



July 1927

NAGOYA JAPAN

SEISMOLOGICAL BULLETIN



No.	Date.	Phase.	Time.	Period	Amplitude			Δ	Remarks
					AE	AN	Az		
158	July 20	P	12 48 10.9		"	"	"	79	
		L	12 48 21						
		ME	12 48 26.4	0.5	-35				
		MN	12 48 22.7	1.3		+57			
		F	12 54 46						
159	22	ep	13 42 300						A local shock?
		F	13 45 120						
160	24	ep	2 22 065					53	
		L	2 23 15						
		ME	2 24 49.1	3.4	+17				
		MN	2 24 25.7	2.2		+18			
		F	2 37 -						
161	24	P	5 28 33.9					192	
		L	5 28 29.7						
		ME	5 28 48.6	1.3	+21				
		MN	5 28 44.8	N		+25			
		F	5 34 32.9						
162	27	iP	23 12 37.4					418	
		P	23 13 08.1						
		L	23 13 33.6						
		MN	23 13 52	2.5		+67			
		ME	23 14 15.8	2.3	-65				
		ME	23 14 15.4	2.0			-28		
		C	23 15 47.4						
		F	24 05 48.0						
163	30	ep	23 19 23.3						
		F	23 19 32.6						
		P	23 20 01.6						
		L	23 20 20.0						
		ME	23 20 26.0	2.6	-306				
		MN	23 20 28.0	2.7		+471			
		ME	23 20 36.3	1.7			-141		
		F	23 33 -						

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NAGOYA JAPAN

SEISMOLOGICAL BULLETIN

of the Aitiken Meteorological Observatory of Japan.

$\phi = 35^{\circ}10'$        $\lambda = 136^{\circ}58'$        $h = 51.7$

Wiechert Seismograph.

Omori's Seismograph.

(Horizontal and Vertical)

(Horizontal Pendulum)

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	6	0.45	-	55
AE:	6	0.55	-	70
Az:	4	0.03	-	64

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	4	0.06	-	40
AE:	4	0.05	-	40



No.	Date.	Phase.	Time.			Period	Amplitude			$\Delta$	Remarks
							AE	AN	Az		
							$\mu$	$\mu$	$\mu$		
164	August 4	eP F	0 54 14.7 1 07 -							A distant earth-quake	
165	5	eP F	1 16 48.5 1 12 -							Faint record	
166	5	eP F	3 13 01.5 3 15 22.7							Faint record	
167	5	iP L MN ME F	21 41 12.0 21 41 33.9 21 41 44.3 21 41 41.4 21 45 41.5	1.0 0.9		-5.5 +7.1			163		
168	6	eP L ME MN M2 F	6 14 19.2 6 15 26.1 scale out 6 15 58.5 7 12 -			1200 +3000			497	Scale out By Omori's Seismo Meter +150	
169	7	eP L ME MN F	10 40 14.4 10 41 33.3 10 41 27.9 10 41 59.1 10 47 17.1	1.0 1.7		-30 +2.9			289		
170	7	e F	12 57 34.4 13 02 -							Faint record	
171	7	e F	0 16 44.4 1 01 -								

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International  
Seismological  
Centre

No.	Date.	Phase.	Time.	Period	Amplitude			△ km.	Remarks
					AE μ	AN μ	Az μ		
			h m s	s					
172	August 8	e F	3 43 22.3 3 50 -						
173	8	eP L F	10 02 24.5 10 06 09.8 10 14 -				2193	Faint record	
174	8	eP e	10 15 42.1 10 18 00.2						
175	8	e F	10 18 00.2 10 23 -						
176	9	eP F	3 51 01.5 3 57 37.2					Faint record	
177	10	eP S L ME MN F	20 43 10.9 20 48 47.5 20 52 27.9 20 53 27.0 20 56 44.2 21 27 -	14.5 15.4	±1.8	±2.2	4369		
178	12	eP L ME MN C F	9 35 44.3 9 37 16.9 9 37 22.5 9 37 25.0 9 39 47.5 -	3.8 2.9	-7.1	-5.7	1326	F phase is unknown because the breaking out of No. 179	
179	12	e F	9 47 45.4 9 57 -						
181	12	eP L F	10 25 21.3 10 25 49.5 10 28 39.0				150		
181	13	eP L ME MN F	2 32 16.0 2 32 58.4 2 32 58.5 - 2 37 36.-	3.1	7.2		300		

