

ANNUAL REPORT
OF THE
METEOROLOGICAL
AND THE
SEISMOLOGICAL OBSERVATIONS
MADE AT THE
INTERNATIONAL LATITUDE OBSERVATORY
OF MIZUSAWA
FOR
THE YEAR 1927.

LATITUDE $39^{\circ} 8' N.$, LONGITUDE $141^{\circ} 8' E.$,
HEIGHT ABOVE MEAN SEA LEVEL 61 METRES.

PUBLISHED BY THE INTERNATIONAL LATITUDE OBSERVATORY
OF MIZUSAWA.

1 9 2 8.

The present report gives the results of the meteorological and seismological observations made at this observatory during the year 1927. No alteration has been made in the nature and methods of observation. The observations and the calculations were made by Messrs. K. Torihata, S. Satô, I. Kumagai, and G. Obata under the superintendence of Dr. T. Ikeda.



The followings are to be noted with respect to the meteorological observations:

Hours of observations—*Japanese Central Standard Time* (i. e. mean time of the meridian 9h east from Greenwich) is adopted.

Air Pressure.—The barometric readings in millimetres are reduced to the freezing point of water, the corrections to sea level and to standard gravity are given at the bottom of the page for each month.

Air and Earth Temperatures.—The degrees are given in Centigrade.

* *Wind*.—The velocity is expressed in metres per second. The direction was observed relative to the sixteen points of the compass.

Cloud.—The amount is estimated by the scale 0-10, the forms are those of the *International classification*, and the direction of motion is indicated relative to the sixteen points of the compass.

Tension of Water Vapour.—is given in millimetres.

Relative Humidity.—is given in percentages.

Precipitation.—The amount is given in millimetres. In the total number of days only those, on which the amount is 0.1mm or more in the day, are reckoned. But all the days, on which snow, hail, or graupel fell, are included without reference to the amount.

Clear and Cloudy Days.—The amount of cloud is less than 2, 2 exclusive, for the former; and more than 8, 8 inclusive, for the latter.

Duration of Sunshine.—is recorded by a Jordan sunshine-recorder.

Amount of Evaporation.—is given in millimetres, for each day,—that is from 10h of the preceding day to 10h of the day in question, according to the instruction of the Central Meteorological Observatory in Tôkyô.

The heights of the meteorological instruments are as follows,

Barometer.—63.1m above sea level.

Air temperature thermometer.—1.7m above the ground,

Anemometer.—15.4m above the ground,

Wind vane.—16.6m above the ground,

* Note: The wind velocity is measured by the Robinson anemometer. Since January first of the year 1925 a new factor for this instrument has been used. The ratio of new factor to the old one is 0.7/1.0.

In recording meteorological phenomena the following symbols are used:—



●	Rain	⊕	Snow drift	○	Cirrus
*	Snow	←	Ice crystal	OS	Cirro-stratus
⚡	Thunder storm	⊙	Solar corona	OK	Cirro-cumulus
⊥	Thunder without lightning	⊕	Solar halo	KO	Cumulo-cirrus
⚡	Lightning without thunder	☾	Lunar corona	SO	Strato-cirrus
△	Grapel	☾	Lunar halo	SK	Strato-cumulus
▲	Hail	⚡	Gales	N	Nimbus
≡	Mist, fog	↷	Rainbow	K	Cumulus
⊥	Hoar frost	☾	Aurora	KN	Cumulo-nimbus
⊥	Dew	∞	Dust haze	S	Stratus
∨	Silver thaw	☒	Snow lying	☞	Wave cloud
~	Glazed frost	⊥	Ice Column in the ground	☾	Zodiacal light

The descriptions of the meteorological instruments are found in the annual reports for the years 1902, 1904, 1905, 1910, and 1916.

The seismological instruments in use are two Omori's horizontal pendulums, of the same type as that described in p. 8 of No. 5, "Publication of the Earthquake Investigation Committee in Foreign Language," one serving to register the EW component, and the other the NS component, of seismological movements.

The time adopted in the Seismological observations is *Greenwich Local Time*.

