No. 8

from April 16 to April 30, 1925

TAIHOKU, FORMOSA, JAPAN.

(甲第四號)

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25° 02'.3$ $\lambda = 121° 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum Mass; EW. Comp. = 16kg. NS. Comp. = 55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	Δ km	Remarks
Apr. 16	P	19 53 34		Imax. of the both components have been lost by the force of shock Initial displacement S6°W; Δ 442km				
	L	19 54 34						
	F	21 35 –						
" 17	e	14 57 04		Local shock				
	F	14 59 14						
" "	e	18 09 03						Local shock.
	MN	18 09 51	1.9		35			
	F	18 13 08						
" 18	e	18 54 58						Do
	F	18 57 50						
" 19	e	15 49 48						
	T	16 07 29						
" 20	e	15 19 15						Local shock.
	F	15 20 44						
" 21	e	00 52 42						Do.
	F	00 54 08						
" "	e	3 22 26						Do.
	F	3 24 44						
" 22	e	23 16 40						Distant quake.
	L	23 20 58						
	F	0 10 –						
" 24	P	1 48 36						Δ 108. Felt in eastern coasts of Formosa
	L	1 48 51						
	MN	1 48 54	1.4		-90			
	F	1 51 36						
" 25	e	9 20 24						Felt in southern extreme of Formosa
	ME	9 22 20	9.6	-63				
	MN	9 23 03	6.7		-26			
	F	9 37 00						
" "	e	9 38 22						
	F	9 41 34						
" "	e	15 52 08						Local shock.
	F	15 53 37						
" "	e	18 56 04						Do.
	F	18 57 11						
" 26	e	19 13 53						Do.
	F	19 15 40						
" 27	e	16 41 41						
	L	16 41 52						
	F	16 43 03						
" 28	e	4 39 50						
	L	4 40 17						
	MN	4 40 35	2.4		2.1			
	F	4 42 39						
" 30	e	18 26 58						
	F	18 28 57						

from May 3 to May 17 1925

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02'.3$ $\lambda = 121°\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum Mass; EW. Comp. = 16kg. NS. Comp. = 55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

甲第四號

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	Δ km	Remarks
May 3	$P_{N,E}$	17 27 57					Δ = 2439	
	S_E	17 31 03						
	S_N	17 31 15						
	L_N	17 34 27						
	M_N	17 34 48	21.6		-218			
	M_E	17 37 04	25.0	-3570				
	F	18 40 -						
" 4	L_E	11 53 -						Very slight sinusoidal L waves
	F	12 09 -						
" "	E	13 18 07						Local shock.
	F	13 20 01						
" 5	P_{NE}	10 09 54						Δ = 156 ?
	S_N	10 12 37						
	S_E	10 12 38						
	L_N	10 14 37						
	L_E	10 14 49						
	M_E	10 16 38	27.4	4.38?				
	M_N	10 18 05	16.3		22.3			
	F	11 35 -						
" "	E	12 01 44						Slight sinusoidal L waves.
	F	12 34 -						
" "	$P_{N,E}$	23 26 11						Δ = 2989.
	S_E	23 30 53						
	L_E	23 34 48						
	M_E	23 37 03	22.6	4.55				
	F	0 15 -						
" 6	P_N	15 36 40						Felt at Gaumbi and Keelung.
	F	15 39 45						
" "	P	15 57 49						Do.
	L_N	15 58 15						
	F	16 01 10						
" 7	P_E	12 14 39						Faint record.
	L_E	12 17 34						
	F_E	13 45 36						
" "	$P_{N.E}$	14. 37 13						Do.
	L_E	14. 39 49						
	F	15 40 55						
" "	P_N	17 57 44						Local shock.
	L_N	17 57 55						
	F	18 59 56						
" 13	P	23 31 39						Felt in northern districts of Formosa.
	L	23 31 49						
	M_E	23 31 50	0.5	80				
	M_N	23 31 50	1.0		99			
	F	23 35 12						
" 14	E	5 35 22						Local Shock.
	F	5 36 22						
" "	E	22 24 47						Do.
	F	22 26 48						
" 17	E	9 29 28						Do. Felt at Karenko and Batoran.
	F	9 31 08						

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from May 19 to May 24 192 5

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02.'3$ $\lambda = 121°\ 30.'8$ h = 8.0 m. Underground ; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T_0	ε	r/T_0	V
AN :				
AE :	30			20
AZ :				

