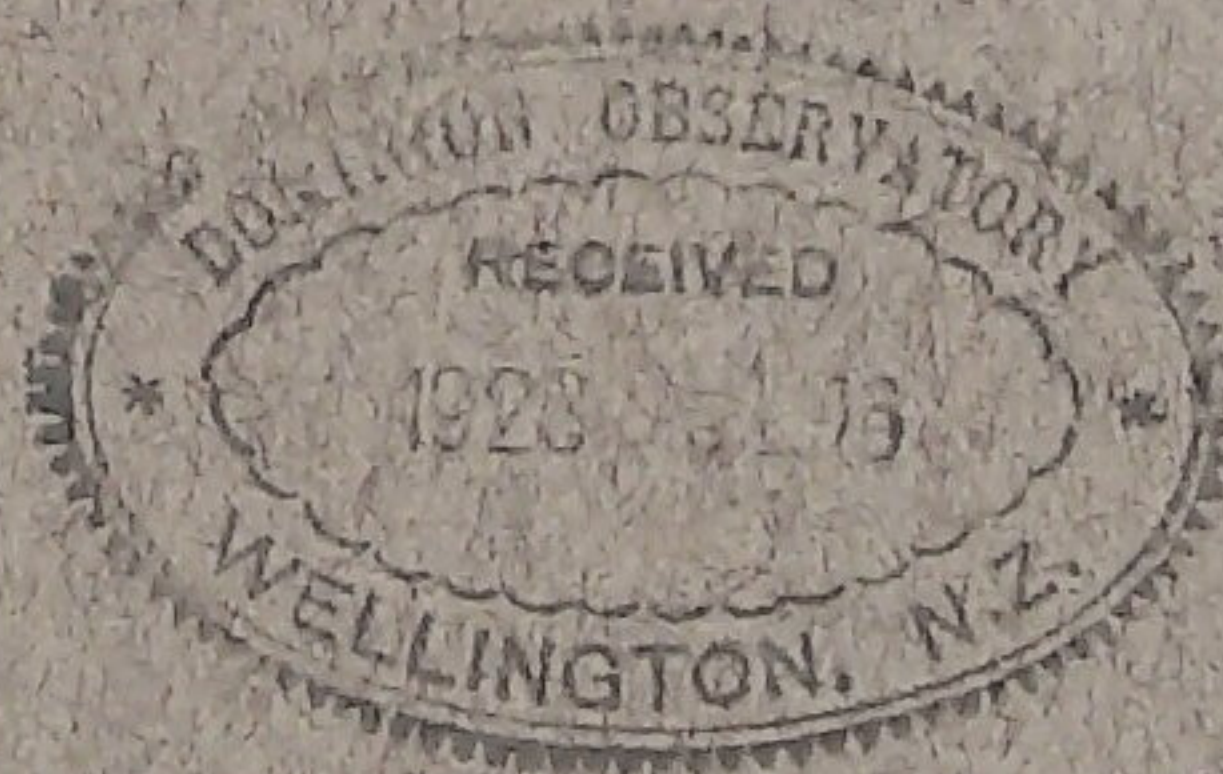


SEISMOLOGICAL BULLETIN
OF THE
AITIKEN METEOROLOGICAL OBSERVATORY

NAGOYA, JAPAN.

VOL. I. No. 2.

1927



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SEISMOLOGICAL OBSERVATORY,

NAGOYA

April, 1928.

NAGOYA JAPAN.



SEISMOLOGICAL BULLETIN

of the Aitiken Meteorological Observatory of Japan

Latitude ; 35° 10' N
 Longitude ; 135° 58' E from Greenwich
 Altitude : 51,^m 7 above mean sea level
 Time ; The Central Standard Time of Japan
 i.e, the civil mean time of the Meridian 135°E

Instrument ;
 Wiechert Seismograph (Horizontal and Vertical) Omori Seismograph (Horizontal Pendulum)

	T_0	ξ	$\frac{r}{T_0^2}$	V		T_0	ξ	$\frac{r}{T_0^2}$	V
AN	6. ^s 0	0.48	—	85	AN	4.0 ^s	0.06	—	40
AE	5. ^s 0	0.55	—	70	AE	4. ^s 0	0.05	—	40
AZ	4. ^s 0	0.03	—	64					

No.	Date	Phase	Time <small>Civil M. T. of 135°E</small>	Period	Amplitude			Δ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s'	s	μ	μ	μ	km.	
1	Jan. 1	eP	0 20 06					208	Enshu-nada.
		L	0 20 34						
		F	0 22 46						
2	" 8	eP	7 11 26				445	About 80km. E off the Cape of Sioya.	
		s	7 12 02						
		L	7 12 26						
		ME ¹	7 11 45	2.6		-47			
		ME ²	7 12 02	2.3		-44			
		MN ¹	7 11 50	2.7		-82			
		MN ²	7 12 02	2.6		-71			
	C	7 15 11							
	F	7 19 32							
3	" 8	eP	20 25 44					NE off the Cape of Sioya.	
		F	20 27 36						

No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
4	Jan. 8	eP	20	40	23					356	Ditto.
		L	20	41	11						
		ME	20	41	31	1.8		-35			
		MN	20	41	44	2.2	-47				
		Mz	20	41	34	1.8			±15		
		C	20	42	48						
		F	20	46	36						
5	" 9	eP	1	49	22						A Local shock.
		F	1	53	14						
6	" 9	eP	8	59	01						Near Nagoya.
		F	9	01	54						
7	" 9	eP	16	12	07					364	In the vicinity of Hira, Fukushima prefecture.
		L	16	12	56						
		MN	16	13	20	1.8	±24				
		ME	16	13	13	1.8		-15			
		F	16	15	33						
8	" 14	eP	17	32	38					378	E off the Cape of Sioya.
		S	17	33	00						
		L	17	33	29						
		MN	17	33	57	2.8	-82				
		ME	17	33	57	1.8		+47			
		C	17	35	00						
		F	17	38	35						
9	" 15	P	23	32	15					438	N. far off Kyogasaki Tango province.
		L	23	33	14						
		ME	23	33	18	4.5		±307			
		MN	23	33	22	4.5	±310				
		Mz	23	33	22	2.6			±78		
		C ¹ E	23	38	08	2.4		±35			
		C ² E	23	39	05	2.9		±24			
		F	23	43	10						