	EW Component Apparatus	NS Component Apparatus
Period of free oscillation	16 seconds	36 seconds
Multiplication of the pointer	100 times	20 times
Weight of heavy cylinder	45.0 kilograms	17.6 kilograms
Horizontal distance of the centre of the cylinder from the point of support	20 Centimetres	75 Centimetres
Vertical distance between the points of support and of suspension	104 Centimetres	104 Centimetres

July, 1928

H. Kimura, *Rigakuhakushi*

Director of the International Latitude Observatory
in Mizusawa.

SEISMOLOGICAL OBSERVATIONS

TABLE A.
(Earthquakes)

No.	Date 1927	P				S				L				Duration of Total Earthquake (mean)	Maximum Range of Motion			Character of Motion	Intensity	Remarks
		E	W	N	S	E	W	N	S	E	W	N	S		E	W	N			
1	Jan. 6	h	m	S	m	S	m	S	m	S	m	S	m	S	m	mm	mm			
2	7	20	?		—	—	49	06	—	—	—	—	—	—	?	0.01	—	Slow	Feeble	
3	7	5	08	20	—	—	03	40	—	—	—	—	—	—	3.4	0.01	—	"	"	
4	8	22	10	51	10	51	11	22	11	23	—	—	—	—	6.3	0.30	0.26	"	"	
5	8	11	24	36	—	—	25	00	—	—	—	—	—	—	4.1	0.01	—	"	"	
	8	11	39	55	39	54	40	17	40	17	—	—	—	—	6.3	0.07	0.11	"	"	
6	8	16	48	17	48	18	48	47	48	47	—	—	—	—	5.0	0.03	0.04	"	"	
7	8	21	39	05	39	04	39	09	39	09	—	—	—	—	3.2	0.05	0.07	Quick	Weak	Felt
8	9	0	57	35	57	36	57	59	58	01	—	—	—	—	3.8	0.02	0.01	Slow	Feeble	
9	9	7	12	10	12	09	12	34	12	32	—	—	—	—	4.9	0.03	0.02	"	"	
10	10	0	52	39	?		53	04	53	04	—	—	—	—	3.1	0.03	0.01	"	"	
11	10	9	11	51	11	51	12	10	12	10	—	—	—	—	4.4	0.17	0.12	"	"	
12	11	4	53	00	—	—	53	26	—	—	—	—	—	—	2.8	0.01	—	"	"	
13	14	8	35	49	35	51	36	07	36	07	—	—	—	—	6.8	0.17	0.11	"	"	
14	15	14	32	50	—	—	34	01	—	—	—	—	—	—	10.4	0.15	—	"	"	
15	16	10	10	30	—	—	10	57	—	—	—	—	—	—	3.9	0.06	—	"	"	
16	17	21	58	38	58	38	?		58	52	—	—	—	—	21.1	?	7.20	Quick	Weak	Felt
17	21	9	42	43	—	—	43	00	—	—	—	—	—	—	2.1	0.01	—	Slow	Feeble	
18	21	11	01	39	—	—	02	06	—	—	—	—	—	—	3.3	0.01	—	"	"	
19	24	0	?		—	—	43	51	—	—	—	—	—	—	?	0.01	—	"	"	
20	24	1	16	17	16	16	24	32	24	30	?		32	30	59.8	?	0.07	"	"	