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**SEISMOLOGICAL BULLETIN**



No.	Date.	Phase.	Time.			Period	Amplitude			$\Delta$ km.	Remarks
							$A_E$	$A_N$	$A_Z$		
			h	m	s		$\mu$	$\mu$	$\mu$		
182	August 14	eP	10	42	107				277		
		L	10	42	51.0						
		MN	10	42	156	2.3		$\pm 10$			
		F	10	47	270						
183	16	eP	20	23	382				184		
		L	20	24	03.0						
		F	20	28	-						
184	19	iP	4	29	500				1662	F phase is unknown because the breaking out of No. 185	
		S	4	31	122						
		L	4	32	141						
		MN	4	32	430	1.02		-471			
		ME	4	33	482	1.5	$\pm 205$				
		MZ	4	33	575	9.2		-125			
		C	4	34	525						
F	-	-	-								
185	19	e	5	08	167				1683		
		S	5	09	291						
		L	5	10	440						
		F	5	41	-						
186	19	eP	21	44	160				324		
		S	21	44	372						
		L	21	44	597						
		ME	21	45	239	2.7	$\pm 25$				
		MN	21	45	312	3.0		+30			
		F	21	53	-						
187	20	eP	8	17	527				1388		
		S	8	18	497						
		L	8	19	348						
		MN	8	19	442	3.1		+29			
		F	8	27	160						
188	21	eP	6	38	219				1463		
		S	6	39	392						
		L	6	40	309						
		F	7	08	-						

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No.	Date.	Phase.	Time.			Period	Amplitude			Δ km.	Remarks
							AE	AN	Az		
			h	m	s	s	"	"	"		
189	August 21	eP	7	13	37.0					307	
		S	7	14	252						
		ME	7	14	315	3.9	+35				
		MN	7	14	342	2.5		±15			
		F	7	20	37-						
190	21	eP	11	27	07.3						
		F	11	35	-						
191	21	L									
191	21	eP	17	06	35					176	
		S	17	07	385						
		L	17	08	148						
		F	17	14	-						
192	23	iP	15	30	123					1624	By Omori's Seismo- meter
		S	15	31	219						
		L	15	32	290						
		ME	15	33	432	8.6	-164				
		MN	15	33	434	8.6		-196			
		F	16	07	28-						
193	24	iP	14	30	492					372	
		S	14	31	407						
		ME	14	31	432	3.2	+19				
		MN	14	31	428	2.6		+7			
		F	14	39	433						
194	24	eP	16	49	278						Faint record
		F	16	58	200						
195	24	eP	17	47	090					112	
		L	17	48	315						
		ME	17	54	568	3.3	±24				
		MN	17	54	560	2.6		-37			
		F	18	22	-						
196	25	iP	0	19	446					599	
		S	0	20	347						
		L	0	21	062						
		ME	0	21	339	2.3	-12				
		MN	0	21	334	2.2		±12			
		F	0	34	-						

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No.	Date.	Phase.	Time.			Period	Amplitude			△ km.	Remarks
							AE	AN	Az		
			h	m	s	s	μ	μ	μ		
197	August 25	iP F	3	06	20.8						Faint record.
198	25	eP eS L F	3	13	20.3					3827	A distant earth-quake
			3	16	16.9						
			3	21	15.4						
			3	33	-						
199	25	eP F	8	56	27.4						
			9	08	-						
200	26	eP F	1	07	09.1						
			1	17	-						
201	26	eP F	1	59	30.4						
			2	12	-						
202	26	eP F	5	17	47.2					<del>455</del>	
			5	25	-						
203	26	eP L ME MN F	9	39	00.9					455	
			9	40	02.2						
			9	40	27.6	2.1	+24				
			9	40	31.8	2.0		±14			
			9	46	-						
204	29	eP eS L ME MN F	14	30	37.1					586	
			14	36	14.0						
			14	36	56.7						
			14	37	44.7	2.7	-11				
			14	37	18.9	2.7		±14			
			14	48	-						
205	29	eP eS L ME MN F	16	43	43.8					1330	
			16	44	29.7						
			16	45	17.0						
			16	45	51.7	2.5	-11				
			16	45	58.8	3.2		±14			
			16	56	-						
206	29	e F	17	04	27.6						Faint record
			17	11	-						
207	30	eP F	2	45	06.2						
			2	51	-						
208	31	eP L F	22	16	03.6					271	
			22	16	40.1						
			22	23	-						

September 1927



# NAGOYA JAPAN

## SEISMOLOGICAL BULLETIN

of the Aitiken Meteorological Observatory of Japan.

