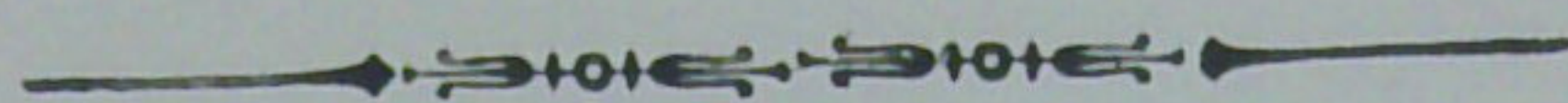


昭 和 七 年

朝 鮮 總 督 府 觀 測 所 年 報



ANNUAL REPORT

OF THE

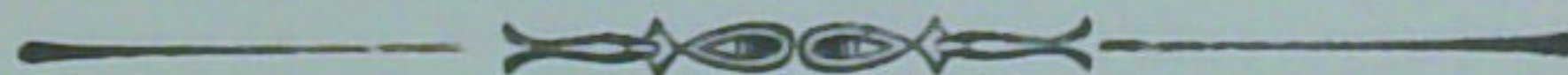
METEOROLOGICAL OBSERVATORY

OF THE

GOVERNMENT-GENERAL OF TYÔSEN

FOR THE YEAR

1932



COMPILED

BY

THE METEOROLOGICAL OBSERVATORY
OF THE GOVERNMENT-GENERAL OF TYÔSEN

ZINSEN

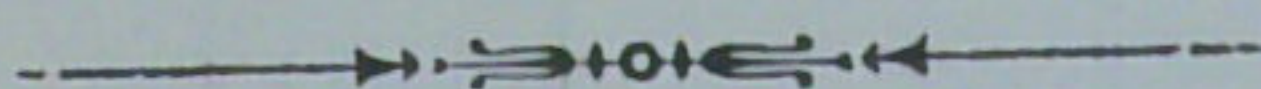
1934

昭和七年

仁川地震観測成績表

Seismic Bulletin for the Year 1932

Zinsen



北緯 37度 29分
東經 126度 38分
標高 69.7米
時刻 グリニチ平時
地質 灰色花崗片麻岩

$\varphi = 37^{\circ} 29' N$
 $\lambda = 126^{\circ} 38' E$
H = 69.7m
TIME : Gr. Mean Time
LITHOLOGIC FOUNDATION : Grey Granite-gneiss

器械

振子ノ目方
大森式微動計(南北動) 50^{mm}
同 (東西動) 50^{mm}
ヅキーヘルト地震計(水平動) 200^{mm}
同 (上下動) 80^{mm}
大森式簡單微動計(南北動) 12^{mm}
同 (東西動) 12^{mm}
強震計(東西・南北・上下動)

INSTRUMENTS

	Comp.	Mass
Oomori's Tromometer.	N	50kg
"	E	50kg
Wiechert Seismograph	N and E	200kg
"	Z	80kg
Oomori's Portable Seismometer	N	12kg
"	E	12kg
Strong motion Seismometer.	N, E and Z	

記號

P 第一初期微動
 \bar{P} もほろびちつち相
PR_n P波ノ地表ニテn回反射セシ波
S 第二初期微動
SR_n S波ノ地表ニテn回反射セシ波
P_cP 地球ノ心核ニテ反射セシ縦波
S_cS 地球ノ心核ニテ反射セシ横波
PS 地表ニテ反射ノ際縦波ヨリ横波ニ變リタル波
L 主要動ノ長波
M 主要動ノ極大動
C 終期微動
F 震動ノ終リ
i 明瞭ナル相
e 不明瞭ナル相
 μ 「ミクロン」 $\frac{1}{1000}$ 耗
A_N 南北動振幅但シ北ヲ正(+)トス
A_E 東西動振幅但シ東ヲ正(+)トス
A_Z 上下動振幅但シ上ヲ正(+)トス
 Δ 震央距離

SYMBOLS AND NOTATIONS

P First preliminary tremors.
 \bar{P} Mohorovičić phase.
PR_n Longitudinal waves n times reflected at the earth's surface
S Second preliminary tremors.
SR_n Transverse waves n times reflected at the earth's surface.
P_cP Longitudinal waves reflected at the core of the earth.
S_cS Transverse waves reflected at the core of the earth.
PS Waves changed from longitudinal to transverse oscillation through reflection at the earth's surface.
L Long waves of the beginning of the surface phase.
M Greatest motion in the surface phase.
C Tail or end portion.
F End of discernible movement.
i Sudden beginning of the motion.
e Gradual beginning of the motion.
 μ Micron, $\frac{1}{1000}$ mm.
A_N N-S component of amplitude.
A_E E-W component of amplitude.
A_Z Vertical component of amplitude.
 Δ Distance of epicenter.

