

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0m$  Underground : alluvial.

Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Jan. 1 to Jan. 14 1925.

Phase	Time	Period	Amplitude			Distance	Remarks
			AE	AN	AZ		
	h m s	s	$\mu$	$\mu$	$\mu$	km	
eE	6 01 44						
FE	6 04 22						
PN	2 27 28.1						Felt in northern half part of Formosa.
SN	2 27 36.1						
LN	2 27 46.0						
MZ	2 27 52.5	2.4			166		
FZ	2 40 30.0						
PE	15 23 48.3						Felt in greater part of Formosa except the extreme south.
SE	15 24 02.2						
MN	15 24 05.2	1.5		140			
ME	15 24 05.6	1.3	266				
FE	15 34 00.0						
PZ	14 13 12.3						Felt in northern half Part of Formosa.
LZ	14 13 28.4						
ME	14 13 32.2	1.1	46				
MN	14 13 39.6	1.1		50			
FN	14 17 00.0						
PE	0 10 00						
PPE	0 12 04						
PPPE	0 14 19						
SE	0 15 33						
LE	0 18 34						
M <sub>1</sub> E	0 26 11	18.0	535				
M <sub>2</sub> E	0 27 33	17.0	150				
M <sub>3</sub> E	0 36 28	13.7	165				
FE	2 30 00						
eE	18 53 57						
LE	18 54 30						
FE	19 04 --						
eE	0 32 55						
FE	0 35 00						
PE	16 42 21						
SE	16 42 39						
FE	16 51 00						F lost in following quake.
eE	17 04 15						
PE	17 06 39						
FE	17 09 33						
eE	17 31 58						
SE	17 32 24						
FE	17 36 43						
eE	17 37 02						
FE	17 40 00						

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Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Jan. 14 to Feb. 7 192

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
	PE	19 <sup>h</sup> 04 <sup>m</sup> 12 <sup>s</sup>	s	$\mu$	$\mu$	$\mu$	km	
14	SE	19 04 20						
	FE	19 13 24						
	eE	8 31 53						
15	FE	8 33 05						
	PE	8 08 14.7						
16	SE	8 09 48.7						
	FE	9 48 --						
	PZ	14 34 04.4						Felt in the mountainous districts of central Formosa.
"	LE	14 34 24.9						
	ME	14 34 26.0	1.3	46				
	FE	14 36 26.0						
	eE	22 38 --						
17	FE	23 20 --						
	PZ	14 59 35.7						F lost in following quake.
20	LE	15 03 50						P lost in the tail of preceding.
"	FE	15 14 --						
	eE	11 10 --						
21	FE	11 25 --						
	PE	2 03 28						
23	LE	2 03 37						
	ME	2 03 38	1.1	79				
	MN	2 03 39	1.1		96			
	FE	2 11 00						Initial movement 8 microns downward.
	PZ	23 32 15.4						
"	LZ	23 32 23.8						
	FZ	23 34 15.0						
	PE	8 43 45.5						
25	LE	8 43 54.5						
	FE	8 45 02.6						
	PZ	13 20 41.8						
29	LE	13 20 50.6						
	FE	13 22 00.0						
Feb. 1	eE	17 22 22						
	eLE	17 28 58						
	FE	17 55 --						
3	eE	2 46 49						
	LE	2 48 34						
	FE	2 59 --						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To			PAPER SPEED
					V	r	s	
Omori	EW	No	16 kgm	Smoked sheet	25.0	20		125 m.m.
Omori	NS	No	55 "	"	8.0	120		125 "
Wiechert	NS	Air	200 "	"		80		22.5 "
Wiechert	EW	Air	200 "	"		80		22.5 "
Wiechert	Vert.	Air	80 "	"		80		25.0 "



From Feb. 8 to Feb. 23 1923

Date and Time	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
8	PZ	7 41 28.3	s	$\mu$	$\mu$	$\mu$	km Max. lost because of amplitudes too large to register. Felt in the whole region of Formosa.	
	LN	7 41 36.7						
	FN	7 50 00.0						
9	eE	2 05 08						
	FE	2 11 30						
"	eE	15 34 08						
	LE	15 34 30						
	FE	15 37 30						
14	eP-E	14 41 13.6						
	P-E	14 42 41.9						
	SE	14 44 27.3						
	LE	14 47 15.8						
	FE	15 04 --						
"	eE	19 56 37.9						
	FE	19 58 36.7						
15	eN	5 07 15						
	LN	5 07 35						
	FN	5 08 55						
18	eE	5 48 07						
	FE	5 56 --						
18	eN	0 53 09						
	FN	0 54 33						
19	PZ	21 33 45.8					Felt in the Northern Part of Formosa.	
	LE	21 33 55.7			66			
	MN	21 33 56.0	0.7					
	ME	21 33 56.1	0.9	61				
	FE	21 35 33.						
21	PN	3 38 02.5						
	LN	3 38 08.5						
	FN	3 40 14.0						
"	PE	5 41 31.9					Very faint trace only.	
	LE	5 41 38.5						
	FE	5 43 20.0						
22	LN	21 40 --						
	FN	22 23 --						
23	PN	6 50 22.0						
	LN	6 50 25.4						
	FN	6 52 33.0						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "

From Feb. 26 to Mar. 13 1929.



Date	Phase	Time h m s	Period s	Amplitude			Distance km	Remarks
				AE $\mu$	AN $\mu$	AZ $\mu$		
26	LN	9 30 --				Only	slight	trace.
	FN	10 10 --						
"	eZ	11 42 50.0						
	FZ	11 44 52.0						
28	eZ	1 42 27.4						
	FZ	1 44 48.0						
1	eN	8 47 45.7						Initial movement 20 micron upward.
	LN	8 48 01.4						
	MN	8 48 03.0	1.3		50			
	FN	8 50 52.7						
"	eN	8 52 03.4						
	FN	8 54 33.4						
"	eN	14 09 10.7						
	FE	14 10 53.1						
7	PE	1 44 29.8						
	SE	1 52 24.2						
	FE	3 30 00.0						
"	PE	5 31 03.3						
	LE	5 31 11.0						
	ME	5 31 15.8	1.8	23				
	FE	5 32 53.0						
9	eN	2 16 20						
	LN	2 19 53						
	FN	2 36 --						
"	PN	2 45 09						
	LN	2 46 02						
	FN	2 48 27						
10	PN	3 42 43.0						
	LN	3 43 04.6						
	FN	3 46 00.0						
"	PN	14 38 54						
	LN	14 44 47						
	FN	15 11 --						
11	eE	14 48 38.5						
	LE	14 48 50.9						
	FE	14 55 33.7						
13	eZ	11 43 47.0						
	LN	11 44 00.2						
	FN	11 45 37.0						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Mar. 14 to Mar. 24 1925