$\phi = 35^{\circ}10'$        $\lambda = 136^{\circ}58'$        $h = 51.7$

Wiechert Seismograph.  
(Horizontal and Vertical)

Omori's Seismograph.  
(Horizontal Pendulum)

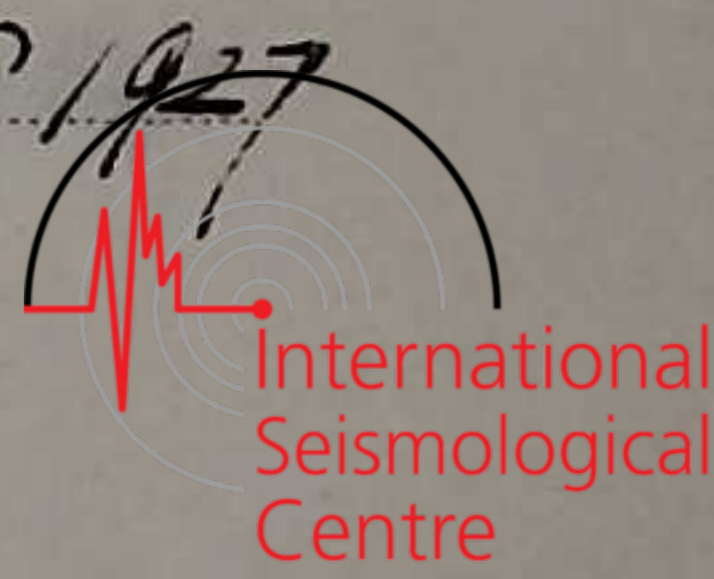
	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	6	0.48	-	85
AE:	6	0.55	-	70
Az:	4	0.03	-	64

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	4	0.06	-	40
AE:	4	0.05	-	40

No.	Date.	Phase.	Time.			Period	Amplitude			$\Delta$ km.	Remarks
							AE	AN	Az		
							$\mu$	$\mu$	$\mu$		
209	September 5	eP L F	1 09 1 10 1 15	546 196 -					188		
210	5	iP P S L ME MN MZ C F	9 33 9 33 9 34 9 34 9 34 9 34 9 34 9 36 9 46	468 541 042 340 522 540 340 107 -	22 12 13	-71 -126			221		
211	5	eP F	23 07 23 11	572 -							
212	6	eP S L ME MN C F	7 39 7 40 7 40 7 40 7 40 7 41 7 48	548 237 400 494 570 496 -	18 07	±35 ±42			340		
213	7	eP P S L ME MN MZ F	19 34 19 34 19 34 19 34 19 34 19 34 19 35 19 44	046 078 233 381 469 541 001 -	15 25 10	-39 -43			249		
214		iP S ME MZ MN C F	0 30 0 30 0 30 0 30 0 30 0 31 0 41	024 362 384 415 464 069 -	40 23 29	-71 -72			244		



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**SEISMOLOGICAL BULLETIN**

No.	Date.	Phase.	Time.			Period	Amplitude			Δ km.	Remarks
							ΔE	AN	Az		
			h	m	s	s	"	"	"		
21	September 13	eP	13	56	4.1					306	
		S	13	57	05.1						
		L	13	57	23.3						
		ME	13	57	39.0	1.5	± 12				
		MN	13	57	44.5	2.0		+14			
		F	14	03	-						
26	17	eP	0	50	25.1						Faint record
		F	0	58	-						
27	17	e	22	34	2.5						local shock
		F	22	36	31.9						
218	18	eP	0	11	36.3					1464	
		S	0	12	53.7						
		L	0	13	30.1						
		F	0	24	-						
219	18	eP	7	22	32.2					173	
		L	7	22	54.4						
		F	7	27	-						
220	18	eP	18	20	32.7					261	
		L	18	21	07.8						
		F	18	26	-						
221	23	P	11	49	17.4					100	
		L	11	49	30.8						
		MN	11	49	31.2	-		± 10			
		F	11	52	-						
222	23	e	12	53	16.1						local shock
		F	12	54	-						
223	23	e	23	01	47.4						Faint record
		F	23	12	-						
224	24	P	21	27	22.4					39	Felt slightly
		L	21	27	07.7						
		ME	21	27	07.8	-	-19				
		MN	21	27	18.2			+29			
		F	21	28	22.6						

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of the Aitiken Meteorological Observatory of Japan.