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

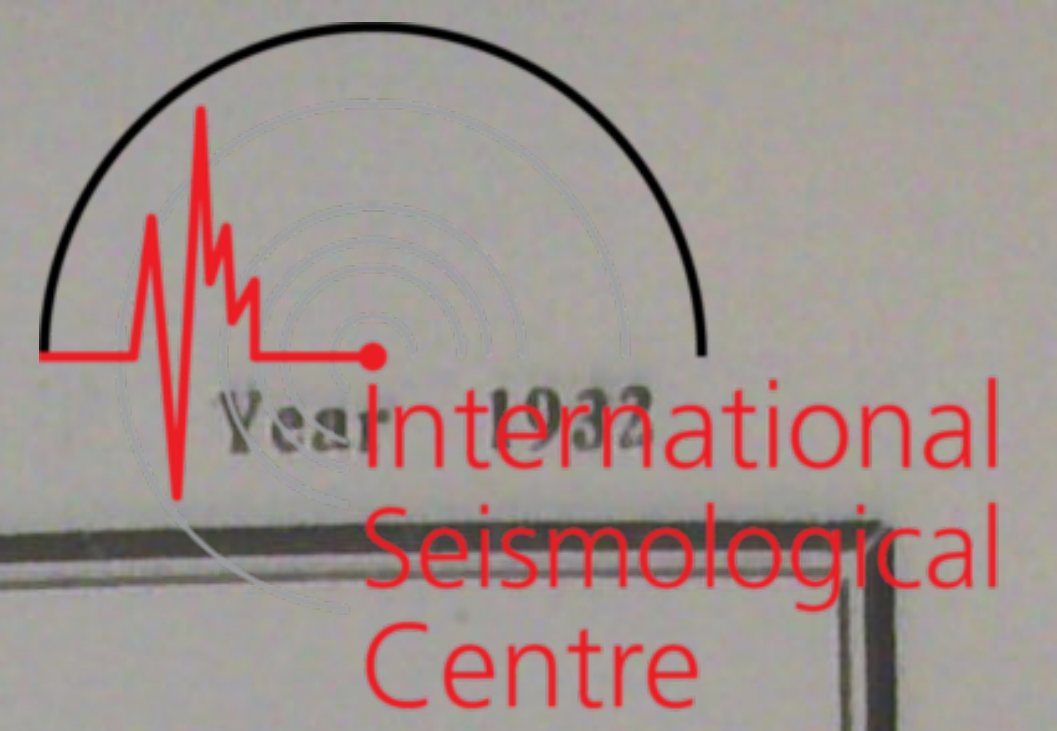
番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ			
1	Jan. 9	iP	時分秒 10 30 10.3	0.9	0.9	0.9	+67	-71	+87	5045	S 6.7 E 5.2 D 13.0	
		iS	10 36 54.8									
		M	10 36 58.6									
		F	10 59 20.									
2	Jan. 27	eP	12 18 8.1						441		Epicenter : 131.9° E 32.1° N Hyūga-nada.	
		L	12 19 7.5									
		F	12 24 0.									
3	Jan. 29	eP	13 50 18.8						5420			
		eS	13 57 23.9									
		eL	14 4 36.9									
		F	14 50 0.									
4	Feb. 3	eL	7 16 33.5						1560		F lost in next quake.	
		F										
5	Feb. 3	eP	7 37 20.7	May be	another	quake.				1560		Epicenter : 140.0° E 29.0° N NW-ern off to the Is- land of Titi, Bonin Islands.
		S	7 40 3.3									
		i	7 40 50.3									
		F	7 53 0.									
6	Mar. 14	P	13 53 16.6						264		Epicenter : 124.5° E 35.7° N Felt slightly over SW-ern coast of Korea	
		P̄	13 53 20.4									
		S	13 53 52.2									
		F	13 58 40.									
7	Mar. 14	P	14 2 51.4						238		Epicenter : 125.0° E 35.7° N.	
		P̄	14 2 53.2									
		S	14 3 23.4									
		F	14 5 50.									
8	Mar. 17	eL?	0 54 8.5								Epicenter : 132.2° E 32.5° N Southern part of Bungo channel.	
		F	0 59 30.									
9	Mar. 19	eP	11 5 1.6								Neighbourhood of Marianne Islands.	
		ePP?	11 5 46.6									
		eL?	11 15 16.0									
		F	11 30 —									
10	Mar. 26	P	0 7 51.5	12	14	14	+96	-101	+128	6090		Aleutian Islands.
		S	0 15 32.3									
		L	0 25 21.7									
		e	0 28 51.7									
		MN	0 30 36.1									
		ME	0 30 38.1									
		MZ	0 31 3.7									
		C	0 35 30.									
		F	0 55 40.									
11	Mar. 26	P	10 0 11.6							4500		
		S	10 6 27.0									
		L	10 13 55.6									
		F	10 39 —									
12	Apr. 4	P	19 19 19.9							1220		Epicenter : 139.5° E 30.6° N Southern off to the Island of Hatizyō. Depth about 300km.
		S	19 21 30.3									
		C	19 24 34.3									
		F	19 51 50.									
13	Apr. 6	eP?	9 14 22.4							1610		Epicenter : 113.° E 30.° N Middle valley of Yantse Valley. Neighbourhood of Hangkow.
		eS?	9 17 9.2									
		C	9 22 26.0									
		F	9 36 50.									

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks	
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ				
14	Apr. 13	P S F	時h 分m 秒s 0 1 14.0 0 8 11.2 0 25 0.							5275			
15	Apr. 26	P S F	17 36 54.6 17 37 1.0 17 37 14.							48		Local shock.	
16	May 2	eP eS eL F	23 31 4.0 23 32 38.8 23 33 2.8 23 46 40.							870		Epicenter: 131.°1 E 31.°4 N Bay of Ariake.	
17	May 5	P S F	4 12 51.8 4 14 53.0 4 19 —							1130		Epicenter: 135.°3E 34.°6N Bay of Oosaka. Depth about 300km.	
18	May 11	eP eL F	6 56 41.1 7 1 52.9 7 16 0.										
19	May 14	eP iP PR ₁ N PR ₂ N S M _E M _N F	13 18 12.5 13 18 18.9 13 18 33.7 13 18 55. 13 23 54.1 13 24 8.1 13 24 8.3 15 32 0.	12	6						3910		
20	May 26	P PR ₁ S F	16 20 47.6 16 20 59.6 16 30 13.4 17 11 30.								8120	S 0.8 E 0.7 D 2.4	
21	May 28	P S L F	2 23 43.4 2 25 34.4 2 26 50.8 2 58 30.								1030		Epicenter: 131.°3 E 29.°2 N NE-ern off to the Island of Amamiōsima.
22	May 28	P F	5 5 1.3 5 14 30.										Epicenter: 130.°8 E 29.°5 N NE-ern off to the Island of Amamiōsima.
23	June 2	eL? F	19 55 10.3 20 2 0.										
24	June 3	e e eS? e eL? e C F	10 50 59.5 10 55 13.5 10 59 3.7 11 2 2.5 11 11 13.5 11 23 30.3 12 36 0. 13 13 0.										Epicenter: 104.°W 16.°N Very destructive in S. W. Mexico.
25	June 8	P S L F	6 16 3.0 6 17 24.8 6 17 46.0 6 26 0.								750		
26	Jnne 8	eP S L F	10 56 8.4 10 57 24.4 10 57 48.4 11 8 30.								690		

昭和七年

仁川
ZINSEN



地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ			
27	June 13	P eS F	時h 分m 秒s 21 2 10.4 21 6 8.6 21 30 0.							24-10		
28	June 14	P L F	6 4 2.9? 6 7 42.9 6 26 0.	Obscured by time mark.								
29	June 14	eL? F	11 25 5.9 11 55 40.									
30	June 18	P S F	1 34 14.3 1 35 39.5 1 44 30.							780		
31	June 18	eP eL F	10 30 36.0 11 11 22.2 12 42 0.								Epicenter : 104.°5 W 18.°8 N Destructive in S.W. Mexico.	
32	June 21	eL F	23 12 11.2 23 19 0.									
33	June 22	P eL F	0 38 49.8 0 41 31.2 0 53 0.									
34	June 29	eL F	18 22 8.7 18 39 0.									
35	July 9	eL? F	13 14 55.9 13 23 30.								Trace only.	
36	July 10	eP? eS? eL F	0 48 17.0 0 51 51.4 0 54 20.5 1 11 0.							2245?		
37	July 10	S? eL F	7 48 38.5 7 53 36.8 8 13 50.									
38	July 25	iP iS MN F	8 26 30.2 8 27 58.6 8 28 2.2 8 47 0.	4			-55			810	N 2.4 W 9.5 U 9.5	
39	July 25	eL F	10 23 9.6 10 36 0.								Mexico.	
40	July 27	e e F	21 27 37.4 21 33 57.4 21 46 —									
41	Aug. 14	P PR ₁ S C F	4 45 22.6 4 45 49.5 4 49 59.8 5 3 14.6 5 37 50.							2920	N 0.1? E 0.7 U 0.5 Epicenter : 95.° E 30.° N	
42	Aug. 17	P F	5 6 13.0 5 6 30.								Local shock. Felt slightly at Genzan.	
43	Aug. 21	P SZ eL C F	4 18 54.0 4 21 45.8 4 22 55.3 4 27 51.1 5 2 50.							1660	N 1.5 E 0.6 U 1.4 Epicenter : 122.°4 E 23.°9 N Eastern off to the coast of Kwarenko, Formosa.	

