

大阪地震累年報

Results of the Seismological Observation in Osaka,
for the several years in succession.



月日 Date	發震時 P. m. s.	第一初期 P-S or P-L m. s.	第二初期 S-L m. s.	最大動出現 時 M. h. m. s.	振幅 Amplitude μ	振動期 Period s.	距離 K.M.	震央 Epicenter
VI 3	14 45 36	2 14	—	14 48 58	- 55	2.8	1050	South off the coast of Hokkaido
" 6	14 4 28	—	—	14 15 55	+137	4.3	5750	In the south sea
" 7	7 18 17	1 16	—	7 20 10	- 45	4.6	564	Near Isahaya, Nagasaki prefecture
" 7	16 51 49	1 15	—	16 54 15	-5000	4.1	557	Tidiwa Bay
" 7	17 9 53	1 15	—	17 11 31	+150	5.5	—	"
" 7	20 8 31	1 14	—	20 10 43	+102	2.9	549	"
" 7	22 23 2	1 13	—	22 25 12	-375	4.0	542	"
" 7	22 50 20	1 13	—	22 52 53	- 35	3.5	542	"
" 8	2 3 38	1 17	—	—	—	—	571	"
" 8	2 47 55	1 14	—	2 51 42	- 28	3.4	549	"
" 8	5 18 23	1 14	—	5 20 44	-200	2.8	549	"
" 8	6 47 10	1 15	—	6 49 43	-172	4.0	557	"
" 8	7 17 13	1 13	—	7 19 22	- 55	3.8	542	"
" 8	13 40 39	1 13	—	13 42 40	- 55	5.5	542	"
" 8	20 21 15	1 13	—	20 22 36	- 75	4.3	542	"
" 8	22 35 26	2 11	—	22 38 40	-787	15.4	972	Off the coast of Mutu
" 9	3 14 8	1 14	—	3 15 31	+ 20	4.6	549	Tidiwa Bay
" 9	4 5 10	1 15	—	4 6 27	+ 25	3.8	557	"
" 14	23 11 49	6 2	—	23 18 50	- 75	5.3	4300	In the south sea
" 17	22 29 52	0 50	—	22 30 59	-175	1.0	371	Off the coast of Kii
" 27	9 31 59	1 0	—	9 33 33	- 30	0.9	445	Near Kisaratu
" 31	7 23 57	2 56	—	7 29 58	-725	15.2	1500	South off Yotorop Kurile Island

大 正 十 二 年 (1923)

