No. from to 19

OSAKA JAPAN.

SEISMIC BULLETIN

of the Osaka Meteorological Observatory of Japan.

$\varphi = 34°\ 39'$ N. $\lambda = 135°\ 26'$ E. Gr. h = 3.0 m Underground:

Instrument: Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
I65	Dec. 22	P	- - -					—	
		L	5 22 48						
		Me	26 44	5.0			±375		
		Mn	23 50	7.4	±425				
		Fe	52 29						
		Fn	49 59						
I66	22	P	7 6 30					95	
		L	6 43						
		Me	7 30	I.5			-I92		
		Mn	7 I2	I.0	-I67				
		F	II 9						
I67	26	P	I8 29 37					3I00	
		L	34 30						
		Me	37 3I	4.I			±38		
		Mn	40 22	4.8	-33				
		Fe	57 29						
		Fn	I9 24 I3						
I68	27	P	I0 35 6					3850	
		L	40 40						
		Me	42 22	4.8			-30		
		Mn	4I 47	4.7	-25				
		Fe	II 4 23						
		Fn	9 I6						
	I926								
I	Jan. I0	P	9 4 8					282	
		L	4 46						
		Me	6 I	I.5			-37I		
		Mn	6 3	I.2	-225				
		Ce	8 I5						
		Fe	II 26						
		Fn	II 36						
2	I0	P	9 37 4I					208	
		L	38 9						
		Me	38 4I	I.4			-94		
		Mn	38 43	I.2	-73				
		Ce	39 22						
		Cn	39 48						
		Fe	42 5I						
		Fn	4I 46						
3	I4	P	8 52 53					82	
		L	53 4						
		Me_I	53 I2	I.0			-32		
		Me_2	54 II	I.3			-36		
		Me_3	54 28	I.5			-42		
		Mn_I	53 I2	I.0	-28				
		Mn_2	53 48	I.3	+60				
		Mn_3	54 29	I.3	+4I				
		Fe	57 30						
		Fn	57 27						
4	I5	P	I4 55 27					994	
		L	57 4I						
		Me	58 I2	I.4			+75		
		Mn	58 25	I.5	+83				
		Fe	I5 I 42						
		Fn	2 I6						
5	I8	P	2I I7 25					6I80	
		S	25 I7						
		L	36 I3						

No. from to 19

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o}^2$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
	Jan. I8 I926	Cn	2I 50 30						
		Fe	22 8 46						
		Fn	4 25						
6	20	P	2I 28 I2						
		L	28 35					I7I	
		MeI	29 7	I.0		-58			
		Me_2	29 I6	I.8		+8C			
		Mn_I	30 I3	0.9	-79				
		Fe	32 36						
		Fn	33 6						
7	25	P	0 45 I2		+43	-28		5700	
		S	52 35						
		L	58 57						
		Me_I	I I 20	I2.3		-575			
		Me_2	3 48	I2.5		+623			
		Me_3	9 49	II.8		+305			
		Mn_I	0 43	22.2	+950				
		Mn_2	2 I3	28.6	+II50				
		Mn_3	3 6	I0.9	-I000				
		Mn_4	6 52	9.7	+775				
		Mn_5	II 46	9.5	+463				
		Ce	28 25						
		Cn	22 5						
		CM	30 29	I0.5	+I58				
		Fe	2 50 9						
		Fn	3 I2 2I						
8	25	P	I4 4I 3I						
		L	42 6					260	
		Mn	43 36	I.9	-26				
		Fn	48 46						
9	26	eP	7 I5 I9						
		L	37 27					—	
		Mn	4I 43	7.4	-25				
		Fn	8 5 49						
I0	Feb. 3	eP	I2 3 I						
		eL	II I2					—	
		Me	I2 42	3.3		-I5			
		Fe	22 40						
II	3	P	2I 47 4I						
		L	48 38					423	
		Me	49 35	I.C		-40			
		Mn	49 32	I.5	-50				
		Fe	52 50						
		Fn	52 44						
I2	4	P	6 46 I9						
		L	48 I7					868	
		Me	48 50	3.0		+225			
		Mn	48 34	3.0	-263				
		Fe	5 22						
		Fn	8 33						

No. from to 19 26

OSAKA JAPAN.