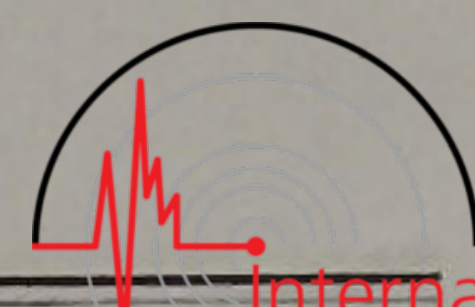
No.	Date	Phase	Time CIVIL M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
10	Jan. 18	P	6 59 47					423	E off Kinkwa-zan.
		L	7 00 44						
		MN ¹	7 01 11	3.1	-397				
		MN ²	7 01 24	2.5	-400				
		ME ¹	7 01 02	2.3		±256			
		ME ²	7 01 22	2.3		+294			
		CN ¹	7 02 34	2.4	-153				
		CE ¹	7 02 40	3.0		+94			
		CN ²	7 02 58	3.2	±130				
		CE ²	7 03 10	3.0		+71			
		CN ³	7 03 32	3.0	-118				
		FN	7 12 22						
11	" 24	eP	10 15 40					A distant earthquake.	
		F	10 20 55						
12	" 24	P	13 07 59				186	S. far off Omae-zaki Sizuoka prefecture.	
		L	13 08 24						
		F	13 12 13						
13	" 27	eP	9 29 30				178	In the course of the River-Tenryu.	
		L	9 29 44						
		F	9 31 15						
14	" 31	P	12 43 40				52	Lower course of the River-Ibi.	
		L	12 43 47						
		F	12 48 47						
15	Feb. 2	eP	13 34 16					N. E. off the Cape of Sioya.	
		F	13 38 14						
16	" 3	eP	12 56 16				2205	Lower course of the Yang-tze valley.	
		L	13 00 03						
		MN	13 01 12	4.1	-53				
		F	13 14 29						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
17	Feb. 3	eP	13 55 26	2.7	±35			2198	Ditto.
		L	13 59 12						
		MN	14 00 09						
		F	14 10 39						
18	" 4	eP	11 59 05						A distant earthquake.
		F	12 04 10						
19	" 7	P	16 27 55				30		Middle course of the River-Ibi, a local shock.
		L	16 27 59						
		F	16 29 27						
20	" 8	eP	21 34 47						N. coast of Kasima-nada.
		F	21 37 15						
21	" 16	eP	10 39 21				3133		In the sea S. E. off Kamtchatka.
		S	10 42 51						
		L	10 45 30						
		F	11 45 57						
22	" 16	eP	12 00 43				3133		Ditto.
		S	12 03 59						
		L	12 06 52						
		F	13 09 13						
23	" 16	eP	20 57 01						Very faint record.
		F	21 06 16						
24	" 18	eP	21 13 39						Upper course of the River-Ono, Bungo province.
		F	21 17 29						
25	" 23	eP	4 28 11						
		F	4 39 11						
26	" 25	eP	18 05 55						Near the Lake of Imbanuma Ibaraki prefecture.
		F	18 08 20						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
27	Feb. 25	eP	21 18 06						S. off Omae-zaki Sizuoka prefecture.
		F	21 20 34						
28	Mar. 7	P	18 28 15	2.1	±22500			186	Epicentre in the sea near the Town of Amino, Tango province, where it produced a great disa- ster. (Noted as Kita-Tango ear- thquake) Felt strongly at Nagoya.
		S	18 28 27						
		L	18 28 40						
		MN	18 29 05						
		C	18 31 34						
		F	18 42 10						
29	" 7	P	18 44 18					223	Felt strongly, after shock of No. 28. By Omoris Seismograph.
		P̄	18 44 25						
		L	18 44 48						
		Mz	18 45 03						
		F	—						
30	" 7	eP	18 50 30						Ditto. No feeling
		F	18 52 30						
31	" 7	P	18 52 28	1.8				148	Ditto.
		L	18 52 48						
		Mz	18 52 51						
		F	18 56 08						
32	" 7	eP	18 58 00						Ditto.
		F	18 59 52						
33	" 7	eP	19 01 41						Ditto.
		F	19 03 22						
34	" 7	eP	19 13 49						Ditto.
		F	19 14 57						
35	" 7	eP	19 15 11						Ditto.
		F	19 17 55						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
36	Mar. 7	eP	19 20 42						Ditto.
		F	19 22 15						
37	" 7	eP	19 23 35						Ditto.
		F	19 25 45						
38	" 7	eP	19 33 40						Ditto.
		F	19 35 55						
39	" 7	eP	19 37 35						Ditto.
		F	19 38 42						
40	" 7	eP	19 38 57						Ditto.
		F	19 40 45						
41	" 7	eP	19 42 27						Ditto.
		F	19 43 20						
42	" 7	eP	19 47 35						Ditto.
		F	19 52 35						
43	" 7	eP	19 52 42						Ditto.
		F	19 54 30						
44	" 7	eP	20 01 42						Ditto.
		F	20 03 20						
45	" 7	eP	20 22 52						Ditto.
		F	20 24 30						
46	" 7	eP	20 54 10						Ditto.
		F	20 55 05						
47	" 7	eP	21 21 13						Ditto.
		F	21 23 10						

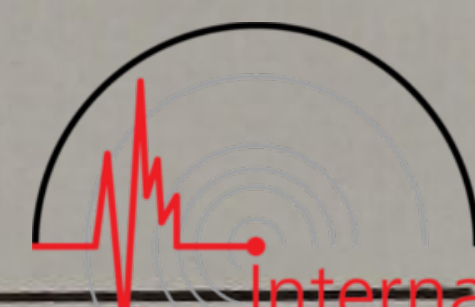
No.	Date	Phase	Time CHIM. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
48	Mar. 7	eP	21 32 35						Ditto.
		F	21 34 15						
49	" 7	eP	22 23 14					186	Ditto.
		S	22 23 32						
		L	22 23 39						
		MN	22 24 24	1.8	±875				
		ME	22 24 22	2.1		±400			
		F	22 30 22						
50	" 7	eP	22 26 22					Ditto.	
		F	22 28 05						
51	" 7	eP	23 11 37				163	Ditto.	
		L	23 11 59						
		MN	23 12 18	2.3	±125				
		ME	23 12 19	2.2		±125			
		C	23 12 49						
		F	23 14 17						
52	" 7	eP	23 44 58					Ditto.	
		F	23 46 31						
53	" 8	eP	0 02 38					Ditto.	
		F	0 03 30						
54	" 8	eP	0 29 58					Ditto.	
		F	0 31 19						
55	" 8	eP	0 36 32				178	In the course of the River-Kiso, Gifu prefecture. Induced by No, 28 ?	
		L	0 36 56						
		MN	0 37 32	1.6	±1000				
		ME	0 37 34	1.8		-500			
		C	0 38 32						
		F	0 42 45						