$\psi = 35^{\circ}10'$        $\lambda = 136^{\circ}58'$        $h = 51.7$

Wiechert Seismograph.  
(Horizontal and Vertical)

Omori's Seismograph.  
(Horizontal Pendulum)

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V		$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	6	0.45		85	AN:	4	0.06		40
AE:	6	0.55		70	AE:	4	0.05		40
Az:	4	0.03		64					


No.	Date.	Phase.	Time.			Period	Amplitude			$\Delta$ km.	Remarks
							AE	AN	Az		
							$\mu$	$\mu$	$\mu$		
225	October 8	eP	21	27	41.0				1030		
		S	21	29	32.0						
		L	-	-	-						
		F	21	47	-						
226	11	iP	10	14	07.2				350		
		P	10	14	14.8						
		S	10	14	33.3						
		L	10	14	44.3						
		ME	10	15	08.6	2.3	+1.8				
		MN	10	15	09.7	2.7		+2+3			
		C	10	16	08.4						
		F	10	27	-						
227	12	iP	2	32	43.0				1450		
		S(?)	2	33	29.5						
		L	2	34	35.5						
		ME	2	34	38.4	2.7	+5.9				
		MN	2	35	02.8	2.2		+4.2			
		C	2	36	31.8						
		F	2	44	-						
228	12	eP	2	59	27.5				444		
		S	2	59	19.0						
		L	3	00	27.8						
		MN	3	00	31.0	1.2		-1.3			
		F	3	03	35.4						
229	16	eP	15	07	43.8				253		
		S	15	08	16.5						
		ME	15	08	20.9	3.1	-3.6				
		MN	15	08	19.8	2.5		+1.4			
		F	15	13	29.0						
230	17	eP	4	57	33.7				168		
		L	4	57	56.3						
		F	5	02	-						
231	18	e	21	47	37.1					Trace only	
		F	21	54	-						

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No.	Date.	Phase.	Time.			Period	Amplitude			△ km.	Remarks
							AE	AN	Az		
			h	m	s	s	μ	μ	μ		
232	October 25	ep	1	09	51.1					6700	
		S	1	18	04.6						
		F	2	20	-						
233	25	ep	4	06	44.4					1490	
		L	4	08	57.5						
		ME	4	10	42.6	2.5	±47				
		F	4	29	-						
234	25	L	23	29	36.6					4 local shock	
		F	23	31	-						
235	26	ep	6	38	00.7					1320	
		L	6	39	33.8						
		MN	6	39	44.7	2.7		±7			
		ME	6	40	07.3	3.0	±11				
		F	6	47	-						
236	27	ep	10	54	30.6					2140	
		P	10	54	35.6						
		L	10	54	09.3						
		ME	10	54	40.3	2.0	-2.4				
		MN	10	54	42.1	1.9		+2.9			
		F	11	02	-						
237	29	ep	0	24	08.4						
		F	0	42	-						

November 1927  


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of the Aitiken Meteorological Observatory of Japan.

$\phi = 35^{\circ}10'$      $\lambda = 136^{\circ}58'$      $h = 51,^m7$

Wiechert Seismograph.  
 (Horizontal and Vertical)

Omori's Seismograph.  
 (Horizontal Pendulum)

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V		$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	V
AN:	b	0.45	-	70	AN:	K	0.06	-	40
AE:	b	0.55	-	85	AE:	K	0.05	-	40
Az:	K	0.00	-	64					