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
I3	Feb. 22	EP	I 2I I3					—	
		L	22 I7						
		Me	23 2&		I.5		+23		
		Mn	23 0		I.2	+42			
		Fe	25 59						
		Fn	26 20						
I4	March 4	P	9 37 I3					3250	
		S	42 I4						
		L	45 2I						
		Mn	49 I7		9.4	-3I3			
		Fe	I0 24 2I						
		Fn	26 I2						
I5	8	P	20 24 49					I500	
		L	27 42						
		Me	3I 43		4.4		-45		
		Mn	29 3I		5.I	-75			
		Ce	4I I4						
		Cn	44 II						
		Fe	2I 9 I2						
		Fn	2 I6						
I6	I4	P	—					—	
		L	8 57 0						
		Me	58 22		3.6		-50		
		Mn	57 37		3.5	+38			
		Fe	9 I0 I6						
		Fn	I2 I6						
I7	I5	P	8 0 I5					I26	
		L	0 32						
		Me	0 52		0.4		+I75		
		Mn	0 46		0.4	-I85			
		Fe	4 59						
		Fn	3 43						
I8	I7	P	4 38 I0					I900	
		L	4I 34						
		Me	45 37		3.7		+I07		
		Mn	42 7		5.4	+77			
		Cn	5I I8						
		Fe	5 3 I8						
		Fn	7 I9						
I9	I8	P	I4 I8 58					8800	
		S	28 54						
		L	49 36						
		Mn_1	50 I4		I2.9	-60			
		Mn_2	I5 2 5		9.6	±83			
		Fe	5 33						
		Fn	I9 42						
20	I9	P	I9 II II					3500	
		L	I6 25						
		Me	I9 44		3.0		+23		
		Mn	I9 9		3.3	±20			
		Fe	32 26						
		Fn	38 24						
2I	I9	P	20 34 43					876	
		L	36 4I						

from to 1926

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
March 19		Me	20 38 5	3.0		+55			
		Mn	37 30	3.4	+48				
		Fe	48 50						
		Fn	45 52						
22	24	P	II 20 I0					3920	
		L	25 5I						
		Me_I	27 36	2.8		-I3			
		Me_2	29 57	3.2		+I3			
		Mn	30 I7	3.3	-I5				
		Fe	36 58						
		Fn	44 I6						
23	25	eP	I3 22 40					—	
		L	—						
		Me	26 I2	2.9		-53			
		Mn	24 49	2.3	-60				
		Fe	34 22						
		Fn	34 7						
24	27	P	I0 57 27					5I00	
		S	II 4 20						
		L	8 I3						
		Me_I	9 27	30.0		+I55			
		Me_2	I4 55	7.3		+63			
		Mn_I	9 22	I9.5	+I73				
		Mn_2	II 29	6.0	-I78				
		Mn_3	I5 4	5.I	-200				
		Mn_4	I6 I0	3.6	-2I8				
		Fe	58 33						
		Fn	I2 7 2I						
25 April :I		P	I6 4 45					297	
		L	5 25						
		Me_I	5 35	2.5		+500			
		Me_2	7 9	I.0		-500			
		Mn_I	5 34	0.8	-525				
		Mn_2	6 40	I.0	-450				
		Ce	2I 34						
		Cn	2I I0						
		Fe	40 54						
		Fn	35 57						
26	6	P	I9 34 50					I4I0	
		L	37 37						
		Me	38 27	4.4		-98			
		Mn	38 46	4.8	+I80				
		Ce	48 2I						
		Cn	47 0						
		Fe	54 59						
		Fn	55 0						
27	6	P	23 47 II					II00	
		L	49 30						
		Me	5I I6	3.9		-55			
		Mn	50 24	5.0	+75				
		F	—						
28	6	P	23 58 2I					I300	
	7	L	0 I 0						
		Mn	I I8	I.5	-I6				
		Fn	3 40						

AN:	30		20
AE:	30		20
AZ:			

No.	Date	Phase	G.M.T. h	m	s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
29	April 7 I926	P	23	2	9					II30	
		L		4	32						
		MN		5	30	4.7	+29				
		FN		I4	6						
30	8	P	8	28	39					3720	
		L		34	9						
		ME		35	3	3.6		-25			
		MN		37	43	4.5	+2I				
		FE		55	II						
		FN		57	2I						
3I	I2	P	8	4I	37					57I0	
		S		49	4						
		L		54	47						
		ME_I		57	5	I2.2		+I425			
		ME_2		58	34	II.7		±I460			
		MN_I		56	2I	I2.6	+I593				
		MN_2	9	0	5	II.4	+I028				
		CE		25	29						
		CN		27	23						
		FE	I0	I5	I6						
		FN		I9	2						
32	I8	P	6	55	35					360	
		L		56	23						
		ME_I		57	25	I.0		-200			
		ME_2		57	4I	0.9		-I63			
		MN_I		56	36	I.0	+2I3				
		MN_2		57	I3	I.0	+308				
		CE		59	5						
		CN	7	0	I5						
		CME_I		0	2	I.4		+29			
		CME_2		I	I4	I.5		+23			
		FE		4	3						
		FN		4	I						
33	22	P	23	5I	43					846	
		L		53	37						
		MN		55	2I	4.5	-2I				
	23	FN	0	I8	7						
34	30	P	I7	37	26					294	
		L		38	5						
		MN_I		38	27	2.I	-25				
		MN_2		38	55	I.0	-I9				
		Fn		4I	I5						
35	May 7	P	6	I2	49					820	
		L		I4	48						
		ME		I6	43	5.3		+355			
		MN_I		I6	28	5.8	+350				
		MN_2		20	33	6.I	+350				
		CN		45	32						
		FE	7	44	58						
		FN		42	42						
36	I7	P	I7	45	34					I50	
		P		45	4I						
		L		45	54						
		ME		46	37	I.0		-29			
		MN		45	58	0.7	-23				
		CN		46	58						

