


Lat. = 40° 51' 47" N
 Long. = 73° 53' 8" W
 h = 24 m
 a = + .210
 b = - .726
 c = + .654

FORDHAM UNIVERSITY
 NEW YORK CITY
 Bulletin of the Seismic Observatory
 JANUARY 1954


 INSTRUMENTS:
 Nez. Galitzin-Wilip
 Nez. Sprengnether
 Z Benioff
 Foundation
 Fordham Gneiss

Jan 12th
 #1

LP' 13 23 49
 LPA 27 26

9500 mls.

C.G.S. #1
 8.5°S 124°E
 T₀ = 13.04.17

2nd

EZ 02 28 30
 LZ 44

7th
 #2

LP 07 28 06.8
 LS 28.8

128 mls
 Reading Pa.

LP 31 34.8
 LS 56.8
 EP 18 35 36.5
 ES 58.5
 EP 19 34 08.5
 ES 30.5

12th
 #3

EP 23 40 57
 ES 46 29
 MN 53 ca

2330 mls

C.G.S. 5
 35°N 119.1W
 T₀ = 23.33.46.5

13th
 #3

EP 00 32 56
 ESKSP 45 40
 LS 53 56
 EL 01 13 ca

10000 mls

C.G.S. 6 Mas 7¹/₄
 NEW ZEALAND
 T₀ = 00 13.06

16th
 #4

HEAVY MICROS
 EN 23 03 44
 EL 06 ca
 MN 09 ca

C.G.S. 7
 VANCOUVER
 T₀ = 22 45.27

20th

EP 04 24 18
 LS 30 37
 MN 43 ca

2800 mls

C.G.S. 10 Mas 6.
 8.5°N 103.5°W
 T₀ = 04 16.25

Joseph Lynch Sr.
 Dec. 7th 1954

Lat. = 40° 51' 47" N
 Long. = 73° 53' 8" W
 h = 24 m
 a = + .210
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 c = + .654

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FEB. 1954

DISTANCE

FEB 1st
 #6

EP' 01 35 36
 ES 37 57
 EDS 34 59
 ESS 40 39
 LR 52 27

8100 mls.

C.G.S. 12
 Volcano Isl.
 T₀ 01.06.51
 Mag. 7 1/4

Feb 1st
 #7

EP 04 38 48
 EN 42 26
 MN 50 17

2500

C.G.S. 5.6a.
 Lower California Mag 6
 T₀ 04.31.59.5

TWO QUAKES OVERLAPPING.

FEB 5th
 #8

~~EP 09 19 42~~
 EP' 09 39 03
 EZ 22
 EPD 41 02
 ES 45 48

8700

C.G.S. 15
 New Britain Mag 7
 T₀ 09.19.42

FEB 5th
 #9

EP 15 23 58
 IZ 24 03
 ES 28 46

1900

C.G.S. 16 Mag 6 1/4
 MEXICO H = 100 km.
 T₀ 15.17.59

FEB 7th
 #10

IA 06 35 40
 ESKS 44 30

9900

C.G.S. 17
 NEW HEBRIDES H = 100 km.
 T₀ = 06.15.21 Mag. 6

FEB 11th
 #11

EA 00 44 02
 EPD 47 10
 IZN 48 09
 EN 50 19
 ES 54 36
 EPDS 55 43
 Lq 01 02 ca
 MN 27 ca.

6900

C.G.S. 19 Mag 7 1/4
 NINGZIA, CHINA
 T₀ = 00 30 16

COPY

FEB 19
 #12

EA 00 46 56
 ES 52 09
 LR 56 50
 MN 59 ca.

2100

C.G.S. 25
 Nicaragua Mag 7
 T₀ = 00 40 25

FEB 19
 #13

ESKS 19 33 34
 ESS 44 44
 LR 20 06 ca
 MN 14 ca.

8300

C.G.S. 26
 HERMADEE Isl. Mag 7
 T₀ = 19.07.44

FEB. 1954 contd.

FEB 20	EP	02	07	09		
	ES		12	19		
	ELN		17	09	2100 mls.	
	MN		19	50		
FEB 20	iP	18	53	34		
	LS			39	28 mls.	
FEB 20. # 15	EP	18	53	33		
	iZ			41		
	iPD		56	26		
	iPD			34		
	iSD		57	25	9900 mls	
	iPD		59	25		
	iSKS	19	02	58		
FEB 21 # 15	EP	01	35	25		
	ES		41	00	2360 mls.	
	MN		48	ca		
21	EZ	16	19	58	130 miles.	Lilkerburn Pa.
	ES		20	22		
21 # 16	iP	23	45	41		
	EPD		46	52	1840 mls	
	iS		50	33		
FEB 22 # 16	EZ	12	21	53		
	iE		29	13		
	iE		36	39		
FEB 27 # 17	ESS	00.11.	35		8500 mls.?	
	ME		40	ca		
						C.G.S. 5.8 near Hebrides. T ₀ = 23.34.32

C.G.S. 28
FLORES SEA. Mag. 6 3/4
H = 600 Kms
T₀ = 18 35 05

Nov. 24 1954
Joseph Lynch S.J.