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 A _N	東西動 A _E	上下動 A _Z			
44	Aug. 22	P	時 ^h 分 ^m 秒 ^s 11 13 41.3							485		Epicenter: 121.9° E 35.7° N
		L	11 14 46.7									
		M _N	11 14 55.5	4			-206					
		M _Z	11 14 59.1			1			+44			
		M _E	11 15 2.7		4			-86				
		C	11 19 44.									
		F	11 48 0.									
45	Sept. 3	P	12 2 3.5							1780		Epicenter: 143.9° E 41.0° N SE-ern off to the cape of Siritia, Hokkaidō.
		e _{SN}	12 5 6.9									
		e _{LN}	12 6 1.1									
		F	12 36 40.									
46	Sept. 11	P	2 6 0.2							540		Tusima Strait.?
		P?	2 6 11.5									
		S _N	2 7 0.4									
		F	2 10 40.									
47	Sept. 23	P	14 24 47.6							1190	N 0.4 E 0.4 D 0.4	Epicenter: 139.0° E 44.7° N Northern part of the Sea of Nippon Deep focus type.
		S	14 26 54.4									
		C	14 31 36.8									
		S _C S _N	14 36 56.0									
		F	15 19 50.									
48	Sept. 26	eP	19 32 28.3							8360		Epicenter: 24.° E 40.° N Destructive in Greece.
		PR ₁ ?	19 34 52.5									
		S	19 42 6.4									
		SR ₁ ?	19 47 12.8									
		SR ₂ ?	19 50 11.0									
		eL	19 56 32.9									
		M _E	20 5 12.7		12			-60				
		M _N	20 10 49.7	12			+40					
		F	20 48 50.									
49	Sept. 29	P	17 51 20.0							2375		Southern off to the Island of Etorō.
		e _{Sz}	17 55 15.2									
		e _L ?	17 57 57.1									
		F	18 44 50.									
50	Oct. 2	eP _Z	3 46 30.9							1850?		
		e _{Sz} ?	3 49 40.6									
		e _{LN} ?	3 51 3.2									
		F	3 57 30.									
51	Oct. 9	P	12 53 5.4							1490	N 0.6 E 0.0 U 3.5	Epicenter: 123.0° E 24.2° N SW-ern off to the Island Yonaguni, Formosa.
		e _{SE} ?	12 55 41.8									
		e _{LN} ?	12 57 21.3									
		F	13 10 50.									
52	Oct. 16	P	12 17 7.8							5695	S 0.5 W 0.7 U 1.1	Epicenter: 155.° E 55.° N Neighbourhood of Alaska.
		PR ₁ ?	12 19 14.8									
		PR ₂ ?	12 19 47.5									
		P _C S?	12 22 11.7									
		S	12 24 28.1									
		PS?	12 24 44.1									
		SR ₁ ?	12 27 44.2									
		SR ₂ ?	12 29 38.									
		e _L ?	12 32 11.3									
		F	13 13 50.									
53	Oct. 23	P	21 31 6.2							1550	N 2.8 E 0.0 U 0.7	Epicenter: 122.3° E 24.2° N ENE-ern off to the coast of Kwarenko, Formosa.
		S _Z	21 33 48.3									
		e _{LE}	21 35 14.7									
		F	21 53 30.									

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

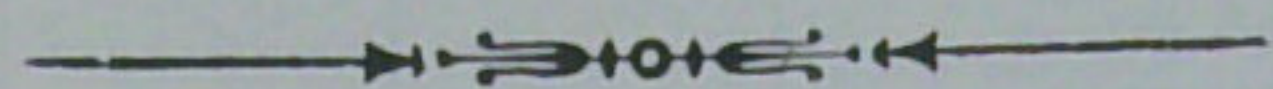
番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks	
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ				
54	Oct. 25	P i SE F	時分秒 17 5 37.0 17 5 42.3 17 8 22.3 17 28 0.							1585		Epicenter: 145.°3 E 46.°3 N ENE-ern off to the Cape of Nakasiretoko, Sakharen.	
55	Nov. 13	iP iE iS C ScSN ScSE F	4 49 17.9 4 49 30.6 4 51 10.6 4 58 19. 5 1 28.6 5 1 29.4 5 43 0.							1050	S 5.3 W 5.5 U 6.8	Epicenter: 137.°3 E 43.°5 N Northern part of the Sea of Nippon Deep focus type.	
56	Nov. 26	P SN SZ eLE eLN F	4 27 5.? 4 29 31.1 4 29 35.7 4 30 32.0 4 30 34.9 4 52 30.							1390		Epicenter: 142.°3 E 42.°4 N Mouth of the River Niikappu, Hokkaido. P obscured by time mark.	
57	Dec. 4	P eN PR _{1Z} PR _{2H} PCPz S eSR _{1E} eSR ₂ L F	8 18 9. 8 18 26.9 8 19 26.8 8 19 49.6 8 20 41.4 8 23 43.3 8 25 23.6 8 25 52.8 8 26 37.4 9 11 10.							3775		Island of Celebes. P obscured by time mark.	
58	Dec. 5	P SN F	0 21 38.8 0 23 30.6 0 27 0.							1040		Epicenter: 137.°0 E 33.°7 N Kumano-nada.	
59	Dec. 15	Pz PN eE eLE? F	19 37 40.5 19 37 40.8 19 40 49. 19 43 39. 19 56 50.									Eastern off to the coast of Kôsyun, Formosa.	
60	Dec. 25	iP PR _{1Z} PR _{2Z} S SR _{1Z} SR _{2Z} L ME MZ C i	2 9 39.3 2 10 20.9 2 10 24.7 2 13 59.1 2 14 59.3 2 15 30.3 2 17 10.3 2 19 56. 2 20 1. 2 38 0. 3 4 3.3		16						2690	S 9.6 E 22.2 U 32.4	Epicenter: 96.° E 44.° N Great earthquake of Mongolia MN out of limit F lost in microseisms.
61	Dec. 26	PN iSE LE F	21 17 19.1 21 19 24.3 21 20 20.7 21 38 0.								1170		Epicenter: 126.°3 E 25.°2 N SW-ern off to the Is- land of Okinawa.
62	Dec. 26	e F	22 39 3.1 22 44 0.										Trace only. Bonin Islands?