21	25	19	22	54	—	—	23	11	—	—	—	—	—	—	7.7	0.05	—	Quick	Weak	Felt
22	31	0	27	49	—	—	30	19	—	—	—	—	—	—	?	?	—	Slow	Feeble	
23	Feb. 1	18	05	08	05	07	11	55	11	53	?		18	29	?	?	0.03	"	"	
24	2	4	33	29	?		33	52	33	53	—	—	—	—	7.4	0.05	0.05	"	"	
25	3	3	?		?		57	17	57	23	?		60	31	?	?	0.10	"	"	
26	3	4	?		?		56	13	?		?		59	19	?	?	0.01	"	"	
27	4	2	59	29	?		59	49	59	49	—	—	—	—	7.3	0.02	0.01	"	"	
28	4	16	23	29	—	—	23	49	—	—	—	—	—	—	3.0	0.00	—	"	"	
29	8	12	34	20	—	—	34	40	—	—	—	—	—	—	4.0	0.02	—	"	"	
30	9	5	36	52	—	—	38	09	—	—	—	—	—	—	3.9	0.07	—	"	"	
31	10	19	38	19	—	—	38	33	—	—	—	—	—	—	3.9	0.01	—	"	"	
32	11	16	19	20	—	—	19	36	—	—	—	—	—	—	2.3	0.01	—	"	"	
33	16	1	38	08	38	09	40	12	40	13	?		42	43	?	?	1.30	"	"	
34	16	2	59	16	?		61	22	61	20	?		?		?	?	0.71	"	"	
35	16	8	39	29	?		41	27	41	27	?		43	42	?	?	0.05	"	"	
36	16	11	55	26	?		57	34	57	34	?		59	58	?	?	0.04	"	"	
37	16	14	00	48	—	—	02	48	—	—	—	—	—	—	?	?	—	"	"	
38	17	7	52	44	—	—	53	49	—	—	—	—	—	—	?	?	—	"	"	
39	19	12	01	23	?		02	33	02	31	—	—	—	—	6.2	0.01	—	"	"	
40	22	19	55	44	?		59	15	59	14	62	41	62	43	6.0	0.02	0.02	"	"	
															?	?	0.03	"	"	
41	22	22	05	03	—	—	06	05	—	—	—	—	—	—	4.2	0.02	—	"	"	
42	23	6	34	14	?		34	40	34	42	—	—	—	—	4.9	0.02	0.01	"	"	
43	24	1	40	26	40	26	40	44	40	44	—	—	—	—	4.9	0.02	0.02	"	"	
44	25	9	05	56	—	—	06	44	—	—	—	—	—	—	4.1	0.01	—	"	"	
45	25	23	54	52	?		56	13	56	14	—	—	—	—	8.2	0.04	0.03	"	"	
46	26	0	49	56	?		50	07	50	07	—	—	—	—	4.2	0.02	0.01	"	"	
47	26	14	?		—	—	13	12	—	—	—	—	—	—	?	0.01	—	"	"	
48	27	2	39	28	—	—	40	34	—	—	—	—	—	—	4.0	0.01	—	"	"	
49	27	3	05	32	—	—	06	35	—	—	—	—	—	—	7.9	0.01	—	"	"	
50	Mar. 1	10	06	54	—	—	07	18	—	—	—	—	—	—	4.2	0.01	—	"	"	
51	1	11	16	47	—	—	16	59	—	—	—	—	—	—	3.1	0.01	—	"	"	
52	31	1	13	58	13.9		18	19	18	21	?		22	52	25.3	?	0.13	"	"	
53	3	7	?		—	—	56	16	—	—	—	—	—	—	?	0.01	—	"	"	
54	3	16	52	46	52.9		54	30	54	32	?		?		?	?	?	"	"	
55	4	16	48	11	—	—	48	43	—	—	—	—	—	—	23.6	?	?	"	"	
															7.6	0.02	—	"	"	