No.	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
14	eN	15 41 40.0	0.5	20		Local	km shock.	
	LN	15 41 43.9						
	MN	15 41 45.4						
	FN	15 43 00.0						
17	PZ	15 33 08.9	1.7	50	51			
	LZ	15 33 25.4						
	MN	15 33 33.8						
	ME	15 33 40.1						
	FZ	15 40 30.0						
"	PZ	18 06 56.5						
	LZ	18 07 15.6						
	FZ	16 10 30.0						
18	eE	23 31 --					Very faint sinusoidal waves.	
	FE	23 54 --						
19	eN	2 31 51.9					Felt in the central region of Formosa.	
	LN	2 32 13.4						
	FN	2 34 35.9						
"	eE	20 38 05					Local shock.	
	FN	20 39 47						
20	eE	19 15 29.4					Do.	
	FE	19 17 00.0						
"	eE	21 12 49.7						
	LE	21 12 58.5						
	FE	21 21 --						
"	eE	21 26 24						
	LN	21 26 40						
	FN	21 28 35						
22	eN	3 12 57.5						
	FN	3 20 00.0						
"	eE	10 46 12.1						
	FL	10 50 30.0						
"	eN	17 30 53.4						
	LN	17 31 07.6						
	FN	17 33 39.5						
23	eN	20 05 37						
	FN	20 25 00						
"	PZ	6 10 48.3						
	LZ	6 10 57.3						
	FE	6 13 32.9						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "

From Mar. 24 to Apr. 9 192.



No.	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
24	eE LE FE	21 <sup>h</sup> 13 <sup>m</sup> 10 <sup>s</sup> .6 21 13 23.8 21 14 52.8	s	$\mu$	$\mu$	Felt in the central region of Formosa.		
25	PZ LZ OMN ME FN	8 35 51.8 8 36 21.2 8 36 21.6 8 36 20.4 8 42 22.2	1.2 1.2	77	38			
26	eE LE FE	2 04 28.5 2 04 36.8 2 06 30.3				Local shock.		
"	eZ LE FE	5 23 00.9 5 23 08.5 5 25 44.3				Do.		
28	eZ FZ	0 42 22.6 0 43 43.5				DO.		
31	eE FE	5 31 40 6 20 --				Only slight trace.		
"	eE LN FN	12 50 58 12 51 36 12 53 47				Only slight trace.		
"	eE FE	20 24 30 21 10 --						
4	PE LE ME FE	6 22 23.8 6 22 30.3 6 22 39.9 6 25 56.5	1.4	44				
5	eE FE	8 28 18.5 8 35 12.0						
7	eE LE FL	6 53 51.3 6 53 54.7 6 55 32.8						
8	PZ LE FE	10 21 31.3 10 24 26.5 10 37 --						
9	eN LN FN	11 36 01.4 11 36 13.4 11 38 06.0						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 mm.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 7

From Apr. 10 to Apr. 24 1928

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
10	eN	7 40 09.5						Felt in southern districts of Formosa.
	LN	7 40 34.6						
	FN	7 42 10.1						
12	eN	10 29 13.7						Local shock.
	LN	10 29 25.0						
	FN	10 31 19.0						
"	PE	15 50 18.9						
	LE	15 50 28.8						
	FE	15 55 21.1						
"	PE	18 42 28.9						
	FE	18 46 12.9						
"	eE	18 49 47.0						
	FE	18 52 28.3						
13	eE	9 04 33.6						
	SE	9 04 47.0						
	LE	9 04 59.2						
	FE	9 09 49.3						
15	eN	5 47 47						
	LN	5 48 00						
	FN	5 50 37						
"	eZ	14 43 00.9						Felt in the mountainous districts of central Formosa.
	LE	14 43 19.3						
	MN	14 43 23.8	1.2		34			
	ME	14 43 29.8	1.4	30				
	FN	14 47 16.9						
17	eE	0 27 48.1						Felt at Tinan, east coast of Formosa.
	LE	0 27 59.6						
	FE	0 30 41.7						
18	eE	8 24 56.3						Felt in Southeastern coast of Formosa.
	LE	8 25 10.3						
	MN	8 25 18.7	1.3		38			
	ME	8 25 35.5	1.1	41				
	FE	8 28 21.1						
22	PZ	0 57 22.8						
	LE	05 57 52.9		57				
	FE	0 59 38.0						
24	eE	14 27 15.8						
	LE	14 27 25.9						
	FE	14 28 41.4						

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
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Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Apr. 27 to May 18 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
27	PN	21 49 13.4						
	LN	21 49 49.8						
	FN	21 52 27.3						
"	PN	19 57 10.1						
	LN	19 57 16.1						
	FN	19 58 32.3						
1 V	PE	15 47 05.4						
	SE	15 55 07.4						
	LE	16 03 53.1						
	ME	16 11 49.8	14.4	51		83		
	MZ	16 14 13.6	14.6					
	ME	16 14 18.6	13.6	80				
	FE	16 55 ---						
3	eN	14 40 --						Only trace.
	FN	14 55 --						
7	eE	8 49 44.9						
	FE	8 52 21.7						Only trace.
"	eN	16 46 --						
	FN	17 10 --						
8	eE	11 31 43.5						
	LE	11 31 58.0						
	FE	11 34 17.4						
13	eE	5 30 22.2						
	LE	5 30 31.5						
	FE	5 52 13.8						Only trace.
"	eE	13 58 --						
	FE	14 10 --						
15	PN	16 54 39.4						
	LN	16 54 46.6						
	FN	16 56 38.0						
"	eE	17 08 48.3						
	FE	17 09 53.0						
"	PE	22 49 41.0						
	LE	22 49 50.5						
	FE	22 52 15.6						
16	eE	10 10 42.5						
	FE	10 11 59.1						Only trace.
18	LN	7 15 --						
	FN	7 37 --						



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Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 9

From May 18 to May 27 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
After sent out the preceding bulletins, it was found that following all local shock between No. 96 and 97, was overlooked, then No. 97 and succeeding should be read 98, 99 &c.								
1	PN	4 37 03.6						
	LN	4 37 22.8						
	FN	4 38 56.7						
18	PZ	19 55 04.5						Felt in the northern part of Formosa.
	ME	19 55 13.8						
	MZ	19 55 26.4	1.1					274
	FZ	20 01 ---						
19	PN	4 25 55.2						
	FE	4 27 46.3						
20	eN	5 09 30						
	FN	5 55 --						
21	eE	5 40 53						
	LE	5 41 35						
	ME	5 41 45	1.2	68				
	Fe	5 44 30						
"	eE	16 38 35.8						Strong quake felt in Miyazaki Prefecture, epic. off coast of Miyazaki, Kyusyu, Japan.
	LE	16 40 40.4						
	ME	16 45 14.0	16.8	463				
	FE	17 13 ---						
"	PE	19 33 07.0						
	LE	19 33 14.8						
	FE	19 34 41.3						
24	eN	9 08 12						
	FN	9 10 18						Only trace.
"	eN	18 49 --						
	FN	19 03 --						
25	PN	2 12 57.0						
	LN	2 13 10.6						60
	MN	2 13 12.5	1.7					
	ME	2 13 12.8	1.6	31				
	FE	2 17 45.1						
26	PE	23 02 42.5						
	SE	23 14 54.3						
	ME	23 29 05.5	18.9	500				
	ME	23 32 33.7	18.5	520				
	FE	0 45 ---						
27	PZ	3 20 49.0						
	LE	3 20 56.3						
	FE	3 27 03.9						

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Omori	NS	No	55 "	"	8.0	120		125 "
Wiechert	NS	Air	200 "	"		80		225 "
Wiechert	EW	Air	200 "	"		80		225 "
Wiechert	Vert.	Air	80 "	"		80		25.0 "



From May 28 to June 4 1929.