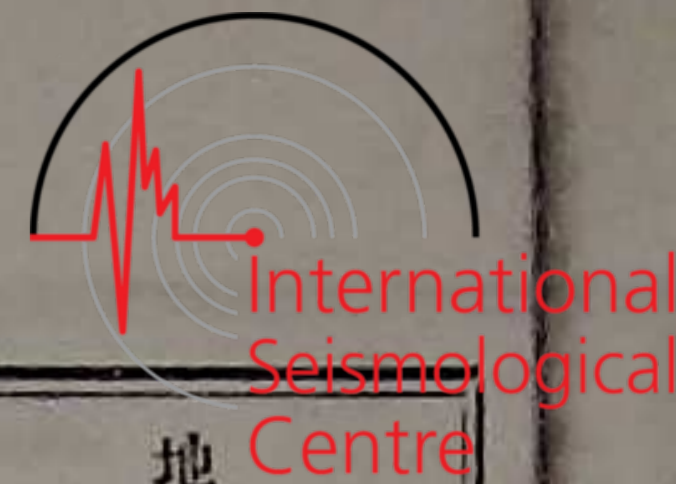
I 11	12 25 59	0 55	—	12 29 09	+100	4.0	408	Northern part of Hyuga-nada
" 11	15 58 9	0 53	—	16 1 34	+112	2.3	393	"
" 14	5 52 50	1 0	—	5 54 41	-778	3.0	445	Near Mizukaido, Mito
" 26	3 27 59	4 10	—	3 32 33	+ 62	6.9	2500	A distant earthquake
" 26	12 36 47	1 2	—	12 37 49	- 40	1.7	460	Near Utunomiya
" 26	21 31 29	3 3	—	21 36 13	- 90	2.2	1600	Off the East coast of Honsyu
" 27	4 14 2	0 59	—	4 15 52	- 24	1.4	438	Near Utunomiya
" 27	5 5 31	1 12	—	5 7 26	-223	1.2	534	Southern part of Iwaki
I 1	19 34 41	1 3	—	19 36 59	- 37	3.6	468	Near Chosi
" 1	19 43 30	1 11	—	19 45 45	+ 40	2.9	527	"
" 2	1 12 17	9 24	—	1 22 14	+100	19.2	3080	East off Kamtchatka
" 2	5 13 24	4 53	4 36	5 23 43	+4210	12.0	3100	"
" 3	16 7 34	4 57	—	16 14 24	+6150	11.5	3250	"
" 3	16 47 1	—	—	—	—	—	—	"
" 3	17 46 44	—	—	—	—	—	—	"
" 3	18 48 36	4 57	3 15	18 58 2	-625	15.8	3250	"
" 3	18 52 18	—	—	—	—	—	—	"
" 3	18 56 51	—	—	—	—	—	—	"
" 5	18 15 12	0 0	—	18 15 15	+41	0.4	0	Near Osaka
" 5	21 29 25	1 10	—	21 30 54	+ 30	3.1	519	Off the coast of Iwaki
" 5	—	—	—	22 30 34	- 9	0.8	—	—