No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			Δ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
56	Mar. 8	eP	0 48 58					163	After shock of No.28
		L	0 49 20						
		F	0 52 47						
57	" 8	eP	1 14 40						Ditto.
		F	1 15 45						
58	" 8	eP	1 33 13						Ditto.
		F	1 34 13						
59	" 8	eP	2 02 00						Ditto.
		F	2 02 42						
60	" 8	eP	3 43 30						Ditto.
		F	3 44 18						
61	" 8	eP	3 47 05						Ditto.
		F	3 48 00						
62	" 8	eP	4 34 23						Ditto.
		F	4 44 30						
63	" 8	eP	4 44 22						Ditto.
		F	4 45 08						
64	" 8	eP	4 54 05						Ditto.
		F	4 55 42						
65	" 8	eP	5 35 17						Ditto.
		F	5 36 13						
66	" 8	eP	5 45 02						Ditto.
		F	5 45 45						
67	" 8	eP	5 55 10						Ditto.
		F	5 56 33						



No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
68	Mar. 8	eP	6 21 25						Ditto.
		F	6 22 43						
69	" 8	eP	6 52 57						Ditto.
		F	6 53 58						
70	" 8	eP	7 16 09					148	Ditto.
		L	7 16 59						
		F	7 18 49						
71	" 8	eP	7 32 29						Upper course of the River-Ibi Gifu-prefecture
		F	7 33 39						
72	" 8	eP	8 34 59						After Shock of No. 28.
		F	8 36 42						
73	" 8	P	9 13 44					141	Ditto.
		L	9 14 03						
		MN	9 14 27	1.9	-250				
		ME	9 14 26	2.1		-150			
		F	9 17 52						
74	" 8	eP	19 32 44						Ditto.
		F	19 34 31						
75	" 8	eP	21 03 21						Ditto.
		F	21 04 32						
76	" 8	eP	21 44 50						Near Nagoya.
		F	21 45 50						



No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	AZ		
			h	m	s	s	μ	μ	μ	km.	
77	Mar. 8	P	23	44	10					171	After shock of No. 28.
		L	23	44	33						
		ME	23	44	38	1.8		-850			
		MN	23	44	43	1.7	-1125				
		C	23	46	28						
		F	23	50	55						
78	" 9	P	8	16	43					148	Ditto.
		L	8	17	03						
		C	8	18	06						
		F	8	19	13						
79	" 9	eP	10	50	36					171	Ditto.
		L	10	50	59						
		F	10	53	55						
80	" 9	eP	20	52	16					163	Ditto.
		L	20	52	38						
		MN	20	52	53	1.6	±75				
		ME	20	52	52	1.6		±150			
		F	20	55	13						
81	" 10	eP	4	05	45						Ditto.
		F	4	07	35						
82	" 10	eP	5	05	59					178	Ditto.
		L	5	06	23						
		MN	5	06	35	1.7	±200				
		ME	5	06	36	1.7		±150			
		F	5	09	48						
83	" 11	P	7	35	30					148	Ditto. Felt slightly, at Nagoya
		L	7	35	50						
		F	7	38	50						

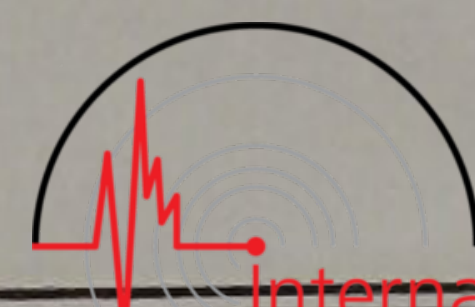
No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
84	Mar. 12	eP	15 33 37					186	Ditto.
		L	15 34 02						
		F	15 35 32						
85	" 12	eP	5 30 29					186	Ditto.
		L	5 30 54						
		MN	5 31 17	1.6	±470				
		ME	5 31 17	1.6		±225			
		F	5 36 14						
86	" 13	eP	13 37 46						Ditto.
		F	13 39 22						
87	" 20	eP	12 51 43					148	Ditto.
		L	12 52 05						
		F	12 55 48						
88	" 16	P	15 54 25					445	NNE off Miyako, Iwate prefecture.
		S	15 55 25						
		L	15 56 12						
		MN	15 56 45	2.1	±550				
		ME	15 56 44	2.3		±200			
		F	16 20 09						
89	" 18	eP	21 48 16					163	After shock of No. 28.
		L	21 48 33						
		MN	21 48 49	—	-71				
		ME	21 48 48	1.0		-74			
		F	21 55 23						
90	" 20	eP	13 45 44					156	Ditto.
		L	13 46 05						
		MN	13 46 22	1.2	-182				
		ME	13 46 10	—		±35			
		MZ	13 46 24	2.8			±18		
		F	13 51 —						

No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	AZ		
			h	m	s	s	μ	μ	μ	km.	
91	Mar. 22	P	12	58	10					163	Ditto.
		L	12	58	32						
		F	13	00	14						
92	" 23	eP	22	50	50					148	Ditto.
		L	22	51	10						
		F	22	53	25						
93	" 24	eP	6	51	50						Kitan-straits.
		F	6	53	55						
94	" 25	eP	0	35	07					148	After shock of No. 28.
		L	0	35	27						
		F	0	37	54						
95	" 25	eP	19	13	59					141	Ditto.
		L	19	14	18						
		F	19	18	23						
96	" 30	iP	22	31	10					148	Ditto.
		L	22	31	30						
		MN	22	31	32	1.9	-35				
		ME	22	31	32	1.0		±18			
		F	22	38	54						
97	April 1	iPE	6	09	06.8					164	Felt moderately, epicenter along the Yamada-Faults. After shock of the Kitatango-earthquake.
		L	6	09	29.1						
		ME	6	09	37.8	-		±820			
		MN	6	09	-		Scale out				
		MZ	6	09	37.0	1.2			-270		
		F	6	31	-						
98	" 1	iP	18	23	59.2					148	Ditto, No feeling.
		L	18	24	19.2						
		MN	18	24	21.2	1.6	±47				
		ME	18	24	20.2	1.6		±71			
		F	18	31	53.2						

