					
	Aug 17	L	21 54 00					
		F	22 14 00					
	Aug 19	eP	3 02 40					
		PR <sub>1</sub>	3 08 30					
		iS	3 12 06					
		<b>L</b>	3 23 00					
		M	3 34 00					
	Aug 19	e <sub>E</sub>	18 04 14					
		eL <sub>E</sub>	18 10 10					
		M	18 14 00					
		F	18 23 00					

# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From August 19, 1929 to August 31, 1929 No. 6

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub>	A <sub>N</sub>		
					μ	μ		
	Aug 19	eL <sub>E</sub>	21 45 15					
		L <sub>E</sub>	21 49 00					
		M	21 56 00					
	Aug 20	eL <sub>E</sub>	17 04 10					
		L <sub>E</sub>	17 34 00					
		L <sub>E</sub>	17 40 00					
	Aug 20	iP <sub>Z</sub>	17 43 36					
		PR <sub>1</sub>	17 44 45					
		iS	17 48 50					
		eL <sub>N</sub>	17 52 00					
		L <sub>Z</sub>	17 52 45					
		M <sub>Z</sub>	17 59 00					
		M <sub>N</sub>	18 01 00					
	Aug 22	eL <sub>NE</sub>	8 43 10					
		L <sub>Z</sub>	8 44 00					
		F	9 18 00					
	Aug 22	e <sub>N</sub>	16 54 33					
		eL <sub>NE</sub>	17 06 00					
		M <sub>N</sub>	17 16 00					
		M <sub>E</sub>	17 17 00					





# FORDHAM UNIVERSITY, NEW YORK CITY

## Monthly Seismological Report

From September 1, 1929 to September 30, 1929 No. 7

No.	DATE	PHASE	TIME h. m. s.	PERIOD s	AMPLITUDE		DISTANCE km.	REMARKS
					A <sub>E</sub> μ	A <sub>N</sub> μ		
	Sept 8	e <sub>E</sub>	11 01 16	6.2				
		e <sub>Z</sub>	11 01 26					
		F	11 14 00					
	Sept 8	e <sub>EZ</sub>	14 16 49					
		F	14 29 00					
	Sept 17	i <sub>P</sub>	19 25 05	8.25			4520	
		PR <sub>1</sub>	19 26 53					
		i <sub>S</sub>	19 31 13					
		i <sub>NE</sub>	19 34 03					
		L	19 36 53					
		M <sub>NE</sub>	19 39 00					
		M <sub>2E</sub>	19 42 00					
		M <sub>2N</sub>	19 43 00					
	Sept 21	e <sub>NE</sub>	16 54 19					
		e <sub>Z</sub>	16 54 30					
	Sept 23	e <sub>N</sub>	16 27 27					
	Sept 24	e <sub>N</sub>	5 19 55					
	Sept 26	e <sub>N</sub>	15 48 03					
		eL <sub>NZ</sub>	15 54 28					
	Sept 27	eP?	23 23 20	6.6				
		eS?	23 28 28					
		L	23 33 54					
		M <sub>N</sub>	23 35 36					
		M <sub>Z</sub>	23 37 10					





OCTOBER 1, 1929 TO DECEMBER 18, 1929.

October 1, 1929

October 6, 1929

Oct.5	eG	3	53	50
	LZ	3	55	
	M	4	01	
	F	4	22	

Oct.5	1F <sub>ZN</sub>	17	11	53
	iS <sub>NE?</sub>	17	21	12
	i <sub>NE</sub>	17	26	03
	L <sub>E</sub>	17	29	43
	L <sub>N</sub>	17	41	03
	M <sub>R</sub>	17	41	30
	L <sub>Z</sub>	17	48	17
	M <sub>Z</sub>	17	54	

Clock correction uncertain

Oct.6	L	6	19	30
	F	6	28	

Oct.6	eP <sub>EZ</sub>	8	02	17
	i <sub>Z</sub>	8	05	37
	iS	8	12	17
	e	8	13	07
	L <sub>NE</sub>	8	24	52
	L <sub>Z</sub>	8	26	27
	M <sub>N</sub>	8	26	30
	M <sub>EZ</sub>	8	31	

Approximate - quake begins in hour space.