昭和七年

京城地震観測成績表

Seismic Bulletin for the Year 1932

Keizyô



北緯 37度 34分
東經 126度 59分
標高 29.2米
時刻 グリニヂ平時
地質 花崗岩

$\varphi = 37^{\circ} 34' N$
 $\lambda = 126^{\circ} 59' E$
 $H = 29.2m$
TIME : Gr. Mean Time
LITHOLOGIC FOUNDATION: Granite

器械

大森式簡單微動計(南北及東西動) 振子ノ目方 12mm

INSTRUMENTS

Oomori's Portable Seismometer N and E. Mass 12kg

記號

P 第一初期微動
P̄ もほろびちつち相
PR_n 地表ニテ n 回反射セシ縦波
S 第二初期微動
SR_n 地表ニテ n 回反射セシ横波
P_cP 地球ノ心核ニテ反射セシ縦波
S_cS 地球ノ心核ニテ反射セシ横波
PS 地表ニテ反射ノ際縦波ヨリ横波ニ變リタル波
L 主要動ノ長波
M 主要動ノ極大動
C 終期微動
F 震動ノ終リ
i 明瞭ナル相
e 不明瞭ナル相
 μ (ミクロン), $\frac{1}{1000}$ 耗
A_N 南北動振幅但シ北ヲ正(+)トス
A_E 東西動振幅但シ東ヲ正(+)トス
J 震央距離

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S Second preliminary tremor.
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P_cP Longitudinal waves reflected at the core of the earth.
S_cS Transverse waves reflected at the core of the earth.
PS Waves changed from longitudinal to transverse oscillation through reflection at the earth's surface.
L Long waves at the beginning of the surface phase.
M Greatest motion in the surface phase.
C Tail or end portion.
F End of discernible movement.
i Sudden beginning of the motion.
e Gradual beginning of the motion.
 μ Micron, $\frac{1}{1000}$ mm.
A_N M-S component of amplitude.
A_E E-W component of amplitude.
J Distance of epicenter.

京 城
KEIZYŌ

昭和七年

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period		半 振 幅 Amplitude		震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	南北動 AN	東西動 AE			
1	Jan. 9	P S L F	時分秒 10 30 7.7 10 36 51.1 10 40 2.1 10 48 —	秒	秒	μ	μ	5015		
2	Jan. 27	eP F	12 17 17.5 12 30 —							Hyūga-nada.
3	Jan. 29	P F	13 49 43.3 14 25 —							
4	Feb. 3	eP F	7 37 12.3 7 45 —							
5	Feb. 14	P S F	13 53 20.0 13 53 59.6 14 1 —					297		Epicenter: 124.°5 E 35.°7 N Felt slightly over SW-ern coast of Korea.
6	Mar. 14	P S F	14 2 56.4 14 3 32.4 14 8 —					267		Epicenter: 125.°0 E 35.°7 N
7	Mar. 17	P S F	0 53 37.2 0 54 31.2 1 — —					401		Epicenter: 132.°2 E 32.°5 N Southern part of Bungo Channel.
8	Mar. 26	P S L ME MN F	0 7 51.1 0 15 30.1 0 19 48.9 0 30 31.5 0 30 37.1 0 48 —		12		—55	6050		Aleutian Islands.
9	Mar. 26	P S F	10 0 14.0 10 6 28.0 — — —					4480		
10	Apr. 4	P S F	19 19 17.7 19 21 27.7 19 36 —					1220		Epicenter: 139.°5 E 30.°6 N Southern off to the Island of Hatizyō. Depth about 300km.
11	Apr. 6	P S L MN ME C F	9 14 8.5 9 17 26.9 9 17 58.5 9 18 2.7 9 18 19.7 9 19 48.5 9 28 —	3		± 7	+10	1940		Epicenter: 113.° E 30° N Middle valley of Yantse Valley.
12	Apr. 13	P S F	0 1 14.4 0 8 12.2 0 21 —					5295		
13	May 2	P L ME MN F	23 31 3.8 23 33 13.2 23 33 21.0 23 33 22.2 23 43 —	3	3	± 4	+7			Epicenter: 131.°1 E 31.°4 N Bay of Ariake.
14	May 5	P S F	4 12 49.0 4 14 16.6 4 27 —					810		Epicenter: 135.°3 E 34.°6 N Bay of Oosaka. Depth about 300km.

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period		半 振 幅 Amplitude		震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	南北動 AN	東西動 AE			
15	May 14	P	時 ^h 分 ^m 秒 ^s 13 18 23.2					3790		
		PR ₁	13 18 32.0							
		S	13 23 58.0							
		ME	13 24 8.0		3		-28			
		MN	13 24 21.6	4		+43				
		L	13 30 18.0							
		F	14 22 —							
16	May 26	P	16 20 48.6					8140		
		S	16 30 15.4							
		F	16 52 —							
17	May 28	P	2 23 44.1					1320	Epicenter: 131.°3 E 29.°2 N NE-ern off to the Island of Amamiōsima.	
		S	2 26 4.5							
		L	2 27 17.5							
		F	2 45 —							
18	June 2	P	19 55 16.4							
		F	20 4 —							
19	June 3	e	10 55 22.7						Epicenter: 16.° N 104° W Very destructive in S. W. Mexico.	
		F	12 35 —							
20	June 8	P	10 55 44.2							
		L	10 57 42.2							
		F	11 4 —							
21	June 13	P	21 2 11.4					2440		
		S	21 6 11.4							
		F	21 22 —							
22	June 14	P	6 4 3.9					2150		
		S	6 7 39.7							
		F	6 24 —							
23	June 14	P	11 24 52.2							
		F	11 33 —							
24	June 18	eI?	10 29 42.3					2150	Epicenter: 104.°5 W 18.°8 N Destructive in S. W. Mexico.	
		ME	11 26 0.3		18		±12			
		MN	11 26 44.3	17		±100				
		F	12 32 —							
25	July 9	e	11 20 58.3							
		F	11 27 —							
26	July 10	P	0 48 4.1							
		eL	0 54 9.9							
		F	1 8 —							
27	July 10	S?	7 48 34.0							
		L	7 52 56.0							
		F	8 6 —							
28	July 25	P	8 26 26.9					790		
		S	8 27 52.7							
		ME	8 27 56.3		3		-5			
		MN	8 27 58.9	4		+10				
		F	8 45 —							
29	July 27	P	21 27 35.5					4665		
		S	21 33 59.5							
		F	21 47 —							
30	Aug. 21	P	4 18 55.3						Epicenter: 122.°4 E 23.°9 N Eastern off to the coast of Kwarenkhô, Formosa.	
		eI?	4 23 17.9							
		F	4 48 —							