No.	Date	Phase	Time Civil M. T. of 135°E			Period s	Amplitude			△ Epicentre- Distance kin.	Remarks
							AN μ	AE μ	Az μ		
99	April 2	iP	4	16	44.6				1460	A distant earthquake. Epicenter eastern sea of Philippin.	
		L	4	18	37.8						
		F	—	—							
100	" 2	e	4	25	22.4					Ditto.	
		F	4	31	52.3						
101	" 2	iP	8	25	42.0				126	Upper course of the River- Masuda, Hida province.	
		L	8	25	59.0						
		MN	8	26	21.0	2.4	+59				
		ME	8	26	21.0	1.7		-71			
		F	8	33	52.0						
102	" 2	eP	16	06	08.0				45	Middle course of the River-Ibi Mino province.	
		L	16	06	14.0						
		F	16	07	42.3						
103	" 3	eP	21	18	58.0					After shock of the Kitatango earthquake.	
		F	21	21	18.0						
104	" 3	eP	21	42	41.1					In the course of the River-Tone.	
		F	21	44	13.0						
105	" 3	iP	22	48	40.5				?	In the sea NNE off Titizima Island.	
		LE	22	50	05.8						
		LN	22	50	15.0						
		MN	22	50	19.0	2.6	±12				
		F	22	54	41.0						
106	" 4	eP	14	00	01.0				451	In the sea NE off Kinkwa-zan.	
		L	14	01	00.9						
		ME	14	01	37.8	2.3		-29			
		MN	14	01	35.8	2.7	+82				
		Mz	14	01	33.6	2.5		±25			
		F	14	07	52.8						

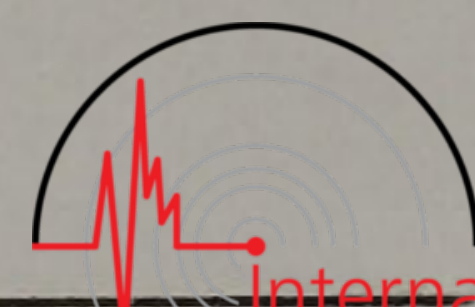
No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
107	April 8	P	17	42	54.0					139	After shock of the Kitatango earthquake.
		L	17	43	12.7						
		ME	17	43	16.5	1.1		±59			
		MN	17	43	15.6	—	-40				
		F	17	52	—						
108	" 8	iP	22	05	56.0					145	Ditto. Felt slightly.
		L	22	06	15.5						
		ME	22	06	18.3	1.5		-282			
		MN	22	06	19.3	—	+228				
		F	22	15	—						
109	" 11	eP	0	55	51.0					170	Ditto.
		L	0	56	13.9						
		F	0	59	19.0						
110	" 11	eP	1	33	19.5						Ditto.
		F	1	34	41.1						
111	" 12	iP	12	30	59.9					83	Upper course of the River-Masuda. Hida province.
		L	12	31	11.2						
		ME	12	31	40.6	1.4		-24			
		MN	12	31	43.2	1.4	±10				
		F	12	37	21.2						
112	" 13	eP	22	49	18.9						Far SSE sea of Formosa.
		F	23	01	50.8						
113	" 14	eP	15	43	30.3						A distant earthquake.
		F	15	54	50.3						
114	" 14	eP	20	56	21.7					80	Upper course of the River-Masuda. Hida province.
		L	20	56	32.5						
		F	20	59	—						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
115	April 15	eP	2 00 03.5					162	After shock of the Kitatango earthquake.
		L	2 00 25.4						
		ME	2 00 26.3	0.5		-23			
		MN	2 00 25.0	—	±10				
		F	2 03 50.7						
116	" 16	eP	22 35 09.0				145	Ditto. (By Omori's Seismometer)	
		L	22 35 31.3						
		F	22 37 45.0						
117	" 20	eP	2 35 01.8					A distant earthquake. (By Omori's Seismo-meter)	
		F	2 44 —						
118	" 20	eP	5 49 37.1					After shock of Kitatango earthquake. (By Omori's Seismo-meter)	
		F	5 50 —						
119	" 20	eP	16 57 14.7				191	Lower course of the River-Kino, Wakayama prefecture.	
		L	16 57 40.4						
		ME	16 58 34.2	2.1		±11			
		F	17 05 08.4						
120	" 22	eP	8 19 26.0				321	SE off Mera, Awa province.	
		L	8 20 09.4						
		ME	8 20 20.3	1.0		-11			
		F	8 25 32.6						
121	" 22	cP	19 57 06.8					Upper course of the River-Tokati, Hokkaido.	
		F	20 17 47—						
122	" 23	eP	13 20 51.7				198	After shock of Kitatango earthquake.	
		L	13 21 18.4						
		ME	13 21 15.9	1.6		±12			
		F	13 25 17.2						



No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
123	April 24	eP	10 14 18.7					425	In the sea off Iwaki province. (By Omori's Seismometer)
		L	10 15 16.0						
		MN	10 15 55.0	2.6	-75				
		ME	10 15 55.5	2.4		±25			
		F	10 19 28.0						
124	" 24	eF	18 13 25.6					Lower course of River-Tenryu Siduoka prefecture.	
		F	18 15 07-						
125	" 25	eP	19 28 06.2					After shock of Kitatango. earthquake.	
		F	19 29 34.6						
126	" 28	P	4 17 47.8				731	N off Titizima Island.	
		L	4 19 07.5						
		F	4 40 44.3						
127	" 28	eP	7 25 59.6					On the E. coast of Sagami Bay.	
		F	7 29 18.1						
128	" 28	P	8 38 02.0				180	In the sea off Kumihama, Tango province.	
		L	8 38 26.3						
		F	8 42 49.0						
129	May 1	eP	0 04 09.5					Mouth of the River-Tama Kanagawa prefecture.	
		F	0 09 45.0						
130	" 6	eP	22 31 33.8					Middle course of the River-Ooi	
		F	22 32 23-						
131	" 7	eP	1 26 04.0				84	Near Mt. Mikuni-ga-dake Wakasa province.	
		L	1 26 15.3						
		F	1 28 08.0						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks		
					AN	AE	AZ				
132	May 8	eP	h m s 16 58 01.5	s	μ	μ	μ	km. 381	Upper course of the Gono-kawa, Simane prefecture.		
		L	16 58 52.9								
		ME	16 58 59.5							2.7	-58
		MN	16 58 57.0							2.4	+62
		F	17 05 41.5								
133	" 13	eP	17 44 04.4					169	After shock of Kitatango earthquake.		
		L	17 44 27.2								
		F	17 46 03.6								
134	" 14	eP	15 37 38.0					473	In the sea off Kinkwa-zan.		
		L	15 38 41.7								
		ME	15 39 15.6							2.2	+12
		MN	15 39 15.3							2.0	±14
		F	15 47 13.0								
135	" 16	iP	21 02 41.8					1580	Far off Titizima Island.		
		L	21 04 54.8								
		F	21 51 37.0								
136	" 20	iP	4 18 38.9					183	Titibu Districts, Saitama prefecture.		
		L	4 19 03.6								
		ME	4 19 13.3							1.0	+109
		MN	4 19 18.9							4.5	+280
		Mz	4 19 08.1							1.8	-140
		C	4 20 13.3								
		F	4 28 21.0								
137	" 22	eP	13 31 19.7					450	ENE off the Cape of Sioya, waki province.		
		L	13 32 19.6								
		ME	13 32 52.2							1.9	+12
		MN	13 32 45.0							2.3	+17
		F	13 37 22.6								
138	" 22	eP	21 00 49.9						A distant earthquake.		
		F	21 20 —								



