

$\phi = 40^\circ 51' 47''$ N
 $\lambda = 73^\circ 53' 8''$ W
 $h = 24$ m
 $a = +.210$
 $b = -.726$
 $c = +.654$

FORDHAM UNIVERSITY NEW YORK CITY

Instrumental Bulletin of the Seismic Observatory

Instruments:
 Wiechert
 Galitzin-Wilip
 Milne-Shaw
 Wood-Anderson
 (Short Period)
Foundation:
 Fordham Gneiss

JANUARY 1934

1934				
Jan. 3	iP Z	09h53m52s	8450 kms	
	epP Z	09 54 59		
	esP Z	09 55 31	53°N:155°E	
	iS NE	10 03 12	(CGS)	
	i E	10 03 31		
	i NE	10 03 39		
Jan. 11	iP Z	10 32 45	7380 kms	
	iS NN	10 41 41		
	e NN	10 42 07		
	eL N	10 56 ca		
Jan. 15	iPR ¹ NZE	09 02 37	12350 kms	
	iPR ² N	09 05 05		
	SIS N	09 08 39	25°6N:85°7E	
	iPS N	09 12 09	(JSA)	
	iSR ¹ NE	09 18 00		
	L	09 40		
Jan. 19	e Z	10 02 47	Times	
	e NN	10 10 08	approximate	
	e N	10 11 04		
	eL N	10 13+		
Jan. 27	e	13 07 20	Local?	
	M	13 08.3		
Jan. 28	iP NEZ	19 16 36	3865 kms	
	iPR ¹ NE	19 17 32		
	iPR ² N	19 17 49	17°N:100°W	
	iS NE	19 21 56	(CGS)	
	i N	19 22 31		
	iL N	19 27		
	M	19 33.6		
Jan. 30	iS N	20 28 48	3790 kms	
	iL N	20 33.1	38°2N:118°SW	
	M	20 35.6	(JSA)	

DAILY MICROSEISMIC RECORD
FOR JANUARY 1934

Day	Max. Amp. (mm)	Approx. Time	Period (s)
1	.5	1234	5.2
2	2.0	3	4.0
3	.8	1	4.4
4	.6	123	9.0-7.0
5	.5	1	6.6
6	.6	34	irreg.
7	.6	123	6.6
No record 7 ^d 15 ^h -8 ^d 16 ^h			
8	1.0	4	7.0
9	1.0	1	7.0
10	.9	12	5.8
11	.8	1234	6.4
12	.8	1234	6.4
13	1.3	12	6.6
14	1.9	34	4.6
15	1.5	1	4.6
16	1.2	12	5.0
17	.9	3	4.0
18	1.2	2 4	5.0
19	1.6	4	5.6
20	1.9	1	5.8
21	1.1	1234	6.4
22	1.1	12	6.4
23	.6	1	5.4
24	3.9	2	4.6
25	1.8	4	6.0
26	2.0	1	6.2
27	1.3	2	5.6
28	.8	1	5.6
29	2.9	3	4.6
30	1.4	34	5.0-7.0
31	1.7	12	7.0-8.4

1 = 00h - 06h
 2 = 06h - 12h
 3 = 12h - 18h
 4 = 18h - 24h

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FEBRUARY 1934

1934				
Feb. 3	e N	15 ^h 14 ^m 25 ^s		
	eL	15 32+		
Feb. 13	e N	09 59 41	Times	
	e N	10 01 15	approximate	
	e N	10 06 06		
	eL	10 15		
Feb. 14	iPR ₁ N	04 19 54	13400 kms	
	i N	04 24 24	18°N:118°E	
	iPS N	04 29 26	(CGS)	
	i N	04 31 15		
	iSR ₁ N	04 36 39		
	i N	04 42 02		
	eL?	04 53ca		
Feb. 24	e Z	01 05 03		
	i E	01 05 37		
	i E	01 05 51		
	i E	01 06 38		
	L?	01 08		
Feb. 24	ePR ₁ N	06 43 02	12000 kms	
	iSKS ₁ N	06 48 38	21°N:145°E	
	SKKS ₁ N	06 49 26	(CGS)	
	iPS N	06 52 06		
	iPPS ₁ N	06 52 51		
	iSR ₁ N	06 58 02		
	iSR ₂ N	07 02 00		
	eL	07 13+		
	M	07 28		
Feb. 28	e N	14 44 27	Times	
	e N	14 45 47	approximate	
	eL	15 16ca		