京 城
KEIZYÔ



昭和七年

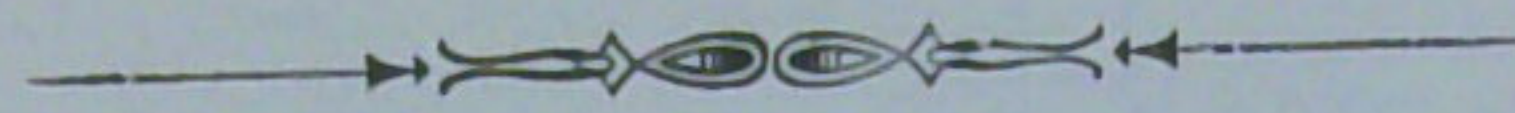
地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period		半 振 幅 Amplitude		震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	南北動 AN	東西動 AE			
31	Aug. 22	P	時分秒 11 13 46.6	3	3	-79?	+34	505		
		L	11 14 55.0							
		M _N	11 15 7.6							
		M _E	11 15 18.1							
		F	11 47 —							
32	Sep. 3	P	12 2 1.0							Epicenter: 143.°1 E 41.°0 N SE-ern off to the Cape of Siriya, Hokkaidô,
		eL?	12 6 1.2							
		F	21 15 —							
33	Sep. 26	P	19 32 27.7					8430		Epicenter: 24.° E 40.° N Destructive in Greece.
		eS?	19 42 10.0							
		F	20 35 —							
34	Sep. 29	P	17 51 17.1					2590		Southern off to the Island of Etorô,
		S	17 55 29.1							
		F	18 5 —							
35	Oct. 9	P	12 53 9.1							Epicenter: 123.°0 E 24.°2 N SW-ern off to the Island of Yonaguni, Formosa.
		eL	12 57 37.1							
		F	13 8 —							
36	Oct. 23	P _N	21 31 9.2					1480		Epicenter: 122.°3 E 24.°2 N ENE-ern off to the coast of Kwarenô, Formosa.
		eS?	21 33 44.1							
		L	21 35 14.8							
		F	21 58 —							
37	Oct. 25	P	17 5 33.6					1566		Epicenter: 145.°3 E 46.°3 N ENE-ern off to the cape of Nakasiretoke During November Seismometers were not in operation.
		S	17 8 17.2							
		F	17 14 —							
38	Dec. 5	P	0 21 35.8					1025		Epicenter: 137.°0 E 33.°7 N Kumano-nada.
		S	0 23 26.3							
		F	0 27 20.							
39	Dec. 15	P	19 37 43.7							Eastern off to the coast of Kôsyun, Formosa.
		F	19 51 0.							
40	Dec. 25	P	2 9 39.2					2640		Epicenter: 96.° E 44.° N Great earthquake of Mongolia.
		S _N	2 13 55.3							
		L	2 17 4.2							
		C	2 32 58.							
		F	3 18 0.							
41	Dec. 25	P	3 4 4.							P obscured by time mark, F lost in preceding quake.
42	Dec. 26	P _N	21 17 21.2					1170		Epicenter: 126.°3 E 25.°2 N SW-ern off to the Island of Okinawa.
		S _E	21 19 26.4							
		L _E	21 20 32.4							
		F	21 31 —							
43	Dec. 26	e	22 39 4.8							
		F	22 43 30.							

大邱地震観測成績表

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Taikyû



北緯 35度 52分
 東經 128度 36分
 標高 50.5米
 時刻 グリニヂ平時
 地質 泥岩

$\varphi = 35^{\circ} 52' N$
 $\lambda = 128^{\circ} 36' E$
 $H = 50.5m$
 TIME : Gr. Mean Time
 LITHOLOGIC FOUNDATION : Shale

器械

振子ノ目方 200mm
 ヴキーヘルト地震計(南北及東西動)
 大森式簡單微動計(南北及東西動)
 強震計(南北、東西及上下動)

INSTRUMENTS

	Comp.	Mass
Wiechert's Seismograph	N and E	200kg
Oomori's Portable Seismometer	N and E	
Strong motion Seismometer	N, E and Z	

記號

P 第一初期微動
 \bar{P} もほろびちつち相
 PR_n 地表ニテ n 回反射セシ縦波

 S 第二初期微動
 SR_n 地表ニテ n 回反射セシ横波

 P_cP 地球ノ心核ニテ反射セシ縦波

 SS 地球ノ心核ニテ反射セシ横波
 PS 地表ニテ反射ノ際縦波ヨリ横波ニ變リタル波

 L 主要動ノ長波
 M 主要動ノ極大動
 C 終期微動
 F 震動ノ終リ
 i 明瞭ナル相
 e 不明瞭ナル相
 μ (ミクロン) $\frac{1}{1000}$ 耗
 A_N 南北動振幅但シ北ヲ正(+) μ ス
 A_E 東西動振幅但シ東ヲ正(+) μ ス
 Δ 震央距離

SYMBOLS AND NOTATIONS

P First preliminary tremor.
 \bar{P} Mohorovičić phase.
 PR_n Longitudinal waves n times reflected at the earth's surface.

 S Second preliminary tremor.
 SR_n Transverse waves n times reflected at the earth's surface.

 P_cP Longitudinal waves reflected at the core of the earth.

 S_cS Transverse waves reflected at the core of the earth.
 PS Waves changed from longitudinal to transverse oscillation through reflection at the earth's surface.

 L Long waves at the beginning of the surface phase.
 M Greatest motion in the surface phase.
 C Tail or end portion.
 F End of discernible movement.
 i Sudden beginning of the motion.
 e Gradual beginning of the motion.
 μ Micron, $\frac{1}{1000}$ mm.
 A_N N-S component of amplitude.
 A_E E-W component of amplitude.
 Δ Distance of epicenter.

地震觀測成績表
 RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 Δ_N	東西動 Δ_E	上下動 Δ_Z			
1	Jan. 9	P S L F	時 ^h 分 ^m 秒 ^s 10 29 52.4 10 36 22.5 10 42 1.7 11 3 0.	秒 ^s	秒 ^s	秒 ^s	μ	μ	μ	4775		
2	Jan. 27	eP eL F	12 17 24.2 12 18 41.2 12 24 20.							571	Epicenter: 131.°9 E 32.°1 N Hyūga-nada.	
3	Jan. 29	eP eL F	13 49 14 0 28.4 14 41 10.									
4	Feb. 3	P S F	7 37 12.8 7 39 23.8 7 46							1230	Epicenter: 140.°0 E 29.°0 N NW-ern off to the Island of Titi, Bonin Islands.	
5	Feb. 5	eP eL F	13 53 32.2 13 59 14.2 14 5 40.									
6	Mar. 14	P \bar{P} S F	13 53 32.6 13 53 36.6 13 54 19.7 13 56 30.							350	Epicenter: 124.°5 E 35.°7 N Felt slightly over SW-ern coast of Korea.	
7	Mar. 14	P \bar{P} F	14 3 8.8 14 3 51.9 14 5 0.							320	Epicenter: 125.°0 E 35.°7 N	
8	Mar. 17	P S F	0 52 1.0 0 52 59.0 0 58							430	Epicenter: 132.°2 E 32.°5 N Southern part of Bungo Channel.	
9	Mar. 19	P S L F	11 1 53.2 11 5 19.2 11 9 51.2 11 30 20.							2030	Neighbourhood of Marriane Islands.	
10	Mar. 26	P L? F	0 7 12.8 0 15 38.8 1 3								Aleutian Islands.	
11	Mar. 26	P S eL? F	9 59 59.4 10 4 56.6 10 9 34.0 10 39 20.							3205		
12	Apr. 4	P S M _N F	19 18 57.0 19 20 50.0 19 21 15.0 19 32 30.	6			± 70			1050	Epicenter: 139.°5 E 30.°6 N Southern off to the Island of Hatizyō. Depth about 300km.	