No.	Date.	Phase.	Time.			Period	Amplitude			$\Delta$ km.	Remarks
							AE	AN	Az		
							$\mu$	$\mu$	$\mu$		
238	November 5	L	15	40	49.5				379		
		S	15	41	40.9						
		ME	15	44	46.6	3.3	± 11				
		F	15	50	-						
239	6	ep	15	35	36.5				392		
		L	15	36	27.3						
		F	15	44	-						
240	7	ep	6	38	43.5				266		
		L	6	39	19.3						
		MN	6	39	35.9	0.8	- 8.5				
		F	6	45	-						
241	11	ip	4	48	51.2				183		
		L	4	49	19.9						
		ME	4	49	22.1	3.8	+ 3.5				
		F	4	56	-						
242	11	ep	11	48	09.4				205		
		L	11	48	37.4						
		F	11	51	-						
243	14	ep	9	18	18.2				5068		
		L	9	20	49.0						
		F	9	50	-						
244	14	ep	14	03	20.0				4675		
		L	14	15	27.1						
		ME	14	15	45.5	8.7	± 18				
		F	14	43	-						
245	17	ep	6	16	16.6						
		F	6	45	-						
246	18	e	13	49	05.4				104		
		L	13	49	22.4						
		F	13	51	-						
247	22	ep	22	14	20.7						
		F	22	06	-						

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$\phi = 35^{\circ}10'$        $\lambda = 136^{\circ}58'$        $h = 51.7$

Wiechert Seismograph.

Omori's Seismograph.

(Horizontal and Vertical),

(Horizontal Pendulum)

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	$V$
	5	0.45		54
AN:	6	0.55	-	70
AE:	4	0.03	-	64
Az:				

	$T_0$	$\epsilon$	$\frac{r}{T_0^2}$	$V$
	4	0.06		40
AN:	4	0.05	-	40
AE:				
Az:				

No.	Date	Phase	Time	Period	Amplitude			$\Delta$	Remarks
					AE	AN	Az		
			h m s	s	$\mu$	$\mu$	$\mu$	km.	
248	2	iP	15 55 41.5					178	
		P	15 55 43.5						
		S	15 55 56.4						
		L	15 56 01.5						
		MN	15 56 06.8	1.9		+200			
		ME	15 56 49.3	2.7	-54				
		C	15 57 47.1						
		F	16 01 -						
249	4	e	12 35 07.9						
		F	12 36 -						
250	4	e	12 55 04.4					641	F phase is unknown, because the breaking out of No 251
		L	12 56 30.5						
		ME	12 57 00.5	2.1	-12				
		MN	12 57 07.3	2.7		+13			
		F	13 01 -						
251	4	e	13 01 52.6						
		F	13 04 51.3						
252	4	e	21 20 19.3					610	
		L	21 21 41.5						
		F	21 29 -						
253	7	eP	7 52 05.0						
		F	8 01 -						
254	7	eP	18 34 25.6					314	
		S	18 34 43.6						
		L	18 35 05.9						
		ME	18 35 20.7	2.9	-24				
		MN	18 35 36.0	2.8		+25			
		F	18 44 -						

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No.	Date.	Phase.	Time.			Period	Amplitude			△ km.	Remarks
							AE	AN	Az		
			h	m	s	s	"	"	"		
254	10	P	11	46	23.8					244	
		L	11	46	07.5						
		ME	11	46	12.1	24	+80				
		MN	11	46	12.2	23		-75			
		F	11	50	-						
255	11	ep	4	50	42.7						
		F	4	59	-						
257	15	e	2	36	14.4						local shock
		F	2	37	-						
258	19	e	4	51	24.9					455	
		L	4	52	30.7						
		MN	4	52	49.7	36		±11			
		ME	4	52	52.5	37	-12				
		F	4	59	-						
259	21	P	2	54	26.6					46	Felt slightly
		L	2	54	22.5						
		F	2	54	-						
260	28	ep	23	34	32.6					441	
		L	23	35	38.4						
		ME	23	36	19.1	1.9	±24				
		MN	23	36	19.0	1.9		+42			
		F	23	42	-						
261	29	ep	3	26	10.7					242	
		L	3	30	46.2						
		ME	3	33	33.7	38.8	+47				
		MN	3	34	34.7	36.5		+43			
		F	4	33	-						
262	31	e	7	27	19.7						Trace only
		F	7	31	-						
263	31	e	8	27	10.3						Trace only
		F	8	31	-						
264	31	p	14	51	21.7					163	
		L	14	51	4.30						
		MN	14	52	17.4	23		±61			
		L	14	53	34.9						
		F	14	01	-						