Date and Time	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
28	eE	22 11 34.9						
	LE	22 11 34.7						
	FE	22 13 02.0						
29	eE	21 08 06						Times uncertain.
	FE	21 10 05						
30	eE	3 39 36.9						
	LE	3 39 42.8						
	FE	3 41 56.6						
"	eE	4 34 34.9						
	LE	4 34 37.4						
	FE	4 35 41.0						
"	eE	19 53 54.7						
	LE	19 53 58.0						
	FE	19 55 13.4						
31	eE	0 15 30.6						
	FE	0 18 46.4						
"	PE	1 21 22.9						
	LE	1 21 29.3						
	MN	1 21 33.0	1.2			89		
	ME	1 21 47.2	1.6	61				
	FE	1 25 48.4						Times uncertain.
"	eN	23 55 58						
	FN	23 58 48						
he 1	eE	4 33 34.4						
	FE	4 35 25.7						
"	eE	13 59 23.6						
	FE	14 00 20.0						Times uncertain.
"	eN	18 00 43						
	LN	18 02 12						
	FN	18 16 --						Epic. Kumano Nada off coast of Wakayama Prefecture.
" 2	PZ	21 43 02.8						
	LN	21 44 47.3						
	MN	21 45 02.6	5.4			72		
	ME	21 45 09.0	4.5	79				
	FE	22 02 --						
" 3	eE	20 56 --						
	FE	21 16						Local shock.
" 4	eE	0 10 42.2						
	FE	0 11 50.0						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground : alluvial.

Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 11

From June 4 to June 13 1929

Date	Phase	Time	Period	Amplitude			Distance	Remarks		
				AE	AN	AZ				
4	PE	15 <sup>h</sup> 19 <sup>m</sup> 56 <sup>s</sup> .0	s	$\mu$	$\mu$	$\mu$	km			
	LE	15 23 01.1								
	FE	16 06 --. --								
5	eE	12 21 37.5								
	LE	12 21 40.8								
	FE	12 24 17.7								
6	eN	8 57 08						Felt at Batoran east co. the Island.		
	LN	8 57 10								
	FN	8 59 28								
7	eN	3 57 56.1								
	LN	3 58 00.6								
	FN	3 59 23.0								
8	PE	1 04 05.8		62				Felt in the central mountainous districts of Island.		
	SE	1 04 16.4								
	LE	1 04 22.2								
	ME	1 04 28.2							1.3	
	MN	1 04 34.0							1.3	40
	FE	1 07 41.8								
"	eE	5 09 46.6								
	FE	5 11 09.6								
"	eN	20 16 46								
	FN	20 18 50								
9	eE	9 16 03								
	FE	10 35 --								
"	EE	12 28 05.7								
	FE	12 30 40.8								
"	eN	17 02 24								
	LN	17 02 53								
	FN	17 04 46								
10	PE	8 31 25.1								
	LE	8 31 34.0								
	FE	8 33 23.5								
12	PZ	11 50 00								
	FE	12 10 --								
"	eE	14 41 32.6								
	FE	14 50 --. --								
13	eE	0 24 00								
	FE	1 10 --								

No. 98 should dated May 2 not May 3 as reported in the bulletin  
 No. 8.

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

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Time : Mean Greenwich, midnight to midnight.

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 12

From June 13 to June 28 1929.

Date	Phase	Time h m s	Period s	Amplitude			Distance km	Remarks
				AE $\mu$	AN $\mu$	AZ $\mu$		
13	eE	9 27 15						
	FE	9 28 18						
"	eE	9 28 43.0						
	LE	9 31 56.3						
	MN	9 32 35.1	4.7	127				
	ME	9 32 37.7	4.2		113			
	FE	11 10 ---						
"	eE	19 51 40.7						
	FE	20 53 ---						
"	eE	23 04 40.3						
	FE	0 10 ---						
15	eE	11 03 43.8						
	FE	11 05 06.5						
"	eN	19 39 40						Earthquake does not appear to have been a single one, but do not admit of resolution.
	FN	20 40 --						
16	PE	23 00 03.8						
	LE	23 10 07.8						
	FE	2 10 ---						
17	eE	10 20 56.9						
	LE	10 27 56.5						
	FE	10 32 ---						
19	eE	7 34 56.7						
	LE	7 38 14.1						
	FE	9 25 ---						
21	eE	4 45 --						
	FE	5 35 --						
23	eE	21 54 --						
	FE	22 55 --						
25	PE	16 44 29.4						Felt in the central region of Formosa.
	SE	16 44 36.8						
	LE	16 44 43.3						
	ME	16 44 48.6	1.3	70				
	FE	16 48 14.9						
27	eE	13 06 35						
	LE	13 20 38						
	FE	15 05 --						
28	eE	20 25 32.2						
	LE	20 25 40.1						
	FE	20 26 38.8						

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Time : Mean Greenwich, midnight, to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			225 "
Wiechert	EW	Air	200 "	"		80			225 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 13

From June 30 to July 13 1929.

Date and Time	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
e 30	eE	2 <sup>h</sup> 49 <sup>m</sup> 02 <sup>s</sup> .6	s	$\mu$	$\mu$	$\mu$	km	
	SE	2 52 02.1						
	FE	4 23 ---						
"	eE	5 18 30						
	FE	6 30 --						
"	eE	18 44 38.6						
	LE	18 44 46.4						
	FE	18 46 12.8						
4	PE	7 57 16.1						
	LE	7 57 30.2						
	FE	7 58 51.2						
5	eE	14 33 08						
	FE	15 40 --						
"	eE	22 52 --						
	FE	23 50 ---						
6	eE	0 34 01.1						
	LE	0 34 04.4						
	FE	0 35 14.9						
"	eE	13 54 53.8						
	LE	13 55 01.0						
	FE	13 56 34.6						
7	PE	21 32 34						
	SE	21 39 55						
	LE	21 45 11						
	MN	21 52 40	27.7		68			
	FE	23 45 --						
9	eE	10 36 02.5						
	LE	10 36 16.4						
	FE	10 38 46.0						
12	eE	15 36 46.9						
	LE	15 36 58.6						
	FE	15 38 27.9						
"	eE	17 17 39.1						
	FE	17 19 33.6						
"	eE	18 01 26.6						
	FE	18 14 30.0						
"	eE	14 58 19.3						
	FE	-- -- ---						
"	eE	15 04 21.9						
	FE	15 16 ---						

F lost in following quake.

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Time : Mean Greenwich, midnight to midnight.

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From **July 14** to **Aug. 8** 192<sup>9</sup>.

