from Jan. 1 to 12 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35°\ 41'06''$ $\lambda = 139°\ 45'04''$ h = 21.3 m Underground:

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
AN:	5.0	3.2	0.0003	76
AE:	5.0	3.2	0.0003	80
Omori ~~Az~~	10.1	-	0.017	20

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month						AN	AE	AZ		
				h	m	s	s	μ	μ	μ	km.	
1	3	Jan.	P	9	53	34						
			L	9	55	21						
			M	9	55	34	7.8		150			
			C	10	00	2[illegible]						
			F	10	16	31						
2	3		P	17	47	19						
			S	17	47	47						
			L	17	48	19						
			M	17	48	59	9.0		250			
			C	17	55	29						
			F	18	09	50						
3	8		P	12	51	45						
			L	12	52	17						
			M	12	52	39			70			
			C	13	00	17						
			F	13	06	29						
4	8		P	21	35	02						
			S	21	43	53						
5	8		P	1	55	22						
			L	1	55	39						
			M	1	55	41						
			F	1	58	25						
6	8		P	2	00	26						
			L	2	00	41						
			M	2	00	43						
			F	2	02	25						
7	12		P	0	27	19						
			L	0	27	32						
			M	0	27	33				25		
			F	0	30	50						

No. 6 from Jan. 12 to Jan. 14

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41'06''$ $\lambda = 139° 45'04''$ h = 21.3 m Underground:

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	3.0	3.2	0.0001	70
AE:	3.0	3.2	0.0001	80
~~AZ~~ AE	10.1	-	0.017	20

Omori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude AN μ	Amplitude AE μ	Amplitude AZ μ	△ km.	Remarks
8	12	Jan	P	0	44	03						
			L	0	46	18						
			M	0	48	41			2			
			E	1	07	26						
9	13		P	22	46	16						
			L	22	48	36						
			M	22	49	41						
			M	22	51	48						
			C	23	02	25	7.4		10			
			F	24	03	43						
10	13		P	8	02	02						
			L	8	02	20						
			M	8	02	28	2.5		3			
			F	8	04	29						
11	14		P	3	01	14						Absolute epoch is uncertain
			F	3	02	53						
12	14		P	3	32	21						
			L	3	33	15						
			M	3	34	12						
			C	3	44	13						
			F	3	51	55						
13	14		P	15	58	58						
			L	16	00	03						
			M	16	01	26						
			C	16	11	10						
14	17		P	18	29	08						
			L	18	29	20						
			M	18	29	20	0.1		15			
			F	18	33	18						

No. 3 from Jan. 15 to 30 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35°\ 41'06''$ $\lambda = 139°\ 45'04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
AN :	5.0	5.2	0.0061	70
AE :	5.0	5.2	0.0061	80
Ômori AZ : AE	10.1	-	0.017	20

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month		h	m	s	s	AN μ	AE μ	AZ μ	km.	
15	18	Jan.	P	2	37	59						
			L	2	37	56						
			M	2	38	14						
			E	2	40	01						
16	18		P	3	49	55						
			S	3	50	03						
			L	3	50	39						
			M	3	52	05						
			C	4	05	19						
			F	4	31	45						
17	18		P	13	03	52						
			F	13	04	58						
18	21		P	15	34	01						
			F	15	37	47						
19	23		P	9	44	16						absolute epoch is uncertain
			L	9	45	41						
			M	9	46	00						
			C	9	47	16				20		
			F	9	48	44						
20	28		P	13	54	21						
			L	13	54	33						Do.
			M	13	54	54	0.7			50		
			F	13	55	39						
21	30		P	4	53	36						Do.
			F	5	00	18						
22	30		P	17	16	50						Do.
			L	17	18	24						

No. 4 from Feb. 1 to 8, 1920.

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41'06''$ $\lambda = 139° 45'04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN :	3.0	3.2	0.0001	117
AE :	3.0	3.2	0.0001	129
AZ :				

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month		h	m	s	s	AN μ	AE μ	AZ μ	km.	
23	1	Feb.	P	5	11	52						
			L		12	29						
			M		12	31	0.4		0.4			
			F		15	59						
24	2		P	19	42	2						
			L		42	32						
			M		43	15	0.8		16			
			C		44	53						
			F		46	17						
25	2		P	20	30	10						
			S		30	53						
			L		33	6						
			M		35	10	0.9		-16			
			C	21	12	21						
			F		35	42						
26	4		P	21	46	15						
			L		49	15						
			M		49	16	0.9		8			
			F		55	3						
27	7		P	2	29	29.						
			L		30	36						
			M		31	1	1.0		-16			
			F		36	2						
28	8		P	0	08	21						
			S		09	28						
			L		09	47						
			C		15	16						
			C		19	27						
			F		56	25						
29	8		P	3	16	59						
			L		17	26						
			C		19	38						
			F		21	48						

No. 5 from Feb. 10 to 18, 1920.

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35°\ 41'06''$ $\lambda = 139°\ 45'04''$ h = 21.3 m Underground:

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
AN:	3.0	3.2	0.0001	117
AE:	3.0	3.2	0.0001	129
AZ:				

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month		h	m	s	s	AN μ	AE μ	AZ μ	km.	
30	10	Feb.	P	23	37	13						
			L		38	7						
			C		38	50						
			F		39	33						
31	11		P	2	3	6						
			L		3	32						
			M		3	44	-		-13			
			C		4	19						
			F		5	48						
32	11		P	15	37	16						
			L		37	38						
			M		37	38	0.3		102			
			C		39	40						
			F		44	4						
33	11		P	19	52	12						
			L			58						
			M			58	0.5		-10			
			F		55	8						
34	11		P	23	42	28						
			L			39						
			M			40	0.4		12			
			F		45	15						
35	18		P	9	00	32						
			L		1	1						
			M		1	3	1.8		-27			
			C		3	20						
			F		8	10						
36	18		P	10	44	21						
			L			42						
			M			48	1.0		21			
			F		53	38						

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	5.0	3.2	0.0001	117
A_E :	3.0	3.2	0. .1	129
$A_Z A_E$	17.7	-	0.007	20

Omori

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
20	12	Feb	P	21	41	35						
			L		41	53						
			MN		41	54	2.0	24				
			ME		41	55	1.4		-21			
			F		45	50						
21	13		P	22	47	56					31	
			L		48	02						
			MN		48	02	0.3	40				
			ME		48	02	-		38			
			F		49	40						
22	13		P	23	42	58						
			eL		43	36						
			MN		43	49	2.4	51				
			eNE		43	51	2.1		-64			
			F		46							
23	14		eP	1	08	18						
			eL		02	45						
			eMN		02	51	2.4	34				
			eME		02	54	2.5		40			
			F		14	25						
24	14		P	3	00	39					109	
			L		00	53						
			MN		00	54	0.5	-2400				
			ME		00	54	0.8		-1080			
			MN		01	44	2.0	-344				
			ME		01	41	1.7		160			
			F		08	20						
25	14		P	8	26	31					32	
			L		26	42						
			MN		26	46	1.4	210				
			ME		26	47	1.6		200			
			F		28	40						

No. 7 from 15 Feb to 19 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_{AE}	17.7	-	0.007	20

Omori

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
26	15	Feb	P	12	40	18					121	
			L		40	25						
			MN		40	26	-	38				
			ME		40	25	0.3		-29			
			F		41	58						
27	15		P	17	55	53					84	
			L		56	04						
			ME		56	06	0.2		34			
			MN		56	05	0.4	31				
			ME		56	36	0.6		30			
			MN		56	32	0.8	-30				
			F		58	20						
28	15		P	18	26	56					47	
			L		27	03						
			MN		27	03	-	8				
			ME		27	03	-		-9			
			F		27	30						
29	17		P	11	13	43					93	
			L		13	56						
			MN		13	57	-	18				
			ME		13	56	-		9			
			F		14	10						
30	18		P	5	38	23					45	
			L		38	34						
			MN		38	55	-	8				
			ME		38	35	-		-17			
			F		33	59						
31	19		eP	11	2	43						
			?	?								