TABLE A.
(Earthquakes)

No.	Date 1927	P				S				L				Duration of Total Earthquake (mean)	Maximum Range of Motion			Character of Motion	Intensity	Remarks
		E	W	N	S	E	W	N	S	E	W	N	S		E	W	N			
56	Mar. 7	h	m	S	m	S	m	S	m	S	m	S	m	mm	mm		Slow	Feeble		
57	10	9	29	12	29	12	?		30	30	—	—	?	?	?	Slow	Feeble			
58	10	0	10	41	?				10	59	—	—	?	0.05	0.05	"	"			
59	16	0	15	13	—	—	?		—	—	—	—	?	0.01	—	"	"			
60	16	6	53	15	53	15	53	35	53	37	—	—	11.6	?	3.15	Quick	Weak	Felt		
	16	7	47	00	—	—	47	44	—	—	—	—	3.4	0.01	—	Slow	Feeble			
61	17	21	38	39	—	—	39	04	—	—	—	—	5.1	0.01	—	"	"			
62	19	19	52	22	52	24	52	41	52	41	—	—	7.0	0.16	0.20	Quick	Weak	Felt		
63	20	9	49	00	—	—	49	24	—	—	—	—	3.7	0.01	—	Slow	Feeble			
64	22	13	33.5		?		34	03	34	06	—	—	?	0.02	0.02	"	"			
65	23	11	01	17	?		01	35	01	39	—	—	3.3	0.02	0.02	"	"			
66	30	7	48	31	—	—	48	49	—	—	—	—	5.1	0.01	—	"	"			
67	31	21	10	10	—	—	11	22	—	—	—	—	12.1	0.06	—	"	"			
68	Apr. 1	13	01	14	—	—	01	38	—	—	—	—	4.1	0.01	—	"	"			
69	1	19	16	48	16	50	19	30	19	25	—	—	7.3	0.01	0.01	"	"			
70	1	19	24	20	?		25	26	25	29	—	—	6.2	0.01	0.07	"	"			
71	3	13	49	14	—	—	50	47	—	—	—	—	7.4	0.01	—	"	"			
72	4	4	58	56	58	57	59	06	59	06	—	—	13.5	0.51	0.51	Quick	Weak	Felt		
73	7	7	?		?		16	46	16	47	—	—	?	0.02	0.02	Slow	Feeble			
74	7	18	?		—	—	36	40	—	—	—	—	?	0.02	—	"	"			
75	10	2	45	57	—	—	46	05	—	—	—	—	3.5	0.02	—	"	"			
76	12	20	15	31	?		16	11	16	15	—	—	4.6	0.03	0.01	"	"			
77	12	23	36	27	—	—	36	44	—	—	—	—	3.3	0.01	—	"	"			
78	14	0	13	23	?		13	39	13	41	—	—	3.3	0.02	0.01	"	"			
79	14	6	43	18	?		43	49	43	47	—	—	?	0.03	0.02	"	"			
80	16	13	30	08	—	—	31	03	—	—	—	—	3.7	0.01	—	"	"			
81	18	2	58	45	58.8		59	05	59	08	—	—	?	0.07	0.06	"	"			
82	18	3	05	27	—	—	05	47	—	—	—	—	?	0.01	—	"	"			
83	19	17	36	08	36	11	40	54	40	57	?		?	?	0.05	"	"			
84	22	10	55	50	55	50	56	33	56	34	—	—	9.6	0.28	0.26	"	"			
85	24	1	13	36	13	36	13	56	13	56	—	—	8.0	0.19	0.19	Quick	Weak	Felt		
86	May 27	19	18	21	18	22	19	46	19	46	?		16.4	?	0.07	Slow	Feeble			
87	2	11	45	56	—	—	46	21	—	—	—	—	4.4	?	—	"	"			
88	8	19	?		—	—	?		—	—	—	—	?	?	—	"	"			
89	8	19	?		?		?		44	12	47	01	?	0.02	?	"	"			
90	9	2	29	48	—	—	30	05	—	—	—	—	3.0	0.02	—	"	"			
91	10	23	?		—	—	34	24	—	—	—	—	?	0.01	—	"	"			
92	13	23	17	09	17.1		17	42	?		—	—	5.8	0.01	?	"	"			
93	13	23	23	22	23.5		?		—	—	—	—	2.9	0.04	?	"	"			
94	14	6	36	39	36	39	36	50	36	50	—	—	8.0	0.41	0.05	Quick	Weak	Felt		
95	15	11	27	49	27	50	27	59	28	00	—	—	5.0	?	?	"	"			
96	16	12	00	37	02.0		?		04	40	06	44	26.0	0.05	0.09	Slow	Feeble			
97	16	18	40	51	40	52	41	20	41	17	—	—	4.8	0.05	0.05	"	"			
98	17	?	?		—	—	?		—	—	—	—	?	0.01	—	"	"			
99	17	21	46	24	46	24	47	18	47	15	48	06	7.8	0.09	0.06	"	"			
100	17	21	?		—	—	?		58	08	—	—	?	?	—	"	"			
101	18	?	?		—	—	?		—	—	—	—	?	0.01	—	"	"			
102	18	21	52	37	—	—	52	58	—	—	—	—	3.0	?	—	"	"			
103	19	19	19	05	19	05	19	52	19	51	—	—	5.5	0.04	0.04	"	"			
104	20	15	35	54	35	59	36	30	36	34	—	—	5.3	0.03	0.03	"	"			
105	20	22	12	10	—	—	12	42	—	—	—	—	3.4	0.01	—	"	"			
106	22	4	30	47	30	50	31	08	31	18	—	—	4.9	0.05	0.04	"	"			
107	22	22	39	00	39	00	42	47	43	00	44	05	?	?	?	"	"			
108	23	16	18	47	18	47	19	01	19	01	—	—	9.8	0.39	0.35	Quick	Weak	Felt		
109	24	22	18	20	18.3		18	34	18	35	—	—	4.2	0.04	0.03	Slow	Feeble			
110	25	3	33.0		—	—	33	16	—	—	—	—	?	?	—	"	"			