Date	Phase	Time h m s	Period s.	Amplitude AN μ	AE μ	AZ μ	Δ km	Remarks
May 19	e	5 46 40				Sinusoidal L waves		
	F	6 41 -						
" 20	P	11 09 20				Δ = 2839		
	LE	11 14 44						
	F	11 41 -						
" 22	PN.E	9 44 32				Faint irregular waves		
	SE	9 48 19						
	SN	9 48 26						
	LE	9 51 14						
	F	10 23 -						
" 23	PNE	2 13 26				N-S component ran off paper 2h 19m 32s. Destructive earthquake off Japanese sea coast Epicenter ; N 35.7 E 137.		
	LE	2 16 30						
	LN	2 16 35						
	ME	2 19 21	21.1	-1.063				
	MN	2 19 32	21.6		-0.438			
	ME	2 20 04	16.2	-0.785				
	ME	2 21 44	16.8	+0.375				
	F	3 26 -						
" "	PN,E	7 35 18.0				Felt over whole region of Formosa except northern and southern extreams. Epicenter ; N. 24.8 E 121.0.		
	LN,E	7 35 34.8						
	ME	7 35 40.1	1.9	0.413				
	F	7 49 15.0						
" "	e	9 28 24				Local shock.		
	F	9 29 25						
" "	P	21 22 02				Felt over whole region of Formosa except the southern extreme. Epicenter ; N 24.0 E 121.8.		
	LE	21 22 15						
	LN	21 22 17						
	MNE	21 22 20	0.8	0.123				
	F	21 30 45						
" "	e	21 48 21				Local shock.		
	F	21 49 23						
" 24	P	1 23 52				Felt at Karenko		
	F	lost in next quake						
" "	PN,E	1 24 50				MN,E not identify because of hastiness. Felt over the whole region of Formosa. Epicenter ; N. 23.9 E. 121.9.		
	LN	1 25 07						
	F	1 55 -						
" "	e	1 51 57				Felt at Karenko and Kodamura.		
	F	1 53 57						
" "	e	3 10 37				Local shock.		
	F	3 12 09						
" "	e	3 24 23				Do.		
	F	3 25 57						
" "	e	3 38 47				Felt in Eastern coast of Formosa.		
	LN	3 39 04						
	MN	3 39 12	1.2	0.048				
	F	3 41 31						
" "	e	3 59 43				Felt at Karenko.		
	F	4 01 32						

大正十年七月臨文社印行

（甲第四號）

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from May 24 to June 2 1925.

(甲第四號)

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02.'3$ $\lambda = 121°\ 30.'8$ h = 8.0 m. Underground; alluvial.

Instrument; Omori Horizontal Pendulum (mass 16 kg.)

	T	ε	r/T₀	V
AN :	15			
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	Amplitude AN μ	AE μ	AZ μ	△ km	Remarks
May 24	PN,E	5 09 55						
	LN,E	5 10 10						Felt in central districts and eastern coast of Formosa.
	MN	5 10 19	1.0		129			
	ME	5 10 31	1.0	108				
	F	5 17 00						
" "	e	5 21 46						
	F	5 23 00						
" "	e	6 51 41						Felt at Karenkō and Sankakutō.
	F	6 53 44						
" "	e	8 58 18						Felt at Karenkō and Batoran.
	F	9 00 09						
" "	e	11 01 31						Felt at Karenkō.
	F	11 03 24						
" "	e	23 15 23						
	F	23 16 29						
" 25	Le	3 48 42						Very faint sinusoidal L waves.
	MR	3 53 31	2.0	150				
	F	4 46 -						
" "	Le	16 29 53						Very faint sinusoidal L waves. May be after-shock of No. 150.
	F	16 50 -						
" 26	P	15 37 38						Felt in central districts.
	LN	15 38 15						
	MN	15 38 49	8.6		427			
	ME	15 39 03	6.7	613				
	F	15 57 30						
" 27	P	2 33 18						
	LN	2 33 30						
	MN	2 33 35	1.4		46			
	F	lost in next quake.						
" "	Pe	2 35 10						P phase uncertain because of preceding quake.
	Le	2 36 09						
	F	2 56 -						
" 29	L	6 38 -						Very faint sinusoidal L waves.
	F	7 12 -						
" 30	e	5 54 40						Local shock.
	F	5 56 31						
" "	e	15 33 08						Do.
	LN	15 33 19						
	F	15 34 55						
June 1	e	15 01 00						Do.
	F	15 04 10						
" 2	PN	14 25 05						Do.
	LN	14 25 17						
	MN	14 25 21	1.2		9			
	F	14 26 52						
" "	PN	19 14 55						Do.
	LN	19 15 09						
	MN	19 15 18	1.0		19			
	F	19 17 05						

