

$\phi = 40^\circ 51' 47''$ 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
 Calitz-Wilke
 Milne-Shay
 Wood-Anderson
 (Short Period)
 Benioff
 (Long and short period,
 vertical)
 Foundation:
 Fordham Gneiss

1941 SEP 15 AM 10 00

1.

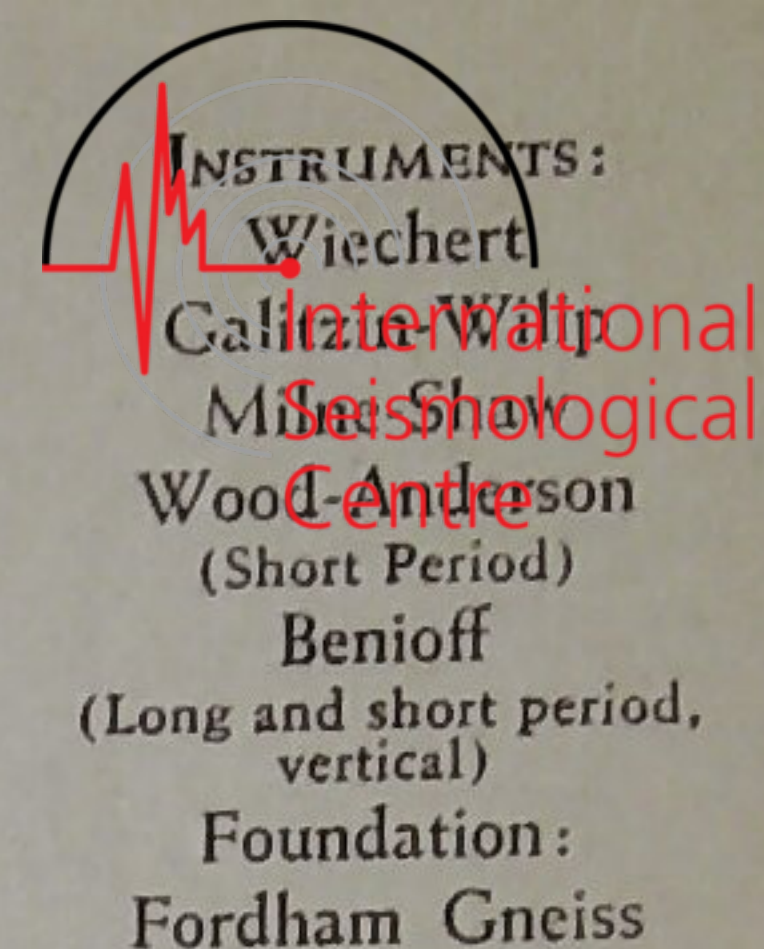
Date 1941	Phase	G. M. T.			Distance kms.	Remarks
		h.	m.	s.		
Jan. 2	e _z	17	10	01		
	e _z	17	10	33		
	i _z	17	10	43		Very strong impulse.
	e _N	17	13	24		
	e _N	17	14	26		
	e _N	17	16	42		
3	M	09	37	--		
4	e _{i_z}	02	08	44		
	i _z	02	08	53		
4	iP ₂	20	09	02	210	NESA 61.
	iS ₂	20	09	27		
5	iP _z ¹	19	06	22	15000	9°S, 121°E (USCGS)
	iPR _{1z}	19	09	02		
	iSKP _z	19	09	52		
	i _N	19	10	00		
	M	20	03			
6	iP _z	09	54	52	3800	Central America
	eS _N	10	00	27		
	M	10	09	--		
6	iP ₂	14	28	49.0	152	NESA 61.
	iP ₁ P ₁	14	28	50.2		
	iS ₂	14	29	07.3		
	i	14	29	10.0		
7	i _z	10	56	49		
8	iP ₂	21	40	18.5	210	NESA 61.
	iP ₁	21	40	19.5		
	iS ₂	21	40	47.5		
	iS ₁	21	40	50.5		
	i2(S ₁ S ₁)	21	40	53.0		

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Date 1941	Phase	2. G. M. T.			Distance kms.	Remarks
		h.	m.	s.		
Jan. 9	i_z	19	50	07		NESA 61.
10	eL_N	03	50	--		
13	iP^1	16	47	08	15000	Dilation
	iPR_{1z}	16	49	30		$3^{\circ}S, 144^{\circ}E,$
	i_{zN}	16	50	29		(USCGS)
	$iSKS_{NE}$	16	54	02		
	$iSKKS_E$	16	56	03		
	i_E	17	01	07		
	M	17	34	--		
17	iP_z	12	41	02.5	2650	Compression
	i_z	12	41	06.0		NESA 62
	i_N	12	41	16		Severe
	i_z	12	41	24		microseisms.
	iS_{zNE}	12	45	26		
	e_N	12	45	54		
17	i_z	13	04	32		
	i_z	13	05	08		
19	$e_z(P)$	03	27	03	11,000	
	e_z	03	27	13		
	$e_{zNE}(PR_1)$	03	31	00		
	e_z	03	31	11		
	$e_N(SKS)$	03	37	33		
	$e_{NE}(SR_1)$	03	45	29		
	M	04	07	--		
20	iP_z	03	49	08	9200	
	iS_E	03	59	08		
	M	04	22	--		
21	i_N	13	07	01		
	e_N	13	10	25		
	e_N	13	16	45		
	eL_N	13	46	--		

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3.