No. 8 from 19 Febarury to 25 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :				
Omori AE	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
32	19	Feba	P	18	21	18						
			S		21	29						
			L		21	35					124	
			ME		21	36	0.4		-33			
			MN		21	37	0.7	-34				
			F		23	50						
33	19		P	21	01	21						
			L		01	25					27	
			MN		01	25	-	6				
			ME		01	25	-		-5			
			F		01	51						
34	24		P	8	58	26						
			L		58	32					49	
			MN		58	32	-	4				
			ME		58	32	-		5			
			F		58	50						
35	24		P	21	53	14						
			L		53	23					64	
			MN		53	25	1.2	43				
			ME		53	23	0.8		44			
			F		55	30						
36	25		P	11	55	11						
			eL		55	22						
			MN		55	22	-	11				
			ME		55	22	-		9			
			F		58							
37	25		P	15	33	11						
			S		33	24						
			L		33	34					165	
			MN		33	39	1.8	-19				
			ME		33	40	1.2		21			
			MN		33	55	1.4	15				
			ME		34	01	1.6		11			
			F		36	25						

No. 6 from Feb. 18 to 23, 1920.

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41'06''$ $\lambda = 139° 45'04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN :	~~3.0~~	~~3.2~~	~~0.0001~~	~~117~~
AE :	~~3.0~~	~~3.2~~	~~0.0001~~	~~129~~
AZ :				

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month		h	m	s	s	AN μ	AE μ	AZ μ	km.	
37	18	Feb	P	19	31/32	00						
			L		32	25						
			M		32	48	4.4		52			
			C		39	49						
			F		54	00						
38	19		P	13	48	27						
			L			49						
			M			53	0.2		74			
			C		51	41						
			F		55	59						
39	19		P	13	59	27						
			L			52						
			M			58	0.2		101			
			C	14	5	27						
			F		17	25						
40	20		P	15	35	6						
			L			43						
			M			44	2.1		10			
			F		36	50						
41	22		P	20	33	56						
			L		34	4						
			M			7	-		8			
			F		36	00						
42	23		P	2	38	23						
			L		40	38						
			C		55	57						
			F		59	38						
43	23		P	7	3	45						
			L		4	10						
			M			18	2.1		-7			
			F		6	58						

No. 7 from Feb. 27 to 1920.

TÔKYÔ JAPAN.

SEISMIC BULLETIN
of the Central Meteorological Observatory of Japan.

$\varphi = 35°\ 41'06''$ $\lambda = 139°\ 45'04''$ h = 21.3 m Underground:

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal pendulum.

	T_o	ε	$\frac{r}{T_o^2}$	V
AN:	3.0	3.2	0.0001	117
AE:	3.0	3.2	0.0001	129
AZ:				

No.	Date		Phase	Time			Period	Amplitude			△	Remarks
	Day	Month		h	m	s	s	AN μ	AE μ	AZ μ	km.	
44	27	Feb	P	7	51	43						
			L			49						
			M			50	0.3		12			
			F		52	59						
45	27		P	11	59	36						
			L			41						
			M			41	-		-10			
			F	12	00	59						
46	27		P	14	58	34						
			L			52						
			M			53	0.4		-6			
			F		59	49						

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
Omori ~~A_Z~~ A_E	16.1	-	0.017	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
48	1	March	P	16	21	56					136	
			L		22	5						
			MN		22	5	-	-10				
			ME		22	6	-		3			
			F		25	10						
49	3		P	5	1	52					120	
			L		2	8						
			M		2	10	0.5	8				
			F		5	2						
50	8		P	14	2	1					121	
			L		3	24						
			ME		3	28	-		16			
			MN		3	28	-	12				
			F		8	55						
51	9		P	4	36	52					83	
			L		37	4						
			MN		37	6	-	-10				
			ME		37	6	-	-11				
			F		39	24						
52	9		P	21	45	54					45	
			L		46	0						
			MN		46	1	-	6				
			ME		46	1	0.4		-12			
			F		47	35						
53	10		P	12	31	11						
			L		31	36						
			MN		31	43	1.5	6				
			ME		32	2	1.4		10			
			F		34	35						

No. 9 from 10 th. to 15 th. March, 1926

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :	16.1	-	0.017	20

Omori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
54	10	March	P	13	19	5						
			LNe		19	32						
			LEe		19	24						
			MN		20	31	-	5				
			F		22	47						
55	10		P	13	32	54					124	
			L		33	11						
			MN		33	19	-	-5				
			F		34	58						
56	13		P	19	43	2						
			L		44	9						
			M		44	14	0.7	5				
57	13		P	21	48	4						
			L		48	10						
			ME		48	10	-		-4			
			MN		48	10	-	5				
			FN		49	36						
			FE		49	44						
58	13		P	23	41	57						
			F		46	7						
59	14		P	1	45	45						
			L		47	6						
			ME		47	7	-		-5			
			MN		47	8	-	5				
			F		48	31						
60	15		P	3	50	5					330	
			L		51	30						
			ME		51	32	0.7		-13			
			MN		51	33	0.7	-10				
			FE		59	36						
			FN		59	12						

No. 10 from 15 th. to 20 th. March 1926.

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 03''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
Ax :	5.5	3.2	0.0001	117
Ae :	5.0	3.2	0.0001	128
Az :	10.1	-	0.017	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	Ax μ	Ae μ	Az μ	km.	
61	15	March	P	5	16	41	-				91	
			L		16	53						
			ME		16	55	-		-7			
			MN		16	55	0.4	7				
			F		19	54						
62	16		P	2	5	14					115	
			L		5	30						
			MN		5	30	1.4	12				
			ME		5	30	0.3		9			
			F		7	26						
63	16		P	22	47	19					148	
			L		47	39						
			MN		47	45	0.3	2				
			ME		47	48	0.4		7			
			F		48	58						
64	18		P	5	51	24						
			L		51	28						
			ME		51	28	-		-4			
			MN		51	29	-	-5				
			F		53	11						
65	19		P	11	8	1					137	
			L		8	20						
			ME		8	20	0.6		33			
			MN		8	26	-	33				
			F		23	25						
66	20		P	5	27	56					101	
			L		28	12						
			ME		28	14	1.1		8			
			MN		28	17	0.7	-13				
			F		30	24						