18

Oct.6	eL <sub>EZ</sub>	14	12	02
	M	14	14	40
	F	14	39	

October 7, 1929

November 8, 1929

Oct. 7 eL 16 05 07  
M 16 10  
F 16 34

Oct. 8 e<sub>2</sub> 17 35 41  
e<sub>E</sub> 17 41 25  
e 17 52 03  
LN 18 07 38  
LZ 18 12 28  
M<sub>1</sub> 18 17  
M<sub>2</sub> 18 21  
M<sub>2NE</sub> 18 23

Oct. 14 eNE 10 27 45  
e 10 37 52  
LNE 10 40 42  
M<sub>1</sub> 10 46  
M<sub>2</sub> 10 49  
F 11 45

Oct. 16 i<sub>E</sub> 21 26 12  
eL<sub>E</sub> 21 32  
M 21 35

Oct. 19 iP 10 23 20  
i 10 23 42  
iS 10 31 41  
i 10 32 40  
i<sub>E</sub> 10 34 07  
i 10 35 15  
L<sub>E</sub> 10 39 20  
M<sub>E</sub> 10 41  
M<sub>Z</sub> 10 51

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Oct. 20 iP<sub>Z</sub>? 16 17 43  
eS<sub>Z</sub>? 16 25 36  
e 16 29 16  
L 16 37 36  
M 16 41.5

Oct. 24 eL<sub>E</sub> 7 33 37  
F 8 00

Nov. 8 iS? 3 34 18  
i<sub>E</sub> 3 36 13  
L<sub>NE</sub> 3 37 16  
LN 3 40 33  
M 3 41

November 9, 1929

November 22, 1929



Nov. 9	P	1 49 01	
	i	1 56 18	
	i	1 59 54	
	i	2 01 06	
	L	2 06 44	
	LNE	2 12 16	
	ME	2 17	
	ME	2 23	
	MN		

Nov. 15	eNE	19 10 50	
	e	19 16 18	
	e	19 18 42	
	i	19 20 43	
	iNE	19 22 53	
	eNE	19 27 28	
	eNE	19 28 23	
	eNE	19 32 03	
	eNE	19 35 58	
	L	19 38 53	
	ME	19 50	
	ME	19 58	20.5
	MNE	20 17	
	M <sub>2</sub>		

Nov. 16	eN	11 09 58	
	eLN	11 10 34	
	LE	11 12 11	

Nov. 17	eE	4 22 20	
	eLE	4 38 40	
	iE	4 46	
	iNE	4 46 20	
	ME	4 48	
	ME	4 54.5	
	MN		

Nov. 18	ePN	20 35 09	
	iPN	20 35 09	
	i	20 35 16	
	i	20 35 26	
	i	20 35 31	
	i	20 35 43	
	iS	20 37 28	
	i	20 37 42	
	M	20 42	14.4

Nov. 18	i	23 08 03	
	M	23 10	

Nov. 19	L	2 11	
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1450

Felt in New York, New England and Eastern Canada.

November 23, 1929.

December 14, 1929



Nov. 23	i <sub>NE</sub>	0 24 27	
	e <sub>N</sub>	0 30 19	
	e <sub>N</sub>	0 41 19	
	e <sub>L<sub>N</sub>?</sub>	1 00 29	
	L <sub>N</sub>	1 12.5	
	M <sub>Z</sub>	1 20	
	L <sub>EZ</sub>	1 31	

Nov. 23	e <sub>E</sub>	19 36 51	
	e <sub>N</sub>	19 38 54	
	e <sub>N</sub>	19 50 30	
	e <sub>L<sub>E</sub></sub>	19 53 34	
	L <sub>E</sub>	20 05	
	L <sub>E</sub>	20 14.5	
	L <sub>E</sub>	20 54 30	
	L <sub>E</sub>	20 58 30	
	M <sub>N</sub>	21 03	
	L <sub>N</sub>	21 07	

Dec. 3 Disturbance of very short period and small amplitude between 16 and 17 hours concealed by microseisms.

Dec. 6	e <sub>P</sub>	17 04 57	
	e <sub>E</sub>	17 09 15	
	e <sub>N</sub>	17 11 15	
	S <sub>V</sub>	17 12 30	
	e	17 19 39	
	e <sub>Z</sub>	17 23 23	
	e <sub>Z</sub>	17 35 53	
	e <sub>L<sub>Z</sub></sub>	17 42.5	
	M <sub>1</sub>	17 48.5	18.5
	M <sub>2</sub>	17 52.5	

Dec. 9	i <sub>P<sub>E</sub>?</sub>	6 54 27	
	i <sub>NE</sub>	6 54 29	
	i <sub>Z</sub>	7 09 14	
	i <sub>Z</sub>	7 11 50	
	i <sub>NE</sub>	7 12 35	
	e <sub>Z</sub>	7 12 43	
	i <sub>N</sub>	7 24 58	
	i <sub>NE</sub>	7 29 26	
	e <sub>L<sub>NE</sub></sub>	7 58	
	L <sub>NE</sub>	8 07	
	M <sub>Z</sub>	8 21	15

Dec. 14	e <sub>L<sub>N</sub></sub>	5 06 30	
	M <sub>N</sub>	5 14.5	

Dec. 14	e <sub>L<sub>NE</sub></sub>	22 36	
	M <sub>NE</sub>	22 54	

December 15, 1929 to December 18, 1929.