No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
139	May 23	P	7	38	39.5					3859	A distant earthquake airily registered, Epicentre near Fiji Islands.
		S	7	43	26.5						
		L	7	46	39.5						
		M _{1E}	7	48	29.4	14.0		-436			
		M _{2E}	7	50	53.4	13.6		±436			
		M _{1N}	7	51	20.5	22.8	+414				
		Mz	7	50	57.2	29.6			-156		
		C _{1E}	7	56	27.0						
		C _{2E}	7	57	54.4						
C _{1N}	7	57	59.1								
F	9	15	—								
140	" 29	eP	4	33	52.0					179	After shock of Kitatango earthquake.
		L	4	34	16.1						
		F	4	37	—						
141	" 31	eP	16	40	49.6					278	Kasima-nada.
		L	16	41	27.0						
		F	16	48	—						
142	June 3	eP	16	19	53.4					3182	A distant earthquake. Epicentre near Borneo.
		L	16	26	09.8						
		M _E	16	26	14.9	6.7		+94			
		M _N	16	26	16.0	5.2	+228				
		F	17	15	—						
143	" 9	eP	12	25	07.7					473	In the sea SE off Kinkwa-zan.
		L	12	26	11.4						
		M _E	12	26	51.4	2.0		±24			
		M _N	12	26	45.4	2.6	+42				
		C	12	27	51.5						
		F	12	35	—						
144	" 12	eP	17	20	52.2					278	Central Japan.
		L	17	21	29.6						
		M _E	17	21	35.5	2.3		+14			
		F	17	27	20.3						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	ΔE	AZ		
			h m s	s	μ	μ	μ	km.	
145	June 18	eP	10 01 07.0						S. sea off Formosa.
		F	10 08 17.0						
146	" 18	P	11 27 27.6					350	S.W. sea off Hatijo Island.
		L	11 28 14.8						
		ME	11 28 17.0	3.1		+94			
		MN	11 28 30.8	2.3	+54				
		F	11 38 17.0						
147	" 24	eP	22 49 05.9						Local shock.
		F	22 50 15.0						
148	" 25	eP	23 33 50.9					212	S. sea off Idu Peninsula.
		L	23 34 19.5						
		ME	23 34 20.9	2.0		±14			
		MN	23 34 19.7	2.0	-28				
		F	23 41 14.4						
149	July 4	eP	22 06 54.5					284	Kumano-nada.
		L	22 07 32.7						
		ME	22 07 35.9	3.1		+12			
		F	22 14 49.0						
150	" 5	eP	2 11 22.8					167	Lower course of the River Ichikawa, Hyogo prefecture.
		L	2 11 45.3						
		F	2 16 28.0						
151	" 7	eP	5 35 06.3					171	After shock of Kitatango earthquake.
		L	5 35 29.3						
		F	5 37 11.2						
152	" 9	eP	6 12 10.9					298	Near the mouth of the River Kuji, Ibaraki prefecture.
		eS	6 12 31.0						
		L	6 12 51.0						
		ME	6 12 45.8	2.6		±12			
		F	6 18 11.0						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
153	July 11	eP	11 12 08.8					497	Kasima-nada.
		eL	11 13 15.8						
		F	11 17 51.0						
154	" 11	eP	14 35 28.3					870	Microseisms.
		F	15 11 11.0						
155	" 11	eP	17 10 22.6					870	E. off the Cape of Siriya, Aomori prefecture.
		S	17 11 57.2						
		L	— —						
		ME	17 13 39.6	3.5		±12			
		MN	17 13 19.3	3.1	±28				
F	17 23 11.0								
156	" 13	eP	6 11 05.9					1436	SE. off the Cape of Otiisi, Hokkaido.
		L	6 12 55.5						
		MN	6 13 40.8	1.7	+400				
		C	6 15 08.4						
		F	6 19 08.4						
157	" 17	eP	17 53 24.4					79	Upper course of the Miyagawa, Ise province.
		F	18 03 09.4						
158	" 20	P	12 48 10.9					79	Upper course of the Miyagawa, Ise province.
		L	12 48 21.5						
		ME	12 48 26.4	0.5		-35			
		MN	12 48 22.7	1.3	+57				
		F	12 55 44.6						
159	" 22	eP	13 42 30.0					513	Upper course of the River-Kako, Harima province.
		F	13 45 12.0						
160	" 24	eP	2 22 06.5					513	S. off the coast of Kinkwa-zan.
		L	2 23 15.5						
		ME	2 24 49.1	3.4		+17			
		MN	2 24 25.7	2.2	+18				
		F	2 37 —						