No. II

from 20 th to 25 th. March. 19[illegible]

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :	16.1	-	0.017	20

Omori

No.	Date		Phase	Time		Period	Amplitude			Δ	Remarks
	Day	Month					A_N	A_E	A_Z		
[illegible]	20	March	P	[illegible]	13 18	s	μ	μ	μ	km.	
			L		13 28						
			MN		13 43	-	-5				
			F		16 7						
68	20		P	12	53 42					116	
			L		53 58						
			MN		53 59	0.4	-14				
			ME		53 59			14			
			F		56 13						
69	20		P	16	13 54					72	
			L		14 4						
			MN		14 5	-	4				
			ME		14 5			-4			
			F		17 19						
70	21		P	3	51 46						
			Si	4	16 29						by Omori's Seismometer (Absolute Epoch is uncertain)
			Li		27 31						
			C		51 33						
			F	3	9 13						
71	22		P	14	6 48						
			L		7 2						
			ME		7 3						
			MN		6 3						
			F		12 12						
72	23		P		29 30					75	
			L		29 41						
			MN		29 45	[illegible]	-9				
			ME		29 49	[illegible]		10			
			F		33 57						

No. 13 from 25 th. to 30 th. March, 1928.

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	5.0	3.2	0.020	117
A_E :	5.0	3.2	0.020	129
A_Z :	16.1	-	0.017	20

Omori

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
11	25	March	P	6	55	25					54	
			I.		55	32						
			ME		55	33	..		56			
			MN		55	35	0.3	-50				
			AN		55	35	0.7	-52				
			ME		55	6	0.7		-47			
			F		58	54						
12	25		P	16	57	53					403	
			S		58	26						
			I		58	30						
			ME		58	36	0.6		37			
			MN		58	57	0.5	41				
			F	17	2	25						
13	30		P	7	43	23					97	
			I		43	38						
			MN		43	41	-	17				
			ME		43	50			-12			
			F		46	10						

No. 13 from 3 rd. to 12 th. April, 19?

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
Omori A_Z :	16.1	-	0.017	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
76	3	April	P	0	17	34						By Omori's Seismometer only. Absolute Epoch is uncertain
			I.		20	35						
			ME		24	09	11.0		-70			
			MF		26	25						
			C		36	01						
			F		49	54						
77	3		P	12	48	12					160	
			L		48	33						
			ME		48	34	0.6		50			
			MN		48	35		54				
			F		53	11						
78	5		P	5	32	13					81	
			L		32	41						
			MN		32	45	1.2	-27				
			ME		32	46	0.9		-12			
			F		37	12						
79	8		Pe	4	09	21						By Omori's only. Absolute Epoch is uncertain.
			Pe		14	36						
			M		?							
			F		43	38						
80	12		P	8	07	40					1780	Do.
			S		07	58						
			L		10	25						
			M1		10	31	6.1		110			
			M2		12	20	4.4		100			
			M3		13	14	6.3		-103			
			C1		23	27						
			C2		34	49						
			F	9	39	47						

No. 11 from 13 th. to 24 th. April, 1920.

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :				
A_E :	3.0	3.2	0.0001	117
A_Z :	3.0	3.2	0.0001	129
Omori AE	16.1	-	0.017	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
81	13	April	P	2	38	43					123	
			L		38	59						
			MN		39	05	1.8	32				
			ME		39	09	1.6		62			
			ME		41	38	0.3		-25			
			CE		43	47						
			CN		43	58						
			F		45	55						
82	16		P	21	14	27					320	
			L		15	10						
			ME		15	15	1.3		125			
			MN		15	18	1.6	-185				
			MN		17	18	2.1	-45				
			ME		17	25	1.5		-54			
			CE		23	25	3.2		15			
			CN		23	25	3.0	13				
			F		31	21						
83	20		P	19	58	59					64	
			L		59	08						
			MN		59	10	-	13				
			ME		59	11	-		7			
			F	20	04	13						
84	23		P	1	22	02					127	
			L		22	19						
			ME		22	21	0.6		-19			
			MN		22	21	0.7	11				
			F		24	15						
85	24		P	0	08	55					98	
			L		09	08						
			ME		09	09	-		513			
			MN		09	10	-	-543				
			F		10	04						

No. 25 from 25 th. to 29 th. April, 1926

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :	16.1	-	0.017	20

Ômori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
86	25	April	P	9	15	41					222	
			L		16	11						
			ME		16	14	-		9			
			MN		16	16	-	-7				
			F		18	53						
87	26		P	0	38	31					61	
			L		38	39						
			ME		38	39	-		15			
			MN		38	39	-	-4				
			F		40	34						
88	26		P	11	11	26					198	
			L		11	52						
			ME		12	58	0.8		77			
			MN		12	59	0.5	-64				
			F		18	57						
89	26		P	21	45	26					270	
			L		45	57						
			ME		45	58	1.3		4			
			MN		?							
			F		48	48						
90	28		P	19	49	13					175	
			L		49	36						
			ME		49	36	1.0		-14			
			MN		49	47	1.6	12				
			ME		49	47	1.8		10			
			F		53	03						
91	29		P	16	16	46					180	
			L		17	10						
			ME		17	15	1.1		-26			
			MN		17	15	1.2	-20				
			ME		17	36	1.8		-21			
			MN		17	37	1.9	10				
			F		21	53						

No. 16 from 29 th. to 30 th. April, 192

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :				
Omori AE	16.1	.	0.017	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
92	29	April	P	22	53	28						
			L	22	54	47						
			ME		55	02	1.5		2			
			MN		55	05	1.7	-3				
			ME		55	21	1.8		-3			
			MN		55	26	1.7	2				
			F	23	04	47						
93	30		P	10	7	53						
			L		8	0						
			ME		8	02	1.9		-11			
			MN		8	03	2.2	8				
			F		13	48						
94	30		P	12	31	37					99	
			L		31	56						
			ME		31	50	1.3		10			
			MN		31	52	1.0	10				
			F		33	14						
95	30		I	23	54	49					70	
			L		54	59						
			ME		54	59	0.8		-27			
			MN		55	01	0.6	-29				
			F	24	0	13						

No. 21 from 23 May to 30 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41'' 06''$ $\lambda = 139° 45'' 04''$ h = 21.3 m Underground :

Instruments : Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

Omori

	T_0	ε	$\frac{r}{T_0^2}$	V
AN:	3.0	3.2	0.0001	140
~~AE:~~	~~3.0~~	~~3.2~~	~~0.0001~~	~~155~~
AZ:	17.7	--	0.007	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude AN μ	Amplitude AE μ	Amplitude AZ μ	Δ km	Remarks
3	23	May	eP	4	18	51	(No distinct phases)				Seems to be near Is,Mariana.	
			eF	5	10							
7	23		eP	12	14	48					P and L uncertain by pulsatory oscillations during the day. (Off the coast of Rikuchyu(NE Japan)	
			eL		15	33						
			MN		16	17	3.2	30				
			ME		16	19	3.8		-14			
			eF		28							
8	27		P	19	17	46						
			L		18	08				159	Off the coast of Yzu. (No felt in Land)	
			MN		18	09	0.7	17				
			ME		18	11	0.8		11			
			MN		18	51	1.4	-10				
			ME		18	59	1.8		-8			
			F		21	50						
9	28		e	19	30		(Record difficult to interpret.Very distant (probably near Marshall Islands)					
00	29		e	21	46	20	Waves not clearly present.(Nothing on Wiecher Pendulum) Very distannt.					
			eF	22	02							
01	30		P	20	25	34					Seems to be Near Mount Tsukuba.	
			L	20	45	43						
			MN	20	48	48	0.4	9				
			ME	20	25	51	-		9			
			F		27	40						

