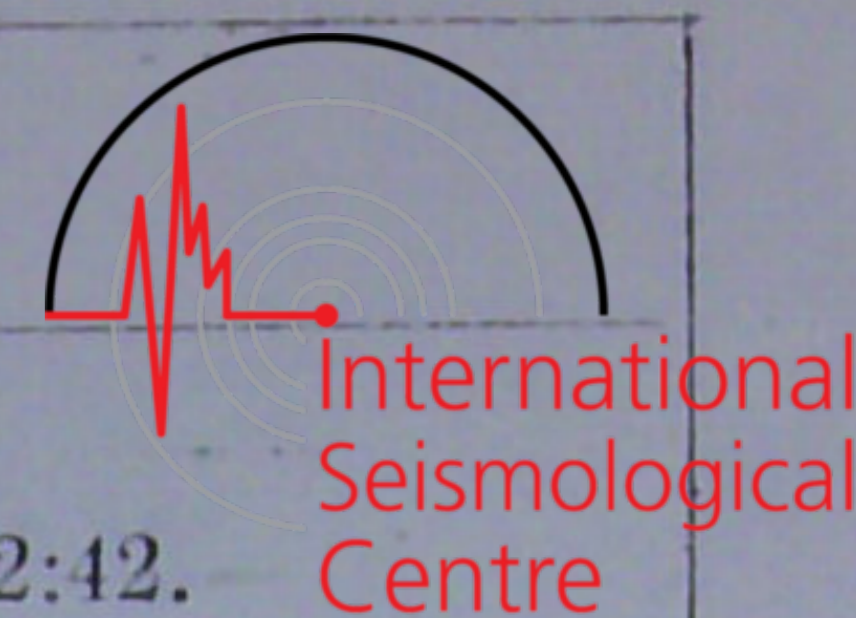


## Register of earthquakes recorded at the Honolulu Observatory—Continued.

No.	Date	First P. T.	P. P.	Maximum	End	Amplitude.	Remarks
		<i>h m</i>	<i>h m</i>	<i>h m</i>	<i>h m</i>	<i>mm</i>	
21	1903. Oct. 17		1 46.3	1 51.8	2 17	0.5	Slight disturbance 2:36 to 2:42.
22	20	2 59.0	3 12.0	3 17.5	4 08	0.6	Second P. T. at 3:06.5.
23	29	14 29.2	14 42.0	14 53.1	16 08	1.5	Second P. T. at 14:37.1.
24	30	4 05.3	4 13.0	4 25.8	5 31	2.5	Slight disturbance 3:49 to 3:53.
25	Nov. 10	21 05.7	21 10.5	21 17.4	22 04	1.5	
26	17	20 37.3	20 55.3	21 01.3	21 31	0.5	Second P. T. at 20:43.8.
27	24	14 09.5	14 15.9	14 17.9	14 47	0.6	
28	Dec. 1	6 58.4	6 59.9	7 05.9	8 08	0.9	Beginning doubtful.
29	5	21 24.2	21 35.0		21 54		Swelling.
30	7		15 28.5	15 33.3		2.8	Beginning and end obscured.
31	10				19 29		Beginning obscured by air tremors.
32	23	1 11.9	1 17.3	1 22.5	3 01	3.0	
33	23	23 41.3	23 46.3		23 58		
34	24		21 31.3		22 11		Swelling.
35	28	3 08.3	3 29.1	3 38.5	4 30		Second P. T. at 3:17.3.
36	1904. Jan. 3		21 49.4	21 52.6	21 57	0.5	Swelling.
37	10	2 55.5	3 13.5	3 19.5	4 02	3.0	Second P. T. at 3:05.5.
38	20	15 04.2	15 14.1	15 16.7		1.6	Typical earthquake. Two distinct maxima.
				15 31.3	17 41	4.4	
39	29	0 19.0	0 41.3	0 44.8	1 25	0.7	Second P. T. at 0:27.2.
40	Feb. 4	21 09.5	21 23.8	21 26.9			Beginning and end obscured.
41	8		5 47.5		6 11		Swelling.
42	18		6 15.2	6 19.8	6 26	0.5	Do.
43	Mar. 1	15 19.7	15 27.7	15 30.1		0.6	End obscured by air tremors.
44	1	16 23.4	16 31.1	16 36.5	17 00	4.0	
45	4		0 11.2		0 33		Swelling.
46	4	10 46.1	11 03.1	11 08.0	11 24	0.5	Do.
47	16		7 52.8	7 53.3		0.8	
				7 57.3		1.0	End obscured by air tremors.
48	16		22 08.8	22 10.3		0.6	