No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
161	July 24	P	5	28	03.9					192	Upper course of the River Sagami.
		L	5	28	29.7						
		M _E	5	28	48.6	1.3		+21			
		M _N	5	28	45.8	1.5	+25				
		F	5	34	32.9						
162	" 27	iP	23	52	37.4					418	In the sea NE off Hatijio Island.
		S	23	53	08.1						
		L	23	53	33.6						
		M _N	23	53	58.2	2.3	+67				
		M _E	23	54	15.8	2.3		-65			
		M _Z	23	54	15.4	2.0			-28		
		C	23	55	47.4						
F	24	05	48.0								
163	" 30	eP	23	19	23.3					284	Kasima-nada.
		P	23	19	32.6						
		S	23	20	01.6						
		L	23	20	20.0						
		M _E	23	20	26.0	2.6		-306			
		M _N	23	20	28.0	2.7	+471				
M _Z	23	20	36.3	1.7			-141				
F	23	33	—								
164	Aug. 5	eP	0	55	15.7						A distant earthquake, probably in South sea.
		F	1	07	—						
165	" 5	e	1	16	48.5						In the sea off Kusiro, Hokkaido.
		F	1	22	—						
166	" 5	eP	3	13	01.5						Kii-channel.
		F	3	15	22.7						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
167	Aug. 5	iP	21 41 12.0					163	Bay of Kumihama, Tajima province.
		L	21 41 33.9						
		ME	21 41 41.4	0.9		+71			
		MN	21 41 44.3	1.0	-58				
		F	21 48 41.5						
168	" 6	eP	6 14 19.2					497	In the sea near the mouth of the River Abukuma, Miyagi prefecture. Our Wiehert scale out and MN was read by Omori's Seismometer.
		L	6 15 26.1						
		ME	— — —	—		1200			
		MN	Scale out	—	+3000				
		Mz	6 15 58.5	—		+550			
169	" 7	eP	10 40 54.4					289	Lower course of the River Tone.
		L	10 41 33.3						
		ME	10 41 27.9	1.0		-30			
		MN	10 41 59.1	1.7	+29				
		F	10 47 17.1						
170	" 7	e	12 57 34.4						After shock of No. 168.
		F	13 02 —						
171	" 8	e	0 56 45.4						SE sea off Kinkwa-zan Miyagi prefecture.
		F	1 01 —						
172	" 8	e	3 43 32.3						Ditto.
		F	3 50 —						
173	" 8	eP	10 02 24.5					2193	In the course of the River Isikari, Hokkaido.
		L	10 06 09.8						
		F	10 14 —						
174	" 8	eP	10 15 42.1						Middle course of the River Tone.
		F	10 18 00.2						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
175	Aug. 8	e	10 18 00.2						After shock of No. 168. Early phases lost in preceding quake.
		F	10 23 —						
176	" 9	eP	3 51 01.5						Bay of Ariake.
		F	3 57 37.2						
177	" 10	eP	20 43 10.9					4369	A distant earthquake Epicentre probably in South sea.
		S	20 48 47.5						
		L	20 52 27.9						
		ME	20 53 27.0	14.5		±18			
		MN	20 56 44.2	15.4	±22				
		F	21 27 —						
178	" 12	eP	9 35 44.3					1326	NW. sea off Titijima Island. F diminished in the following quake.
		L	9 37 16.9						
		ME	9 37 22.5	3.8		-71			
		MN	9 37 25.0	2.9	-57				
		C	9 39 47.5						
		F	— — —						
179	" 12	e	9 47 45.4					Trace only.	
		F	9 57 —						
180	" 12	eP	10 25 25.3					180	Middle course of the river Iti- kawa, Hyogo prefecture.
		L	10 25 49.5						
		F	10 28 39.0						
181	" 13	eP	2 32 16.0					300	Far SE. sea off Kumano-nada.
		L	2 32 56.4						
		ME	2 32 58.5	3.1		+12			
		MN	— — —						
		F	2 37 36.0						
182	" 14	eP	10 42 13.7					277	SSW. sea off Mera, Boso-penin- sula.
		L	10 42 51.0						
		MN	10 42 15.6	2.3	±10				
		F	10 47 27.0						

No.	Date	Phase	Time Civil M. T. of 135°E	Period s	Amplitude			△ Epicentre- Distance	Remarks
					AN μ	AE μ	AZ μ		
183	Aug. 16	eP	20 23 38.2					184	Middle course of the River Iti-kawa, Hyogo prefecture.
		L	20 24 03.0						
		F	20 28 —						
184	" 19	iP	4 29 50.0				1662	SE. sea off Katuura Kadusa province. F diminished in the following quake. Period of surface wave was very long.	
		S	4 31 12.2						
		L	4 32 14.1						
		MN	4 32 43.0	10.2	-471				
		ME	4 33 48.2	5.5		±235			
		Mz	4 33 57.5	9.2					-125
		C	4 34 52.5						
F	— — —								
185	" 19	e	5 08 16.7				1683	In the sea off Katuura.	
		S	5 09 29.1						
		L	5 10 44.0						
		F	5 41 —						
186	" 19	eP	21 44 16.0				324	Kasima-nada.	
		S	21 44 37.2						
		L	21 44 59.7						
		ME	21 45 23.9	2.7		+35			
		MN	21 45 31.2	3.0	+30				
F	21 53 —								
187	" 20	eP	8 17 52.7				1388	E. sea off Katuura.	
		S	8 18 49.7						
		L	8 19 34.8						
		MN	8 19 44.2	3.1	+29				
		F	8 27 16,—						
188	" 21	eP	6 38 21.9				1563	SSE. sea off Tyosi Tiba-prefec- ture.	
		S	6 39 39.2						
		L	6 40 30.9						
		F	7 03 —						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s		μ	μ	μ	km.	
189	Aug. 21	eP	7 13 37.0					358	Far off Kumano-nada.
		S	7 14 25.2						
		ME	7 14 31.5	3.9		+35			
		MN	7 14 34.2	2.5	±15				
		F	7 20 37.-						
190	" 21	eP	11 28 57.3						E. sea off Tyosi Tiba-prefecture.
		F	11 35 —						
191	" 21	eP	17 06 58.5				576	Ditto.	
		S	17 07 38.5						
		L	17 08 15.8						
		F	17 15 —						
192	" 23	iP	15 30 12.3				1624	NNE. sea off Titijima Island. (By Omori's Seismometer)	
		S	15 31 21.9						
		L	15 32 29.0						
		ME	15 33 43.2	8.6		-164			
		MN	15 33 43.4	8.6	-194				
		F	16 07 28.-						
193	" 24	iP	14 30 49.2				382	SW. sea off Hatijio Islands.	
		S	14 31 40.7						
		ME	14 31 43.2	3.2		+19			
		MN	14 31 42.8	2.6	+7				
		F	14 39 43.3						
194	" 24	eP	16 49 27.8					Upper course of the River Agano, Iwasiro province.	
		F	16 58 20.0						
195	" 24	eP	17 57 09.0				612	Far E sea off the Cape of Sioya, Fukushima prefecture.	
		L	17 58 31.5						
		ME	17 58 55.8	3.3		±24			
		MN	17 59 56.0	2.6	-37				
		F	18 22 —						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
196	Aug. 25	iP	0 19 45.6					599	SE. sea off Kinkwa-zan.
		S	0 20 34.7						
		L	0 21 06.2						
		ME	0 21 33.9	2.3		-12			
		MN	0 21 33.5	2.2	±12				
		F	0 34 —						
197	" 25	eP	3 06 20.8						E sea off Hatijo Islands.
		F	3 11 —						
198	" 25	eP	3 13 20.3				3827		S. part of Formasa strong shock in the epicentral region.
		eS	3 16 56.9						
		L	3 21 15.4						
		F	3 33 —						
199	" 25	eP	8 56 27.4						After shock of No. 168.
		F	9 08 —						
200	" 26	eP	1 07 09.1						ENE. sea off Tyosi.
		F	1 17 —						
201	" 26	eP	1 59 35.4						After shock of No. 198.
		F	2 12 —						
202	" 26	eP	5 17 57.2						Ditto.
		F	5 25 —						
203	" 26	eP	9 39 00.9				455		E. sea far off the Cape of Sioya, Fukushima prefecture.
		L	9 40 02.2						
		ME	9 40 27.6	2.1		+24			
		MN	9 40 31.8	2.0	±14				
		F	9 46 —						