大正十年七月驚文社印行

from June 3 to June 12, 1925

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25^\circ\ 02.'3$ $\lambda = 121^\circ\ 30.'8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T_o	ε	r/T_o	V
AN :				
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	Amplitude AN μ	AE μ	AZ μ	△ km	Remarks
June 3	P	4 39 19					2329	
	LN.E	4 43 25						
	ME	4 50 16	22.1	-1085				
	F	6 02 -						
" 4	e	1 20 37					215	
	LN	1 21 06						
	MN	1 21 52	38		+640			
	F	1 33 10						
" "	e	5 24 43						Local shock.
	F	5 27 25						
" 5	PN	0 36 29						Felt at Karenko (eastern coast)
	LN	0 36 41						
	MN	0 36 48	10		17			
	F	0 37 19						
" 6	e	2 47 04						Local shock.
	F	2 52 22						
" "	e	16 37 18						Do
	F	16 41 23						
" 8	e	17 55 05						Do.
	F	17 56 41						
" 9	PN.E	13 47 19						Initial displacement N 45 W ?
	PN	13 50 03						
	SE	13 50 20						
	LE	13 52 32						
	LN	13 52 48						
	MN	13 52 51	58		-17			
	ME	13 55 00	182	-115				
	MN	13 55 13	86		+23			
	ME	13 58 44	216	-285				
	ME	14 04 04	178	-153				
	F	14 56 -						
" 10	e	6 11 36						Felt at Karenko.
	LN	6 11 49						
	MN	6 11 53	09		-22			
	MN	6 12 02	10		+23			
	F	6 13 41						
" "	e	7 03 59						Felt in the northern part of Formosa. Epicenter : off eastern coast.
	LN	7 04 12						
	MN	7 04 15	07		+68			
	F	7 07 01						
" "	e	18 41 04						Local shock.
	LN	18 41 16						
	F	18 42 45						
" 12	e	10 09 01						Do.
	LN	10 09 15						
	F	10 10 56						
" "	e	21 57 24						Felt in the eastern coast.
	LN	21 57 38						
	MN	21 57 41	1.0		68			
	F	22 00 30						

from June 13 to June 14 1925

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02.'3$ $\lambda = 121°\ 30.'8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T_o	ε	r/T_o	V
AN :				
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	Amplitude AN μ	AE μ	AZ μ	△ km	Remarks
June 13	e	18 33 38				Felt locally at Epicentre.		Intensity △ 103 off Hualien coast
	EW	18 34 12						
	NS	18 34 16	14		26	max Kaseki.		
	F	18 36 22						
" 14	e	0 19 55				Do △ 100		
	EW	0 20 08						
	NS	0 20 12	12		28			
	F	0 22 34						
" "	e	1 05 34				Local shock		
	F	1 06 45						
" "	e	3 00 10				Felt in the eastern coast near Kiirun.		
	F	3 01 34						
" "	PE	5 38 38				Felt in the northern part of Formosa. Epicentre 23½ N, 121½ E. At Kiirun felt strong and there were some light damages. felt very numerous aftershocks.		
	EW	5 38 51						
	NS	5 38 57	12	+683				
	F	5 51 07						
" "	e	5 45 53				Aftershock of preceding peak; Felt at Kiirun.		
	F	5 46 53						
" "	e	5 56 18				Do.		
	F	5 57 38						
" "	e	5 58 11				Do.		
	F	5 59 48						
" "	e	6 17 16				Do.		
	F	6 18 03						
" "	PN	6 21 45				Do.		
	EW	6 22 07						
	NS	6 22 01	07		47			
	F	6 25 35						
" "	e	6 25 55				Do.		
	F	6 27 09						
" "	e	6 28 05				Do		
	F	6 29 14						
" "	P	6 31 28				Do	△ 103	
	EW	6 31 42						
	NS	6 32 07	10		+84			
	F	6 34 45						
"	e	6 37 08				Do.		
	F	6 38 11						
"	PNE	6 50 00				Felt in the northern of Formosa. Aftershock of No. 196.		
	LNS	6 50 15						
	MF	6 50 32	19		37			
	F	7 00 26						
"	e	8 16 22				Felt at Kiirun. Aftershock of No 196.		
	F	8 17 25						
"	e	8 27 50				Do.		
	F	8 29 14						
"	e	12 50 30				Do.		
	F	12 55 10						

14 from June 14 to June 17, 192 5

(甲第四號)