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 A _N	東西動 A _E	上下動 A _Z			
13	Apr. 6	eP S L F	9 14 13.32 9 17 10.5 9 17 53.4 9 28 20.						1710		Epicenter: 113.° E 30.° N Neighbourhood of Hangkow, China. P obscured by micro- seisms.	
14	Apr. 19	P L M _E M _N F	11 13 57.7 11 14 2.5 11 14 2.5 11 14 2.5 11 14 35.				±11	-20	356		Felt slightly at Genpū-men, near Taikyū.	
15	May 2	P S F	23 30 33.7 23 32 1.7 23 40						653		Epicenter: 131.°1 E 31.°4 N Bay of Ariake.	
16	May 5	eP F	4 12 31.0 4 21 50.								Epicenter: 135.°3 E 34.°6 N Bay of Oosaka. About 300km deep.	
17	May 14	P S M _{1N} M _E M _{2N} F	13 17 59.5 13 23 33.5 13 23 40.5 13 23 51.5 13 25 7.5 15 3 10.	5	4		-274 ±167	±212	3775	N 6 W 3		
18	May 26	eP S eL F	16 20 36.5 16 29 45.5 16 38 16.5 17 8						7780			
19	May 28	P L M _N F	2 23 12.4 2 26 5.6 2 28 15.7 2 45 30.	11			±21				Epicenter: 131.°3 E 29.°2 N NE-ern off to the Island of Amamiōsima.	
20	May 28	eP F	5 3 53.5 5 14 30.								Epicenter: 130.°8 E 29.°5 N NE-ern off to the Island of Amamiōsima.	
21	June 2	eP F	19 56 13.7 20 2 10.									
22	June 3	eP S L F	10 51 22.1 11 2 37.5 11 25 27.5 13 7								Epicenter: 16° N 104° W Very destructive in S. W. Mexico.	
23	June 8	P S F	6 15 22.8 6 16 33.6 6 25 40.						527			
24	June 8	P S F	10 55 32.7 10 56 36.5 11 3 50.						475			



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TAIKYŪ

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地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 A _N	東西動 A _E	上下動 A _Z			
25	June 14	P S F	6 3 51.3 6 7 19.9 6 30 30.							2070		
26	June 14	eP F	11 22 2.1 11 51 30.									
27	June 18	P S L M _N M _E F	1 32 33.0 1 33 21.0 1 33 50.0 1 33 58.0 1 33 59.0 1 46 20.	4	3		±44	±30		356		
28	June 18	P S L F	10 30 47.8 10 38 53.2 10 48 34.2 12 40 20.							6530	Epicenter : 104.°5 W 18.°8 N Destructive in S. W. Mexico.	
29	June 22	P S L F	0 37 16.0 0 39 34.0 0 41 50.0 1 0 10.							1300		
30	June 29	P eS F	18 18 45.2 18 23 13.2 18 33							2795		
31	July 10	P S L F	0 48 18.0 0 52 6.0 0 56 9.0 1 9 0.							2290		
32	July 10	P S L F	7 48 27.8 7 50 22.8 7 52 9.8 8 9 0.							1070		
33	July 25	P S M _N F	8 26 9.5 8 27 19.5 8 27 24.5 8	4			±191			610		
34	Aug. 14	e S M _N C F	4 45 59.5 4 50 18.5 4 50 21.1 5 0 10.8 5 27 40.	6			+21				Epicenter : 95.°0 E 30° N	
35	Aug. 21	P eS? eL C F	4 18 42.6 4 21 29.5 4 22 36.6 4 26 31.6 4 59 0.							1610	Epicenter : 122.°4 E 23.°9 N Eastern off to the coast of Kwarenkô, Formosa.	

大 邱
TAIKYŪ

昭和七年

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ			
36	Aug. 22	P	時 ^h 分 ^m 秒 ^s 11 14 0.5	4	3					546		Epicenter: 121.°9 E 35.°7 N
		S?	11 14 55.0									
		L	11 15 14.0									
		M _N	11 16 5.0									
		M _E	11 16 7.8									
		C	11 20 21.8									
		F	11 52 10.									
37	Aug. 24	P	16 9 41.0						260		Felt slightly at Taikyū.	
		L	16 9 44.5									
		F	16 10 12.									
38	Sep. 3	P	12 1 55.2						1360		Epicenter: 143.°1 E 41.°0 N SE-ern off to the cape of Siriya, Hokkaidō.	
		eS	12 4 19.2									
		F	12 7 30.									
39	Sep. 11	P?	2 6 49.4						434?			
		S	2 7 47.9									
		F	2 11									
40	Sep. 23	P	14 24 53.2	4					1250	S 1.9 W 1.8	Epicenter: 139.°0 E 44.°7 N Northern part of the Sea of Japan. Deep focus type.	
		S	14 27 6.2									
		M _N	14 27 11.8									
		C	14 30 27.0									
		F	14 47 0.									
41	Sep. 26	eI?	19 56 28.0								Epicenter: 24° E 40° N Destructive in Greece.	
		F	20 22 50.									
42	Sep. 29	eI?	17 58 47.8								Southern off to the Island of Etorō.	
		F	18 6 0.									
43	Oct. 1	P	15 10 45.7						1220			
		L	15 12 53.6									
		F	15 15 10.									
44	Oct. 2	e	3 48 30.2									
		L	3 51 5.2									
		F	3 56 10.									
45	Oct. 9	P	12 52 55.2						1430?		Epicenter: 123.°0 E 24.°2 N SW-ern off to the Island of Yonaguni, Formosa.	
		eS?	12 55 25.5									
		eI?	12 57 20.3									
		F	13 3 50.									
46	Oct. 23	P	21 30 55.3						1620?	N 0.3	Epicenter: 122.°3 E 24.°2 N ENE-ern off to the coast of Kwarenkō, Formosa.	
		eS?	21 33 43.5									
		L	21 35 10.9									
		F	21 48 0.									

昭和七年

平壤地震観測成績表

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Heizyô



北緯 39度 2分
東經 125度 45分
標高 51.0米
時刻 グリニヂ平時
地質 下部大同系

$\varphi = 39^{\circ} 2' N$
 $\lambda = 125^{\circ} 45' E$
 $H = 51.0m$
TIME: Gr. Mean Time
LITHOLOGIC FOUNDATION: Lower Daidô System.