from ---------- to ---------- 19

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r_2}{T_o}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
44	June 3	P	4 56 59					6250	
	1926	S	5 4 54						
		L	I5 45						
		ME	I7 2	6.8			+I8		
		MN	I9 2	7.3	-30				
		FE	6 7 36						
		FN	5 57 6						
45	4	P	0 I6 I6					I570	
		L	I9 I5						
		ME	I9 58	4.8			+25		
		MN	20 25	2.9	-23				
		FE	43 34						
		FN	4I II						
46	4	P	6 57 I9					4900	
		S	7 4 0						
		L	I3 54						
		ME	I6 26	4.6			-25		
		MN	I4 5I	5.0	+25				
		FE	43 I7						
		FN	3I 32						
47	4	P	I5 I0 4					I000	
		L	I2 I9						
		ME	I4 2	I.8			+23		
		MN	I3 I9	4.6	+25				
		FE	23 55						
		FN	28 29						
48	5	P	9 II 4					475	
		L	I2 I2						
		ME_1	I3 2	I.5			+200		
		ME_2	I4 29	2.4			+2I5		
		ME_3	I5 32	2.4			-I98		
		ME_4	I7 33	4.8			-I78		
		MN_1	I3 0	I.9	-250				
		MN_2	I3 30	I.7	-250				
		MN_3	I4 52	2.4	-280				
		MN_4	I5 34	2.9	-298				
		CE	23 24						
		CN	24 I5						
		FE	4I 57						
		FN	38 23						
49	6	P	I8 23 I3					868	
		L	25 I0						
		ME	26 26	2.4			+I8		
		MN	26 I9	2.5	-I5				
		FE	36 42						
		FN	34 37						
50	9	P	4 55 52					695	
		L	57 25						
		ME	57 4I	2.8			-30		
		MN	57 46	3.8	+25				
		FE	5 I5 0						
		FN	II 36						
5I	II	P	9 5I 36					2750	
		L	56 5						
		ME	58 I9	2.9			-I5		
		MN	59 2I	3.0	+I3				

No. from to 19

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	T_o	ε	$\frac{r_2}{T_o}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
	June II	FE	IO 8 3I						
	I926	FN	9 I2						
52	I4	P	23 35 9					325	
		L	35 52						
		ME	37 4	I.0		-I93			
		MN	37 4	I.0	-I67				
		C_1N	39 34						
		C_2N	4I 39						
		CE	39 I9						
		FE	42 20						
		FN	43 I3						
53	2I	P	6 50 50					655	
		L	52 I9						
		ME	54 7	5.5		-I00			
		MN	53 3	6.0	-I00				
		CE	7 II 3I						
		CN	5 25						
		FE	37 I8						
		FN	38 I5						
54	2I	P	I2 58 I4					85	
		L	58 26						
		M_1E	58 5I	I.0		-27			
		M_2E	59 34	I.0		±I7			
		M_1N	58 5I	I.0	+23				
		M_2N	59 3	I.0	+2I				
		CE	I3 0 I8						
		FE	2 6						
		FN	I 56						
55	24	P	2I 30 I7					2000	
		L	33 5I						
		ME	34 6	I.0		+33			
		MN	33 46	I.5	-83				
		CE	34 46						
		CN	34 56						
		FE	36 37						
		FN	37 I5						
56	26	P	20 59 43					6750	
		L	2I 9 5						
		M_1E	9 57	2.7		-I8			
		M_2E	I0 27	3.9		+I8			
		M_1N	I2 5	2.4	-I9				
		M_2N	I3 I0	2.2	+I5				
		CE	I7 44						
		FE	22 I 35						
57	26	P	22 4I 7					84	
		L	42 I2						
		M_1E	42 49	0.9		-20			
		M_2E	43 28	0.7		+I4			
		M_1N	42 42	I.0	-I4				
		M_2N	43 I0	I.0	-I5				
		CE	44 7						
		CN	44 7						
		FE	46 59						
		FN	48 5						
58	28	P	3 32 I5					5I50	
		S	39 8						