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02'.3$ $\lambda = 121°\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	AE μ	Amplitude AN μ	Amplitude AZ μ	△ km	Remarks
June 14	PN	13 46 14			The record is too compressed to clearly identify the phases with certainty. Felt in the eastern part of Formosa except the extreme north. Aftershock of No 15b.			
" "	PN	16 01 24				Felt in west coast districts. Felt in the eastern part of Formosa. Aftershock of No 15.		
	LN	16 01 38						
	MN	16 01 48	10		+252			
" "	E	16 06 19			Felt at Karenko. Aftershock of No 15b			
	F	16 09 25						
" "	E	22 15 18			Do			
	F	22 17 07						
" 15	PN	7 26 03				Do		
	LN	8 26 17						
	MN	8 26 31	1.0		-56			
	F	8 28 55						
	PN	8 30 02				Do.		
	LN	8 30 21						
	MN	8 30 28	1.4		27			
	F	8 33 03						
" "	E	9 13 42				Registered at Taihoku, Taichu, Tainan, Karenko, Kagi and Taito. May not aftershock of No. 15b.		
	F	9 15 44						
" "	E	9 47 35				Local shock		
	F	9 48 36						
" 16	PN	3 32 12				Felt in the eastern coast near Karenko. Aftershock of No 15b.		
	LN	3 32 29						
	MN	3 32 38	1.2		-35			
	F	3 36 11						
" "	E	3 36 10				Felt at Karenko, aftershock of No. 15b.		
	F	3 37 45						
	E	3 48 26				Do.		
	F	3 49 45						
" "	E	3 51 30				Do.		
	F	3 53 20						
" "	E	10 57 47				Do.		
	F	11 01 10						
" 17	E	1 13 03				Registered at Karenko and Taihoku, aftershock of No 15b.		
	F	1 19 10						
" "	PN	5 57 17				Felt in the eastern coast near Karenko. aftershock of No. 15b		
	LN	5 59 01						
	MN	5 59 05	0.6		31			
	F	6 01 22						
" "	E	10 14 48				Local shock.		
	F	10 16 06						
" "	PN	11 55 31				Felt at Karenko aftershock of No 15b.		
	LN	11 55 43						
	MN	11 55 44	1.2		36			
	F	11 57 54						
" "	E	22 28 18				Felt in west coast. Felt at Karenko aftershock of No. 15b.		
	LN	22 28 30						

大正十一年八月小塚納

No. 15 from June 17 to July 1 192 5

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02'.3$ $\lambda = 121°\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	△ km	Remarks
June 17	e	22 29 21						F lost in the next quake. Felt in the eastern coast near Karenko.
" "	e	22 31 47						Do. This and previous quakes are after-shock of No. 196.
	F	22 33 13						
" "	e	22 44 29						Felt at Karenko. after-shock of No 196
	F	22 45 52						
" 18	e	15 29 11						Do
	F	15 30 16						
" 19	PN	1 34 14						Do.
	LN	1 34 29						
	MN	1 34 50	0.7			80		
	F	1 36 40						
" "	PN	6 12 12						Felt in the eastern coast near Karenko. after-shock of No 196.
	LN	6 13 26						
	MN	6 13 39	1.2			48		
	F	6 16 43						
" 21	PN	3 53 07						Do.
	LN	3 53 24						
	MN	3 53 40	1.4			71		
	F	3 58 23						
" "	e	4 00 40						Do
	F	4 02 46						
" "	PN	4 06 44						Do
	LN	4 07 06						
	ME	4 07 15	1.2	-390				
	MN	4 07 22	1.0			+2.5		
	F	4 17 50						
" "	e	6 21 32						Do
	F	6 22 57						
" 22	e	1 18 54						Do
	MN	1 19 13	1.3			18		
	F	1 20 38						
" "	e	1 25 20						Weakly felt at Karenko. After-shock of No. 196.
	F	1 27 07						
" "	e	2 54 13						Slightly felt at Karenkō. After-shock of No. 196.
	F	2 56 33						
25	e	16 58 25						Registered at Karenko also, but not felt.
	LN	16 58 43						
	MN	16 58 48	1.2			25		
	F	17 02 27						
" 27	e	2 44 29						Registered at Karenkō also, but not felt
	F	2 46 21						After-shock of No. 196
" 28	e	2 10 11						Very faint sinusoidal L waves.
	F	2 50 -						
" "	P	6 16 07						Registered at Karenkō and Tainan
	L	6 18 07						
	F	6 50 -						
July 1	e	1 07 11						Felt at Hinakiden and Hakusha
	F	1 08 37						north-western part of Formosa.