Lat. = 40° 51' 47" N
 Long. = 73° 53' 8" W
 h = 24 m
 a = + .210
 b = - .726
 c = + .654

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Bulletin of the Seismic Observatory

MARCH 1954

INTERNATIONAL
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 Fordham Gneiss

DATE	PHASE	h. m. s.	DISTANCE (MLS)	REMARKS
March 3 #18	EP'	06 22 16	9300	C.G.S # 34 Central Isl. Guernsey T ₀ = 06.02.55
	EPP	24 37		
	iPKS	25 46		
	ESKSP	34 37		
	ESS	42 17		
	MN	07 13 ca		
9 th #19	EP	02 31 53	3800	C.G.S. 39 At. Ocean N.E. of BRAZIL T ₀ = 02.21.43
	EZ	32 58		
	ES	39 44		
	LR	44 54		
	MN	48 ca		
9 th #19	EP	05 51 56	5300	C.G.S. 40 S. Coast of KAMCHATKA T ₀ = 05 39 20
	ES	06 01 50		
	Lq	19 ca		
	MN	30 ca		
15 th #20	EP	10 36 19	2000	C.G.S. 42 GUATEMALA T ₀ = 10.30.10
	ES	41 20		
	MN	49 ca		
19 th #21	EP	10 01 20	2300	C.G.S 48 Santa Rosa Mts. Calif. T ₀ = 09.54.27
	ES	06 51		
	MNE	16 ca		

Lat. = 40° 51' 47" N
 Long. = 73° 53' 8" W
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March 1954.

INTERNATIONAL
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March
 21st
 #22

EP' 00 00 31
 EPP 01 29
 LSKS 07 13
 ESP 10 48
 LZ 11 10
 ESS 17 23
 EN 18 16
 ESSS 21 15
 G 30 13
 MN 46 ca

8000

H = 150 km.

C.G.S. 49
 N.W. BURMA
 $T_0 = 23.42.05$

28th
 #23

iP 17 20 56

T-H 4.280

Alentanos.

28th
 #23

iP 19 47 34

ES 56 47

G 20 04 39

LR 08 32

MN 15 ca

4800

C.G.S.
 PERU-BRAZIL
 $T_0 = 19.20.58.$

29th
 #23

iP 06 25 32

iZ 35

iZ 56

iPcP 26 31

iZ 44

iP 27 30

ScP 29 28

iS 32 20

iScS 34 19

iS 35 58

3750

H = 650 km.

C.G.S. 59
 $T_0 = 06.17.05$
 S. of Spain.

30th
 #24

ES 17 00 41

MN 15 ca

iS 19 02 29

SSS 10 25

G 12 ca

{ iP 22 43 54

{ iS 44 16

4900

125 miles

C.G.S. 61 Forehook of
 next quake $T_0 = 16.40.03$
 HAWAII
 $T_0 = 18.41.54$

Lat. = 40° 51' 47" N
 Long. = 73° 53' 8" W
 h = 24 m
 a = + .210
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March 1954

March 31st

EP	18	40 07		C. G. S. 25
EPP		44 33		62
EN		50 45		Arabian Sea
ISS	19	00 32	7500 mls.	T ₀ = 18.25.48
Lg	19	13 ca		
MN		36		
MN		40		