TABLE A.
(Earthquakes)



No.	Date 1927	P				S				L				Duration of Total Earthquake (mean)	Maximum Range of Motion				Character of Motion	Intensity	Remarks
		E	W	N	S	E	W	N	S	E	W	N	S		E	W	N	S			
111	May 26	h	m	S	m	S	m	S	m	S	m	S	m	mm	mm		Slow	Feeble			
112	26	20	35	13	?	—	35	26	35	29	—	—	—	3.7	0.03	?	"	"			
113	28	23	?	—	—	—	35	49	—	—	—	—	—	?	?	—	"	"			
114	29	15	09	59	—	—	10	07	—	—	—	—	—	1.3	0.01	—	"	"			
115	31	6	40	50	—	—	41	20	—	—	—	—	—	5.8	0.01	—	"	"			
116	31	7	03	39	—	—	04	01	—	—	—	—	—	2.1	?	—	"	"			
117	June 1	7	40	34	40	58	41	02	?	—	—	—	—	4.0	0.03	?	"	"			
118	3	6	43	58	—	—	44	23	—	—	—	—	—	2.9	0.01	—	"	"			
119	9	7	20	31	20	32	27	17	27	19	33	20	33	56.7	0.36	3.35	"	"	Felt		
120	10	3	24	05	24	06	24	19	24	20	—	—	—	10.5	?	0.43	Quick	Weak			
121	14	18	15	29	?	—	16	57	16	55	—	—	—	5.9	0.04	0.02	Slow	Feeble			
122	14	4	03	54	?	—	05	07	05	07	—	—	—	8.4	0.05	0.04	"	"			
123	17	4	46	20	?	—	47	30	?	—	—	—	—	6.6	0.03	0.02	"	"			
124	17	2	?	—	—	—	08	45	—	—	—	—	—	?	0.01	—	"	"			
125	18	13	13	06	?	—	13	47	13	33	—	—	—	5.2	0.06	0.04	"	"			
126	18	2	28	36	?	—	29	30	29	31	—	—	—	4.0	0.04	0.05	"	"			
127	18	5	?	—	—	—	31	20	—	—	—	—	—	?	0.00	—	"	"			
128	20	11	24	22	—	—	25	16	—	—	—	—	—	4.0	0.01	—	"	"			
129	20	13	58	55	—	—	60	05	—	—	—	—	—	5.9	0.02	—	"	"			
130	20	14	16	58	?	—	18	11	18	08	—	—	—	10.9	0.07	0.06	"	"			
131	21	18	?	—	—	—	25	12	—	—	—	—	—	?	0.01	—	"	"			
132	22	23	?	?	?	23	45	23	45	—	—	—	—	?	0.01	—	"	"			
133	26	18	49	41	?	—	49	55	49	54	—	—	—	2.7	0.09	0.08	"	"			
134	26	12	12	04	—	—	12	20	—	—	—	—	—	2.8	0.01	—	"	"			
135	29	26	14	?	—	—	09	38	—	—	—	—	—	?	?	—	"	"			
136	July 1	21	27	58	—	—	28	11	—	—	—	—	—	2.3	0.01	—	"	"			