DAILY MICROSEISMIC RECO.			
FOR FEBRUARY 1934			
	Max.	Approx.	
Day	Amp.	Time	Period
	(mm)		(s)
1	1.8	1	7.6
2	2.5	234	4.0
3	1.8	12	5.0ca
4	1.6	1	6.0
5	.9	123	irreg.
6	1.8	4	5.0
7	3.0	1	5.6
8	1.7	34	6.2
9	1.3	1	6.4ca
10	.7	1234	4.6
11	1.0	34	5.6
12	.9	1	5.6
13	2.6	4	4.4
14	2.8	1	4.6
15	1.5	1	5.4
16	1.6	3	3.8
17	1.3	2	5.6
18	.8	12	4.4ca
19	.8	4	irreg.
No record 20 ^d 06h-20 ^d 14.5h			
20	7.0	3	5.0
21	3.2	1	5.0
22	.7	1234	5.0
23	2.5	4	4.4
24	2.5	12	5.6
25	1.6	12	5.6
26	3.9	4	4.4
27	4.2	1	4.8
28	1.2	1	4.6
		1 = 00h-06h	
		2 = 06h-12h	
		3 = 12h-18h	
		4 = 18h-24h	

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MARCH 1934

1934				
Mar. 1	eP Z	21 ^h 57 ^m 31 ^s	8700 kms	
	i N	21 58 00	39°S:73°W.	
	iS NE	22 07 31	(CGS)	
	i E	22 07 47		
	i N	22 08 06		
	i E	22 08 23		
Mar. 5	eP' N	12 07 33	13300 kms	
	ePR ₁ N	12 08 49		
	eSKSE	12 14 18		
	ePPS ₁ N	12 19 47		
	eL N	12 45		
Mar. 7	eP Z	22 47 58	3250 kms	
	ePR ₁ N	22 48 02	14°N:88°W	
	eS N	22 52 58	(CGS)	
	i N	22 54 22		
	eL	22 56+		
Mar. 12	eP Z	15 11 43	3134 kms	
	iPR ₁ Z	15 12 25	41.7°N:112.6°W	
	iS E	15 16 36	(CGS)	
	i E	15 16 41		
	i N	15 16 50		
	i N	15 17 19		
	i N	15 18 16		
	iL E	15 19+		
Mar. 12	eP EZ	18 26 16	3140 kms	
	e N	18 28 00		
	e N	18 28 28		
	eS NE	18 31 10		
	e NE	18 31 30		
	i N	18 32 13		
	iL N	18 34ca		
Mar. 13	e Z	13 32 16		
	e NE	13 37 15		
	ePS ₁ E	13 42 15		
	eSR ₁ N	13 43 54		
	eL	14 09+		
Mar. 18	iP	04 45 16	8560 kms	
	iPR ₁ NE	04 48 17	49°N:156°E	
	iS E	04 55 08	(CGS)	
Mar. 24	e Z	12 23 26	13300 kms	
	e E	12 30 28	10°S:161°E	
	e NE	12 32 04	(CGS)	
	e N	12 35 02		
	eSR ₁ E	12 41 56		
	eL?	12 55+		

DAILY MICROSEISMIC RECORD			
FOR MARCH 1934.			
	Max.	Approx.	
Day	Amp.	Time	Period
	(mm)		(s)
1	.7	1234	6.0ca
2	1.8	23	8.0ca
3	.7	1	7.4
4	.3	1234	4.0-6.0
5	.4	1234	4.4
6	.3	1234	4.4ca
7	.3	123	4.4ca
8	.3	1234	5.0
9	.7	234	4.0
10	.6	1 4	4.4ca
11	3.3	3	5.0
12	2.8	1	5.0
13	.6	12	5.0
14	.8	34	7.4ca
	.4	4	2.6
15	.4	1	3.0
	.8	12	long-irreg.
16	.3	123	4.2
17	.6	12	5.0ca
18	.3	1234	5.0
19	.5	23	3.2
	.9	4	6.2
20	2.2	4	4.6
21	2.7	1	5.2
22	1.4	1	5.6
23	.9	12	4.4
24	1.0	34	5.0
25	.8	12	5.0
26	.3	12	5.0
27	.3	4	5.0ca
28	1.0	4	3.6
29	1.2	1	3.8
30	.4	12	4.0
31	.5	34	3.6
	1 =	00 ^h -06 ^h	
	2 =	06 ^h -12 ^h	
	3 =	12 ^h -18 ^h	
	4 =	18 ^h -24 ^h	

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APRIL 1934

1934
 April 6 e h m s
 i 19 33 18
 19 34 08

7 e N 02 29 22
 i E 02 29 37
 i N 02 29 43
 e 02 32

9 eP' Z 15 41 33 8780 kms
 iS' E 15 51 34
 ePS' N 15 52 21
 eL' N 16 07+

10 e 05 48 07
 i 05 56 44
 eL? N 05 58

10 eP' Z 10 42 36 16780 kms
 iP' NZ 10 42 37
 ePR' N 10 46 17
 e N 10 52 47
 e N 10 53 18
 L 11 35

11 e? NZ 21 30 39
 e EZ 21 32 18
 e N 21 40 08
 e N 21 48 50
 e N 21 51 52

14 e N 21 41 27
 i E 21 41 48
 e 21 44.2

15 e Z 03 00 18 Vermont

15 eP' Z 22 34 25 14300 kms
 iPR' NZ 22 36 27
 iSKP' N 22 37 40 8°N:127°E
 ePS' N 22 46 45 (CGS)
 iSR' N 22 53 50
 M 23 30+