器 械

中央氣象臺型簡單微動計 (南北動) 17.7^g
同 (東西動) 17.9^g
強震計 (南北・東西・上下動)

INSTRUMENTS

	Comp.	Mass
Portable Seismometer of C. M. O.	N	17.7kg
"	E	17.9kg
Strong Motion Seismometer	N, E and Z	

記 號

P 第一初期微動
P̄ もほろびちつち相
PR_n 地表ニテ n 回反射セシ縦波

S 第二初期微動
SR_n 地表ニテ n 回反射セシ横波

P_cP 地球ノ心核ニテ反射セシ縦波

S_cS 地球ノ心核ニテ反射セシ横波
PS 地表ニテ反射ノ際縦波ヨリ横波ニ變リタル波
L 主要動ノ長波
M 主要動ノ極大動
C 終期微動
F 震動ノ終リ
i 明瞭ナル相
e 不明瞭ナル相
 μ (ミクロン) $\frac{1}{1000}$ 耗
A_N 南北動振幅但シ北ヲ正(+)^トス
A_E 東西動振幅但シ東ヲ正(+)^トス
A_Z 上下動振幅但シ上ヲ正(+)^トス
 Δ 震央距離

SYMBOLS AND NOTATIONS

P First preliminary tremor.
P̄ Mohorovičić phase.
PR_n Longitudinal waves n times reflected at the earth's surface.
S Second preliminary tremor.
SR_n Transverse waves n times reflected at the earth's surface.
P_cP Longitudinal waves reflected at the core of the earth.
S_cS Transverse waves reflected at the core of the earth.
PS Waves changed from longitudinal to transverse oscillation through reflection at the earth's surface.
L Long waves at the beginning of the surface phase.
M Greatest motion in the surface phase.
C Tail or end portion.
F End of discernible movement.
i Sudden beginning of the motion.
e Gradual beginning of the motion.
 μ Micron, $\frac{1}{1000}$ mm
A_N N-S component of amplitude.
A_E E-W component of amplitude.
A_Z Vertical component of amplitude.
 Δ Distance of epicenter.

平 壤
HEIZYŌ

昭和七年

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ			
			時 ^h 分 ^m 秒 ^s	秒 ^s	秒 ^s	秒 ^s	μ	μ	μkm	μ		
1	Jan. 9	P	10 30 22.8									
		F	11 4 30.									
2	Feb. 3	M	7 40 45.7									
		F	7 52 30.									
3	Mar. 14	P	13 53 31.8							393	Epicenter : 124. ^o E 35. ^o N Felt slightly over SW-ern coast of Korea.	
		L	13 54 24.8									
		ME	13 54 30.2					±20				
		F	14 9 50.									
4	Mar. 26	P	0 7 50.8							5880	Aleutian Islands.	
		S	0 15 20.3									
		L	0 24 13.3									
		M	0 29 36.7									
		C	0 36 6.1									
		F	0 55 —									
5	Apr. 4	P	19 19 35.8							1430	Epicenter : 139. ^o E 30. ^o N Southern off to the Island of Hatizyō. About 300km Deep.	
		S	19 22 6.2									
		L	19 23 45.8									
		F	19 40 —									
6	Apr. 6	P	9 14 26.9							1300	Epicenter : 113. ^o E 30. ^o N Neighbourhood of Hangkow.	
		S	9 16 46.3									
		L	9 17 14.8									
		ME	9 17 29.3					±30				
		F	9 33 30.									
7	May 2	eP	23 31 22.6								Epicenter : 131. ^o E 31. ^o N Bay of Ariake.	
		M	23 34 15.1									
		F	23 43 30.									
8	May 14	P	13 18 27.7							3925		
		S	13 24 11.0									
		ME	13 24 34.7									
		MN	13 24 46.7									
		F	14 45 —									
9	May 26	P	16 20 53.6									
		L?	16 29 25.6									
		M	16 30 44.6									
		F	17 6 —									
10	May 28	P	2 24 4.5							1535	Epicenter : 131. ^o E 29. ^o N NE-ern off to the Island of Amamiōsima.	
		S	2 26 45.0									
		M	2 28 33.9									
		F	2 48 —									
11	June 3	e	10 53 3.2								Epicenter : 16. ^o N 104. ^o W Very destructive in S. W. Mexico.	
		S	11 2 15.5									
		L	11 11 10.0									
		ME1	11 45 3.5		20			-22				
		ME2	11 55 29.5		15			±20				
		C	12 14 58.5									
		F	13 13 —									
12	June 8	P	6 18 3.2									
		F	6 24 —									



平 壤
HEIZYŌ

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地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period			半 振 幅 Amplitude			震央距離 Δ	初 動 First Motion	記 事 Remarks
				南北動 N	東西動 E	上下動 Z	南北動 AN	東西動 AE	上下動 AZ			
26	Oct. 9	PN eSE eLN? F	時分秒 12 53 24.6 12 55 58.4 12 57 39.5 13 11 40.	秒	秒	秒	μ	μ	μ	km 1470	μ	Epicenter: 123.° E 24.° N SW-ern off to the Island of Yonaguni, Formosa.
27	Oct. 16	P S eL? F	12 17 6.0 12 24 24.0 12 33 55.0 13 8 —							5660		Epicenter: 155.° E 55.° N Neighbourhood of Alaska.
28	Oct. 23	P S eL F	21 31 26.3 21 34 41.0 21 36 19.3 21 52 —							1910		Epicenter: 122.°3 E 24.°2 N ENE-ern off to the coast of Kwarenkō, Formosa.
29	Oct. 25	P S F	17 5 33.0 17 8 13.4 17 22 30.							1530		Epicenter: 145.°3 E 46.°3 N ENE- ern off to the cape of Nakasiretoko, Sakharen.
30	Nov. 13	iP iS C ScS F	4 49 12.0 4 50 58.8 4 58 34.0 5 1 30.0 5 35 40.							990		Epicenter: 137.°3 E 43.°5 N Northern part of the Sea of Nippon. Deep focus type.
31	Nov. 26	P S F	4 27 5.1 4 29 36.6 5 0 40.							1445		Epicenter: 142.°3 E 42.°4 N Mouth of the River Niikappu, Hokkaidō.
32	Dec. 4	PN eN PR _{1N} SN SR _{1E} F	8 18 29.1 8 18 42.9 8 19 57.4 8 24 18.5 8 26 25.8 9 2 40.							4035		Island of Celebes.
33	Dec. 25	P S SR _{1E} L M	2 9 27.2 2 13 47.6 2 14 55.5 2 16 53.6 — — —							2690		Epicenter: 96.° E 44.° N Great earthquake of Mongolea. Writing pen ran out of the drum at M.
34	Dec. 26	PN SE F	21 17 42.6 21 20 0.0 21 30 50.							1290		Epicenter: 126.°3 E 25.°2 N SW-ern off to the Island of Okinawa.
35	Dec. 26	ePE? SE F	22 36 39.2 22 39 36.8 22 42 20.							1720?		Bonin Islands?