時刻

本表ノ時刻ハ録成時ヲ用ヒタルヲ以テ之ヲ本邦中央ニ置時トナスニハ九時ヲ加フニ例ヘハ二日ノ二十三時ハ三日ノ八時トナルカ如シ

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	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
II 8	3	3	17	7	30	—	—	8	12	11	-25	11.0	2780	—
" 11	15	27	54	1	11	—	—	18	29	45	-125	2.5	527	Near Nasu
" 12	2	4	41	4	1	3	49	2	17	51	-40	17.2	2490	Near Kamtchatka
" 12	12	30	31	0	47	—	—	12	32	9	+212	2.3	349	WNW. off Iiatijo Island
" 16	9	21	13	3	34	—	—	9	24	58	+137	4.6	2000	Near Kamtchatka
" 19	6	23	22	2	53	3	42	6	31	22	+37	3.1	1500	"
" 23	5	59	4	5	21	4	57	6	4	51	+175	4.1	3580	Philippine Island
" 24	7	40	29	4	57	5	24	7	50	36	+4250	14.4	3250	Near Kamtchatka
III 2	16	55	16	5	6	4	34	17	05	38	-1250	24.0	3350	Philippine Island
" 3	10	26	36	1	32	—	—	10	29	11	+100	3.8	683	Western part of Japan sea
" 4	5	33	2	0	51	—	—	5	33	55	-50	2.7	378	Near Miyake-jima Izu
" 11	10	14	24	1	6	—	—	10	16	21	+20	1.5	490	Off Bōsō peninsula
" 12	9	44	56	1	44	—	—	9	47	40	-87	4.8	772	Off the coast of Sanriku
" 14	20	49	50	5	10	—	—	20	56	08	-55	4.6	3400	Caroline Island
" 16	22	7	53	4	55	4	7	22	20	50	-252	15.1	3180	Manduro Island
" 18	17	24	18	0	15	—	—	17	24	48	-21	4.2	111	In the Kii channel
" 21	8	32	35	2	54	—	—	8	36	15	+87	4.6	1500	South of Yotorop Kurile Islands
" 22	7	50	45	2	15	—	—	7	53	44	-30	4.0	1250	Near Rasa Island
" 24	12	46	26	4	57	4	49	13	56	40	-4620	11.5	3250	Tibet
" 28	4	37	45	5	19	—	—	4	41	17	+32	4.6	3580	SE. off Philippine Island
IV 7	13	37	34	0	30	—	—	13	38	35	+33	0.9	223	Eastern part of Simane prefecture
" 8	11	35	40	0	4	—	—	11	36	11	-35	0.6	30	Toogo-mura, Osaka-hu
" 13	15	38	23	4	46	—	—	15	46	28	-1225	11.0	3080	SE. off Kamtchatka
" 19	3	17	46	4	10	2	32	3	27	34	+100	7.9	3349	Marianne Island
" 19	20	16	22	0	10	—	—	20	17	12	+35	1.7	74	Near Osaka
" 23	3	19	37	3	37	—	—	3	25	13	-1165	5.1	2020	Northern part of China
" 27	7	17	26	2	7	—	—	7	19	46	-73	2.1	942	Off the coast of Sanriku
" 27	10	33	3	4	37	—	—	10	39	38	-12	4.4	2900	—
V 4	16	35	36	7	14	—	—	16	43	4	+200	5.5	5780	Near Alaska
" 6	11	25	43	0	43	—	—	11	26	58	+120	1.2	356	Sagami-nada
" 7	3	3	45	1	20	—	—	3	5	37	+50	2.6	594	Kasima-nada
" 7	13	12	40	1	12	—	—	13	14	27	+105	3.6	534	The coast of Iwaki
" 13	5	12	20	0	15	—	—	5	13	16	-25	1.5	104	Bingo-nada
" 14	7	8	9	7	8	—	—	7	20	2	-12	4.6	5900	In the south sea
" 23	22	43	18	8	18	—	—	22	56	38	+178	12.6	3100	Alutian Islands
" 26	3	15	2	1	6	—	—	3	16	39	+975	3.6	490	Kasima-nada
" 26	4	6	19	1	12	—	—	4	07	47	+20	2.8	534	"
" 26	5	31	3	1	7	—	—	5	32	46	-50	4.6	497	"
" 28	1	36	11	—	—	—	—	1	58	42	+47	24.0	6150	North Eastern part of Persia
" 28	10	19	47	0	9	—	—	10	20	15	-13	2.6	67	Near Wakayama
" 31	5	57	18	1	24	—	—	5	59	2	-1150	4.3	623	Kasima-nada
" 31	6	12	21	1	15	—	—	6	14	28	-212	2.9	557	"
" 31	6	21	15	1	2	—	—	6	22	54	+16	1.1	460	"
" 31	8	26	21	0	17	—	—	8	26	41	-8	2.5	126	Near Wakayama
VI 1	17	26	5	1	8	—	—	17	28	24	+2500	2.4	505	Kasima-nada

時刻 本表ノ時刻ハ標準時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘハ二日ノ二十三時ハ三日ノ八時トナルカ如シ