No.	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
14	PE	9 <sup>h</sup> 45 <sup>m</sup> 54 <sup>s</sup> .0	s	$\mu$	$\mu$	$\mu$	km	
	SN	9 48 38.2						
	LN	9 52 12.9						
	FN	10 12 ---						
15	eM	7 55 30						
	FN	8 35 --						
16	PE	6 05 09.1						
	LE	6 05 25.5						
	FE	6 07 21.1						
21	eN	13 20 34						
	FN	13 50 --						
22	PE	18 05 18.3						
	LE	18 05 44.2						
	FE	18 08 35.1						
23	eZ	2 54 59.7						
	LE	2 55 08.6						
	FE	2 57 40.3						
25	eN	8 29 39.0						
	FN	8 31 34.0						
26	eE	1 49 42.7						
	FE	1 52 17.0						
"	PN	22 52 54.7						
	FN	23 30 ---						
27	eE	16 30 33.5						
	FE	16 32 35.0						
"	eN	20 55 40						
	LN	20 56 07						
	FN	20 59 50						
8. 1	PE	5 08 11.2						
	eE	5 39 00.1						
	FE	5 44 43.5						
4	eE	10 39 54.7						
	LE	10 40 14.5	2.0			19		
	ME	10 40 56.0						
	FE	10 47 19.7						
8	PN	13 06 57.9						
	SZ	13 10 20.9						
	LZ	13 10 54.8						
	ME	13 11 59.7	7.5			101		
	FE	13 45 ---						

F lost in following quake.

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Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Aug. 8 to Aug. 22 1929.

No.	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
8	eE	14 24 30.6						
	FE	14 26 30.0						
9	eE	9 05 00.4						
	LE	9 05 05.0						
	FE	9 07 57.1						
11	eE	12 44 02.0						
	LE	12 44 17.9						
	FE	12 45 31.8						
"	PE	17 39 40.0						
	LZ	17 40 00.3						
	FZ	17 41 31.4						
14	eZ	14 06 00.4						
	FZ	14 07 15.4						
"	eZ	21 43 20.5						
	FZ	21 44 12.0						
17	eE	14 25 48.9						
	FE	14 29 19.6						
19	P	2 48 30.7						
	L	2 48 49.3						
	F	3 30 ---						
"	PE	20 44 53.3						
	LE	20 45 10.1						
	ME	20 45 12.5						
	FE	21 15 ---						
20	PE	16 38 40.5						
	LE	16 38 58.5						
	MN	16 38 59.7	1.8			4050		1300
	ME	16 39 01.3	1.4					
	ME	16 39 01.8	1.8	7750				
	FE	17 04 ---						
21	eE	9 32 --						
	FE	9 50 --						
22	eN	21 07 50.0						
	LN	21 07 59.5						
	MN	21 07 59.7	0.8					28
	FN	21 10 05.0						
"	eN	21 20 51.0						
	LN	21 20 58.8						
	MN	21 20 59.4	0.5					311
	FN	21 23 16.0						

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Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To			PAPER SPEED
					V	r	s	
Omori	EW	No	16 kgm	Smoked sheet	25.0	20		125 m.m.
Omori	NS	No	55 "	"	8.0	120		125 "
Wiechert	NS	Air	200 "	"		80		225 "
Wiechert	EW	Air	200 "	"		80		225 "
Wiechert	Vert.	Air	80 "	"		80		25.0 "



From Aug. 22 to Aug. 29 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
22	eN	22 23 14						
	FE	22 24 26						
23	eE	5 22 40.6						
	LE	5 22 51.1						
	ME	5 22 53.8	0.8	34				
	FE	5 25 38.6						
"	eZ	15 12 39.5						
	LZ	15 12 59.5						
	ME	15 13 10.0	1.6	111				
	FE	15 20 20.0						
"	eZ	15 24 38.9						
	LZ	15 24 58.5						
	ME	15 25 10.4	1.4	226				
	FE	15 32 53.0						
"	eE	19 14 53.5						
	LE	19 15 12.9						
	ME	19 15 23.8	1.4	65				
	FE	19 19 17.0						
24	PN	21 51 17						
	LN	21 51 37						
	MN	21 51 59	1.5	67				
	FN	21 58 53						
25	eE	6 03 43.6						
	LE	6 03 55.1						
	FE	6 05 05.8						
26	eE	7 52 59.8						
	LE	7 53 08.4						
	FE	7 56 36.5						
27	eN	16 56 03						
	FN	16 58 22						
28	PN	18 56 59						
	EN	19 01 32						
	LN	19 05 16						
	FN	19 30 --						
"	PN	21 06 54						
	LN	21 07 11						
	MN	21 07 27	1.0	979				
	FN	21 15 00						
29	PE	19 47 52.3						
	LE	19 47 49.8						
	ME	19 47 51.6	1.0	1475				
	FE	20 05 --.7						



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Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To			PAPER SPEED
					V	r	s	
Omori	EW	No	16 kgm	Smoked sheet	25.0	20		125 m.m.
Omori	NS	No	55 "	"	8.0	120		125 "
Wiechert	NS	Air	200 "	"		80		22.5 "
Wiechert	EW	Air	200 "	"		80		22.5 "
Wiechert	Vert.	Air	80 "	"		80		25.0 "



No. 17

From Aug. 29 to Sept. 1 1929

Date and Time	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
29	PE	19 <sup>h</sup> 58 <sup>m</sup> 30 <sup>s</sup> .9	s	$\mu$	$\mu$	$\mu$	km	
	FE	19 59 30.0						
	P							
30	eN	1 26 57.7						
	LE	1 27 16.7						
	ME	1 27 24.9	1.6	37				
	FE	1 29 56.0						
"	eN	7 21 42.3						
	LE	7 21 58.8						
	FE	7 23 43.0						
"	eN	7 42 14.3						
	LE	7 42 33.5						
	FE	7 44 13.3						
"	eE	11 15 12.1						
	FE	11 16 49.1						
"	eN	15 23 25						
	FN	15 25 16						
"	eN	17 03 29						
	LN	17 03 47						
	FN	17 08 14						
"	eN	20 03 31						
	FN	20 05 04						
"	eN	20 35 52						
	LN	20 36 08						
	FN	20 39 18						
"	eN	22 35 51						
	FN	22 38 26						
"	eN	23 06 01						
	FN	23 09 27						
Sept. 1	eE	3 44 32.2						
	LE	3 44 52.8						
	FE	3 46 47.4						
"	eE	4 47 27.9						
	FE	4 49 49.9						
"	eE	7 55 36.1						
	LE	7 55 41.0						
	FE	7 58 17.0						
"	eE	11 17 36.2						
	FE	11 19 26.8						

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Time : Mean Greenwich, midnight to midnight.