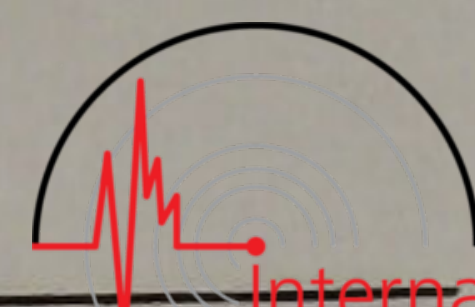
No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	AZ		
			h	m	s	s	μ	μ	μ	km.	
204	Aug. 29	eP	14	35	37.1					586	Ditto.
		eS	14	36	14.0						
		L	14	36	56.7						
		ME	14	37	44.7	2.7		-11			
		MN	14	37	18.9	2.7	±14				
		F	14	48	—						
205	" 29	eP	16	43	43.8					1330	S sea far off the Cape of Erimo, Hokkaido.
		eS	16	44	29.7						
		L	16	45	17.0						
		ME	16	45	51.7	2.5		-11			
		MN	16	45	58.8	3.2	±14				
		F	16	56	—						
206	" 29	e	17	04	27.6						E sea off the Cape of Erimo.
		F	17	11	—						
207	" 30	eP	2	45	06.2						NE sea off Tyosi.
		F	2	51	—						
208	" 31	eP	22	16	03.6					271	Near the Lake of Usikunuma. in the course of the River Tone.
		L	22	16	40.1						
		F	22	23	—						
209	Sept. 5	eP	1	09	54.4					188	Along the coast of Kumano- nada.
		L	1	10	19.6						
		F	1	15	—						
210	" 5	iP	9	33	46.8					321	Near the mouth of the River. Naka, Fukushima prefecture.
		P	9	33	55.1						
		S	9	34	06.2						
		L	9	34	30.0						
		ME	9	34	52.2	2.2		-71			
		MN	9	34	54.0	1.2	-126				
		Mz	9	34	34.0	1.3			+45		
		C	9	36	15.1						
F	9	46	—								

No.	Date	Phase	Time Civil M. T. of 135°E	Period s	Amplitude			△ Epicentre- Distance	Remarks
					AN μ	AE μ	AZ μ		
211	Sept. 5	eP	23 07 57.2					Kasima-nada.	
		F	23 11 —						
212	" 6	eP	7 39 59.8				272	Near the Mt. Tanzawa western part of Kanagawa prefecture.	
		S	7 40 23.7						
		L	7 40 36.5						
		ME	7 40 49.4	1.8		±35			
		MN	7 40 57.0	0.7	±42				
		F	7 41 49.6						
213	" 7	eP	19 34 04.6				249	Lower course of the River Kinu.	
		P̄	19 34 07.8						
		S	19 34 23.3						
		L	19 34 38.1						
		ME	19 34 46.9	1.5		-39			
		MN	19 34 54.1	2.5	-43				
		Mz	19 35 00.5	1.0		±16			
214	" 13	iP	0 30 02.4				244	S. sea far off the cape of Omaezaki, Siduoka prefecture.	
		S	0 30 35.2						
		ME	0 30 38.4	4.0		-71			
		Mz	0 30 41.5	2.3		±39			
		MN	0 30 46.4	2.9	-72				
		F	0 31 06.9						
215	" 13	eP	13 56 42.1				306	Middle course of the River Tone.	
		S	13 57 05.1						
		L	13 57 23.3						
		ME	13 57 34.0	1.5		±12			
		MN	13 57 41.5	2.0	+14				
		F	14 03 —						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
216	Sept. 17	eP	0 50 25.1						Far S. off the Cape of Erimo.
		P'	0 58 —						
217	" 17	e	22 34 21.5						Perhaps a local shock.
		F	22 36 31.9						
218	" 18	eP	0 11 36.3					1464	W. sea off Yakusima, Kagosima prefecture.
		S	0 12 53.7						
		L	0 13 30.1						
		F	0 21 —						
219	" 18	eP	7 22 32.2				173	A shock produced by the move- ment of Tanzawa Brock.	
		L	7 22 55.5						
		F	7 27 —						
220	" 18	eP	18 20 32.7				261	Lower course of the River Kinu.	
		L	18 21 07.8						
		F	18 26 —						
221	" 23	P̄	11 49 17.4				100	Upper course of the River Masuda, Hida province.	
		L	11 49 30.8						
		MN	11 49 31.2	—	±10				
		F	11 52 —						
222	" 23	e	12 53 16.1					Near the city of Wakayama.	
		F	12 55 —						
223	" 23	e	23 01 47.4					A faint record.	
		F	23 12 —						
224	" 24	P̄	21 27 02.4				39	Felt slightly at Nagoya epicen- tre in the lower course of the River Kiso.	
		L	21 27 07.7						
		ME	21 27 07.8	—	—19				
		MN	21 27 08.2	—	+29				
		F	21 28 22.6						