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	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
	May I7	FE	I7 48 5						
	I926	FN	48 32						
37	I8	P	I 25 54					5I7	
		L	27 4						
		ME	27 I9	I.2		+20			
		MN	27 56	I.5	+43				
		FE	3I 28						
		FN	32 34						
38	I8	P	I7 0 54					393	
		L	I 47						
		ME	2 I8	I.I		+26			
		MN	2 32	I.2	-23				
		FE	4 I0						
		FN	4 4						
39	I9	P	7 4 34					3830	
		S	I0 II						
		L	I6 4I						
		MN	20 59	9.6	-40				
		FN	4I 34						
		FE	40 40						
40	22	P	23 I0 50					304	
		L	II 30						
		ME	II 36	I.0		-I46			
		ME_1	I2 I9	I.4		+293			
		ME_2	I2 35	I.3		-238			
		MN	II 33	I.0	-I36				
		MN_1	I2 I8	I.3	+3I0				
		MN_2	I3 6	I.5	+I23				
		CE	I3 50						
		CN	I3 57						
		CME	I4 6	I.3		+24			
		CMN	I4 42						
		FE	I6 25						
		FN	I6 22						
4I	24	P	I II 53					229	
		L	I2 24						
		MN	I3 2	2.5	-I5				
		CN	I5 24						
		FN	I9 23						
42	26	P	I9 47 I3					942	
		L	49 20						
		ME	49 47	I.9		+I38			
		MN	50 I6	3.3	+235				
		CE	20 I 24						
		CN	I9 59 55						
		FE	20 20 23						
		FN	I9 0						
43	June 2	P	20 I6 8					I58	
		L	I6 30						
		ME	I6 59	I.3		+20			
		MN	I6 49	2.6	-20				
		CE	I8 2						
		FE	20 22						
		FN	20 26						

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	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
	June 28	L	3 55 9						
	1926	M_IE	4 2 3I	5.5		I20			
		M_IN	3 55 I9	6.3	+30				
		M_2N	59 30	5.9	-38				
		FE	4 48 34						
		FN	47 38						
59	28	P	6 24 29					5450	
		S	3I 30						
		L	43 I2						
		M_IE	47 44	3.8		+20			
		M_2E	5I 23	6.0		+30			
		M_IN	48 37	6.2	+38				
		M_2N	49 50	6.2	±35				
		FE	7 24 34						
		FN	24 9						
60	29	P	I4 29 25					I350	
		L	32 7						
		M_IE	32 3I	4.6		+373			
		M_2E	34 35	7.3		-4I8			
		M_3E	36 3	3.8		+563			
		M_IN	32 55	I3.2	-875				
		M_2N	36 5I	3.0	+523		+902		
		M_3N	44 40	3.2	+338		+FI8		
		CE	58 I2						
		CN	55 3						
		FE	I5 49 30						
		FN	48 I4						
6I	July I	P	23 I7 47					5500	
		S	25 0						
		L	37 I7						
		ME	44 I2	7.6		-40			
		M_IN	43 3I	9.2	+88				
		M_2N	50 7	7.7	+63				
		CE	52 9						
		CN	50 5I						
	2	FE	0 5 46						
		FN	I2 38						
62	I0	P	I 24 24					5090	
		L	3I I5						
		MN	36 25						
		FN	49 56						
63	I0	P	9 28 42					I62	
		L	29 4						
		M_IE	29 I7	0.5		-38			
		M_2E	30 I9	I.5		-67			
		M_3E	3I II	0.9		+38			
		M_IN	29 II	0.5	-42				
		M_2N	29 4I	0.9	-55				
		M_3N	3I 44	I.I	-65				
		CE	32 40						
		CN	32 20						
		FE	35 45						
		FN	35 49						
64	I0	P	I0 58 I8					3980	
		S	II 4 I						
		L	I2 49						
		M_IE	I9 46	4.4		-25			

No. from to 19

OSAKA JAPAN.

SEISMIC BULLETIN

of the Osaka Meteorological Observatory of Japan.

$\varphi = 34°\ 39'$ N. $\lambda = 135°\ 26'$ E. Gr. h = 3.0 m Underground:

Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
	July IO	ME_2	II 23 47	4.6		+23			
	I926	MN_1	I5 I7	9.0	+50				
		MN_2	I8 55	7.5	-35				
		CE	25 54						
		CN	23 I9						
		FE	I2 4 I3						
		FN	2 40						
65	IO	P	23 2 49					390	
		L	3 4I						
		ME	4 30	3.2		-225			
		MN	4 37	I.4	-328				
		CE	I0 32						
		CN	I2 28						
		FE	24 3I						
		FN	25 I7						
66	I4	P	3 4I 49					I24	
		L	42 6						
		ME	42 32	2.0		+I7			
		MN	42 II	I.5	+I5				
		CE	43 0						
		CN	42 57						
		FE	44 4I						
		FN	44 5I						
67	I4	P	6 40 32					II5	
		L	40 47						
		ME_1	4I 5	I.2		+I73			
		ME_2	4I 37	I.0		+235			
		ME_3	42 20	I.I		+288			
		MN_1	40 47	I.2	+I22				
		MN_2	4I 50	I.0	+I25				
		MN_3	42 30	0.8	-I07				
		CE	43 9						
		CN	43 27						
		FE	46 22						
		FN	47 58						
68	I4	P	I6 53 I2					4I00	
		L	59 5						
		MN	I7 9 I0	2.3	+5				
		FN	23 45						
69	I4	P	I9 3I 9					384	
		L	32 0						
		ME	32 57	I.4		+32			
		MN	32 40	2.I	-25				
		CE	33 I4						
		CN	33 I8						
		FE	37 I4						
		FN	39 36						
70	I6	P	0 53 20					90	
		L	53 32						
		ME	53 54	I.0		-I7			
		MN	53 58	I.3	-23				
		CE	54 49						
		CN	55 40						
		FE	56 35						
		FN	56 55						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r^2}{r_o}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
71	July 16 1926	P	2 12 39					3660	
		S	18 54						
		L	27 25						
		MN	31 45	7.7	-15				
		FE	50 7						
		FN	50 30						
72	19	P	9 56 9					137	
		L	56 27						
		MN_1	56 50	1.4	-50				
		MN_2	57 32	1.2	-33				
		MN_3	57 58	1.2	-40				
		CN	58 7						
		FN	10 1 15						
73	20	P	14 0 10					83	
		L	0 21						
		ME	1 55	1.8			-124		
		MN	2 4	1.2	+93				
		CE	2 16						
		CN	2 5						
		FE	4 11						
		FN	5 6						
74	22	P	6 37 15					74	
		L	37 25						
		ME	37 26	0.6			-54		
		MN	37 25	0.5	+30				
		FE	40 28						
		FN	41 2						
75	23	P	5 23 54					—	
		eL	31 35						
		FE	6 24 56						
		FN	7 7						
76	26	P	6 39 52					67	
		L	40 1						
		ME	40 1	1.0			-30		
		MN	40 16	0.7	-29				
		FE	42 51						
		FN	43 19						
77	26	P	18 55 38		W to E _ 0.32			275	
		L	56 15		S to N _ 0.30				
		ME_1	56 37	1.3			-1550		
		ME_2	56 56	1.0			-1235		
		ME_3	58 31	1.9			+850		
		ME_4	19 0 31	2.6			+338		
		MN_1	18 57 4	1.0	-1225				
		MN_2	57 24	1.5	+1000				
		MN_3	58 25	2.7	+625				
		MN_4	59 12	1.9	+688				
		CE	19 6 0						
		CN	7 40						
		FE	23 45						
		FN	25 43						
78	28	P	9 1 44					—	
		eS	9 21						
		eL	15 23						
		ME	18 23	9.1			-38		
		MN	18 19	8.0	+45				