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To V r s			PAPER SPEED
					To	V	r s	
Omori	EW	No	16 kgm	Smoked sheet	25.0	20		12.5 m.m.
Omori	NS	No	55 "	"	8.0	120		12.5 "
Wiechert	NS	Air	200 "	"		80		22.5 "
Wiechert	EW	Air	200 "	"		80		22.5 "
Wiechert	Vert.	Air	80 "	"		80		25.0 "



No. 18

From Sept. 1 to Sept. 12 1928

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
1	eE	16 45 54.8						
	FE	16 47 23.2						
"	eE	21 35 59.8						
	LE	21 36 14.9						
	FE	21 37 47.2						
2	eE	9 18 38.7						
	FE	9 20 08.2						
"	eE	11 15 47.9						
	LE	11 18 47.8						
	FE	12 25 ---						
4	eE	12 15 24.1						
	FE	12 16 47.8						
"	eE	13 35 11.0						
	FE	13 36 07.1						
	eE	15 08 55.0						
"	LE	15 09 06.1						
	FE	15 11 39.8						
	5	PE	8 07 55.4					
LE		8 08 04.4						
ME		8 08 11.5	10.7			54		
MN		8 08 10.8	12.5			79		
FE		8 10 51.2						
"	eE	12 42 35						
	FE	12 44 43						
11	FE	22 19 01.5						
	SE	22 19 15.3						
	LE	22 19 24.1						
	ME	22 19 27.4	1.9			1845		
	FE	22 51 25.0						
"	PZ	22 51 25.0						
	FE	22 57 00.0						
12	PZ	3 57 27.7						
	FE	4 00 15.0						
"	PZ	4 30 19.2						
	LE	4 30 34.5						
	LZ	4 30 36.4						82
	MN	4 30 38.3	0.9			79		
	ME	4 31 02.3	1.6					
	FE	4 34 25.0						

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Time : Mean Greenwich, midnight to midnight.

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INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 19

From Sept. 12 to Sept. 14 1929

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
Sept. 12	PZ	4 <sup>h</sup> 40 <sup>m</sup> 32 <sup>s</sup> .1	s	$\mu$	$\mu$	$\mu$	km	F lost in following quake.
	LZ	4 40 48.3						
	ME	4 40 58.5	1.8	157				
	MN	4 41 10.3	1.8		130			
	eZ	4 45 03.2						
	FE	4 48 00.0						
	PZ	5 07 03.0						
	LE	5 07 18.3						
	LZ	5 07 20.1						
	MN	5 07 30.9	1.2		73			
	ME	5 07 46.0	1.8	88				
	FE	5 14 00.0						
"	PZ	5 47 51.2						
	LE	5 48 06.8						
	ME	5 48 07.5	1.1	46				
	MN	5 48 13.4	1.3		49			
	FE	5 53 20.0						
"	PZ	6 49 11.3						
	FE	6 51 10.0						
13	eE	1 56 45.5						
	FE	2 00 22.3						
"	eZ	16 15 45.6					Felt in northern part of Formosa. Epicenter off east coast of the island.	
	LE	16 16 02.5						
	LZ	16 16 03.6						
	ME	16 16 06.6	1.1	44				
	MN	16 16 09.5	1.3		47			
	FE	16 20 26.8						
"	eZ	20 13 43.1					Do.	
	FE	20 16 06.2						
14	eZ	0 15 46.5						
	LZ	0 16 02.1						
	ME	0 16 06.9	2.0	148				
	FE	0 28 00.0						
"	eE	0 51 26.1						
	FE	0 53 07.5						
"	eE	1 05 39.6						
	FE	1 07 57.8						
"	eE	1 22 49.8						
	FE	1 25 05.4						
"	eE	1 56 40.1						
	FE	1 58 19.7						

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### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			125 m.m.
Omori	NS	No	55	'	8.0	120			125
Wiechert	NS	Air	200	'		80			22.5
Wiechert	EW	Air	200	'		80			22.5
Wiechert	Vert.	Air	80	'		80			25.0



20

From Sept. 14 to Sept. 16 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
14	eN	5 <sup>h</sup> 33 <sup>m</sup> 32. <sup>s</sup> 5	s	$\mu$	$\mu$	$\mu$	km	
	FN	5 35 17.5						
	eE	7 30 28.9						
	FE	7 32 17.1						
	eE	10 52 29.4						
	FE	10 54 44.5						
	eE	11 44 52.0						
	FE	11 46 17.1						
	eE	12 37 58.2						
	FE	12 40 11.7						
	eE	13 11 52.3	1.4	35				
	ME	13 12 09.6						
	FE	13 16 13.3						
	eE	16 47 06.8						
FE	16 49 31.9							
eE	22 20 24.3							
FE	22 23 32.7							
eE	23 47 30.0	1.1			56		F lost in following quake.	
LE	23 47 41.0							
MN	23 47 42.3							
ME	23 47 51.1							
eE	23 53 13.0							
FE	23 55 18.7							
15	eE	2 23 09.0						
	LE	2 23 18.1						
	FE	2 25 21.9						
"	eE	15 40 53.8						
	FE	15 42 21.7						
"	eE	19 52 14.4						
	FE	19 54 48.7						
16	eE	9 17 55.7						
	FE	9 19 12.7						
"	eE	10 22 46.7						
	FE	10 25 01.6						
"	eE	17 48 22.2						
	FE	17 49 15.1						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground : alluvial.

Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	No	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			125 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Sept. 17 to Sept. 18 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
17	PZ	4 37 56.2						
	LE	4 38 09.1						
	MN	4 38 08.4	1.1		120			
	ME	4 38 09.8	1.3	162				
	FE	4 41 01.6						
"	PE	13 24 25.8						
	FE	13 25 41.6						
"	FZ	14 18 00.2						Felt in northern part of Formosa.
	LE	14 18 12.6						
	MN	14 18 13.5	0.9		49			
	ME	14 18 13.7	0.9	27				
	FE	14 21 05.7						
"	PZ	16 15 37.1						
	FE	16 17 14.1						
"	PZ	17 21 21.6						
	LE	17 21 37.7						
	MN	17 21 39.2	1.1		30			
	FE	17 23 46.0						
"	PZ	17 42 30.8						
	LE	17 42 43.5						
	FE	17 45 06.4						
"	eE	18 09 17.3						
	FE	18 10 07.7						
"	eZ	22 25 10.3						
	LZ	22 25 25.8						
	ME	22 25 29.3	1.6	70		63		
	MN	22 25 41.3	1.5					
	FE	22 30 27.0						
"	eZ	22 43 05.5						
	FE	22 45 29.8						
18	eZ	9 58 25.1						
	LE	9 58 37.2						
	MN	9 58 38.0	0.9		57			
	ME	9 58 41.8	0.9	63				
	FE	10 02 17.6						
"	eE	10 46 44.6						
	FE	10 48 19.6						
"	eZ	11 34 55.5						
	LE	11 35 08.1						
	FE	11 38 18.4						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground : alluvial.  
Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 mm.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 22