No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
225	Oct. 8	eP	21	27	41.0					1030	Far E. off Tyosi.
		S	21	29	32.0						
		L	—	—	—						
		F	21	47	—						
226	" 11	iP	10	14	07.2					350	Kasima-nada.
		\bar{P}	10	14	14.8						
		S	10	14	33.3						
		L	10	14	54.3						
		ME	10	15	08.6	2.3		+118			
		MN	10	15	09.7	2.7	+243				
		F	10	16	04.5						
227	" 12	iP	2	32	43.0					1456	E. off the Cape of Erimo, Hokkaido.
		S (?)	2	33	29.5						
		L	2	34	35.5						
		ME	2	34	38.4	2.7		+59			
		MN	2	35	02.8	2.2	+42				
		F	2	36	31.8						
228	" 12	eP	2	59	27.5					444	Lower course of the River Tone.
		S	2	59	59.0						
		L	3	00	27.3						
		MN	3	00	31.0	1.2	-13				
		F	3	03	35.5						
229	" 16	eP	15	07	43.8					243	
		S	15	08	16.5						
		ME	15	08	20.9	3.1		-36			
		MN	15	08	19.8	2.5	+14				
		F	15	13	29.0						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
230	Oct. 17	eP	4 57 33.7					168	In the Kitan strait.
		L	4 57 56.3						
		F	5 02 —						
231	" 18	e	21 47 37.1					Amakusa-nada.	
		F	21 54 —						
232	" 25	eP	1 09 51.1				6705	A distant earthquake probably in the W. sea of Sanfransisco.	
		S	1 18 04.6						
		F	2 20 —						
233	" 25	eP	4 06 44.4				447	SE. off Katuura, Awa province.	
		L	4 07 44.6						
		ME	4 10 42.6	8.5		±47			
		F	4 29 —						
234	" 25	e	23 29 36.6					A local shock.	
		F	23 31 —						
235	" 26	eP	6 38 00.7				1328	Far E. off Bonin Islands.	
		L	6 39 33.8						
		MN	6 39 54.7	2.7		±7			
		ME	6 40 07.3	3.0		±11			
		F	6 47 —						
236	" 27	eP	10 54 30.6				289	Lower course of the River Sinano.	
		P	10 54 35.6						
		L	10 55 09.3						
		ME	10 55 40.0	2.0		-24			
		MN	10 55 42.1	1.9		+29			
		F	11 02 —						
237	" 29	iP	0 24 08.4					L phase not distinct. SE off Katuura, Awa province.	
		F	0 42 —						



No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
238	Nov. 5	e	15 40 49.8	3.3				379	Neighbouring Isigaki-jima Islands.
		S	15 41 40.9						
		ME	15 41 45.6						
		F	15 50 —						
239	" 6	eP	15 35 34.5				392	Kasima-nada.	
		L	15 36 27.3						
		F	15 44 —						
240	" 7	eP	7 38 43.5	0.8	-85		266	Lower course of the River Kinn, Totiki prefecture.	
		L	7 39 19.3						
		MN	7 39 35.9						
		F	7 45 —						
241	" 11	iP	4 48 55.2	3.8			183	Upper course of the River Tenryu, Sinano province.	
		L	4 49 19.9						
		ME	4 49 22.1						
		F	4 56 —						
242	" 11	eP	11 48 09.4				208		
		L	11 48 37.4						
		F	11 51 —						
243	" 14	eP	9 18 58.2				5368	A distant earthquake epicentre probably in North America.	
		L	9 30 49.0						
		F	9 50 —						
244	" 14	eP	14 03 20.0	8.7			5475	Ditto.	
		L	14 15 27.1						
		ME	14 15 45.1						
		F	14 43 —						
245	" 17	eP	6 16 16.6					A distant earthquake epicentre probably in South Ocean.	
		F	6 45 —						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	AZ		
			h m s	s	μ	μ	μ	km.	
246	Nov. 18	e	13 49 08.4						
		F	13 51 —						
247	" 22	eP	21 56 33.7						A distant earthquake.
		F	22 06 —						
248	Dec. 2	iP	15 55 41.5					178	Middle course of the River-Arita, Kii province.
		P	15 55 43.5						
		S	15 55 56.4						
		L	15 56 05.5						
		MN	15 56 06.8	1.9	+200				
		ME	15 56 49.3	2.7		-54			
		F	15 57 57.1						
249	" 4	e	12 35 07.9					After shock of the Kitatango earthquake.	
		F	12 36 —						
250	" 4	e	12 55 04.4				641	Off Tijiwa Bay, Nagasaki prefecture.	
		L	12 56 30.8						
		ME	12 57 00.5	2.1		-12			
		MN	12 57 08.3	2.7	+13				
251	" 4	e	13 01 52.6				610	E off the Cape of Sioya, Fuku-sima prefecture.	
		F	13 04 51.3						
252	" 4	e	21 20 19.3				610	Off Tijiwa Bay.	
		L	21 21 41.5						
		F	21 29 —						
253	" 7	eP	7 52 05.0					Off Katuura, Kadusa province.	
		F	8 01 —						



No.	Date	Phase	Time Civil M. T. of 135°E			Period	Amplitude			△ Epicentre- Distance	Remarks
							AN	AE	Az		
			h	m	s	s	μ	μ	μ	km.	
254	Dec. 7	eP	18	34	25.6					314	On the coast of Kasima-nada.
		S	18	34	43.6						
		L	18	35	05.9						
		ME	18	35	20.7	2.9		-24			
		MN	18	35	34.0	2.8	±28				
		F	18	44	—						
255	" 10	P	11	45	21.8					341	Middle course of the River. Sinano.
		L	11	46	07.8						
		ME	11	46	12.1	2.4		+80			
		MN	11	46	10.2	2.3	-75				
		F	11	50	—						
256	" 11	eP	4	50	42.7						Off the cape of Enimo, Hokkaido
		F	4	59	—						
257	" 18	e	2	36	14.4						Lower course of the River Kiso Gifu prefecture
		F	2	37	—						
258	" 19	e	4	51	24.9					488	SSE. sea off Vladivostock.
		L	4	52	30.7						
		MN	4	52	49.7	3.6	±11				
		ME	4	52	52.5	3.7		-12			
		F	4	59	—						
259	" 21	P	2	54	26.6					46	Felt slightly. Lower course of the River Ibi Gifu prefecture.
		L	2	54	32.8						
		F	2	55	—						
260	" 28	eP	23	34	32.6					451	Kasima-nada.
		L	23	35	33.4						
		ME	23	36	09.1	1.9		±24			
		MN	23	36	09.0	1.9	+42				
		F	23	42	—						

No.	Date	Phase	Time Civil M. T. of 135°E	Period	Amplitude			△ Epicentre- Distance	Remarks
					AN	AE	Az		
			h m s	s	μ	μ	μ	km.	
261	Dec. 29	eP	3 26 10.7					2522	Epicentre near Tisima. Islands.
		L	3 30 46.2						
		ME	3 33 33.7	38.8		+47			
		MN	3 34 04.7	36.5	+43				
		F	4 33 —						
262	" 31	e	7 27 59.7						SSE. off the Cape of Siriya, Mutu province.
		F	7 31 —						
263	" 31	e	8 27 50.3						N. part of Nemuro straits,
		F	8 35 —						
264	" 31	P	14 51 21.7					163	Upper course of the River Ara- kawa, Saitama prefecture.
		L	14 51 43.6						
		MN	14 52 17.4	2.3	±61				
		C	14 53 04.9						
		F	15 01 —						