昭和七年

釜山地震観測成績表

Seismic Bulletin for the Year 1932

Husan



北緯 35度 6分
東經 129度 1分
標高 12.5米
時刻 グリニチ平時
地質 珓岩

$\varphi = 35^{\circ} 6' N$

$\lambda = 129^{\circ} 1' E$

$H = 12.5m$

TIME : Gr. Mean Time

LITHOLOGIC FOUNDATION : Grey Granite-gneiss

器械

INSTRUMENTS

大森式地動計(南北動)

Oomori's Seismometer, N

記號

SYMBOLS AND NOTATIONS

P 第一初期微動
 \bar{P} もほろびちつち相
 PR_n P波ノ地表ニテ n 回反射セシ波

 S 第二初期微動
 SR_n S波ノ地表ニテ n 回反射セシ波

 P_cP 地球ノ心核ニテ反射セシ縦波

 S_cS 地球ノ心核ニテ反射セシ横波
 PS 地表ニテ反射ノ際縦波ヨリ横波ニ
 變リタル波
 L 主要動ノ長波
 M 主要動ノ極大動
 C 終期微動
 F 震動ノ終リ
 i 明瞭ナル相
 e 不明瞭ナル相
 μ (ミクロン), $\frac{1}{1000}$ 耗
 A_N 南北動振幅但シ北ヲ正(+)トス
 Δ 震央距離

P First preliminary tremor.
 \bar{P} Mohorovičić phase.
 PR_n Longitudinal waves n times reflected at the earth's
 surface.
 S Second preliminary tremor.
 SR_n Transverse waves n times reflected at the earth's
 surface.
 P_cP Longitudinal waves reflected at the core of the
 earth.
 S_cS Transverse waves reflected at the core of the earth.
 PS Waves changed from longitudinal to transverse
 oscillation through reflection at the earth's surface.
 L Long waves at the beginning of the surface phase.
 M Greatest motion in the surface phase.
 C Tail or end portion.
 F End of discernible movements.
 i Sudden beginning of the motion.
 e Gradual beginning of the motion
 μ Micron, $\frac{1}{1000}$ mm.
 A_N N-S component of amplitude.
 Δ Distance of Epicenter.



釜山
HUSAN

昭和七年

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period		半 振 幅 Amplitude		震 央 距 離 Δ km	初 動 First Motion	記 事 Remarks
				南 北 動 N	南 北 動 N	南 北 動 N	南 北 動 N			
1	Jan. 9	eP F	時h 分m 秒s 10 29 47.4 10 38 0.							
2	Jan. 27	eP F	12 16 49.6 12 20 30.							Epicenter: 131.°9 E 32.°1 N Hyūga-nada.
3	Feb. 3	eP F	7 37 4.5 7 38 0.							Epicenter: 140.°0 E 29.°0 N NW-ern off to the Island of Titi, Bonin Islands.
4	Mar. 14	P S F	13 53 43.7 13 54 28.7 13 58 20.					334		Epicenter: 124.°5 E 35.°7 N Felt slightly over SW-ern coast of Korea.
5	Mar. 14	P S F	14 3 15.5 14 4 2.0 14 6 50.					345		Epicenter: 125.°0 E 35.°7 N
6	Apr. 4	P eL F	19 18 44.6 19 20 30.6 19 23 40.							Epicenter: 139.°5 E 30.°6 N Southern off to the Island of Hatzidy. Depth about 300km.
7	Apr. 6	eL? F	9 18 36.5 9 23 30.							Epicenter: 113.° E 30° N Neighbourhood of Hangkow, China.
8	Apr. 19	P S F	11 14 2.7 11 14 11.7 11 15 4.					67		
9	May 2	P S F	23 30 43.9 23 31 38.9 23 34 30.					408		Epicenter: 131.°1 E 31.°4 N Bay of Ariake.
10	May 14	P F	13 17 54.4 13 58 50.							
11	May 26	eP F	16 20 28.1 16 49 10.							
12	May 28	eP F	2 23 4.4 2 28 10.							Epicenter: 131.°3 E 29.°2 N NE-ern off to the Island of Amamiōsima.
13	June 14	eP F	4 53 23.7 4 55 0.							
14	June 18	P S F	1 32 21.9 1 33 37.9 1 37 50.					564		

釜 山
HUSAN

昭和七年

地震觀測成績表
RESULTS OF SEISMIC OBSERVATIONS

番號 No.	月 日 Date	相 Phase	時 刻 G.M.T.	週 期 Period		半 振 幅 Amplitude	震 央 距 離 Δ	初 動 First Motion	記 事 Remarks
				南 北 動 N	南 北 動 AN				
15	July 25	eP iS F	時 ^h 分 ^m 秒 ^s 8 26 6.1 8 27 11.1 8 39 20.	秒	μ	482			
16	Aug. 14	e e S F	4 46 25.2 4 47 44.3 4 50 21.3 5 8 10.					Epicenter: 95.° E 30° N	
17	Aug. 21	P eL? F	4 18 33.7 4 22 27.1 4 35 50.					Epicenter: 122.°4 E 23.°9 N Eastern off to the coast of Kwarenkô, Formosa.	
18	Aug. 22	P L M _N F	11 13 25.3 11 14 35.5 11 14 51.5 11 35 40.		+279	521		Epicenter: 121.°9 E 35.°7N	
19	Sep. 3	P F	12 1 56.8 12 9 20.					Epicenter: 143.°1 E 41.°0 N SE-ern off to the coast of Siriya, Hokkaidô.	
20	Sep. 23	P S F	14 24 58.9 14 27 14.4 14 46 10.			1285		Epicenter: 139.°0 E 44.°7 N Northern part of the Sea of Nippon.	
21	Nov. 13	P S F	4 49 23.8 4 51 21.6 5 3 0.			1100		Epicenter: 137.°3 E 43.°5 N Northern part of the Sea of Nippon.	
22	Nov. 17	e F	23 34 39.0 23 36 10.						
23	Nov. 26	P eS F	4 27 1.4 4 29 23.7 4 32 40.			1340		Epicenter: 142.°3 E 42.°4 N Mouth of the River Niikappu, Hokkaidô	
24	Dec. 4	eP eS? F	8 17 50.8 8 23 1.0 8 35 30.			3385?		Island of Celebes.	
25	Dec. 5	e F	0 21 7.9 0 26 30.					Epicenter: 137.°0 E 33.°7 N Kumano-nada.	
26	Dec. 25	P S L M _N C F	2 10 9.1 2 14 56.9 2 18 20.9 2 19 41.9 2 35 2. 3 6 20.	14	-569	3070		Epicenter: 96° E 44° N Great earthquake of Mongolia.	
27	Dec. 26	P F	21 16 50.1 21 19 10.					Epicenter: 126.°3 E 25.°2 N SW-ern off to the Island of Okinawa.	