Joseph Lynch S.I.
 Nov. 26th 1954

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NEW YORK

$\phi = 40^{\circ} 51' 47'' N$

$\lambda = 73^{\circ} 53' 8'' W$

$h = 24 m.$

PRELIMINARY SEISMIC REPORT

APRIL + MAY 1954

DATE	PHASE	L. m. S.	Distance miles.	Remarks.
APRIL				
I	EP	02 27 28		
I	EP	14 13 55	1525	C.G.S. #63 PORTO RICO
	ES	17 57		$T_0 = 14.08.59$
	MN	24 ca.		
I	ES	18 41 32	5800	C.G.S. #64 Kurile Is.
	MN	19 19 ca.		$T_0 = 18.18.47$
I	EP	20 54 37		
	ES	54 49	70	Local.
II.	EN	03 48 22		
	MN	04 15 ca.	8600	C.G.S. 69 Solomon Is.
				$T_0 = 03.03.03.$
II	EP	10 40 39		
	ESKS	51 35	7800	C.G.S. 70 Arabian Sea
				$T_0 = 10.25.27$
II	EP	11 06 38		
	PS	18 25	6600	C.G.S. 68 Hindu Kush Mts.
				$T_0 = 10.53.20$
17	EP	20 21 35		
	ES	30 27		
	IN	31 06		
	G	35 36	4500	C.G.S. 71 Aleutians
	LR	21 52 30		$T_0 = 20.10.37$
	MN	53 ca.		

22 EP 20 44 33
 ES 50 32 2600 C.G.S 5.18.57a Centre Calif.
 $T_0 = 20.33.26.5.$

26 EP 20 36 38
 AP 36 54
 PD 39 33
 ES 46 02 5000 C.G.S 80 Kamchatka H=60km.
 $T_0 = 20.24.44.$

27 EP 10 13 27
 IZ 34
 EPP 15 05
 ES 19 07 2500 C.G.S. 81 Panama
 Lq 21.50 $T_0 = 10.06.24.$

29 EP 10 56 11
 ES 11 07 44 2300 C.G.S. 83 Gulf of Calif.
 Lq 03 30 $T_0 = 10.49.27$
 M 13 ca

29 iP 11. 41. 19
 iZ 41.25 2300 C.G.S. 83 Gulf of Calif.
 ES 46 53 $T_0 = 11.34.34.$
 M 54 00

30. EP 13 13 47
 ES 22 57 4800 C.G.S 85 Greece destructive
 ESS 27 06 $T_0 = 13.02.36.$
 Lq 31 ca
 LR 34 ca

30. P 18 48.16 153
 S 43
 done

30 EP 23 15 10
 ES 23 51 4500 C.G.S 86 Mid Atlantic
 Lq 31 ca $T_0 = 23.04.30$

May

3 GP 15 41.35
GS 51.19 5400 C.G.S. 87 Kamchatka
M 16 12 ca. $T_0 = 15.29.40$

3 GP 17 19 41
PP 21 47 1980 C.G.S. 90 Nicaragua
GS 24 38 $T_0 = 17.13.32$

5 GP 13 16 36
ES 22 04 2300 C.G.S. 93 Gulf of Calif.
EL 26 04 $T_0 = 13.09.46$
M. 30 ca

13. GP 14 52 47
PA₂ 53 49 1980 C.G.S. 97 OAXACA Mexico
S 57 40 $T_0 14.46.38.$
M. 15 09 ca

14. GP 22 52 37
GPD 56 31
GPPA 58 05 6700 C.G.S. 45 Honshu Japan
ESKS 23 02 50 $T_0 = 22.39.25.$
EAS 04 36
M 23 32 ca.

Josef Lynch

P.S. The E. + Z. Galitzin coils are temporarily out of service. Slow corrosion as a result of poor soldering before being sealed has caused opens in the coils. Both went out of service at approximately the same time i.e. after about 95 years of service! J.L.

FORDHAM UNIVERSITY
SEISMIC OBSERVATORY
New York 58, N. Y.

JUNE 1954

Preliminary
Report.

DATE	PHASE	L. m. s.	Distance in miles	Remarks
4 th	EP	06 58 53	3000	C.G.S 106 T ₀ = 06.50 42 GALAPAGOS IS.
	EN	07 04 29		
	ES	05 24		
	G	09 ca		
	Lq	14 ca		
	MN	19 ca		
4 th	EP	16 08 21	2430	C.G.S S. 23a Island of Calif. T ₀ = 16.01.45.
	ES	14 03		
	L	21 ca		
4 th	MN	20 32 ca.		
6 th	EP'	17 10 00	9300	C.G.S 107 New Guinea T ₀ = 16.50.33
	GPP	12 32		
	PKS	13 32		
	MN	18 03 ca.		
7 th	EP'	10 33 47	8500	C.G.S. 109 New Britain H = 450 kms. T ₀ = 10.15.33.
	EPP	35 28		
	ESKS	40 10		
	iSKKS	42 56		
	iSS	51 53		
	iSSS	54.40.		
17 th	EP	01 51 37	3500	C.G.S. 114 KODIAK I. T ₀ = 01.42 22.
	? PEP	52 41		
	ES	54 11		
	G	02 03 20		
	Lq	09 50		
	LR	14.20		