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		m.	s.	m.	s.	h.	m.	s.				
VI 1	19 15 7	1	14	—	—	19	16	42	- 10	1.7	549	Kasima-nada
" 1	19 23 27	1	12	—	—	19	24	48	+ 6	1.2	534	"
" 1	19 28 17	1	8	—	—	19	30	12	+ 8	3.2	505	"
" 1	19 31 22	1	9	—	—	19	33	20	- 29	3.9	512	"
" 1	20 17 5	1	19	—	—	20	18	58	-2000	4.8	586	Kasima-nada
" 1	21 1 47	1	16	—	—	21	03	57	+ 21	1.8	564	"
" 2	0 31 6	1	7	—	—	0	32	34	+ 75	4.8	497	"
" 2	0 48 29	1	15	—	—	0	50	16	- 8	2.8	557	"
" 2	1 42 43	1	15	—	—	1	44	45	+ 12	2.9	557	"
" 2	3 14 6	1	10	—	—	3	15	45	+188	4.3	519	"
" 2	3 51 15	1	17	—	—	3	53	09	+ 5	1.0	571	"
" 2	7 52 18	1	18	—	—	7	53	48	+ 11	2.4	579	"
" 2	21 59 41	1	12	—	—	22	01	24	- 70	1.9	534	The coast of Kazusa
" 3	3 51 10	1	10	—	—	3	53	17	- 22	3.8	519	Kasima-nada
" 3	11 33 29	1	21	—	—	11	35	10	+ 7	1.8	600	"
" 4	0 15 54	1	10	—	—	0	17	19	- 20	2.3	519	"
" 4	4 41 22	1	10	—	—	4	43	2	-105	4.6	519	"
" 4	7 8 19	1	11	—	—	7	10	15	- 15	4.0	527	"
" 4	11 29 43	1	15	—	—	11	31	35	- 13	3.1	557	"
" 4	12 59 37	1	11	—	—	13	01	3	- 4	2.0	527	"
" 4	18 53 55	1	12	—	—	18	55	50	- 37	5.0	534	"
" 4	19 1 10	1	7	—	—	19	03	33	- 22	2.2	497	"
" 4	23 16 11	1	17	—	—	23	18	8	+ 25	4.6	571	"
" 5	2 8 31	1	13	—	—	2	10	9	-225	5.8	543	"
" 6	17 38 9	1	11	—	—	17	40	2	+512	4.8	527	Off Bōsō peninsula
" 7	7 39 42	0	9	—	—	7	39	58	- 17	0.9	67	Near Tadotu
" 7	18 14 45	1	15	—	—	18	16	41	+ 15	1.2	557	Bōsō peninsula
" 7	21 22 55	1	10	—	—	21	24	39	- 4	1.1	519	"
" 11	6 31 31	0	10	—	—	6	32	13	- 28	1.2	74	In the Kii channel
" 12	16 50 58	1	6	—	—	16	52	48	+100	4.3	490	The coast of Kujukuri
" 12	17 22 0	1	8	—	—	17	23	42	+ 8	1.2	505	"
" 15	11 10 4	1	51	—	—	11	12	32	- 37	3.0	497	Kasima-nada
" 16	13 7 26	1	11	—	—	13	09	07	+ 50	4.6	519	"
" 18	5 50 6	0	8	—	—	5	52	28	+102	6.9	59	In the Kii channel
" 18	8 27 23	9	1	—	—	8	37	43	+ 72	4.8	4258	Near New Guinea
" 18	11 29 39	1	11	—	—	11	31	38	-137	2.4	527	Kasima-nada
" 19	7 2 36	1	47	—	—	7	04	26	+102	4.6	519	"
" 19	20 49 44	1	15	—	—	20	51	22	+ 15	2.9	557	"
" 19	22 52 54	1	8	—	—	22	54	13	+ 25	5.8	505	"
" 22	6 52 5	8	42	—	—	7	4	52	-3837	10.0	4134	Tibet
" 28	19 13 53	0	7	—	—	19	14	5	+ 75	1.0	52	Southern part of Yamato
" 29	10 49 43	1	38	—	—	10	52	6	-112	4.0	727	Far NW. off Bonin Island
" 29	10 55 24	1	36	—	—	10	57	21	+250	3.4	720	"
VII 1	8 12 51	1	14	—	—	8	15	10	- 45	4.1	549	Kasima-nada
" 2	2 36 5	3	26	—	—	2	46	4	+137	3.5	1900	NE. off the coast of Taitō Formosa

時刻 本表ノ時刻ハ鉄威時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘバニ日ノ二十三時ハ三日ノ八時トナルガ如シ