				22 12.8	22 35	0.6	
49	18	14 00.2	14 10.0	14 12.2	14 34	0.5	Swelling.
50	19	6 47.9	7 14.9	7 18.2	9 12	3.8	Typical. Second P. T. at 7:02.0.
51	21	7 09.4	7 10.4	7 14.1	7 50	0.5	Swelling.
52	31		3 02.4	3 10.9	3 40	0.6	Swelling. Beginning indistinct.
53	Apr. 4 <sup>a</sup>	10 39.5	11 04.5	11 32.0	12 53	1.6	Second P. T. at 10:51.8.
54	5	11 00.6	11 04.6	11 15.6	11 48	0.3	
55	12	18 59.6	19 04.4	19 07.4	20 43	2.3	Second P. T. at 19:01.4.
56	14	1 32.2	1 34.7	1 40.3	2 20	0.8	
57	May 1	15 52.0	16 05.4	16 09.6		3.0	Beginning and end indistinct.
58	1	23 42.8	23 55.1	24 00.1	24 30	0.8	
59	14		14 09.1	14 14.4		1.6	Beginning and end obscured.
60	June 4		22 58.5	22 59.0			Local; boom caught by spider web.
61	18	6 17.7	6 28.4	6 32.6	7 42	0.6	
62	24	1 20.4	1 28.4	1 33.9	2 25	2.0	Record indistinct.
63	25		2 41.9	2 50.5	2 58	0.3	Swelling.
64	25	21 08.8	21 15.4	21 15.8		2.6	Slight disturbance 20:13 to 20:24.
				21 18.9		2.0	
				21 21.0		2.0	
				21 22.8		2.5	
				21 27.8		11.4	
				21 32.2	25 03	5.9	
65	26	10 48.0	10 58.6	11 08.5	12 24	2.5	Second P. T. at 10:54.6.
66	27	0 09.8	0 23.1	0 24.7		2.0	Second P. T. at 0:14.6.
				0 29.1		3.0	
				0 30.4		4.9	
				0 31.9		10.1	
				0 37.4	4 00	14.0	
67	July 23	0 44.8		1 14.9	2 04	1.5	
68	24	10 59.8		11 10.3	12 14	1.0	
69	Aug. 8	23 10.3			23 41		
70	18	5 04.6		5 37.6	6 08	0.6	
71	24	21 10.7	21 26.3	21 38.3	24 10	3.0	Second P. T. at 21:19.5.
72	27	22 04.3	22 13.8	22 16.0	25 10	12.3	Second P. T. at 22:10.5.
73	30	12 07.6	12 29.6		12 54		Small. Second P. T. at 12:13.2.
74	Sept. 8	2 36.5		3 12.5	3 44	1.0	
75	11	6 16.1		6 40.3	7 05		Small.

<sup>a</sup> Local earthquake at about 18:05. Instrument not recording at that time.