JUNE

18 i P' 18 14 22 Distance (P'-H) 10800 Remarks C.G.S 525 Sunda Sta. $T_0 = 17.54.40$

20 i P 01 59 04
 e h P 31
 e S 02 07 27 4200
 e S S 08 41
 Remarks C.G.S 116 Northern Chile $T_0 = 01.48.44$
 $H = 150 \text{ km.}$

Joseph Lynch S

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JULY 1954

JULY 2
 #50

EP' 03 04 12
 EPD 05 51
 ES KKS 12 50
 EPS 15 49
 MN 55 ca

8600 mls

C.G.S. 120
 13.5° N, 123.5° E
 P.I. Mag 7
 T₀ = 02.45.09

3rd

#51

iP' 22 50 59
 LPD 54 19
 EN 23 07 09
 ESS 13 35
 MN 54 ca

9800 mls
 H = 100 Kms.

C.G.S. 122
 6.5° S 106° E. JAVA
 Mag 7
 T₀ = 22.31.28

6th

#52

EP 08 17 02
 iP 11
 EPD 20 19
 ES 27 19
 MN 09 02 ca

5700 mls
 H = 100 Kms.

C.G.S. 124
 46.5° N 153.5° E.
 Kuriles. Mag. 6 3/4
 T₀ = 08.04.42

6th

#52

EP ~~13 19~~
 " 20 05
 ES 25 28
 Lq 27 25
 LR 31 09
 M 40 ca

2300 mls
 Faltan Nevada

C.G.S. 39.5° N 118.5° W
 Mag 7
 T₀ = 11.13.19

6th

#53

EP 22 14 24
 ES 19 55
 MN 27 ca

after shock of above

C.G.S. 125
 T₀ = 22.01.41

18th

#55

iP 06 46 09
 EPD 09 24 51
 EZ 25 27
 ES 31 45
 MN 10 10 ca

P-H = 5100 mls.

C.G.S. T₀ = 06.34.35
 55° N 161.5° E

18th

#55

EP 04 44 46
 EPD 46 17
 ES 53 59

6700 mls.
 4800 mls.

C.G.S. 131. HONSHU
 35.5° N. 140.5° E
 T₀ = 09.07.44.
 C.G.S. 134
 31° S 70.5° W
 H = 60 km. T₀ = 04.33.26.

23rd

#55A

July 26 #56	IA 20 28 05 IS 38 14	5600 mls.	C.G.S. 41°S 73°W Mag 6½ T ₀ = 20.15.45.
26 th #56	EA 22 17 29 ES 23 23	2600 mls	C.G.S. Mag. 6¼ 12.5°N 44°W T ₀ = 22.09.57
27 th #56	EA 06 54 15 ES 07 00 24	afterhood of above.	T ₀ = 06.46.44.
30 th #57	EA 08 58 12 IS 09 08 15 IPDS 09 01 MN 09 30 ca	5500 mls.	C.G.S. 138 36.5°S 97°W Mag. 6½ T ₀ = 08.46.00
31 st #58	EA 01 14 05 ES 24 37 LA 48 ca	4800 mls 7200 mls.	C.G.S. 1387 H=60km Mag. 6¾ 39°N 104°E China

Joseph Lynch Sr.
Jan 14th 1955

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NOVEMBER 1954

1st
 #92

EP 21 02 13
 E/A 43
 ES 07 51
 Lg 14 ca
 LR 17 ca

2400 miles.
 H = 60 kms.

C.G.S. 183
 GUATEMALA
 T₀ = 20.56.22

2nd
 #92

EP' 08 43 53
 EPD 47 14
 Lg 10 42 ca
 LR 55 ca

10 000 miles.

C.G.S. 184
 SUMBAWA IS.
 T₀ = 08.24.08.

unusual surface waves!!

2nd

EZ 11 00 29.

3rd

EP 20 03 19 8 miles
 IS 21

5th

IP 18 12 28
 IS 29.7 8 miles

EP 19 24 44
 IS 25 13 10.5 miles

8th

EP 18 15 40 140 miles.
 IS 16 05

10th
 #94

EP 20 00 55
 IP 01 01

12th
 #95

EP 12.33 46
 IP 47
 CZ 58
 EPD 35 07
 EE 38 58
 G 41 21

2700 miles

C.G.S. 188
 San Diego
 T₀ = 12.26.47

Beginning of Lg + LR lost in changing

16

EP 19 51 56 115 miles
 GS 52 16

17

IP 19 34 58 130 miles
 CS 35 21.5

18

EP 05 24 02
 EN 27 57

NOVEMBER 1954 contd.