Osaka
9 juin - 11 juin - 28 juin - 28 juillet

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
	July 28	FE	10 6 16						
	1926	FN	9 56 12						
79	28	P	22 3 58					668	
		L	5 28						
		ME	6 16	1.2		+54			
		MN	6 13	1.8	-52				
		CE	7 34						
		CN	7 28						
		FE	11 28						
		FN	11 13						
80	Aug. 2	P	5 6 8					2920	
		L	10 59						
		ME	12 5	14.3		-650			
		MN_1	11 35	7.5	+258				
		MN_2	18 17	5.0	+200				
		MN_3	20 35	6.9	-205				
		CE	30 2						
		CN	29 37						
		FE	7 38 20						
		FN	32 25						
81	2	P	12 46 31					2620	
		L	50 49						
		ME	53 11	4.4		-43			
		MN	52 42	3.7	+63				
		FE	13 53 24						
		FN	37 4						
82	3	P	3 45 42					2700	
		L	49 32						
		ME	55 52	5.9		+125			
		MN_1	52 18	5.8	-150				
		MN_2	54 42	5.5	+155				
		CE	4 2 38						
		CN	5 29						
		FE	5 12 4						
		FN	14 29						
83	3	P	9 27 8					445	
		L	28 8						
		ME_1	28 32	1.7		+600			
		ME_2	29 0	1.5		-487			
		MN_1	28 48	1.9	-563				
		MN_2	29 38	1.7	+430				
		CE	36 47						
		CN	35 18						
		FE	51 47						
		FN	51 20						
84	3	P	10 39 29					3720	
		S	44 57						
		L	53 4						
		MN	58 4	7.9		-500			
		CE	11 1 56						
		CN	8 39						
		FE	33 0						
		FN	34 39						
85	5	eP	5 50 20						
		L	52 37						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h	m	s	Period s	Amplitude AN	AE	Az	Δ k.m.	Remarks
	Aug. 5	ME	5	54	46	4.9	μ	μ30	μ		
	1926	MN		54	I	3.2	-20				
		CE	6	I	57						
		CN	5	59	28						
		FE	6	48	42						
		FN		33	II						
86	5	eP	II	25	II						
		L		—							
		CN		32	47						
		FN		40	3						
87	5	eP	23	34	52						
		L		39	5I						
		ME		4I	I4						
		MN		39	56						
		F		—							
88	5	eP	23	57	8						
	6	L	0	0	48						
		ME		3	3I		4.6		+I5		
		MN		I	3I		4.3	+20			
		FE		26	35						
		FN		23	I6						
89	6	eP	3	II	I0						
		eL		I5	II						
		M		—							
		FE		37	32						
		FN		43	42						
90	6	eP	4	38	27						
		eL		39	40						
		MN		4I	25		4.9	+33			
		FN	5	I4	I						
9I	6	eP	5	30	27						
		L		33	22						
		MN		34	55		4.8	+20			
92	6	P	6	3	4I						2280
		L		7	36						
		ME		9	47		4.4		-37		
		MN		9	38		5.5	+70			
		FE		42	20						
		FN		43	I6						
93	6	P	7	3	3I						2500
		L		7	40						
		ME		I0	44		5.3		+33		
		MN		I0	37		5.4	+55			
		FE		47	30						
		FN		47	53						
94	6	P	8	57	26						2300
		L	9	I	2						
		ME		8	50		3.8		+30		
		MN		4	54		6.0	+20			
		FE		20	58						
		FN		2I	46						
95	6	P	II	37	9						3080
		L		4I	57						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
	Aug. 6 I926	FN	II 56 0						
96	6	eP	I2 8 52						
		L	I3 26						
		ME	I4 44	7.I			-45		
		MN	I5 0	5.0	+45				
		FE	46 9						
		FN	4I 35						
97	6	eP	I3 52 I6						
		L	56 56						
98	6	P	I4 7 50					2750	
		L	I2 2I						
		MN	I2 I8	5.8	-I5				
		FN	3I 3I						
99	6	P	I5 55 5I					3I00	
		L	I6 0 45						
		ME	3 8	7.3			+200		
		MN	2 2I	5.5	-I58				
I00	6	P	I6 42 5I					4390	
		L	48 59						
		ME	5I 55	4.8			+23		
		MN	5I 5	6.0	-25				
		FE	I8 II I5						
		FN	8 3I						
I0I	6	eP	2I 3I I3						
		L	34 I6						
		MN	34 4I	5.5	-25				
		FE	52 44						
		FN	48 I0						
I02	6	eP	22 56 20						
		eL	23 I4 27						
		M	—						
I03	7	eP	0 27 23						
		L	30 59						
		FE	47 0						
		FN	46 39						
I04	7	eP	I I8 5I						
		L	2I 33						
		FE	4I 35						
		FN	39 24						
I05	7	P	2 I2 30					3580	
		L	I7 50						
		ME	I8 II	5.5			-83		
		MN	2I 56	3.8	±60				
		FE	5I 32						
		FN	56 2						
I06	7	P	5 35 9					4220	
		L	4I I3						
		F	52 I6						
I07	7	P	5 57 40					3400	
		L	6 2 5I						

