

SEISMIC BULLETIN

FOR 1933

OF THE METEOROLOGICAL STATION OF SIKKA,
KARAFUTO, JAPAN.

$\phi = 49^{\circ}14'N$

$h = 2.37 m$

$\lambda = 143^{\circ}7'E$

Underground: tertiary

Instrument: Omori's Seismometer, Pendulum

	T°	$\frac{1}{T^{\circ}}$	V
AN	6	0.02	40
AE	7	0.03	40

No.	Date	Phase	Time Greenwich			Period	Amplitude			Δ Km	Remarks
			h	m	s		AE μ	AN μ	Az μ		
1	Feb. 14	ep	0	12	49.0	6.0		± 225		Near sikka.	
		eL	0	15	08.0						
		M	0	19	31.0						
		F	0	28	51.0						
2	Mar. 2	P	17	33	12.0	6.0	- 300	± 844	1110	After shock of Sanriku. Ditto.	
		L	9	38	15.0						
		M	9	40	23.0						
		F	10	00	37.0						
3	Mar. 3	P	9	35	45.0	4.3	± 50	± 88	1066	Ditto.	
		L	9	38	15.0						
		M	9	40	23.0						
		F	10	00	37.0						
4	Mar. 3	P	10	01	33.0	4.3	± 50	± 88	1066	Ditto.	
		L	10	03	57.0						
		M	10	07	42.0						
		F	10	12	00.0						
5	Mar. 3	P	16	35	23.0	10.5	± 150	± 138	932	Ditto.	
		F	16	45	26.0						
6	Mar. 11	P	14	23	39.0	10.5	± 150	± 138	932	Ditto.	
		L	14	25	45.0						
		M	14	28	32.0						
		F	14	41	52.0						

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No.	Date	Phase	Time Greenwich			Period	Amplitude			Δ Km	Remarks
			<i>h</i>	<i>m</i>	<i>s</i>		AE μ	AN μ	AZ μ		
7	Mar. 11	P	19	37	00.0	7.0				1051	Nwrn of chichijima island.
		L	19	39	22.0						
		M	19	42	12.0						
		F	19	59	51.0						
8	Mar. 17	ip	15	59	45.0	7.6	± 313	± 788		1569	A distant earthquake.
		L	16	03	17.9						
		M	16	04	44.0						
		F	16	22	08.0						
9	Mar. 23	ep	17	51	42.0	7.5	± 169	± 269		1051	After shock of Sanriku.
		eL	17	54	04.0						
		M	17	56	45.0						
		F	18	08	07.0						
10	April. 3	$\bar{i}p$	10	32	17.0	6.0	-1275			140	Near sikka.
		\bar{S}	10	32	31.0						
		M	10	32	47.0						
		F	10	45	27.0						
11	April. 9	P	4	31	23.0	7.0	± 2310			1391	After shock of Sanriku.
		S	4	33	05.0						
		L	4	34	30.5						
		ME	4	35	35.0						
		MN	4	37	30.0						
		F	4	50	13.0						
12	April. 20	ep	2	56	52.0	5.0	± 375			1129	
		S	2	53	22.0						
		L	2	59	37.0						
		MN	2	59	14.0						
		ME	3	10	14.0						
		F	3	11	32.0						
13	April. 20	ep	6	50	46.0	5.0	± 375	± 400		6297	Near karenko for mosa. (Formosa)
		S	6	51	49.0						
		L	7	04	57.0						
		M	7	05	07.0						
		F	7	25	49.0						
14	April. 23	P	7	17	02.0	6.0	± 750	± 750		762	Near Wakayama.
		S	7	18	47.0						
		M	7	22	18.0						
		F	7	38	44.0						

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			h	m	s		AE μ	AN μ	Az μ		
15	April. 27	P	2	44	29.0				851	A distant earthquake.	
		S	2	45	38.0						
		L	2	46	24.0						
		M1	2	47	19.0	5.0	938	938			
		M2	2	54	36.0	5.0	875	750			
		M3	2	55	46.0	6.5	875	938			
		M4	2	56	44.0	13.0		1000			
		M5	3	05	24.0	5	1188	563			
		F	3	25	13.0						
16	May. 24	P	4	40	21.0				—	Nrn of cape shiretoko.	
		M	4	40	28.0	4.5	- 100	\pm 94			
		F	4	46	21.0						
17	June. 13	P	20	38	06.0				969	Ern of River Maluchi.	
		S	20	39	30.0						
		L	20	40	17.0						
		M	20	41	50.0	5.3	- 938	+1250			
		F	20	51	14.0						
18	June. 18	P	13	18	41.0					Nrn of chichijima island.?	
		F	13	25	48.0						
19	June. 18	ip	21	42	43.0				625	Ern off Kinkasan.	
		L	21	44	08.0						
		M	21	46	28.0	5.0		+1350			
		F	22	15	30.0						
20	July. 9	P	1	34	45.0				133	SErn off Etofu island.?	
		S	1	35	04.0						
		M1	1	36	08.0	5.0	\pm 125	\pm 281			
		M2	1	37	25.1	5.0	\pm 325	\pm 463			
		M3	1	39	03.2	5.0	\pm 225	\pm 388			
		M4	1	40	45.3	5.0	\pm 181	\pm 463			
		F	1	55	55.5						
21	July. 9	P	9	32	37.4				770	Ditto.	
		S	9	34	21.4						
		M	9	35	20.5	5.0	\pm 428	\pm 428			
		F	9	50	35.1						
22	July. 9	P	9	51	04.0				1258	Ditto.	
		S	9	54	03.0						
		M	9	56	15.1	5.0	\pm 375	\pm 875			
		F	10	14	03.6						

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			h	m	s		AE μ	AN μ	AZ μ		
23	July. 9	P	12	35	05.8				176	Ditto.	
		S	12	36	21.8						
		M1	12	38	22.9	5.0	± 188	± 338			
		M2	12	39	20.9	5.6	± 338	± 394			
		M3	12	41	37.9	5.6	± 163	± 519			
		M4	12	43	28.0	5.0	± 200	± 181			
		F	13	12	04.2						
24	July. 9	P	16	11	15.4				984	Ditto.	
		S	16	13	28.4						
		M	16	15	38.4	5.0	± 44	± 81			
		F	16	28	44.2						
25	July. 10	P	0	25	52.2				1073	Ern off Kamaishi.	
		S	0	28	17.2						
		M	0	28	57.4	5.6	± 69	± 94			
		F	0	33	25.4						
26	Aug. 25	P	7	59	04.0				3589	A distant earthquake.	
		S	8	04	13.0						
		L	8	06	59.0						
		M	8	12	18.0	6.0	- 173	- 126			
		F	9	04	13.0						
27	Aug. 29	P	0	41	28.0				2065		
		S	0	44	02.0						
		L	0	46	07.0						
		M	0	55	01.0	6.0	± 438				
		F	1	02	05.0						
28	Nov. 20	ep	23	34	12.0					A distant earthquake.	
		M	23	44	44.0	5.0		± 413			
		F	0	23	01.0						
29	Dec. 4	P	19	35	15.0				326	Ern off Soya strait.	
		S	19	35	59.0						
		M	19	36	19.0	6.0	± 150	± 184			
		F	19	55	49.0						