Nov 18 th #96	ED 05 32 26		C.G.S. 190
	ES 42 17	5300 miles	KURILE ISL. H = 100 kms.
	E SS 48 02		T ₀ = 05.20.04.
18	LR 06 07 17		
	IP 19 30 58	11 miles	
	IS 31 00		
19 #96A	IS 06 18 11	S-4	C.G.S 191 May 6 3/4
	EN 22 05	6600 miles	Sea of Japan H = 600 kms.
Nov. 21 st #97	EN 08 32 47		T ₀ = 05.56.03
	ELN 39 17		
	ELN 43 22		
	ELE 45 12		
23 rd #98	EZ 21 24 42		
	EL 22 52 06		
	MN 22 09 ca		
25 th #100	EP 11 24 02		
	IPD 25 36		
	ES 30 06		
	G 33 ca	2650	100 miles off California Coast.
	LQ 36 ca		
	MN 38 00		
	LR 40 20		
	MZ 43 00		
25 th #101	EN 20 59 46		
	MN 21 10 ca		
26 th	IP 21 31 32	10 miles	probably blank.
	IS 34		

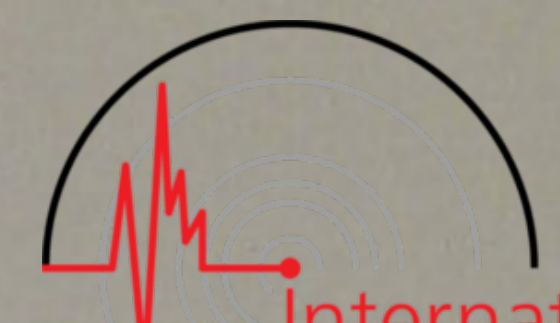
Joseph Lynch
Dec 1st 1954

Lat. = 40° 51' 47" N
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DECEMBER 1954


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DEC 3	EP	08 53 58			
#102	EZ	54 58			C.G.S. # 196
	iPP	55 05			44°N 127°W
	ES	59 33	2500 mls		off Coast of Oregon
	EN	09 02 23			T ₀ = 08 46 02
	Lg	06 03			
	MN	09 ca.			
DEC 4	EA	07 19 35			C.G.S. 199
#103	ESKKS	28 23	8800 mls		5°S 152.5E
	LR	08 01 ca			T ₀ = 07 00 29
	MN	07 ca			Mag. 6 1/2
4	EZ	18 14 24			
4	EA	18 37 34			C.G.S. 197
#104	iPA	45			11°N 61°W. TRINIDAD
	EPD	38 25	1840 mls		T ₀ = 18.31.07
	iN	42			H = 60 km.
	ES	42 26			Mag. 6 1/2
	EL	42 58			
10 th	EA	13 05 49			C.G.S. 204
#105	EN	09 04.5	1620 mls		18.5°N 81.5°W. Mag. 6 1/2
	iS	10 04.5			W. of JAMAICA
	LR	13 40			T ₀ = 13. 00. 27
11 th	EA	13 03 32			C.G.S. 205
#106	ES	08 17	2100 mls		52.5°N 32°W Mag. 6 1/2
	M	15 15			T ₀ = 12.57.07
	Observed by micros.				
13 th	iA	03 54 56	200 miles		Felt 10.54 PM ca
#107	iS	55 31	Adirondacks		local time Dec. 12 th
	iZ	55 41			Sarasac.

DECEMBER 1954 contd.

DEC 16th
#108

EP	11	13	54	
LDP		15	09	
IZ		18	24	
IS		19	20	2270 mls.
ELR		22	ca	
ELE		24	ca	

C.G.S. 206
39.5°N 118°W Mag. 7
FALLOON NEVADA
T₀ = 11.07.10

19th
#109

IP	10	33	50	
LDP		34	52	4300 mls
ES		42	04	H = 250 km.
ES		43	17	

C.G.S. 207
23°S 66.5°W Mag 6 1/2
ARGENTINA
T₀ = 10.23.40

21st
#110

IP	20	03	39	
LDP		04	58	
ES		09	33	2540 mls
IN		10	03	
M		17	13	

C.G.S. 208
41°N 124°W Mag 6 1/2
Eureka Calif.
T₀ = 19.56.25.

High frequency waves running through S or shift period with.

28th
#111

EZ	01	19	40	
MN	02	07	00	

30th
#112

EP	11.	42.	41	4300 mls.
ES		57	12.	

31st

EP	19	11	29	85 mls.
ES			46	

Jan. mt 1955
Happy New Year to you all!
Joseph Lynch Sr.