大正十一年六月小笠縄

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02'.3$ $\lambda = 121°\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
Az :				

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	Az μ	△ km	Remarks
2	e	7 33 08						Registered at Karenko. It may be
	F	7 35 10						after-shock of No 1?6.
4	e	2 14 23						Felt at Saisō south-east coast.
	F	2 15 45						
5	e	5 34 34						Local shock
	F	5 35 52						
"	PN	14 11 00						Registered at Karenko also. may be after-
	LN	14 11 15						shock of No 1?6.
	MN	14 11 18	1.0		38			
	F	14 13 15						
7	PN	2 37 39						Felt in the eastern coast.
	LN	2 37 50						
	F	2 39 50						
8	e	19 53 25						Local shock
	F	19 55 09						
10	e	14 25 31						Do.
	F	14 27 05						
13	P	5 14 25						Felt in the southern part of Formosa.
	LN	5 14 54						
	MN	5 14 59	1.3		-35			
	F	5 16 56						
17	e	3 23 20						Registered at Tainan and Taito also.
	F	4 12 20						
"	eR	21 19 39						Distant quake.
	F	21 57 -						
"	eR	22 36 05						Do. Registred at Taito
	F	23 27 -						
19	e	7 32 02						Local shock.
	F	7 32 21						
"	e	10 29 49						Do
	F	10 30 09						
"	PRE	20 31 09						The N-S comp. pen deflected off the
	LRE	20 31 22						drum. Felt in the northern part of
	MR	20 31 26	1.3		+305			Formosa. after-shock of NO 1?6.
	F	20 39 34						
"	e	21 24 20						Felt at Karenko and vicinity. after-
	F	21 26 56						shock of NO. 1?6.
23	e	13 54 28						Felt in the mountain district of the
	L	13 54 39						middle part of Formosa.
	F	13 56 03						
28	e	6 43 30						Registred at Karenko and Taito also.
	LN	6 43 54						
	MN	6 44 16	2.4		24			
	F	6 48 26						
30	PN	16 46 30						Local shock
	LN	16 46 36						
	F	16 48 00						

大正十一年八月小塚納

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25^\circ\ 02'.3$ $\lambda = 121^\circ\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G.M.T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	△ km	Remarks
31	P	19 37 14						
	F	19 39 11						
3	e	23 48 02						
	LN	23 48 16						
	F	23 49 47						
7	e	11 58 43						Felt at Namshi (南澳), north-eastern coast of Formosa.
	LN	11 58 53						
	MN	11 58 53	12		13			
	F	12 01 07						
"	e	12 06 44						F lost in next quake.
"	e	12 09 51						Do.
"	e	12 12 31						
	F	12 19 35						
"	P	13 04 22						F lost in next quake
"	e	13 09 28						Very irregular waves
	F	13 17 04						
"	e	21 37 07						Felt in the eastern coast near Karenko.
	F	21 39 29						
8	P	4 36 55						
	LE	4 37 31						
	F	4 39 35						
9	P	18 49 25						
	F	18 52 45						
"	P	21 01 10						
	F	21 02 32						
11	e	5 56 58						
	F	5 58 34						
"	e	11 35 10						Local shock
	F	11 36 48						
12	e	23 01 22						Do
	F	22 02 37						
14	LE	6 37 -						Faint irregular sinusoidal L waves.
	F	6 50 -						
"	e	10 47 12						
	F	10 48 26						
"	e	22 48 52						Felt in the central mountainous district
	F	22 50 43						
16	LE	2 38 -						Faint irregular waves.
	F	2 59 -						
19	PL	12 17 37						Registered at Taichu, Tainan and Koshun. △ 313.3 km.
	SE	12 22 30						
	LE	12 25 51						
	ME	12 30 03		10.6	+16			
	ME	12 36 00		8.6	-29			
	ME	12 36 52		7.7	+33			
	ME	12 43 30		9.6	-33			
	F	14 00 -						

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi = 25°\ 02'.3$ $\lambda = 121°\ 30'.8$ h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	△ km	Remarks
Aug. 21	ePN	0 14 35				Local shock: felt at Nanshi, NE district.		
	eN	0 14 48						
	F	0 16 05						
" 27	e	9 49 05				Do.	Felt at Taihoku.	
	eE	9 49 10						
	ME	9 49 10	07	155				
	F	9 50 13						
" 31	ePN	17 37 36				Do.		
	FN	17 39 36						
" "	PN	19 24 27						
	eN	19 24 44						
	MN	19 24 48	12		30			
	F	19 27 47						
Sept. 1	eN	5 51 45				Felt in the districts of the southern extreme.		
	F	5 52 04						
" "	eN	14 26 30						
	F	14 27 51						
" "	eN	20 27 31				Local shock.		
	F	20 28 41						
" 5	eN	12 22 50				Do.		
	F	12 23 49						
" 6	PN	14 22 03						
	eN	14 22 15						
	MN	14 22 16	1.0		52	Do.	Felt at Taihoku	
	F	14 24 03						
" "	eN	21 11 06						
	eN	21 11 54						
	MN	21 12 16	1.9		39			
	F	21 15 26						
" 8	PN	4 21 54				Felt at Daisaiko, eastern coast.		
	eN	4 22 03						
	MN	4 22 05	1.0		52			
	ME	4 22 05	0.6	56				
	F	4 23 52						
" 9	eN	1 41 56				Local shock.		
	F	1 43 19						
" "	eN	15 02 49				Do.		
	F	15 04 56						
" 13	eN	2 06 21				Do.		
	F	2 07 37						
" 18	eN	12 40 00				Do.		
	eN	12 40 10						
	F	12 41 00						
" 19	eN	13 20 20				Do.		
	eN	13 20 34						
	F	13 21 53						
" 26	eE	17 49 -				Very faint diminished in area		
	F	18 03 -						

