



1936

ITHACA

Seismograph Station - Department of Geology  
Cornell University, Ithaca, N. Y., U.S.A.

Instruments: 2 Bosch-Omori 25 kg. pendulums, N-S and E-W.  
Smoked paper recording, magnification about 10.  
 $T_0$ : 14 seconds. (about 8:1.

Time: Until March 20 checked daily with radio time signals from WOR, Newark, N. J. Thereafter checked daily with NAA. Accuracy at all times probably  $\pm 2$  seconds.

Amplitude: half trace amplitude, in mm.

Tables: Macelwane 1933 tables for normal focal depth, and Brunner 1935 Depth-Time-Distance chart for deep focus.

January 1 to May 20, 1936

Date 1936	Phase	G C T	Amp. mm.	Remarks
February 15	e NE e NE eL NE	13-09.8 26.5 14-46		USCGS gives H:12-46.8 6° S., 132°E.
22	e NE eL	15-55.0 16.5		
March 2	i E eL E eL N	3-42-36 4-02 09		
April 1	eP' NE ePR <sub>1</sub> N e NE iSKP NE i N iSKKS NE	2-28.6 30.9 31.2 31-58 36-00 37-30		USCGS gives H:2-09.4 3°N., 124°E. $\Delta$ (meas): 131.4° $\Delta$ (SKP-H): 131.4°
19	e NE eL NE	5-27.2 6.1		USCGS gives H:5-07-14 8°S., 156°E.
23	e NE	23-33.7		
27	eL NE	6-46.5		
30	e NE	11-18.5		
May 20	e E e N e L	3-25.3 3-25.8 3-10 ca		USCGS gives H:3-05.2 8.5°S., 160°E.

ITHACA (Continued)  
May 21 to November 19, 1936

Date 1936	Phase	G C T h m s	Amp. mm.	Remarks
May 27	e E	6-44.2		
28	iP NE ePR <sub>1</sub> NE iS NE eL	18-56-36 58.2 19-02-48 09 ca		USCGS gives H:18-49.1 10°N., 104°W. Δ(S-P):39.6° Δ(meas):40.5°
June 3	iP E iPR <sub>1</sub> E eS NE e NE e N e E	9-22-30 23-44 28.1 32.6 35.0 36.0		USCGS gives H:9-15-15 40.1°N., 126.5°W. Δ(PR <sub>1</sub> -P):37.1° Δ(meas): 37.2°
10	i E i N F	20-59-00 59-16 59.6	.5	Possibly local disturbance
Instruments out of operation June 15, 17h 08m to Sept. 21, 2h 10m.				
September 25	ePR <sub>1</sub> E e E e N e N eL NE F	13-02.5 03.4 03.8 06.4 13 14		USCGS gives H:12-53.6 43.5°N., 128.2°W
October 5	iPR <sub>1</sub> NE iSKP NE i NE	10-05-54 07-02 07-26		USCGS gives H:9-44.3 1°N., 127°E. Δ(PR <sub>1</sub> -H): 133° Δ(meas): 132°
23	eP N e N iS NE iSR <sub>1</sub> E e N i N	6-32-56 34.7 39-46 42-38 42-46 43-38		All times ±10 secs. (time control out of operation). Reported from Anchorage, Alaska.
November 13	iP NE i NE i PR <sub>1</sub> N iS NE e E e NE	12-42-42 45-12 45-24 51-48 56-36 59-50		USCGS gives H:12-31.5 57°N., 163°E. Δ(S-P): 68.4° Δ(meas):69.5°
19	iP NE iPR <sub>1</sub> N iS NE	21-16-42 17-26 21-44		USCGS gives H:21-10.3 14°N., 91°W. Δ(S-P):29.5° Δ(meas):31.0°

ITHACA (Continued)  
November 20 to December 31, 1936

Date 1936	Phase	G C T h m s	Amp. mm.	Remarks
November 22	eP E iPR <sub>1</sub> N e E iS NE i E eL N	18-25-32 26-20 26-34 30-44 32-42 34-12		USCGS gives H:18-19.3 14.5°N., 90.5°W. Δ (S-P):30.9° Δ (P-H):30.2° Δ (meas):30.2°
December 20	eN eL E	2-56-56 2-59.5		USCGS gives H:2-43.4 13.4°N., 88.8°W.
21	eL NE	19-23		Preliminary phases of these two shocks lost in microseisms
21	eL NE	19-48.0		
29	eL E	15-48 ca		

L. C. Conant, Observer

April 30, 1937