No. 22 from 3 JUNE to 6 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	5.0	5.2	0.0001	117
A_E :	3.0	3.2	0.0001	120
AA_Z :	16.1	-	0.017	30

Ômori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
121	2	June	P	18	30	24						
			S		30	35						
			L		30	55						
			ME1		31	11	1.7		26			
			MN1		31	12	1.9	17				
			ME2		31	20	1.8		20			
			MN2		31	22	1.9	20				
			C		32	56						
			F		33	24						
122	3		P	13	51	31					35	
			L		31	40						
			MS		31	40			-14			
			MN		31	41		10				
			S		34	25						
123	5		P	1	25	56					2050	
			S		27	45						
			L		29	13						
			MN1		29	31	3.1		171			
			ME1		29	31	3.4	180				
			MN2		33	53	4.5	-120				
			ME2		33	54	4.5		250			
			MN3		34	24	4.8	256				
			ME3		34	25	4.8		240			
			MN4		35	46	4.8	216				
			ME4		35	47	4.9		245			
			Q		37	46	5.8	200				
			R		39	59	3.4	-130				
			S		41	08	5.2	135				
			T	F	48	55						
124	3		P	14	32	13						Ômori
			S		34	39						
			Q		38	21	3.5		50			
			R		44	45						
			T									

No. 23 from 9 June to 10 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :				
A_E :	3.0	3.2	0.0001	117
Az :	3.0	3.2	0.0001	129

Omori AE 16.1 - 0.017 20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude Az μ	Δ km.	Remarks
125	9	June	P	3	13	25						
			L	?								
			M									
			Fe		30	20						
126			P	11	38	36						
			Se		40	30						
			Le		44	35						
			ME?		46	35	3.1			18		
			MN?		46	41	4.0	17				
			ME		52	37	7.8			-18		
			MN		52	46	8.1	20				
			F	12	12	34						
127	10		Pe	2	36	21						
			L	?								
			M									
			Fe		59							
128	10		P	20	0	59						
			L		1	59						
			ME		2	8	-			-26		
			MN		3	8	-	-32				
			F	6	11	//						
129	10		Pe	23	22	44						
			Le		25	12						
			ME		23	35	1.7			-11		
			MN		23	39	1.9	13				
			F		27	55						
130	10		Pe	23	50	34						
			L		50	50						
			ME		50	52	-			9		
			MN		50	52	-	10				
			F		53	38						

No. 24 from 13 June to 18 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
	A_N :	3.0	3.2	0.0001	117
	A_E :	3.0	3.2	0.0001	129
	A_Z :				
Omori	AE	16.1	-	0.017	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
131	13	June	P	15	36	41					270	
			L		37	17						
			ME		37	25	-		11			
			MN		37	27	-	10				
			F		40	5						
132	15		Pe	3	5	41						
			L	?								
			MN	?	21	11	3.1	12				
			ME	?								
			Fe		44							
133	15		P	10	39	22					70	
			L		39	31						
			ME		39	32	0.4		46			
			MN		39	31	0.3	-18				
			F		42	18						
134	18		P	18	56	56						
			L		57	6						
			ME		57	7	-		9			
			MN		57	7	-	5				
			F		57	59						
135	18		P	23	56	55						
			L		57	5						
			ME		57	6	0.4		23			
			MN		57	6	0.3	-9				
			Fe	24	0	4						

No. 25 from 19 June to 24 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
Omori AE_Z :	16.1	-	0.017	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
136	19	June	Pe	1	4	4						
			L		5	3						
			ME		6	17	2.4		8			
			MN		6	17	1.9	7				
			F		9	28						
											231	
137	22		P	8	10	24						
			S		10	44						
			L		10	56						
			ME1		10	57	1.2		775			
			MN1		10	57	1.2	400				
			MN2		11	36	2.1	18				
			ME2		11	37	2.0		26			
			MN3		11	54	2.2	21				
			ME3		11	56	2.0		-25			
			MN4		12	16	2.4	-20				
			ME4		12	19	2.0		-20			
			MN5		12	54	2.0	-17				
			ME5		12	55	2.1		-18			
			C1		14	30	1.9		8			
			C2		15	7	2.4		7			
			Fe		18	10						
138	22		Pe	10	10	13						
			Le		10	35						
			ME		10	37	2.3		6			
			MN		10	37	-	-3				
			Fe		13	11						
139	24		Pe	3	19	1						
			L		19	19						
			ME		19	21	2.0		-18			
			MN		19	18	1.3	13				
			F		21	28						

No. from to

26 20 June 28 1930

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :			—	
A_E :	3.0	3.2	0.0001	117
A_Z :	3.0	3.2	0.0001	129

16.1 + 0.017 20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
140	25m	June	Pe	10	25	25						
			Le		26	42						
			ME		28	20	3.4		23			
			MN		28	27	3.7	21				
			ME		30	14	3.6		-23			
			MN		30	23	3.3	-19				
			C		31	32						
			C		31	53						
			Fe		36	20						
141	28		P	23	58	44						
			Le?	24	9	18						
			ME		9	31	1.1		8			
			MN		9	43	1.3	7				
			F		13	15						

No. 37 from 3 to 4

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
	A_N :	3 .0	3.2	0 0001	129
	A_E :	3. 0	3,2	0.0001	117
Om ori	A_Z AE	16. 1	-	0.016	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
142	1	July	P	19	57	14						
			L		57	55						
			ME		57	66	0.7		280			
			MN		57	56	0.6	330				
			ME		58	26	1.1		124			
			MN		58	37	0.8	100				
			CP	20	1	4	1.5		-34			
			CN		1	4	1.5	-30				
			F		5	16						
143	2		P	5	11	47						
			L		12	4						
			ME		12	4			3			
			MN		12	4		4				
			sF		15							
144	2		P	21	49	48						
			eP ?		49	55						
			MN		51	14	3.2	29				
			ME		51	19	3.6		31			
			eF	22	18							
145	2		eP	17	48	5 5						
			M	?								
			eF	18	28							
146	3		P	14	19	34					97	
			L		19	47						
			MN	?								
			ME									
			F		21	18						
147	4		P	4	20	16						
			L		20	32						
			ME		20	52	-		63			
			MN		20	53	.	49				
			F		27	8						

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ϵ	$\frac{r}{T_0^2}$	V
A_N	3.0	3.2	0.0001	117
A_E	3.0	3.2	0.0001	129
A_Z	6.1	-	0.017	20