大正十一年八月小坂納

甲第四號)

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

$\varphi=25° 02'.3$ $\lambda=121° 30'.8$ h=8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum (mass 16 kg.)

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h	m	s	Period s.	Amplitude AE μ	AN μ	AZ μ	Δ km	Remarks
Oct. 1	eN	10	25	46						Local shock.
	F	10	26	26						
" 3	eN	10	02	28						Do.
	F	10	05	16						
" 6	eN	17	19	56						Do.
	F	17	21	05						
" 7	eN	19	59	42						Do.
	F	20	01	13						
" 9	eN	14	14	20						
	LN	14	14	40						
	F	14	17	27						
" 12	eN	16	28	08						Local shock.
	F	16	29	19						
" 13	ePE	18	03	03						Moderate micros made the record of N-S component very irregular, and obscured the preliminary tremors completely undiscernible. The record of E-W component obscured also.
	PRE	18	09	52						
	SE	18	16	56						
	SRE	18	21	45						
	LN	18	25	27						
	LE	18	25	29						
	ME	18	43	27	56.0	±25				
	ME	18	49	57	28.0	±40				
	ME	19	01	39	20.2	-25				
	ME	19	14	45	20.2	-30				
	F	19	51	-						
" 14	eE	17	14	36						P is not defined according to slight microseisms and minuteness of the amplitudes.
	LE	17	15	48						
	ME	17	17	44	6.7	+38				
	F	17	31	-						
" 15	ePE	12	40	51						According to slight microseisms and minuteness of the amplitudes, preliminary phases are not distinct.
	PN	12	40	52						
	SE	12	43	51						
	SN	12	44	27						
	LE	12	46	22						
	LN	12	46	24						
	MN	12	47	12	10.1		-118			
	ME	12	47	13	10.9	+60				
	ME	12	47	47	10.9	+75				
	MN	12	47	48	10.1		+129			
	MN	12	48	22	9.1		-103			
	ME	12	48	30	8.6	+85				
	MN	12	48	59	7.2		-50			
	MN	12	49	40	7.2		+36			
	ME	12	49	47	9.6	-75				
	F	13	21	-						
17	eN	9	36	45						Local shock. The tremors is very hasty.
	MN	9	37	23	0.6		35			
	F	9	38	04						
18	PE	8	30	40						P may be S.
	LE	8	34	31						
	F	9	19	-						
20	PE	10	58	38						
	LE	10	59	09						
	MN	10	59	15	1.0		13			
	F	11	02	05						

大正十一年八月小塚納

(甲第四號)

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

φ = 25° 02′.3 λ = 121° 30′.8 h = 8.0 m. Underground; alluvial.

Instrument ; Omori Horizontal Pendulum Mass; EW. Comp. = 16kg. NS. Comp. = 55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
Az :				