## Register of earthquakes recorded at the Honolulu Observatory—Continued.

No.	Date	First P. T.		P. P.		Maximum		End	Amplitude	Remarks
		<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>			
	1904.	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>h</i>	<i>m</i>	<i>mm</i>
76	Sept. 13	17	27.7					17	54	Doubtful
77	17	20	03.7					20	34	0.6 Do.
78	19	0	00.2			0	01.2	0	50	1.0
79	19	5	05.6			5	25.6	7	12	1.0
80	Oct. 1	10	34.1					11	13	Very small.
81	2	22	02.4	22	12.7	22	17.1	22	44	0.8
82	3	3	37.9			4	24.6	5	05	1.7 Maximum doubtful.
83	5	19	27.4					20	06	0.6
84	8	19	12.9			19	17.4	19	36	0.6
85	9	14	39.7					14	48	Doubtful.
86	28	14	31.3					15	21	0.5
87	Nov. 21	3	19.4	3	22.7			4	15	Maximum lost. Inspecting instrument.
88	22	1	16.1	1	32.2	1	38.5	2	36	1.7 Second P. T. at 1:24.2.
89	27	7	19.3					7	29	Probably local.
90	Dec. 2	2	08.7			2	53.0	3	17	1.0
91	4	8	18.3					8	57	0.6 Doubtful.
92	11	9	10.1	9	21.7	9	32.7	9	52	0.8
93	19	18	12.6			18	36.8	19	12	0.5
94	20	5	55.8	6	18.3	6	21.8	8	37	5.0 Second P. T. at 6:05.8.
95	23	15	30.6			15	36.3	15	51	1.0
	1905.									
96	Jan. 13	13	27.0	13	47.0	13	54.1			6.5 Beginning and end obscured.
97	15	20	41.8					20	58	0.5 Doubtful.
98	19	22	05.1			22	17.4	22	45	0.5
99	20	23	07.4					23	34	
100	22	2	55.9	3	23.5	3	30.1			2.5 Typical; second P. T. at 3:06.4.
						3	34.3	5	36	3.2
101	Feb. 4	7	22.1					7	28	Swelling.
102	13	5	33.7	5	43.8	5	53.1	6	41	6.4 Second P. T. at 5:40.8.
103	14	8	53.6	8	59.3	9	05.9			4.6
						9	19.9			3.5
						9	36.9	12	03	2.5 End obscured by air tremors.
104	17	12	05.3			12	37.3	13	00	1.2
105	19	4	43.5	4	57.7	5	04.2	7	37	3.9 Second P. T. at 4:53.2.
106	Mar. 4			16	27.4	16	33.8			2.0 Beginning and end obscured.
107	4	18	58.7	19	02.2	19	05.2	19	59	1.3 Possibly part of No. 106.
108	4	23	27.6	23	43.9	23	50.6	26	27	4.7 Typical; second P. T. at 23:35.2.
109	18	12	35.3			12	41.8	12	51	0.5 Swelling.
110	19	0	07.4	0	23.0	0	26.4			9.4 Typical; second P. T. at 0:15.0.
						0	29.4	3	12	4.0
111	22	3	46.5	3	54.1	3	59.5	7	12	10.5 Typical.
112	22			11	25.8	11	32.8	12	08	0.5
113	24			8	55.8	9	13.8	9	25	0.5 Swelling.
114	Apr. 2			1	44.3	1	52.3	2	02	0.6 Do.
115	4	1	04.6	1	15.0	1	35.2			2.5 Typical; second P. T. at 1:08.7.
						1	47.2			4.5
						1	55.5	5	20	8.2
116	17			7	35.2	7	50.0	8	05	0.7
117	19			12	47.0	13	00.0			1.0 Beginning and end obscured.
118	May 4			2	40.7	2	42.1	2	53	3.4 Doubtful. Possibly insect.
119	9			6	58.1	7	05.1	7	29	
120	11			17	25.5	17	40.7	18	07	0.5 Swelling.
121	12			16	15.1	16	18.1	16	25	0.5 Do.
122	15			3	09.7	3	19.5	3	25	0.4 Do.
123	17	23	17.9	23	20.5	23	21.4	24	10	0.6
124	18	13	55.1	14	13.1	14	19.9	16	46	3.9 Typical; second P. T. at 14:03.6.
125	June 2	5	58.4	6	08.9	6	16.7	6	47	1.0
126	5			22	09.5	22	15.0	22	26	0.5
127	6	2	41.3	2	53.2	2	55.5	3	24	0.6
128	9	12	40.4	12	48.1	12	49.3	14	04	0.8
129	12	5	22.2	5	34.3	5	40.5			1.1
						5	49.8	6	21	1.0
130	14	11	39.5	11	46.9	12	01.4			1.0 End obscured by air tremors.
131	29			7	30.3			7	51	Swelling.
132	30			17	31.4	17	36.7	20	32	4.4 Typical; second P. T. at 17:24.4.
133	30			20	25.1	20	28.6	20	56	0.8
134	July 1	1	12.1	1	31.6	1	35.2	2	12	1.2 Second P. T. at 1:23.6.
135	3	0	03.6	0	12.2	0	15.1	0	48	0.7
136	4			0	02.5	0	03.4	0	22	0.1 Very small.