Omori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
4	July		P	10 51	18						187	
			L		51 43			-				
			ME		52 23	2.9	-	160				
			MN		52 24	1.4	61					
			ME		52 34	2.9		34				
			M F		53 32	2.0	42					
			CN		53 06	3.1	45					
			CE		53 38	2.5		23				
			F		59 25							
5			P	10 19	05						186	
			L		19 32							
			ME		13 53	2.5		33				
			MN		19 15	1.3	32					
			ME		19 20	2.3		21				
			C		21 31	2.3	17					
			F		25 40							
6			E	8 10	30							
			E		14 41							
			E		54							
8			P	19 15	55						138	
			L		15 56							
			ME		15 54			30				
			MN		15 54		25					
			E		17 42							
10			P	12 45	30							
			L		45 41							
			ME		45 42	0.7		335				
			MN		45 43	0.9	264					
			F		49 53							
3 10			P	27 20	40						119	
			L		30 56							
			ME		30 58			9				
			MN		30 58		8					
			F		31 18							

No. 29 from 10 July to 12 1926

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	129
A_E :	3.0	3.2	0.0001	177
A_Z :	16.1	-	0.0001	30

Omori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
154	10	July	P	2	16	0 4					119	
			L		16	2 4						
			MN		16	3 0		17				
			ME		16	3 8			14			
			F		21	2 5						
155	12		eP	4	28	1 8						
			eL		28	3 4						
			ME		28	3 6				7		
			MN		28	37			6			
			F		30	25						
156			P	4								
			L		34	47						
			MN					1.1	9			
			ME		34	50		0.9		8		
			F		35	58						
157	12		P	2	45	22						
			L		45	36						
			ME		45	44		1.4		25		
			MN		45	46		1.1	27			
			F		49	42						
158	12		P	3	02	02						
			L		02	11						
			ME		02	12		-		8		
			M N		02	12		-	7			
			F		06	41						
159	12		P	3	37	13						
			eL		37	26						
			ME		37	37	1.1			11.		
			MN		37	37	0.9	9				
			F		42	15						
160	12		P	4	31	06						
			eL		31	22						
			M E		31	43	1.4			23		
			M N		31	44	1.3	21				
			F		36	25						

No. from to

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ϵ	$\frac{r}{T^2}$	V
	A_N :	3.0	3.2	0.001	117
	A_E :	3.0	3.2	0.001	129
Omori	AE	16.1	-	0.001	20
	Az :				

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N	A_E	Az	km.	
161	12	Nov	P	6	02	0	4	μ	μ	μ		
			L		02	21						
			ME		02	38	0.9		17			
			MN		02	41	1.1	15				
			F		06	21						
162	12		P	3	49	14						
			L		49	31						
			M	?								
			F	—								
163	13		P	8	11	32						
			L	11	47	47						
			ME		12	49	1.7		400			
			M N		12	48	1.4	385				
			F		27	15						
164	13		P	13	33	21						
			L		33	34						
			MN		33	54	1.4	11				
			ME		33	54	-		9			
			e F		37							
165	14		P	LL	1	31						
			L		1	59						
			M N		2	2	1.4	18				
			ME		2	7	-		21			
			eF		7							
166	14		P	14	24	02						
			L		24	15						
			M N		24	16	1.1	11				
			ME		24	16	-		10			
			F		25	51						

No. 51 from 1922 Aug. 16 to 1922 Dec. 31

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.001	117
A_E :	3.0	3.2	0.001	129
A_Z :	16.1	-	0.001	20

On or 1

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
167	16	Nov	P	19	18	26						
			eL		19	36						
			ME		19	37	-		8			
			MN		19	37	-	7				
			F		21	11						
168	18		P	15	40	5 7						
			L		41	39						
			ME		41	40	-		-5 4			
			MN		41	42	-	49				
			F		43	10						
169	20		P	9	35	32						
			L		55	47						
			MN	?								
			ME									
			OF		45							
170	20		P	12	19	02						
			L		19	53						
			MN		19	5[illegible]	1.0	325				
			[illegible] E		19	5[illegible]	1.[illegible]		-318			
			MN		20	4[illegible]	3.[illegible]	270				
			ME		20	[illegible]6	2.[illegible]		180			
			OE		20	5[illegible]	3.[illegible]	266				
			OE		20	08	3.[illegible]		-180			
			F		[illegible]							
174	21		P	2	3[illegible]						56	
			L		3[illegible]	4[illegible]						
			MN		3[illegible]	5[illegible]			35			
			ME		3[illegible]	5[illegible]		-31				
			F		4[illegible]	[illegible]6						
172	24		P	4	2[illegible]	2[illegible]					275	
			L		3[illegible]	2[illegible]						
			ME		3[illegible]	2[illegible]	1.1		44			
			MN		3[illegible]	[illegible]7	1.6	43				
			ME		[illegible]	[illegible]	[illegible]		44			

No. 51 from to

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.001	117
A_E :	3.0	3.2	0.001	129
A_Z :	16.1	-	0.001	20

Om or i

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
167	16	Nov	P	19	18	26						
			eL		19	36						
			ME		[illegible]	37	-		8			
			MN		19	37	-	7				
			F		21	11						
168	18		P	15	40	5 7						
			I		41	39						
			ME		41	40	-		-5	4		
			MN		41	42	-	49				
			F		43	10						
169	20		P	9	35	32						
			L		35	47						
			MN	?								
			ME									
			OF		45							
170	20		P	12	19	02						
			L		19	33						
			MN		19	5[illegible]		1.0	325			
			[illegible] E		19	5[illegible]		1.1		-318		
			MN		20	4[illegible]		3.3	270			
			ME		20	5[illegible]		2.3		180		
			OE		20	5[illegible]		2.2	266			
			OE		20	58		3.1		-180		
			F		21	18						
171	21		P	2	3	37						56
			I			39						
			MN		57	50		1.4		35		
			M		57	50			-31			
			F		41	56						
172	24		P	4	7	2[illegible]						275
			L		7	2[illegible]						
			ME		8	2[illegible]		1.1		44		
			MN		8	2[illegible]		1.6	43			
			OE		8	3[illegible]		1.7		44		

No. 32 from ... to ...

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :	16.1	-	0.001	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
173	23	Nov	P	1 4	03	33					142	
			L		3	52						
			M N		3	57	1.7	49				
			ME		3	57	1.6		-51			
			F		7	48						
174	25		P	1 8	28	30					111	
			L		28	45						
			ME		28	46	-		48			
			MN		28	46	-	10				
			F		40	33						
175	27		P	1 2	40	16					109	
			L		40	31						
			ME		40	32	1.2		-13			
			MN		40	32	0.9	17				
			F		43	15						
176	28		P	2	36	53						
			e L		37	05						
			ME		37	30	0.6		11			
			MN		37	33	-	9				
			F		42	10						
177	28		P	3	37	42						
			L		38	03					156	
			M E		38	17	1.8		-34			
			MN		38	19	1.7	-32				
			ME		39	0 3	1.9		-31			
			MN		39	04	1.6	29				
			F		44	55						

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35°\ 41'\ 06''$ $\lambda = 139°\ 45'\ 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{T}{T_0^2}$	V
	3.0	3.2	0.0001	117
A_N :	3.0	3.2	0.0001	m129
A_E :				
Omori AE	16.1	-	0.001	20
A_Z :				