Date	Phase	G. M. T. Time h	m	s	Period s.	Amplitude AE μ	AN μ	Az μ	Δ km	Remarks
Oct. 21	eN	12	04	41						Local shock.
	LN	12	04	57						
	F	12	05	54						
" 22	eE	17	08	55						According to slight microseisms P of E-W component is not defined, but P̄, S and L are distinct. In the record of N-S component P̄ is fairly well-defined, but P and other phases are entirely obscured by microseisms.
	P̄E	17	08	56						
	P̄N	17	08	57						
	SE	17	10	14						
	SN	17	10	15						
	LE	17	14	11						
	ME	17	23	55	16.3	+190				
	F	17	59	-						
" 23	PN	0	49	35						At Taihoku, since one quietly sitting felt only one faint abrupt shock from [illegible].
	LN	0	49	50						
	ME	0	50	09	5.4	-190				
	F	0	56	38						
" 25	eE	0	26	29						
	iPN	0	26	30						
	iLN	0	30	34						
	LE	0	30	35						
	ME	0	31	27	6.0	+28				
	F	0	51	-						
" 30	LE	15	04	43						Faint sinusoidal L waves.
	F	15	21	-						
" 31	eN	10	32	59						
	LN	10	33	11						
	F	10	34	51						
Nov. 6	PN	16	48	28						The record of N-S component is so closely compressed that max. amplitude can not be read, but it is not greater than 317 μ. Felt at Taihoku.
	LN	16	48	43						
	MN	16	48	44	0.9	155				
	F	16	53	30						
" 10	PN	13	56	30						
	ePE	13	56	30						
	P̄E	13	56	55						
	P̄N	13	56	57						
	SN	13	59	03						
	SE	13	59	04						
	S̄E	13	59	31						
	S̄N	13	59	34						
	LN	14	01	32						
	LE	14	01	36						
	ME	14	03	05	25.9	+1495				
	MN	14	06	32	12.5		-527			
	ME	14	07	42	27.4	-1980				
	F	15	30	-						
" 11	PN	5	54	05						
	LN	5	54	47						
	MN	5	54	56	1.9		15			
	F	5	56	44						
" 13	PN	12	18	06						
	PE	12	18	08						
	SE	12	20	26						
	SN	12	20	49						
	LN	12	21	52						
	LE	12	22	04						
	CN	13	19	54						
	FN	14	50	-						

大正十二年九月小塚納

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

of the Taihoku Meteorological Observatory.

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Instrument ; Omori Horizontal Pendulum Mass; EW. Comp. = 16kg. NS. Comp. = 55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
Az :				

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	Az μ	△ km	Remarks
Nov. 14	eE	8 14 17						After-shock of No. 322.
	ePN	8 14 05						
	LE ?	8 11 35						
	LN	8 15 03						
	MIE	8 17 30	11.5	-33				
	MIN	8 19 32	11.5		-22			
	FE	9 30 -						
	FN	9 29 -						
" "	iPN	10 06 30						Very like after-shock of No. 322.
	iPE	10 06 47						
	LE ?	10 09 04						
	LN	10 10 00						
	MIE	10 10 37	13.4	+7°				
	MIN	10 10 52	10.6		-16			
	FN	11 13 -						
	FE	11 14 -						
" "	iPN	14 40 05						Do.
	iPE	14 40 11						
	LE ?	14 42 23						
	LN	14 43 46						
	MIE	14 44 34	12.0	-38				
	MIN	14 45 39	10.6		-6			
	FN	15 36 -						
	FE	15 49 -						
" 16	LE	12 42 -						
	FE	13 46 -						
" 18	PN	19 13 47						
	LN	19 14 02						
	MN	19 14 03	09		.57			
	FN	19 17 14						
" "	PN	19 57 04						
	LN	19 57 25						
	FN	19 59 17						
" 19	eN	23 49 13						
	LN	23 ~~49~~ 26						
	MN	23 49 27	0.5		15			
	FN	23 50 35						
" 21	iPE	6 06 08						The record of N-S component is so compressed that max. amplitude can not be read entirely. Only some one quietly sitting felt slightly at Taihoku.
	iPN	6 06 09						
	LE	6 06 17						
	LN	6 06 18						
	MIE	6 06 23	06	-125				
	F	6 10 46						
" 24	eN	13 37 16						Local shock
	F	13 38 52						
" 28	PNE	5 44 56						
	LN	5 45 48						
	MN	5 46 52	2.9		26			
	F	5 53 20						
" 29	eN	12 37 15						
	F	13 ~~50~~ -						
" 30	eN	17 48 07						The record is so irregular, that the phases can not be identified.
	F	18 07 -						

from December 1 to December 26 1925

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

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Instrument ; Omori Horizontal Pendulum Mass; EW. Comp.=16kg. NS. Comp.=55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h m s	Period s.	Amplitude AE μ	AN μ	AZ μ	△ km	Remarks
Dec. 1	e	11 23 22						Local shock.
	F	11 30 05						
" 4	PN	19 13 20						
	LN	19 13 32						
	MN	19 13 36	05			15		Do.
	FN	19 14 55						
" 7	iPE	8 52 47						N-S component was obscured by moderate tremors.
	SE	8 56 49						
	LE	8 59 28						
	ME	9 01 25	1.4	15				
	FE	9 18 18						
" 8	iPN	20 49 09						Local shock
	LN	20 49 18						
	MN	20 49 19	07			24		
	FN	20 52 32						
" 9	eN	8 49 49						Do.
	LN	8 50 01						
	MN	8 50 02	1.0			25		
	F	8 51 37						
" 10	eE	15 22 -						Faint sinusoidal L waves
	FE	16 18 -						
" 18	eN	18 33 21						E-W Component very slight.
	LN	18 33 56						
	MN	18 34 03	2.9			18		
	FN	18 38 00						
" 19	PN	17 38 27						Local shock.
	FN	17 39 52						
" "	PN	21 29 34						Do
	FN	21 31 30						
" 22	PNE	5 10 00						N-S component off the paper at $13^h 16^m 25^s$.
	SN	5 13 37						
	SE	5 13 40						
	LE	5 17 12						
	ME	5 17 45	5.6	+588				
	FE	6 05 -						
" 23	eN	1 44 14						
	FN	1 53 23						
" "	eN	10 18 30						
	SN	10 18 40						
	LN	10 18 48						
	MN	10 18 52	1.4			23		
	FN	10 20 47						
" "	eN	23 10 20						Faint irregular record.
	FN	23 20 -						
" 25	eN	19 00 48						Local shock.
	FN	19 02 09						
" 26	eE	18 27 39						
	LE	18 30 39						
	FE	19 06 -						