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	T_o	ε	$\frac{r}{T_o}^2$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
I08	Aug. 7 I926	P	6 I5 52					532	
		L	I7 3						
		ME	I8 I3	I.5		+I88			
		MN	I8 45	2.3	-2I5				
		CE	23 I2						
		CN	25 II						
		FE	5I I9						
		FN	49 24						
I09	7	P	9 I2 7					3500	
		L	I7 23						
		FN	3I 2I						
II0	7	P	9 39 43					3400	
		L	44 44						
		ME_1	47 49	3.6		+28			
		ME_2	5I 38	3.3		+35			
		MN_1	45 I4	4.9	±28				
		MN_2	5I 27	3.6	+38				
		FE	I0 I8 24						
		FN	I7 24						
III	7	P	II 7 I2					3430	
		L	I2 26						
II2	7	P	II 35 49					3650	
		L	4I I4						
		ME	46 I3	3.3		+23			
		MN	49 59	4.6	-38				
		FE	I2 I6 33						
		FN	I6 44						
II3	7	P	I2 37 25					4400	
		L	43 39						
		FE	54 I5						
		FN	59 4I						
II4	7	P	I3 I8 28					4220	
		L	24 28						
		FN	43 28						
II5	7	P	I5 2I 5I					3090	
		L	26 37						
		FE	49 I2						
II6	7	P	I7 9 28					2920	
		L	I3 32						
		FE	40 36						
II7	7	eP	23 38 37						
		L	42 I3						
		MN	45 I3	4.0	+20				
	8	CN	0 I 34						
		FE	8 54						
		FN	I9 2						
II8	8	P	I 28 27					5I50	
		L	35 22						
		MN	40 20	4.3	+25				
		FE	56 45						
		FN	5I 2I						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
II9	Aug. 8 1926	P	4 I4 8					2500	
		L	I9 6						
		FE	4I 3						
		FN	4I 57						
I20	8	P	6 52 I5						
		L	7 1 44						
		FE	2I 5						
		FN	II I5						
I2I	8	P	II 40 45					2700	
		L	45 IC						
		FE	I2 I0 I0						
I22	9	eP	3 46 59						
		L	53 8						
		MN	55 55	4.4	±25				
I23	9	P	4 40 5					43	
		L	40 II						
		ME_1	40 II	0.7		-I00			
		ME_2	40 42	I.3		+88			
		ME_3	4I I	I.0		-78			
		ME_4	4I I5	I.0		-68			
		MN_1	40 II	I.2	-66				
		MN_2	40 I5	I.3	-42				
		CE	42 39						
		CN	42 22						
		FE	44 24						
		FN	44 34						
I24	9	P	I4 5 44					2940	
		L	9 I4						
		ME_1	II I3	6.8		+98			
		ME_2	I9 I3	3.7		-I28			
		MN_1	II 49	6.9	+I75				
		MN_2	I8 35	6.3	-225				
		FE	I5 I8 57						
		FN	22 56						
I25	9	eP	I6 0 II						
		L	2 59						
		FN	24 I9						
I26	9	eP	I6 55 53						
		L	58 20						
		FN	I7 I8 0						
I27	I0	P	0 27 I2						
		L	5I 44					2760	
		ME	37 I8	4.0		±30			
		MN	33 57	5.6	±30				
		F	56 I0						
I28	I0	P	I3 42 53					3900	
		L	47 58						
		ME	53 I4	3.0		±30			
		FE	I4 I9 59						
I29	I0	P	I7 38 59					5I50	
		L	45 54						
		FE	I8 6 I3						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
I30	Aug. II	P	5 59 36						
		L	6 4 48					3410	
	I926	ME	6 44	5.5		±20			
		MN	6 28	5.2	+25				
		FE	59 36						
		FN	42 35						
I3I	" 20	P	3 I3 25						
		L	I7 26					2340	
		ME	23 I8	3.2		±25			
		MN	I9 30	4.2	±I8				
		FE	38 I8						
		FN	48 I5						
I32	" 25	P	5 55 3I						
		S	6 4 32					7520	
		L	I7 0						
		ME	23 55	4.8		±I5			
		MN	22 20	7.6	±25				
		FE	7 6 5						
		FN	6 5I						
I33	" 30	P	II 50 50						
		L	I2 2 I					I0200	
		ME	3 25	3.3		-25			
		MN	3 50	3.4	+28				
		FE	42 39						
		FN	57 37						
I34	Sept. 4	P	I5 39 30						
		L	4I 45					I000	
		ME	42 44	2.8		+333			
		MN	43 33	3.2	+583				
		CE	I6 4 22						
		CN	5 45						
		FE	24 45						
		FN	36 2I						
I35	" 7	P	I2 30 52						
		S	33 37					4300	
		L	36 56						
		ME	43 56	5.2		-73			
		MN	43 22	6.3	-30				
		CE	58 II						
		CN	I3 2 2I						
		FE	25 57						
		FN	30 35						
I36	" I0	P	I0 43 26						
		S	50 28					5600	
		L	58 46						
		MN_1	II 2 58	5.2		-286			
		MN_2	9 I3	4.8		+I20			
		MN_3	27 28	4.8		-II3			
		FN	I3 I8 24						

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Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{r_o}^2$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h	m	s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
137	Sept.12	P	15	48	5						
	1926	L		51	33					1900	
		ME		58	34	5.0		+100			
		MN		57	22	9.7	+125				
		CE	16	21	53						
		CN		23	57						
		FE	17	6	13						
		FN		4	12						
138	" 15	P	12	2	2						
		L		13	31					11000	
		ME		15	13	4.6		+25			
		MN		16	19	6.8	±15				
		FE		56	53						
		FN		36	47						
139	" 16	P	18	8	9						
		S		15	8					5250	
		L		21	3						
		ME		26	1	9.0		+363			
		MN		26	42	8.5	-863				
		FE	19	25	39						
		FN		46	52						
140	" 26	P	1	1	48						
		L		2	23					260	
		ME		4	33	3.2		-25			
		MN		4	44	2.4	-45				
		FE		16	0						
		FN		15	25						
141	Oct. 2	P	19	4	28						
		L		5	39					528	
		ME		6	37	2.2		+60			
		MN		6	31	1.8	-63				
		CE		10	54						
		CN		10	2						
		FE		22	8						
		FN		23	58						
142	" 3	P	8	28	4						
		L		29	14					638	
		ME		30	37	3.2		-225			
		MN		31	15	5.2	-395				
		CE		47	25						
		CN		53	28						
		FE	9	4	37						
		FN		7	0						
143	" 3	P	19	51	7						
		S	20	1	36					9625	
		L		10	56						
		MN		21	9	24.8	+200				
		FN	21	29	49						
144	" 13	P	6	9	26						
		L		18	1					7000	
		ME		22	16	7.5		+33			
		MN		23	25	9.0	+55				
		FE		37	51						
		FN		49	26						

from ---------- to ---------- 19

OSAKA JAPAN.