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N	A_E	A_Z		
178	29	Nov	P	9	24	20		μ	μ	μ	km. 63	
			L		24	49						
			M E		24	49	-	20				
			MN		24	49	-	-14				
			F		25	23						
179	29		P	15	53	13					99	
			L		53	31						
			MN		53	32	-	11				
			ME		53	32	-		-21			
			F		54	51						
180	30		P	7	24	35					183	
			S		24	45						
			L		25	00						
			MN		25	06	0.6	43				
			ME		25	06	0.6		45			
			MN		25	26	2.4	-62				
			ME		25	27	2.5		34			
			C		27	25	2.6		-43			
			F		34	14						
181	31		P	14	02	05					300	
			S		02	39						
			L		02	44						
			M E		02	49	1.3		-13			
			M N		02	49	1.2	12				
			F		07	18						

No. 34 from 3 Aug to 15 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
	A_N :	3.0	3.2	0.0001	117
	A_E :	3.0	3.2	0.0001	120
Omori	AE :	16.1	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
185	3	Aug	eP	3	09	34						
			L	?								
			MN		15	14	2.3	5				
			ME		15	46	2.1		-6			
			F		16	24						
186	6		P	18	32	08						
			L		32	13						
			MN		32	16	0.6	168				
			ME		32	16	0.5		155			
			CE		33	47	2.4		64			
			CN		33	49	2.2	59				
			F		35	14						
187	8		P	3	40	00					84	
			L		40	11						
			MN		40	12	-	6				
			ME		40	12	-		4			
			F		42	41						
188	13		P	16	32	03					49	
			L		32	10						
			MN		32	10	-	11				
			ME		32	14	-		9			
			F		34	15						
189	15		P	1	57	05					252	
			L		57	39						
			MN		57	53	1.4	48				
			ME		57	54	1.5		49			
			MN		58	52	1.8	-38				
			ME		59	04	1.9		36			
			CN		59	04	2.1	28				
			CE	2	00	41	2.1		-26			
			F		10	13						

No. 35 from 8 Aug to 17 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
	A_N:	3.0	3.2	0.0001	117
	A_E:	3.0	3.2	0.0001	129
Omori	A_Z:	16.1	-	0.001	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
190	15	Aug	P	8	25	55						
			S		29	25						
			L		31	28						
			[illegible]		34	15	5.5		50			
			[illegible]		37	23	6.1		30			
			CE		44	51	6.3		-20			
			F	9	28	24						
191	15		P	11	51	15						
			L		51	50						
			[illegible]E		51	51	0.6		38			
			MN		51	51	0.8	37				
			[illegible]		52	19	1.1		-44			
			[illegible]N		52	19	1.2	45				
			[illegible]E		52	25	2.0		32			
			[illegible]N		52	24	2.1	-30				
			C		52	45	2.5		20			
			F		57	51						
192	16		P	17	27	39						
			L		28	04						
			[illegible]		28	12	2.3		-11			
			MN		28	09	2.6	10				
			F		33	15						
193	17		P	2	44	42						
			L		46	57						
			MN		44	57	-	10				
			ME		44	58	-		8			
			F		48	14						
194	17		P	7	45	14						519
			L		46	24						
			MN		46	25	1.6	-13				
			ME		46	25	1.3		-14			
			MN		46	49	1.8	12				
			ME		46	58	1.9		10			
			F		56	16						

No. 36 from 18 Aug to 30 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori A_Z AE	16.1	-	0.001	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
195	18	Aug	P		22	27						
			L		22	39						
			MN		22	39	-	-14				
			ME		22	39	-		16			
			F		25	28						
196	20		P	23	01	45					52	
			L		01	52						
			MN		01	53	0.7	8				
			ME		01	53	0.6		-9			
			eF		14	58						
197	21		eP	8	13	37						
			L		13	45						
			MN		13	46	1.3	7				
			ME		13	47	1.4		-6			
			eF		16	40						
198	22		P	1	27	31						
			L		27	41						
			ME		27	42	-	10				
			MN		27	42	-		-9			
			F		28	58						
199	26		P	18	10	11						
			L		10	18						
			ME		10	19	-		5			
			F		11	45						
200	26		P	23	07	23						
			eS		08	52						
			L		15	06						
			M		?							
			CE		16	15	4.3		5			
			F		35	25						
201	30		P	3	21	07						
			eL		21	11						
			ME		21	12	-		5			
			F		22	31						

No. 37 from 4 Sept to 9 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori A_Z:	16.1	-	0.001	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
202	4	Sept	P	20	45	08					139	
			L		45	27						
			ME		45	39	2.1	10				
			ME		45	28	2.4		-10			
			F		49	11						
203	6		P	4	40	44						
			L		40	57						
			MN1		41	05	-	107				
			ME1		41	02	0.7		98			
			MN2		42	26	0.9	40				
			ME2		42	26	1.9		65			
			CN		44	04	2.7	-13				
			CE		44	05	2.3		-13			
			F		51	54						
204	7		P	20	47	29						
			L		47	30						
			MN		47	31	-	5				
			ME		47	31	-		4			
			F		49	31						
205	7		P	21	54	12					408	
			L		55	07						
			MN		55	07	0.7	18				
			ME		55	09	0.6		-17			
			CE		57	11	0.9		2			
			CN		57	12	0.8	3				
			F	22	03	10						
206	8		eP	1	57	46						
			eS	2	01	21						
			eL		07	47						
			M		?16	24	3.8		11			
			eF		58							
207	9		P	6	14	17					52	
			L		14	24						
			MN		14	24	-	8				
			ME		14	25	0.4		-23			
			F		15	48						

No. 38

from to

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
A_Z:	16.1	-	0.001	20

Omori

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N	A_E	A_Z	km.	
208	9	Sept	P	15	49	08						
			L		49	15						
			MN				-	-7				
			ME		49	16	-		7		52	
			F		51	22						
209	10		P	22	12	48					126	
			L		13	05						
			MN		13	05	0.3	26				
			ME		13	05	0.4		22			
			F		15	17						
210	16		P	15	09	46					750	
			S		10	35						
			L		11	17						
			ME1		11	28	1.2		184			
			MN1		11	28	1.6	186				
			ME2		11	30	1.2		-189			
			MN2		11	30	1.2	180				
			ME3		12	40	1.6		175			
			MN3		12	40	1.3	177				
			CE1		13	23	1.6		-145			
			CN1		13	25	1.7	140				
			CE2		14	14	1.8		92			
			CE3		14	50	2.0		85			
			CN4		15	48	2.1		50			
			CE5		16	40	1.6		-20			
			F		25	28						
211	19		P	3	23	25					70	
			L		23	45						
			IE		23	45	0.4		-45			
			MN		23	46	0.4	6				
			C		24	21		2				
			F		27	45						
212	20		P	14	49	19						
			S		58	23						
			L	15	09	47						
			ME		11	01	20.1		26			
			MN		11	01	21.1	25				

No. 23 from 20 Sept. to 25 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	5.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
$A_{Z(N)}$	16.1	-	0.001	20