137	1	8	31	36	—	—	—	—	—	—	—	—	—	3.3	0.01	—	"	"			
138	3	8	41	51	—	—	31	53	—	—	—	—	—	4.0	0.01	—	"	"			
139	4	8	?	—	—	—	22	52	—	—	—	—	—	?	0.01	—	"	"			
140	8	13	?	?	?	08	53	08	54	—	—	—	—	?	0.01	?	"	"			
141	9	21	11	58	—	—	12	23	—	—	—	—	—	5.4	0.02	—	"	"			
142	11	20	?	—	—	—	13	42	—	—	—	—	—	?	0.01	—	"	"			
143	12	8	09	09	09	11	09	37	09	38	—	—	—	10.1	0.50	0.47	Quick	Weak	Felt		
144	15	21	09	25	09	26	10	29	10	32	—	—	—	24.7	1.07	1.65	"	"	"		
145	18	22	20	39	?	—	21	01	21	01	—	—	—	3.0	0.02	0.02	Slow	Feeble			
146	21	0	?	—	—	—	49	05	—	—	—	—	—	?	?	—	"	"			
147	23	1	13	49	—	—	—	—	—	—	—	—	—	6.5	0.02	—	"	"			
148	27	17	21	46	?	—	14	33	—	—	—	—	—	13.8	0.16	0.02	"	"			
149	29	14	53	04	53.6	—	22	08	22	07	—	—	—	10.1	0.10	0.10	"	"			
150	30	?	?	—	—	—	54	07	54	11	—	—	—	?	0.01	—	"	"			
151	Aug. 3	14	19	08	19	07	19	35	19	36	—	—	—	11.7	0.58	0.60	Quick	Weak	Felt		
152	4	11	45	12	45	18	19	35	19	36	—	—	—	6.7	0.10	0.12	Slow	Feeble			
153	4	15	?	—	—	—	45	43	45	51	—	—	—	?	0.01	—	"	"			
154	4	16	?	—	—	—	55	54	—	—	—	—	—	?	0.02	—	"	"			
155	5	17	13	—	—	—	17	13	—	—	—	—	—	?	?	?	"	"	Felt		
156	5	21	13	26	13	26	?	?	13	49	—	—	—	77.7	?	?	Quick	Weak			
157	5	22	?	—	—	—	?	?	—	—	—	—	—	?	?	—	Slow	Feeble			
158	5	22	?	—	—	—	?	?	—	—	—	—	—	?	?	—	"	"			
159	5	23	?	—	—	—	?	?	—	—	—	—	—	?	?	—	"	"			
160	6	23	?	—	—	—	?	?	—	—	—	—	—	?	?	—	"	"			
161	7	9	43	17	—	—	43	48	—	—	—	—	—	2.4	?	—	"	"			
162	7	1	41	06	—	—	41	48	—	—	—	—	—	5.8	0.02	—	"	"			
163	7	3	55	38	—	—	56	05	—	—	—	—	—	4.2	0.02	—	"	"			
164	7	15	54	47	?	—	55	25	?	—	—	—	—	4.3	0.02	0.04	"	"			
165	7	18	41	46	—	—	42	07	—	—	—	—	—	1.8	0.01	—	"	"			
165	8	1	00	21	—	—	02	59	—	—	—	—	—	9.8	?	—	"	"			

TABLE A.
(Earthquakes)