5



Dec. 15 e<sub>E</sub> 1 40 10  
 e<sub>N</sub> 1 40 38  
 e<sub>L</sub> 1 44.5  
 M 1 52.5

Dec. 15 e<sub>E</sub> 16 06 33  
 L<sub>E</sub> 16 09  
 L<sub>N</sub> 16 15  
 M 16 15.5

Dec. 17 i<sub>P</sub> 11 18 05  
 i<sub>E</sub> 11 12 53  
 i<sub>N</sub> 11 15 04  
 i<sub>NE</sub> 11 14 24  
 i<sub>E</sub> 11 15 28  
 i<sub>NE</sub> 11 16 49  
 i<sub>E</sub> 11 17 43  
 i<sub>E</sub> 11 18 53  
 i 11 20 29  
 i 11 22 30  
 i<sub>E</sub> 11 23 42  
 i<sub>NE</sub> 11 25 24  
 i<sub>E</sub> 11 27 34  
 i<sub>L</sub>? 11 29  
 M<sub>1</sub> 11 37  
 M<sub>2</sub>NZ 11 44.5  
 M<sub>3</sub>Z 11 53.5

Distance 4550 kms.

14 s.

Dec. 17 e<sub>N</sub> 18 03 58  
 L<sub>N</sub> 18 20  
 M<sub>N</sub> 18 28

Dec. 17 L<sub>N</sub> 22 24  
 M<sub>1</sub> 22 53  
 M<sub>2</sub> 22 45  
 25 s.

Dec. 18 L<sub>N</sub> 5 33  
 M<sub>N</sub> 5 47

Dec. 18 L<sub>N</sub> 8 03  
 M<sub>N</sub> 8 12.5  
 19 s.

Dec. 18 L<sub>N</sub> 9 51.5

Dec. 18 e 13 27 02  
 L 13 40.5  
 M<sub>1</sub>N 13 45 19 s  
 M<sub>2</sub> 13 48 15 s  
 M<sub>3</sub> 13 53 15 s  
 E 13 44  
 MN 20 01 21 s.

FORDHAM UNIVERSITY, NEW YORK CITY

SEISMOLOGICAL REPORT

From December 18, 1929 to April 30, 1930.

DATE	PHASE	TIME (h.m.s.)	PERIOD (s)	DISTANCE
Dec. 18	eL <sub>N</sub>	19 33.5		21
	M <sub>N</sub>	20 01		
Dec. 19	eL <sub>N</sub>	4 51		
	M <sub>N</sub>	4 53		
Dec. 19	e <sub>N</sub>	10 42 06		
	e	10 43 55		
	eL	10 57 10		
	M	11 06	17	
	L <sub>N</sub>	11 14	16	
Dec. 19	F <sub>N</sub>	11 44		
	eL <sub>N</sub>	20 05.6		
	M <sub>N</sub>	20 13	15	
Dec. 19	F <sub>N</sub>	20 42		
	eL <sub>N</sub>	7 54.4		
	L <sub>N</sub>	8 20.5		
Dec. 20	M	8 21.5		N.B. From Dec. 20 to Dec. 24, inclusive, the time correction is uncertain. Hence the readings are only approximate.
	e	10 38 10		
	e <sub>NE</sub>	10 39 20		
Dec. 20	i	10 40 28		
	i <sub>E?</sub>	10 41 30		
	eL <sub>E?</sub>	10 43 26		
	e <sub>NE</sub>	11 45 36		
Dec. 21	e <sub>N</sub>	11 46 18		22.5
	eL	11 51.5		
	M	11 59.5		
	eL <sub>N</sub>	5 17.2		
Dec. 24	L <sub>N</sub>	5 19.8		19
	M <sub>EZ</sub>	5 21		
	eL <sub>N</sub>	2 40.3		
Dec. 28	M <sub>N</sub>	2 48		
	eL <sub>N</sub>	12 43.6		
Dec. 28	F <sub>N</sub>	13 33	22	
	e <sub>N</sub>	1 34 04		
Dec. 31	eL <sub>N</sub>	2 00.7		18
	L <sub>N</sub>	2 07		
	M <sub>N</sub>	2 18.5		
	L <sub>N</sub>	2 24		
	e <sub>N</sub>	5 30 22		
Dec. 31	eL <sub>N</sub>	5 37.5		19.5
	M <sub>N</sub>	5 54		
	L <sub>N</sub>	6 03.5		
	L <sub>N</sub>			