SEISMIC BULLETIN
of the Osaka Meteorological Observatory of Japan.

$\varphi = 34°\ 39'$ N. $\lambda = 135°\ 26'$ E. Gr. h = 3.0 m Underground:

Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r^2}{T_o}$	V
AN:	30			20
AE:	30			20
Az:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	Az μ	Δ k.m.	Remarks
145	Oct.13	P	14 24 41					2620	
	1926	S	29 0						
		L	34 47						
		MN	35 33	4.8	-30				
		FN	56 55						
146	" 13	P	19 15 33					4080	
		PP	17 54						
		S	21 24						
		L	25 11						
		ME_1	30 35	7.1		-100			
		ME_2	35 40	7.5		-100			
		MN_1	30 32	7.7	+163				
		MN_2	34 7	7.7	+170				
		FE	21 31 9						
		FN	22 5 45						
147	" 19	P	14 5 9					6	
		L	5 10						
		MN	5 45	0.5	+110				
		FN	8 40						
148	" 20	P	1 41 38					122	
		L	41 55						
		ME	41 56	0.6		+120			
		MN	42 26	0.5	-140				
		FE	45 44						
		FN	47 7						
149	" 26	P	3 51 59					3900	
		S	57 40						
		L	4 2 46						
		MN	5 49	13.6	±2325				
		FN	6 15 32						
150	" 26	P	6 18 47					4200	
		PP	22 18						
		S	24 44						
		L	30 19						
		MN	32 6	10.0	-128				
		FN	7 44 5						
151	" 26	P	8 42 17					3580	
		S	47 38						
		L	53 21						
		MN	54 49	9.5	+35				
		FN	9 42 56						
152	" 26	P	14 23 11					4220	
		L	29 12						
		MN	35 47	10.8	+50				
		FN	15 0 15						
153	" 29	P	0 13 53					2410	
		L	17 59						
		ME	20 19	4.0		-25			
		MN	20 30	4.3	+20				
		FE	42 29						
		FN	44 9						
154	" 30	P	10 16 58					2170	
		L	20 45						
		ME	22 33	3.5		-63			

from ..... to 19

OSAKA JAPAN.

SEISMIC BULLETIN
of the Osaka Meteorological Observatory of Japan.

$\varphi = 34°\ 39'$ N. $\lambda = 135°\ 26'$ E. Gr. h = 3.0 m Underground:

Instrument: Ômori Horizontal Pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	30			20
AE:	30			20
AZ:				

No.	Date	Phase	G.M.T. h m s	Period s	Amplitude AN μ	AE μ	AZ μ	Δ k.m.	Remarks
154	Oct. 30	P	10 16 58						
		L	20 45					2170	
		ME	22 33	3.5			-63		
		MN	22 58	5.2	+63				
		FE	57 36						
		FN	11 5 28						
155	" 30	P	13 50 33						
		L	55 35					3250	
		MN	57 54	3.0	+20				
		FE	14 15 28						
		FN	29 45						
156	Nov. 2	P	19 50 24						
		S	53 39					1750	
		L	57 25						
		ME	58 30	6.4			+25		
		FN	20 50 45						
157	" 2	P	21 13 48						
		S	17 12					1880	
		L	20 6						
		ME	21 30	7.5			+38		
		MN	22 44	6.7	+48				
		FE	22 28 40						
		FN	23 20						
158	" 5	P	8 15 24						
		L	23 3					5980	
		M.							
		FE	58 10						
		FN	9 0 54						
159	" 5	P	19 6 42						
		L	7 47					482	
		ME	8 42	1.2			+46		
		MN	8 36	1.3	-79				
		CE	10 5						
		CN	9 52						
		FE	11 53						
		FN	12 27						
160	" 10	P	8 57 6						
		L	57 21					115	
		ME	57 57	1.9			+648		
		MN	57 39	2.1	+425				
		FE	9 8 54						
		FN	8 59						
161	" 11	P	3 2 54						
		L	3 59					482	
		ME	5 43	4.0			-150		
		MN	5 58	3.9	-350				
		CE	21 4						
		CN	23 10						
		FE	39 20						
		FN	39 36						
162	" 27	P	5 24 30						
		S	27 41					1440	
		L	29 47						
		MN	33 53	3.5	-64				
		FN	6 3 36						