No.	Date 1927	P				S				L				Duration of Total Earthquake (mean)	Maximum Range of Motion			Character of Motion	Intensity	Remarks
		E	W	N	S	E	W	N	S	E	W	N	S		E	W	N			
166	Aug. 8	h	m	S	m	S	m	S	m	S	m	S	m	mm	mm		Slow	Feeble		
167	8	1	16	15	16	14	16	35	16	37	—	—	—	4.6	0.07	0.10	//	//		
168	8	6	16	00	—	—	16	18	—	—	—	—	—	5.7	0.02	—	//	//		
169	8	18	51	39	—	—	51	57	—	—	—	—	—	10.6	0.01	—	//	//		
170	9	19	03	38	—	—	04	09	—	—	—	—	—	2.6	?	—	//	//		
	10	11	43	45	43	51	49	51	49	55	55	02	55	56.2	?	0.70	//	//		
171	10	22	17	52	—	—	18	05	—	—	—	—	—	2.0	0.03	—	//	//		
172	11	2	?		—	—	56	03	—	—	—	—	—	?	0.01	—	//	//		
173	11	14	?		—	—	14	59	—	—	—	—	—	?	?	—	//	//		
174	11	20	?		—	—	54	25	—	—	—	—	—	?	?	—	//	//		
175	12	0	36	22	36	23	38	31	38	29	—	—	—	8.6	0.14	?	//	//		
176	12	0	?		—	—	47	48	—	—	—	—	—	?	0.01	—	//	//		
177	12	17	?		—	—	34	12	—	—	—	—	—	?	0.01	—	//	//		
178	13	21	15	24	—	—	15	59	—	—	—	—	—	3.8	0.02	—	//	//		
179	13	21	50	59	—	—	51	40	—	—	—	—	—	4.3	0.02	—	//	//		
180	14	1	?		—	—	43	21	—	—	—	—	—	?	0.01	—	//	//		
181	14	17	?		—	—	03	43	—	—	—	—	—	?	0.00	—	//	//		
182	15	6	41	42	?		41	54	42	24	—	—	—	7.0	0.03	?	//	//		
183	18	19	29	02	29	02	30	01	30	04	—	—	—	?	?	3.91	//	//		
184	18	20	08	44	09.1		09	32	10	31	—	—	—	?	0.09	0.24	//	//		
185	18	21	?		—	—	10	55	—	—	—	—	—	?	0.01	—	//	//		
186	18	21	?		—	—	37	31	—	—	—	—	—	?	?	—	//	//		
187	19	12	43	59	?		44	30	44	33	—	—	—	7.4	0.04	0.02	//	//		
188	19	18	53	09	?		53	42	53	45	—	—	—	6.5	0.01	0.01	//	//		
189	19	23	18	05	18	07	18	58	20	00	—	—	—	14.7	0.03	0.10	//	//		
190	20	14	?		—	—	43	11	—	—	—	—	—	?	0.01	—	//	//		
191	20	17	?		—	—	45	02	—	—	—	—	—	?	0.01	—	//	//		
192	20	21	36	33	36	36	37	33	37	31	—	—	—	?	0.14	0.25	//	//		
193	20	22	14	24	?		15	44	?		—	—	—	7.7	0.01	0.01	//	//		
194	21	8	07	35	—	—	08	54	—	—	—	—	—	7.9	0.01	—	//	//		
195	21	11	?		—	—	59	05	—	—	—	—	—	?	0.01	—	//	//		
196	23	6	30	29	30	31	33	41	33	13	—	—	—	45.4	0.58	0.75	//	//		
197	23	6	53	59	—	—	54	29	—	—	—	—	—	6.0	0.01	—	//	//		
198	24	5	32	17	—	—	32	53	—	—	—	—	—	4.4	0.01	—	//	//		
199	24	7	48.6		—	—	49	04	—	—	—	—	—	?	0.01	—	//	//		
200	24	8	56	47	56	46	57	20	57	20	—	—	—	28.1	0.67	0.66	//	//		
201	24	15	20.0		20.0		20.8		20.8		—	—	—	?	0.02	0.07	//	//		
202	24	18	05	01	?		05	50	?		—	—	—	6.4	0.02	?	//	//		
203	24	18	13.4		—	—	14	12	—	—	—	—	—	?	0.02	—	//	//		
204	24	18	?		?		?		?		—	—	—	?	0.01	0.15	//	//		
205	24	23	56.6		56.7		57.6		57.8		—	—	—	?	0.02	0.05	//	//		
206	25	0	?		—	—	?		—	—	—	—	—	?	0.00	—	//	//		
207	25	0	24.4		—	—	25	05	—	—	—	—	—	?	0.01	—	//	//		
208	25	0	32	59	—	—	33	42	—	—	—	—	—	5.4	0.01	—	//	//		
209	25	17	00	04	—	—	00	35	—	—	—	—	—	?	0.01	—	//	//		
210	25	17	?		—	—	?		—	—	—	—	—	?	0.00	—	//	//		
211	25	19	37	01	?		37	26	?		—	—	—	5.2	0.05	0.06	//	//		
212	25	20	16	22	16.3		16	50	16	46	—	—	—	10.8	0.10	0.13	//	//		
213	25	20	34	04	—	—	34	30	—	—	—	—	—	3.4	0.02	—	//	//		
214	25	22	29	37	—	—	30	04	—	—	—	—	—	4.4	0.00	—	//	//		
215	26	0	38	19	38	19	38	46	38	48	—	—	—	9.0	0.15	0.21	//	//		
216	26	3	?		—	—	?		—	—	—	—	—	?	0.01	—	//	//		
217	27	12	18	56	—	—	19	37	—	—	—	—	—	3.6	0.01	—	//	//		
218	28	4	?		—	—	55	08	—	—	—	—	—	?	0.02	—	//	//		
219	29	5	34.5		34.5		35	26	35	26	—	—	—	?	0.15	0.11	//	//		
220	29	7	42	29	42	30	43	08	43	08	—	—	—	13.6	0.21	0.22	//	//		