From Sept. 19 to Sept. 21 1923

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
19	PE	5 <sup>h</sup> 17 <sup>m</sup> 32 <sup>s</sup> .9	s	$\mu$	$\mu$	$\mu$	km	
	LE	5 17 46.1						
	FE	5 20 07.5						
"	eE	6 28 37.8						
	FE	6 29 38.6						
"	eE	7 54 06.1						
	FE	7 55 21.1						
"	eZ	8 02 31.8						
	FE	8 04 09.4						
"	eZ	8 15 12.2						
	EE	8 17 50.0						
"	eE	8 52 21.7						
	FE	8 34 12.4						
"	eE	8 54 20.8						
	FE	8 55 52.0						
"	eE	9 11 00.3						
	FE	9 12 25.5						
"	eE	9 41 20.0						
	FE	9 44 31.6						
"	eE	9 55 38.1						
	FE	9 57 49.5						
"	eE	10 27 42.9						
	FE	10 31 14.6						
"	eE	11 38 08.2						
	FE	11 39 30.4						
20	eE	4 32 36.6						
	FE	4 34 25.1						
"	eZ	14 24 21.6						
	FE	14 26 44.9						
21	eE	4 25 16.4						
	FE	lost in following quake.						
"	eE	4 26 30.6						
	LE	4 26 39.5						
	MN	4 26 40.9	1.3			28		26
	ME	4 26 51.1	1.5					
	FE	4 30 14.6						
"	eE	17 19 21.4						
	FE	17 21 16.1						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0$ m Underground : alluvial.  
Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 23

From Sept. 21 to Oct. 3 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
21	eE	16 <sup>h</sup> 06 <sup>m</sup> 37 <sup>s</sup> .1	s	$\mu$	$\mu$	$\mu$	km	
	LE	16 06 48.2						
	MN	16 06 48.4	1.1		39			
	ME	16 06 52.6	0.9	27				
	FE	16 09 35.0						
"	eE	18 57 53.0						
	FE	18 59 43.7						
"	eE	19 00 33.3						
	FE	19 01 38.0						
22	eE	17 01 10.5						
	FE	17 02 57.0						
23	eZ	15 06 13.4						
	LZ	15 06 26.4						
	FE	15 08 53.8						
25	eE	1 50 52.9						
	FE	1 51 50.3						
"	eE	4 02 02.1						
	FE	4 04 55.0						
"	eE	6 02 47.5						
	FE	6 04 45.6						
"	eE	20 40 39.2						Felt at Karenko east coast of Taiwan.
	FE	20 42 33.1						
26	eE	20 49 26.7						
	LE	20 49 35.2						
	FE	20 51 13.4						Felt at Karenko.
27	PE	10 02 15.1						
	LE	10 02 28.3						
	MN	10 02 28.9	0.9		66			
	ME	10 02 30.8	1.1	49				
	FE	10 05 09.3						Do.
28	eZ	16 49 53.7						
	LE	16 50 05.8						
	FE	16 52 06.0						
29	eE	7 36 33.3						
	LE	7 36 41.2						
	ME	7 36 44.0	1.0	32				
	FE	7 38 31.1						
3	eZ	0 22 36.3						
	FZ	0 24 40.0						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55'	'	8.0	120			12.5'
Wiechert	NS	Air	200'	'		80			22.5'
Wiechert	EW	Air	200'	'		80			22.5'
Wiechert	Vert.	Air	80'	'		80			25.0'



No. 24

From Oct. 5 to Oct. 7 1922.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
3	eE	15 17 30.9						Felt at Karenko.
	FE	15 19 26.0						
"	eE	17 47 13.0						
	FE	17 49 34.4						
4	PZ	14 47 56.0						Felt at Karenko.
	LE	14 48 08.3						
	ME	14 48 09.1	1.2	22				
	MN	14 48 10.0	0.8		36			
	FE	14 50 37.5						
"	pZ	21 11 11.0						Felt in the eastern coast of Taiwan.
	LE	21 11 23.8						
	MN	21 11 24.4	0.9		28			
	ME	21 11 28.9	0.9	22				
	FE	21 13 46.5						
5	eE	10 46 11.5						Felt at Karenko.
	LE	10 46 16.5						
	FE	10 48 05.8						
"	eE	11 54 22.9						
	FE	11 55 26.7						
"	eE	13 05 51.0						Felt at Karenko.
	LE	13 06 17.3						
	FE	13 08 05.1						
"	eZ	13 10 28.2						
	FZ	13 12 02.1						
"	eZ	13 33 34.3						
	LE	13 33 52.1						
	FE	13 35 48.1						
6	PZ	5 57 54.9						
	LZ	5 58 04.0						
	FZ	5 00 27.2						
"	eE	8 04 05.5						Felt at Karenko.
	FE	8 25 03.7						
7	eE	8 13 08.8						
	LE	8 13 19.7						
	FE	8 16 00.8						
"	eZ	16 39 40.3						
	FE	16 41 33.4						
"	eE	17 52 29.1						
	FE	17 55 28.3						



# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 25 From Oct. 8 to Oct. 13 1922

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
8	PZ	12 <sup>h</sup> 49 <sup>m</sup> 36 <sup>s</sup> .4	s	$\mu$	$\mu$	$\mu$	km	
	LE	12 49 46.7						
	MN	12 49 48.2	1.1		90			
	ME	12 49 48.3	0.9	77				
	FE	12 51 59.3						
"	eE	18 27 02.4						
	FE	18 28 29.3						
9	PZ	2 46 19.8						
	FE	2 47 39.2						
10	eZ	15 41 52.8						
	FE	15 43 19.1						
"	PZ	16 05 20.5						
	LE	16 05 31.0						
	MN	16 05 37.0	1.3		46			
	ME	16 05 38.0	1.1	56				
	FE	16 08 09.6						
"	eZ	18 13 08.2						
	FZ	18 14 17.3						Felt at Karenko.
"	PZ	20 30 59.7						
	LE	20 31 14.8						
	MN	20 31 17.0	1.6		29			
	ME	20 31 17.3	1.3	30				
	FE	20 23 37.5						Do.
"	PZ	20 38 34.4						
	LE	20 38 45.8						
	MN	20 38 51.5	1.1		30			
	ME	20 38 55.0	0.9	39				
	FE	20 41 30.2						
111	eE	17 34 56.5						
	FE	17 37 37.5						Felt at Karenko.
"	PZ	20 57 10.8						
	LE	20 57 23.5						
	ME	20 57 24.8	0.8	76	76			
	MN	20 57 25.4	0.8					
	FE	20 59 22.9						
12	PZ	3 41 08.0						
	LE	3 41 22.4						
	FE	3 42 52.9						Felt at Karenko.
13	PZ	16 07 17.1						
	LE	16 07 30.2						
	EE	16 09 50.9						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^\circ 2' 19''$  N.  $\lambda = 121^\circ 30' 49''$  E.  $h = 8.0$ m Underground: alluvial.  
Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Magnetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 26 From Oct. 13 to Oct. 22 192