Date 1941	Phase	G. M. T.			Distance kms.	Remarks		
		h.	m.	s.				
Jan. 24	iP _Z	05	52	02	5000	100 km. deep.		
	ipP	05	52	27				
	iPR ₁	05	53	45				
	iS _{ZN}	05	52	31				
	e _E	06	02	51				
	e _N	06	07	25				
	24	e _Z	15	46			23	
		i _N	15	55			00	
		M	16	04.5			--	
	27	eLN	03	33.9			--	
29	iP ₁	17	59	58	108	NESA 62.		
	iS ₁	18	00	11				
Feb. 2	iP _Z	21	31	31	3800	Dilation		
	iP _Z	23	45	26				
	eSE	23	51	01				
	iLE	23	55	46				
	M	23	59.8	--				
	4	iP _Z	14	21			15	Compression, Severe microseisms.
		e _{ZN}	14	23			21	
		i _N	14	24			37	
		e _N	14	33			15	
	7	iP _Z	15	24			51	Compression.
		i _Z	15	25			00	
		e _{ZN}	15	29			24	
		e _{ZN}	15	35			02	
		e _N	15	42.1			--	
	8	i _Z	19	09			01	
e _N		19	15	01				
M		20	07	--				

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Date 1941	Phase	4. G. M. T.			Distance kms.	Remarks
		h.	m.	s.		
Feb. 9	1P _z	09	51	30	4200	Dilation 40.7 N, 125.4 W. (USCGS)
	1 _z	09	51	36		
	1PR _{1z}	09	52	54		
	1S _{NE}	09	57	28		
	1L _{NE}	10	04	28		
	M	10	09	--		
	9	e _z (P ¹)	19	38		
	1 _z	19	38	35		
	e _N (SR ₂)	19	57	32		
	e _N (L)	20	12	--		
	M	20	21	--		
11	eP _z	14	41	50	3600	14.5°N, 94.0°W. (USCGS)
	eS _N	14	47	14		
	M	14	58	--		
13	e _{zNE}	15	07	05		
14	e _N	19	20	15		
	e _N	19	23	26		
	eL _N	19	47.5	--		
15	1 _z	06	17	40		
15	eNE	09	07	41		
	M	09	19	--		
16	M	17	36	--		
18	eL _N	21	08	--		
24	1P ₂	20	43	56	140	Dilation, NESA 64.
	1S ₂	20	44	13		
25	1P _z	05	57	11		Dilation
	1 _z	05	57	18		
	1 _z	05	57	38		
27	e _z (P ¹)	10	03	39		
	eNE(PR ₁)	10	06	50		
	(M)	10	55	--		

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Date 1941	Phase	G. M. T.			Distance kms.	Remarks
		h.	m.	s.		
March 1	iP _z (M)	04	04	00		Very strong microseisms.
		04	32	--		
4	M	21	59.5	--		
5	iP _z	13	00	23		
6	i _z i _z	19	07	05		
		19	07	23		
7	i _z	01	17	10		
10	eL _N	04	18	--		
12	eL _N	14	11.2	--		
12	eL _N	21	35.7	--		
14	i _z i _z	16	26	56		Dilation.
		16	27	04		
15	iP _z i _{zE} eS _N eS _E iL _N i _{zNE} M	05	53	11	3800	Compression.
		05	54	34		
		05	58	48		
		05	58	54		
		06	03	53		
		06	04	33		
		06	07.5	--		
		07	42	21		
16	e _z	07	54	24		
16	eP _z ePR _{1z} e _{N(S)} M	07	57	29		
		08	04	32		
		08	28.5	--		
		16	45	47		
16	eP _z e _{N(S)} M	16	54	27		
		17	11.5	--		
		23	03	45		Dilation.
16	i _z	23	03	45		
19	eL _N	03	40	--		
21	iP _z i _z iPR _{1z} iS _N i _E	08	06	47	5300	Compression.
		08	06	53		
		08	08	41		
		08	13	51		
		08	16	43		

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Date 1941	Phase	6.			Distance kms.	Remarks
		G.	M.	T.		
		h.	m.	s.		
March 23	iP _Z	09	05	58	2800	Compression.
	iS _N	09	10	26		
	eL _N	09	13	--		
23	eL _N	17	41	--		
28	e _N	23	06	48		
	eL _N	23	22.5	--		
29	M	09	30.5	--		

J. J. L., S.J.
 W. A. L.

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Physics Department

NEW YORK, N.Y.

1941



Aug. 15 iP_z 06 17 48
 iPR_{1z} 06 19 27
 iS_{zNE} 06 24 31
 iSR_{1N} 06 27 42

Aug 30 e_N 13 32 01
 i_N 13 35 31
M 14 09 -

Sept. 4 P_z' 10 40 36
 iPR_{1z} 10 42 22
 $eSKS_N$ 10 47 58
 iSR_{1N} 10 59 49
M 11 27 -

Sept. 9 eP_z' 07 38 38
 iPR_{1z} 07 40 25
 iP_{TE}^+ 07 50 26
 eSR_{1N} 07 57 41
 eL_N 08 12.9 -

Sept. 12 eP_z' 07 21 17
 ePR_{1z} 07 23 37
 i_{zNE} 07 24 47
 i_{zE} 07 25 14
 e_{zN} 07 27 42

eSR_{1N} 07 41.7 -
M 08 21 -

Sept. 13 P_z 18 21 55
 iPR_{1zE} 18 23 12
 iS_{NE} 18 27 38
L 18 34.5 -

Sept. 16 $e_z(P')$ 21 57 55
 $i_{NE}(SKS)$ 22 04 45
 $i_E(SKK\$)$ 22 06 00
 $i_E(P\$)$ 22 09 09
 $e_{NE}(SR_1)$ 22 15 31
M 22 39 -

Sept. 17 i_z 07 07 01
 i_z 07 10 05
 i_{NE} 07 16 11
 i 07 19 25