Omori

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
			CN	15	39	20	8.6	12				
			F	16	50							
213	20	Sept	P	20	27	26						
			L		28	43						
			ME		29	28	3.4		200			
			MN		29	29	3.0	175				
			ME		31	34	3.0		110			
			MN		31	35	2.5	90				
			C		33	35	3.0		70			
			C		35	54	2.5		50			
			F		41	25						
214	21		P	17	45	25						
			S		47	35						
			L		51	33						
			MN		53	18	10.3	17				
			ME		53	21	11.1		18			
			C	18	04	12	6.4	9				
			F		48							
215	21		eP	7	19	20						
			L		19	45						
			MN		19	51	2.8	11				
			ME		19	52	2.7		- 12			
			MN		21	16	2.0	8				
			ME		20	42	2.1		10			
			C		22	56	2.4		5			
			F		30	17						
216	23		P	5	36	46						
			S		38	30						
			L		42	52						
			ME		42	58	4.1		12			
			MN		43	00	4.7	11				
			C		49	11	3.0	5				
			F		55							

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.1	0.0001	117
A_E:	3.0	3.1	0.0001	129
Omori A_E:	16.1	-	0.001	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
217	2_3	Sept	eP	19	39	57						
			eF	20	06							
218	26		P	6	25							
			L		25	07					54	
			MN		25	08	-	10				
			ME		25	08	-		8			
			F		28	19						
219	27		P	5	31	59						
			S ?									
			L									
			eF	5	40							
220	27		P	10	31							
			L		31	52						
			MN		31	54	1.5	11				
			ME		31	55	1.7		9			
			F		35							
221	27		P	13	14	14						
			L		14	26						89
			MN		14	27	0.3	13				
			ME		14	28	-		15			
			F		17	12						

No. 41 from 3 Oct to 12 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	5.2	0.0001	117
A_E:	.0	5.2	0.0001	129
Omori A_Z: AE	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
222	3	Oct	P	16	17	20					51	
			L		17	27						
			MN1		17	33	0.3	-4				
			MN2		17	51	0.4	-8				
			ME1		17	33	0.4		-4			
			ME2		17	52	0.5		-8			
			C		18	33	0.7		5			
			F		23	25						
223	3		P	17	08	27					64	
			L		09	36						
			ME		09	36	-		15			
			MN		09	36	0.4	-19				
			F		11	48						
224	7		P	9	48	47						
			eL		48	56						
			ME		48	56	-		25			
			MN		48	56	-	-28				
			F		50	45						
225	8		P		22	15						
			L		22	31						
			ME		22	32	1.0	65				
			MN		22	33	1.1		58			
			C		23	57	1.0		20			
			F		26	10						
226	12		P	19	10	29					116	
			L		10	45						
			ME		10	47	0.3		9			
			MN		10	51	-	13				
			F		15	12						

No. 422 from 13 Oct to 19 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	1.7
A_E:	3.0	3.2	0.0001	129
Omori A_E	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
227	13	Oct	P	5	07	0:					72	
			L		07	11						
			MN		07	11	-	51				
			ME		07	15	-		62			
			F		11	15						
228	14		P	19	33	31					68	
			L		33	40						
			MN		33	40	0.8	-147				
			ME		3	49	1.0		171			
			CN		34	04	1.0	69				
			CE		34	04	0.9		-1			
			F		38	25						
229	18		P	9	14	35					213	
			S		15	31						
			L		16	8						
			MN		16	40	2.7	176				
			ME		16	41	2.1		184			
			N		18	36	2.1	241				
			ME		18	39	2.6		244			
			N		19	58	2.7	2[illegible]				
			ME		19	59	2.4		207			
			C		22	55	3.5	198				
			C		23	56	3.7		163			
			F	20	[illegible]	0						
230	19		P	18	24	51						
			S		25	58						
			L		30	14						
			MN		29	16	-	24				
			ME		29	17	-		-5			
			C		29	47	-	5				
			C		29	42	-		-			
			F		33	24						

No. from 20 Oct to

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
Omori	A_N:	3.0	3.2	0.0001	117
	A_E:	3.0	3.2	0.0001	129
	A_E:	17.7	-	0.007	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
231	20	Oct	Sp	10	07	56						
			eS		09	08						
			eL		10	42						
			ME		11	27	3.4		-14			
			MN		11	31	3.6	20				
			eF		38	36						
232	20		P	23	59	48					68	
			L		59	57						
			MN		59	57	-	35				
			ME		59	58	-		31			
			F	24	05	25						
234	22		P	14	29	44					98	
			L		29	57						
			ME		29	57	0.8		-74			
			MN		29	57	0.5	65				
			ME		30	15	1.9		33			
			MN		30	16	2.0	24				
			F		35	24						
235	24		P	12	58	04					264	
			S		58	19						
			L		58	40						
			MN		58	45	-	28				
			ME		58	46	-		-29			
			MN		58	54	-	43				
			ME		58	56	0.4		-47			
			MN		59	23	0.9	-40				
			ME		59	24	0.9		-30			
			ME	13	00	40	2.2		-46			
			MN		00	19	2.4	33				
			CE		01	11	1.9		19			
			CN		01	11	1.9	-17				
			F		15	44						

No. 44 from 25 Oct to 30 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	5.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori: AE	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
236	25	Oct	P	12	42	50					163	
			L		43	12						
			ME		43	12	0.3		31			
			MN		43	14	0.4	-29				
			F		45	54						
237	28		eP	7	31	05						
			eF	8	17	22						
238	28		eP	13	10	12						
			EF		51	10						
239	30		P	23	58	30					61	
			L		58	38						
			MN		58	38	-	10				
			ME		58	38	-		-9			
			F	24	01	50						

No. from to 8 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori A_{AE}	17.7	-	0.007	30

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month		h	m	s	s	A_N μ	A_E μ	A_Z μ	km.	
240	4	Noven	P	13	28	08					104	
			L		28	22						
			MN		28	23	0.1	-7				
			ME		28	2[illegible]	0.2		8			
			F		[illegible]1	00						
241	5		P	4	38	05					394	
			S		[illegible]8	32						
			L		38	58						
			MN		39	29	1.8	-25				
			ME		39	38	2.1		21			
			MN		40	[illegible]4	2.8	16				
			M[illegible]		40	42	2.1		18			
			[illegible]E		41	09	2.2	13				
			CN		42	11	2.0	8				
			CE		42	12	2.1		7			
			F		47	10						
242	8		P	9	10	52					208	
			L		11	20						
			MN		11	34	0.4	-20				
			ME		11	35	0.5		18			
			MN		12	27	0.8	25				
			ME		14	51	0.7		27			
			C[illegible]		14	55	1.2					
			CE		14	58	1.1		7			
			F		16	35						
243	8		P	17	38	09					200	
			L		38	36						
			MN		38	[illegible]8	0.7	415				
			ME		38	39	0.6		450?			
			MN		38	49	0.8	240				
			M[illegible]		38	49	0.6		-185			
			CN		39	58	0.8	-18				
			C[illegible]		40	05	0.9		20			
			F		[illegible]8	45						