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
15	eZ	22 11 57.3						
	FE	22 13 42.5						
16	PE	11 00 38.5						
	LE	11 00 47.5						
	FE	11 01 58.3						
"	LE	20 38 44.4						
	MN	20 39 25.0	8.3		116			
	ME	20 40 39.8	9.0	91				
	FE	21 05 ---						
17	eE	4 01 09.8						
	FE	4 02 44.9						
"	PZ	16 28 18.8						
	LE	16 28 29.9						
	FE	16 29 45.2						
"	PZ	16 51 01.1						
	LE	16 51 21.8						
	FE	16 53 58.6						
"	LE	23 22 57.2						
	FE	23 24 12.1						
18	eE	10 53 12.5						
	FE	11 02 50.6						
"	eE	22 18 59.5						
	LE	22 19 13.8						
	FE	22 21 31.3						
19	eE	10 52 56.5						
	LE	10 48 15.5						
	F	12 19 ---						Felt at Karenko.
20	eZ	19 03 31.7						
	SE	19 03 39.7						
	LE	19 03 50.3						
	MN	19 03 50.7	0.9	47	51			
	MN	19 03 51.8	0.9					
	FE	19 06 26.7						
21	eE	0 51 11.3						
	FE	0 53 41.1						Felt at Taihoku.
22	PE	6 29 30.7						
	LE	6 29 40.7						218
	MN	6 29 45.9	1.4					
	ME	6 30 00.0	1.8	223				
	FE	6 34 25.6						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No.	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 27

From Oct. 22 to Oct. 27 1922

No. and Date	Phase	Time h m s	Period s	Amplitude			Distance km	Remarks
				AE $\mu$	AN $\mu$	AZ $\mu$		
22	PN	18 39 08.7					Felt in eastern coasts and southern districts of Taiwan.	
	LN	18 39 41.5						
	MN	18 40 01.7	2.2	192				
	ME	18 40 02.2	2.7		288			
	FN	18 50 37.9						
"	eN	21 01 39.5						
	FN	21 02 35.0						
23	PZ	16 40 26.1						
	BE	16 40 31.4						
	LE	16 40 51.5						
	LN	16 40 56.1						
	FE	16 43 59.7						
"	PZ	18 16 24.2						
	LE	18 16 50.3						
	LN	18 16 54.2						
	FN	18 18 44.3						
24	ePE	6 34 58.6					Felt all over the Island, strongly toward south.	
	eFZ	6 34 59.0						
	PZ	6 35 11.0						
	PNE	6 35 11.1						
	SNE	6 35 25.1						
	SZ	6 35 38.0						
	LNE	6 35 52.9						
	LZ	6 35 53.0						
	MN	6 36 13.9	1.7		248			
	MZ	6 36 15.0	3.4			101		
ME	6 36 40.0	3.2	359					
FN	6 52 07.4							
"	eE	8 02 25.8						
	FE	8 06 55.9						
25	PZ	19 26 30.9						
	LE	19 26 41.7						
	FE	19 28 14.4						
"	PZ	21 46 43.4						
	LE	21 46 52.4						
	FE	21 48 18.5						
27	eZ	18 20 53.0						
	LE	18 21 15.5						
	FE	18 23 34.5						
"	PZ	19 30 54.8						
	LE	19 31 51.4						
	FE	19 36 32.1						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55	'	8.0	120			12.5
Wiechert	NS	Air	200	'		80			22.5
Wiechert	EW	Air	200	'		80			22.5
Wiechert	Vert.	Air	80	'		80			25.0



No. 28

From Oct. 31 to Nov. 8 1922

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
Oct. 31	PZ	5 <sup>h</sup> 31 <sup>m</sup> 07.0 <sup>s</sup>	s	$\mu$	$\mu$	$\mu$	km	
	LE	5 31 14.3						
	FE	5 32 45.7						
Nov. 1	PZ	16 16 38.5						
	FE	16 18 07.5						
2	PZ	1 34 03.8						
	LE	1 35 06.9						
	FE	1 42 41.2						
"	eE	5 21 08.5						
	FE	5 22 01.4						
3	PZ	13 16 27.2						
	LE	13 16 37.5						
	ME	13 16 38.6	1.4	-89				
	MN	13 16 38.8	1.4		-125			
	FE	13 22 37.5						
"	eE	13 19 01.0						
	FE	13 20 25.8						
"	eE	23 09 20.2						
	FE	23 10 22.5						
"	eE	23 33 52.4						
	FE	23 36 09.1						
4	PZ	10 30 05.9						
	LE	10 30 16.0						
	FE	10 32 14.0						
"	eE	19 57 06.8						
	FE	19 58 07.1						
5	eE	11 42 03.6						
	FE	11 52 18.0						
"	eE	17 13 05.1						
	FE	17 14 53.0					Felt at Karenko.	
6	eE	9 38 08.1						
	LE	9 38 22.7						
	FE	9 40 11.2						
8	eE	2 56 31.9						
	FE	2 57 38.6						
"	eE	9 49 41.0						
	LE	9 49 51.0						
	ME	9 49 51.5	1.4	-90				
	MN	9 49 52.1	1.6		-80			
	F	lost in following gusts.						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	T <sub>0</sub>	V	r	s	PAPER SPEED
Omori	EW	Magnetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



From Nov. 8 to Nov. 19 1921

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
8	eE	9 51 53.0						
	FE	9 52 51.8						
"	eE	9 54 50.2						
	FE	9 56 28.8						
"	eE	10 57 29.6						
	FE	10 58 48.2						
11	eE	14 51 32.7						
	FE	14 52 34.4						
12	eZ	23 10 19.4						
	LE	23 10 47.0						
	FE	23 12 15.8						
15	eE	5 42 43.8						
	FE	5 43 40.2						
"	eE	18 56 00.1						
	SE	18 57 58.3						
	LE	19 00 38.7						
	FE	20 30 ---						
16	eE	19 37 39.4						
	FE	19 38 43.1						
17	eE	3 47 17.1						
	LE	3 51 13.7						
	FE	5 30 ---						
"	eE	8 14 18.1						
	FE	8 16 18.2						
"	eE	9 44 27.8						
	LE	9 44 35.7						
	FE	9 46 25.9						
"	PZ	18 09 11.0						
	LE	18 09 35.6						
	FE	18 11 02.3						
18	eE	5 50 --						
	FE	6 41 --						
"	eE	20 58 --						
	FE	22 42 --						
19	PZ	17 12 50.9						
	LE	17 13 06.7						
	FE	17 14 47.7						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0m$  Underground: alluvial.  
Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 30

From Nov. 20 to Dec. 192

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
20	PZ	17 26 03.3						
	FZ	17 29 30.5						
23	PN	0 09 37.3						
	LN	0 16 01.0						
	FN	0 52 ---						
24	PZ	4 52 13.7						
	LE	4 52 31.6						
	FE	4 53 55.8						
25	PZ	1 16 32.7						
	LE	1 16 43.7						
	ME	1 16 45.6	0.7	-60				
	MN	1 16 45.6	0.5		+28			
	FE	1 19 02.4						
26	eE	1 04 33						Felt at KARENKO.
	FE	1 06 40						
"	eE	18 49 52.5						
	FE	18 50 47.3						
"	eE	22 29 44.9						
	FE	22 31 02.6						
28	eE	8 54 19.3						
	LE	8 54 27.8						
	FE	8 55 57.1						
"	eE	20 41 54.2						
	LE	20 41 59.9						
	FE	20 43 28.4						
30	eE	1 35 49.5						
	FN	1 37 40.0						
"	eN	20 36 00.7						
	FN	20 36 37.3						
"	eN	21 33 07.0						
	LN	21 33 13.8						
	FN	21 34 17.5						
Dec. 3	PZ	0 10 31.8						
	LN	0 10 40.0	10					
	MN	0 10 42.1	0.9					
	ME	0 10 42.5	0.9					
	FN	0 13 18.0		59				
"	eN	4 55 09.1						
	FN	4 56 ---						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground : alluvial.

Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



31

From Dec. 5 to Dec. 13 1929

No	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
5	eN	22 11 20.6						
	LN	22 11 24.9						
	FN	22 12 36.9						
"	eN	22 45 26.4						Felt at Tainan.
	FN	22 47 48.8						
"	eN	22 48 42.8						
	FN	22 49 58.2						
6	eN	10 09 34.6						Felt at Karenko.
	LN	10 09 47.9						
	FN	10 11 28.7						
7	eE	8 52 22.7						
	FE	8 57 05.6						
"	eE	9 35 27.7						
	FE	9 38 06.6						
8	PZ	14 25 26.0						
	LE	14 25 32.4						
	FE	14 27 35.6						
"	eE	15 03 12.3						
	FE	15 05 02.1						
9	eZ	6 56 35.2						
	SE	7 01 53.6						
	LE	7 06 00.8						
	FE	8 20 ---						
10	PZ	5 24 36.2						
	LE	5 24 52.3						
	FE	5 26 28.1						
12	eE	23 24 35.4						
	LE	23 25 05.3						
	FE	23 29 05.1						
"	eE	23 34 35.1						L lost in following quake.
	LE	23 34 57.2						
"	LE	23 38 18.6						
	FE	23 39 52.5						
13	eE	9 44 23.0						
	FE	9 59 ---						
"	eE	10 55 13.8						
	LE	10 55 29.0						
	FE	10 57 47.1						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi=25^{\circ} 2' 19''$  N.  $\lambda=121^{\circ} 30' 49''$  E.  $h=8.0m$  Underground: alluvial.  
Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 32

From Dec. 13 to Dec. 19 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
		h m s	s	$\mu$	$\mu$	$\mu$	km	
13	eE	13 16 01.9						
	FE	13 18 39.0						
"	eE	13 24 39.6						
	FE	13 26 31.0						
"	eE	14 05 27.4						
	FE	14 07 22.0						
14	eE	3 39 59.8						
	LE	3 40 09.7						
	FE	3 42 59.8						
16	eN	14 59 50.6						
	FE	15 10 39.0						
17	PE	11 07 12.6						
	SE	11 14 01.1						
	LE	11 17 46.8						
	ME	11 25 29.2	20.4	1525				
	ME	11 27 50.5	22.1	2005				
	FE	14 38 ---						
18	eE	2 21 35.1						
	FE	2 25 59.9						
"	PZ	6 59 00.7						Felt in northern part of Taiwan.
	LE	6 59 16.0						Max. lost by the force of shock.
	FZ	7 12 30.0						
"	eZ	7 07 47.4						
	LN	7 08 03.3						
	FN	7 10 30.0						Felt at Karenko.
"	PZ	7 25 36.8						
	LN	7 25 54.5						
	FZ	7 28 39.3						
"	eN	9 31 21.3						
	LN	9 31 36.8						
	FN	9 34 16.9						
"	eN	11 33 50.7						
	FN	11 35 34.3						
"	eN	12 40 25.1						
	LN	12 40 40.6						
	FN	12 42 30.5						
19	eN	4 36 06.0						
	LN	4 36 19.9						
	FN	4 38 32.9						



# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground : alluvial.

Time : Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55 "	"	8.0	120			12.5 "
Wiechert	NS	Air	200 "	"		80			22.5 "
Wiechert	EW	Air	200 "	"		80			22.5 "
Wiechert	Vert.	Air	80 "	"		80			25.0 "



No. 33

From Dec. 20 to Dec. 29 1929.

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
20	eN	0 <sup>h</sup> 04 <sup>m</sup> 03. <sup>s</sup> 4	s	$\mu$	$\mu$	$\mu$	km	
	LN	0 04 20.8						
	FN	0 07 19.0						
"	PZ	10 43 42.0						
	LZ	10 43 51.3						
	FE	10 45 30.5						
"	eE	18 26 57.1						
	LE	18 27 09.0						
	MN	18 27 09.6	1.1		90			
	ME	18 27 09.7	0.9	204				
	FN	18 33 46.8						
21	eE	10 45 18.1						
	FE	10 47 06.8						
22	PZ	21 05 40.5						
	LE	21 05 52.0						
	ME	21 05 52.6	1.0	28				
	FE	21 08 12.7						
23	PZ	11 03 14.9						
	FZ	11 04 14.7						
27	eE	3 27 54.0						
	FE	3 29 16.9						
"	eZ	23 39 07.3						
	LE	23 39 13.9						
	FE	23 41 10.2						Felt at Karenko.
28	eZ	3 59 38.1						
	LE	3 59 57.5						
	ME	4 00 00.3	0.9	62				
	MN	4 00 11.6	1.1		68			
	FE	4 07 ---						
"	eZ	16 31 01.2						
	LE	16 31 12.3						
	FE	16 33 14.4						
29	PZ	14 53 52.5						
	LE	14 54 10.3						
	MN	14 54 15.8	1.5		82			
	ME	14 54 16.8	1.9	82				
	FE	14 56 59.5						
"	eE	15 21 51.5						
	FE	15 23 08.5						

# TAIHOKU. TAIWAN. NIPPON. (Formosa, Japan)

## SEISMIC BULLETIN

of the Taihoku Meteorological Observatory

$\phi = 25^{\circ} 2' 19''$  N.  $\lambda = 121^{\circ} 30' 49''$  E.  $h = 8.0$ m Underground: alluvial.

Time: Mean Greenwich, midnight to midnight.

### INSTRUMENTS CONSTANTS

INSTRUMENT	COMP.	DAMPING	MASS	REGISTRATION	To	V	r	s	PAPER SPEED
Omori	EW	Maguetic	16 kgm	Smoked sheet	25.0	20			12.5 m.m.
Omori	NS	No	55	'	8.0	120			12.5
Wiechert	NS	Air	200	'		80			22.5
Wiechert	EW	Air	200	'		80			22.5
Wiechert	Vert.	Air	80	'		80			25.0



No. 34

From Dec. 31 to Dec. 31 1929

Date	Phase	Time	Period	Amplitude			Distance	Remarks
				AE	AN	AZ		
31	eN	1 <sup>h</sup> 03 <sup>m</sup> 38.0 <sup>s</sup>	s	$\mu$	$\mu$	$\mu$	km	
	SN	1 08 54.66						
	LN	1 14 00.1						
	FN	1 45 ---						
"	eE	4 57 02.4	5					
	FE	4 22 18.3						
"	eE	6 23 49.7						
	LE	6 24 02.8						
	FE	6 25 06.0						
-----				ERRATA				
<p>The sheets from No. 25 to No. 31 should be read respectively                      No. 24, 25, 26, 27, 28, 29 and 30.</p>								