TABLE A. (Earthquakes)



Table with columns: No., Date 1926, P (E, W, N, S), S (E, W, N, S), L (E, W, N, S), Duration of Total Earthquake (mean), Maximum Range of Motion (E, W, N, S), Character of Motion, Intensity, Remarks. Rows 231-275.

TABLE B.

(Pulsatory Oscillations EW Component)



Beginning			Ending			Maximum				Double Amplitude
Date			Date			Date				
Month	Day	Hour	Month	Day	Hour	Day	Hour	Day	Hour	
January	8	0	January	9	4	8	2	8	4	μ
	15	17		16	8	15	23	16	1	10
	18	4		20	1	18	18	18	21	11
February	5	23	February	7	17	6	20	6	23	5
	26	8		28	22	26	10	26	13	5
										6
March	9	0	March	12	9	9	3	10	1	15
	15	3		16	0	15	5	15	9	7
	19	22		21	11	20	5	20	8	5
	26	3		27	5	26	7	26	12	7
April	4	9	April	8	11	5	21	6	11	20
	15	9		17	9	15	19	15	23	8
	20	14		21	16	20	23	21	2	7
May	3	19	May	4	16	4	2	3	6	8
	11	7		11	23	11	9	11	11	5
	14	17		16	3	15	7	15	11	10
	18	1		19	9	18	15	18	18	4
June	17	10	June	18	11	18	1	18	3	6
	24	17		25	9	24	23	25	1	4
	29	17	September	1	13	30	4	30	9	5
September	13	18		15	11	14	21	15	0	8
	18	5		19	0	18	11	18	14	4
	23	0		24	14	23	12	23	15	6
	29	2		30	14	29	19	30	1	9
October	8	17	October	10	6	9	2	9	7	12
	22	3		23	8	22	13	22	17	8
	5	6	November	7	9	6	3	6	7	7
	11	20		14	16	12	3	12	6	10
	16	13		19	11	18	1	18	9	15
	21	21		24	13	22	2	22	6	11
December	2	0	December	4	1	3	2	3	6	12
	6	9		7	1	6	11	6	14	6
	11	0		12	11	12	0	12	5	7
	15	1		15	23	15	9	15	12	9
	16	16		17	7	16	20	16	23	5
	18	13		19	9	18	19	18	23	7
	20	17		22	1	21	5	21	13	10
	23	4		27	1	23	21	24	8	24
	28	11		29	21	28	16	29	0	15