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :	17.7	-	0.007	20

Omori

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
244	10	Noven	P	19	06	54						
			L		07	01					52	
			MN		07	01	-	10				
			ME		07	02	-		9			
			F		09	20						
245	11		eP	11	05	06						
			eL		09	00						
			MN		09	14	-	11				
			ME		09	19	-		10			
			F		10	10						
246	16		eP	5	56	34						
			eF	6	20							
247	24		P	16	09	59						
			L		10	06						
			MN		10	06	-	8				
			ME		10	06	-		9		48	
			F		13	15						
248	28		P	1[illegible]	02	15						
			L		02	38					171	
			ME		02	39	0.2		-34			
			MN		02	40	0.4	31				
			F		06	11						
249	28		P	13	02	34						
			L		02	45						
			MN		02	47	-	35			82	
			ME		02	47	-		-24			
			F		06	55						
250	29		P	8	38	00						
			eL		38	29						
			MN		38	31	-	7				
			ME		38	32	-		-6			
			F		4	10						

No. 47 from 2 December to 1926

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori A_Z:	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
351	2	Dece	P	4	45	07					70	
			L		45	57						
			MN		45	57	-	+9				
			ME		45	57	-		-8			
			F		48	43						
352	2		P	23	40	24					138	
			S		40	35						
			L		40	50						
			MN		-		3.8	12500				
			ME		-		3.8		11400			
			F		46	10						
353	4		P	1	08	46						
			eL		09	14						
			MN		09	17	1.8	20				
			ME		09	18	2.4		18			
			F		14	24						
354	4		P	18	44	41					67	
			L		44	50						
			E		44	51	-	776				
			MN		-							
			F		51	38						
355	4		P	19	41	04					48	
			L		41	11	-					
			MN		41	11	-	11				
			ME		41	11	-		12			
			F		44	10						
356	7		P	4	08	38						
			L		09	02					178	
			MN		09	05	1.8	13				
			ME		09	05	1.9		20			
			MN		09	30	2.4	-14				
			ME		09	30	2.1		19			
			P		12	24						

No. 18 from 8 December to 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulúm.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
A_Z :				
Omori AE	17.7	-	0.007	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
25	8	Decem	P	2	04	21						
			L		04	50					218	
			MN		04	54	1.8	31				
			ME		04	57	1.9		32			
			MN		07	23	2.1	21				
			ME		07	24	2.2		+18			
			F		10	10						
258	9		P	14	21	34						
			L		21	49					107	
			MN		21	49	-	13				
			ME		21	49	-		-14			
			F		24	54						
259	9		P	15	35	37						
			L		35	44					52	
			MN		35	44	-	13				
			ME		35	46	-		-18			
			F		37	5[illegible]						
26[illegible]	14		P	22	17	30						
			L		17	41					82	
			MN		17	41	-	33				
			ME		17	42	-		-22			
			F		19	5[illegible]						
267	15		P	6	55	07					44	
			L		55	13						
			MN		55	13	-	190				
			ME		55	13	-		-320			
			F		57	24						
269	16		P	2	11	44						
			S		13	42						
			L		16	58						
			MN	?								
			ME	?								
			MN		35	31	5.0	312				
			ME		35	31	5.0		146			
			[illegible]		[illegible]	58	5.7	140				

No. 53 from 27 December to 1920

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N:	3.0	3.2	0.0001	117
A_E:	3.0	3.2	0.0001	129
Omori AE:	17.7	-	0.007	20

No.	Date Day	Date Month	Phase	Time h	Time m	Time s	Period s	Amplitude A_N μ	Amplitude A_E μ	Amplitude A_Z μ	Δ km.	Remarks
266	27	Decem	P	8	20	08						
			L		20	21					37	
			MN		20	24	-	14				
			ME		20	24	-		13			
			F		24	20						
267	27		P	9	19	26						
			L		19	41					115	
			MN		21	00	0.9	202				
			ME		21	01	0.9		208			
268	"		eP		21	25.9						
			L		21	41						
			M ?		-							
			CN		28	27	0.8	124				
			CE		28	28	0.7		130			
			F		42	42						
269	27		P	9	49	54					114	
			L		50	09						
			MN		50	20	1.0	68				
			ME		50	20	1.1		-54			
			MN		51	11	0,7	145				
			ME		51	11	0,8		78			
			MN		52	01	0.6	-76				
			CN		53	07	0.6	34				
			CE		53	08	0.7		15			
			F		56	10						
270	27		eP	11	36	25						
			eL		37	10						
			eMN		37	13	1.0	21				
			eME		37	14	0.9		-40			
			eF		40	00						
271	27		eP	14	53	50						
			eL		54	03						
			MN		54	06	1.1	140				
			ME		54	07	0.9		120			
			F		59	13						

from 23 December to 31

TÔKYÔ JAPAN.

SEISMIC BULLETIN

of the Central Meteorological Observatory of Japan.

$\varphi = 35° 41' 06''$ $\lambda = 139° 45' 04''$ h = 21.3 m Underground :

Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

	T_0	ε	$\frac{r}{T_0^2}$	V
A_N :	3.0	3.2	0.0001	117
A_E :	3.0	3.2	0.0001	129
Omori: A_E / A_Z :	17.7	-	0.007	20

No.	Date		Phase	Time		Period	Amplitude			Δ	Remarks
	Day	Month					A_N	A_E	A_Z		
272	28	Decem	P	5h 27	58	s	μ	μ	μ	km.	
			L	28	24						
			ME	28	28	4.8?	700				
			MN	-	-						
			F	54	10						
273	29		P	10 38	54						
			L	39	26						
			MN	39	28	..	18				
			ME	39	29	-		2[illegible]			
			F	43	11						
274	29		P	22 38	13					134	
			eI.	38	31						
			MN	38	32	0.9	18				
			ME	38	33	1.0		30			
			F	43	45						
275	30		P	2 45	1[illegible]						
			L	45	37					193	
			MN	45	39	1.0	3[illegible]				
			ME	45	41	0.7		28			
			MN	45	49	0.8	2[illegible]				
			ME	45	51	0.9		-20			
			F	51	54						
276	30		P	17 55	38						
			L	55	51					96	
			MN	55	51	1.0	-30				
			ME	55	51	0.8		30			
			CN	56	59	1.0	28				
			CE	57	01	0.[illegible]		-29			
			F	18 06	10						
277	30		P	18 11	24						
			L	11	42					134	
			MN	11	44	1.1	-44				
			[illegible]E	11	46	1.7		-40			
			[illegible]N	11	51	0.9	51				
			[illegible]E	11	52	2.[illegible]		37			

TÔKYÔ JAPAN.

SEISMIC BULLETIN

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Instruments: Wiechert Astatic Inverted Pendulum.
Ômori Horizontal Pendulum.

		T_0	ε	$\frac{r}{T_0^2}$	V
Omori	A_N:	3.0	3.2	0.0001	117
	A_E:	3.0	3.2	0.0001	129
	$A_{Z?}$	17.7	-	0.007	20

No.	Date		Phase	Time			Period	Amplitude			Δ	Remarks
	Day	Month						A_N	A_E	A_Z		
				h	m	s	s	μ	μ	μ	km.	
			MN		12	04	1.9	37				
			ME		12	05	1.8		3			
			F		19	10						
278	30	December	P	19	35	11						
			L		35	20						
			MN		35	31	-	18			74	
			ME		35	31	-		-16			
			F		38	40						