(甲第四號)

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

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Instrument ; Omori Horizontal Pendulum Mass; EW. Comp.=16kg. NS. Comp.=55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h	m	s	Period s.	Amplitude AE μ	AN μ	AZ μ	Δ km	Remarks
Dec. 27	PN	4	44	41						The record is so sharp that Max. amplitude not identified. Felt at Taihoku.
	LN	4	44	51						
	FN	4	47	00						
" "	PN	10	21	40						
	LN	10	22	10						
	MN	10	22	20	1.4		35			
	FN	10	27	06						
" "	ePE	10	33	20						
	LE	10	37	42						
	FE	11	16	-						
" 28	eN	4	36	47		-				Local Shock.
	FN	4	38	32						
" "	eN	9	11	22						
	LN	9	11	46						
	MN	9	11	50	1.4		22			
	FN	9	14	44						
" "	eN	20	08	36						
	FN	20	12	19						
" 29	LE	2	23	.						Very faint sinusoidal L wave.
	FE	2	45	-						
" "	eE	16	10	-						Very faint irregular wave.
	FE	16	56	-						
" 30	eN	12	30	34						Local shock.
	LN	12	30	38						
	FN	12	31	09						
" 31	eN	0	28	32						Do.
	LN	0	28	42						
	MN	0	28	42	1.0		44			
	FN	0	30	28						

大正十二年九月小塚納

（甲第四號）

TAIHOKU, FORMOSA, JAPAN.

SEISMIC BULLETIN

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Instrument ; Omori Horizontal Pendulum Mass; EW. Comp.=16kg. NS. Comp.=55kg.

	T.	ε	r/T.	V
AN :	16			120
AE :	30			20
AZ :				

Date	Phase	G. M. T. Time h	m	s	Period s.	Amplitude AE μ	AN μ	AZ μ	Δ km	Remarks
Dec. 31	eN	20	35	45						Local shock
	LN	20	35	01						
	MN	20	35	11	19		-54			
	FN	20	40	45						
" "	eN	20	40	45						Do.
	FN	20	42	00						
Jan. 4	eN	7	46	56						Do.
	FN	7	47	51						
" "	eN	17	49	34						Do.
	FN	18	50	53						
" [illegible]	LE	23	54	-						Sinusoidal L waves.
	FE	0	13	-						
" 8	eN	14	01	48						Local shock.
	TN	14	03	33						
" 9	eN	1	09	00						Very compressed record of local
	FN	1	10	12						
" 11	eN	15	12	10						Local shock
	FN	15	13	00						
" 12	eN	10	26	50						Do.
	LN	10	26	55						
	MN	10	26	57	1.0		-11			
	FN	10	28	00						
" "	eN	10	54	16						Do.
	LN	10	54	25						
	MN	10	54	26	1.2		-28			
	FN	10	55	38						
" "	eN	10	57	57						Do.
	FN	10	58	39						
" 18	PNE	21	15	31						The times of phases LN and [illegible] are not certain.
	SE	21	21	58						
	SN	21	22	02						
	LE	21	24	45						
	LN	21	30	18						
	MN	21	33	39	14.4		40			
	ME	21	37	05	14.4	198				
	F	22	12	-						
" 25	PNE	0	45	11						
	SN	0	52	39						
	SE	0	52	44						
	RE	0	56	13						
	RN	0	56	17						
	LE	1	00	20						
	LN	1	01	54						
	MN	1	02	06	15.4		-252			
	ME	1	02	37	23.0	+850				
	F	4	10	-						
" "	PE	0	57	05						Local shock
	LE	0	57	15						
	FE	0	58	33						
	eE	2	44	19						Felt at Tainan.
	FE	2	46	26						

大正十二年九月小塚納