24 e NE 18 02 01
 e E 18 10 36
 eL' E 18 30

 'DAILY MICROSEISMIC RECORD
 ' FOR APRIL 1934.
 ' Max. Approx.
 ' Day AMP. Time Period
 ' (mm) (s)
 ' 1 .8 1234 4.4
 ' 2 .8 12 4.4
 ' 3 .7 4 9.0
 ' 4 .7 123 8.4
 ' 5 .6 12 7.0ca
 ' 6 .7 234 7.6
 ' 7 .7 1234 7.0-6.4
 ' 8 .7 1234 6.0
 ' 9 .6 1234 6.0
 ' 10 .9 1234 6.0ca
 ' 11 .9 12 5.8
 ' 12 .8 34 4.0
 ' 13 .8 1234 4.4ca
 ' 14 .7 12 4.8
 ' 15 .7 234 6.4
 ' 16 1.0 3 6.6
 ' 17 .8 34 6.2ca
 ' 18 .7 1 5.0ca
 ' 19 .3 1234 7.0ca
 ' 20 .2 1234 7.0ca
 ' 21 .3 1234 7.0
 ' 22 .5 34 7.0
 ' 23 .3 1234 7.0ca
 ' 24 .3 123 7.0ca
 ' 25 .3 123 7.4ca
 ' 26 .3 1 34 7.4-4.0
 ' 27 1.2 4 6.2
 ' 28 1.4 123 irreg.
 ' 29 .8 23 5.4
 ' 30 .3 1234 5.0
 '-----
 ' 1 = 00^h-06^h
 ' 2 = 06^h-12^h
 ' 3 = 12^h-18^h
 ' 4 = 18^h-24^h
 '-----

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MAY 1934

1934
May 1

		h	m	s
i	Z	07	24	41
e	NZ	07	27	16
i	Z	07	27	58
i	N	07	28	12
e	N	07	31	42
e	N	07	37	40

2

e	NZ	09	51	35
e	E	09	57	04
eL		10	04ca	

Clock correction
uncertain.

4

eP	Z	04	44	41
iP	NEZ	04	44	42
i	E	04	44	57
i	Z	04	46	11
i	E	04	46	47
i	N	04	51	27
iS	NEZ	04	51	38
L?		04	59+	

5230 kms
61°N:148°W.
(CGS)

5

e		01	28	03
e		01	32	46
eL	E	01	39	

6

e	N	08	21	48
eL?	E	08	24	46
i	N	08	24	53
i	E	08	25	09

13

ePR	1NEZ	09	22	48
eSKS	E	09	27	57
eSKKS	NE	09	29	38
eSR	1	09	39	35
eL		10	00+	

14000 kms
5°S:154°E
(CGS)

14

eS	E	13	27	48
eS	N	13	27	52
L		13	32.5	

4000 kms
28°N:113°W
(CGS)

14

iP	NEZ	22	21	49
i	Z	22	22	05
iS	E	22	29	02
i	E	22	29	23
i	N	22	31	36

5510 kms
59°N:150°W
(CGS)

19

iP	NEZ	10	53	44
iS	NE	10	58	37
iSR	1E	10	59	57

3135 kms
16°N:90°W
(CGS)

22

eP	Z	11	11	22
eS	N	11	19	14
eS	E	11	19	16
		11	25	10
		11	28	

6200 kms
0°N:30°W
(CGS)

 'DAILY MICROSEISMIC RECORD
 ' FOR MAY 1934

Day	Max. Amp. (mm)	Approx. Time	Period (s)
' 1	.3	1234	5.0ca
' 2	.3	1234	5.0
' 3	.6	34	5.4
' 4	.6	123	6.0
' 5	.8	4	7.4ca
' 6	.8	1	7.2
' 7	1.1	4	5.2
' 8	1.0	1234	5.0
' 9	.8	12	5.0
' 10	.3	1234	5.0-3.6
' 11	.3	1234	3.6
' 12	.3	1234	4.0
' 13	.3	12	4.0
' 14	.2	12	4.0
' 15	.1	1234	4.0ca
' 16	.3	1234	6.0-4.0
' 17	.5	34	4.0
' 18	1.6	34	7.0
' 19	1.1	12	7.0-6.4
' 20	1.0	12	5.5
' 21	.5	1	5.0
' 22	.2	12	4.6
' 23	.15	1234	3.2ca
' 24	.5	34	4.2
' 25	.3	1234	4.6
' 26	.3	1234	4.0
' 27	.3	1	3.8
' 28	.3	4	4.2
' 29	.5	1	4.8ca
' 30	(No record 02 ^h -13 ^h)		
' 31	.3	34	4.4
' 31	.2	12	4.4

1 = 00^h-06^h
 2 = 06^h-12^h
 3 = 12^h-18^h
 4 = 18^h-24^h

J. J. L., S. J.