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日 e	發震時			第一初期		第二初期		最大動出現			振幅 Amplitude μ	振動期 Period s.	距離 Δ K.M.	震央地 Epicenter
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
2	19	37	21	0	14	—	—	19	37	50	-75	0.8	104	In the Kii channel
5	18	28	41	—	—	—	—	18	29	26	+29	1.0	141	Near Gifu-city
8	3	26	24	—	—	—	—	3	33	8	+37	4.4	1580	A distant earthquake
12	7	6	42	—	—	—	—	7	11	25	+15	4.6	1800	"
13	11	14	59	—	—	—	—	11	17	39	+5500	5.0	623	Near Tanegasima
13	23	57	47	1	24	—	—	0	2	17	+875	2.3	623	"
20	16	50	54	0	39	—	—	16	52	21	+300	3.4	289	West off Hatijo Island
21	8	32	7	1	6	—	—	8	34	6	-87	4.1	490	Kasima-nada
22	14	24	52	4	57	—	—	14	35	21	+75	5.1	3200	East off Kamchatka
26	3	13	34	2	11	—	—	3	16	2	+162	4.6	950	—
26	23	40	58	0	36	—	—	23	41	42	-77	4.0	267	Off the coast of Kii
28	10	51	0	1	14	—	—	10	53	37	+37	7.2	549	East off Hatijo Island
30	7	32	30	0	12	—	—	7	33	06	-63	1.0	89	In the Kii channel
1	5	11	33	—	—	—	—	5	34	22	+20	6.0	—	A distant earthquake
3	17	6	46	3	40	—	—	17	13	12	+25	4.0	2800	"
8	2	58	10	0	10	—	—	2	58	21	+83	1.0	74	In the Naruto channel
12	6	5	23	7	24	—	—	6	13	10	-400	5.8	5700	Near Calcutta, India
12	10	6	57	2	10	—	—	10	13	6	+131	3.5	1100	Near Daitoo-jima
16	20	26	34	2	43	—	—	20	32	44	-25	3.8	1380	Far East off Kinkwazan Island
19	12	31	28	3	21	—	—	12	42	57	-40	6.0	1800	—
19	22	24	16	1	4	—	—	22	26	02	-120	2.4	475	Northern part of Ibaraki prefecture
24	1	16	53	1	25	—	—	1	19	02	+162	1.8	630	Eastern part of Ibaraki
25	8	54	16	0	2	—	—	8	55	51	+133	1.5	15	Bay of Osaka
27	11	18	32	3	9	—	—	11	26	20	-25	5.5	1700	Off the coast of Dainanō, Formosa
1	2	59	24	0	51	—	—	3	1	30	62000	2.4	378	Sagami-nada, Great Kwanto Earthquake
1	3	16	24	0	48	—	—	3	18	43	+433	1.2	—	After shock of great Kwanto Earthquake
1	3	19	2	0	48	—	—	—	—	—	1267	1.2	—	"
1	3	26	14	0	48	—	—	—	—	—	2300	1.2	—	Near Atuki, Kanagawa prefecture
1	3	36	23	0	48	—	—	—	—	—	2300	1.2	—	Western part of Simoesa
1	3	40	54	0	52	—	—	3	42	14	-4000	1.7	378	Eastern part of Sagami Bay
1	3	41	57	0	47	—	—	3	43	32	+3900	2.1	—	After shock of great Kwanto Earthquake
1	3	45	50	0	48	—	—	—	—	—	1267	1.2	—	"
1	3	49	43	0	53	—	—	3	50	31	+21100	3.2	393	"
1	4	21	48	0	48	—	—	4	23	13	+900	3.8	—	"
1	4	25	56	0	49	—	—	4	27	21	-1263	1.9	—	"
1	4	31	23	0	50	—	—	4	33	21	+1900	2.1	—	"
1	4	36	21	0	48	—	—	4	37	24	+608	1.6	—	"
1	4	39	23	0	48	—	—	4	40	51	+333	1.2	—	"
1	4	46	15	0	48	—	—	4	47	43	+475	1.8	—	"
1	4	50	33	0	48	—	—	4	52	3	-100	1.3	—	"
1	4	57	25	0	48	—	—	4	59	13	+88	1.3	—	"
1	4	59	50	0	48	—	—	5	2	14	+567	1.6	—	Near Nakagawa, Kai province
1	5	13	48	0	48	—	—	5	15	34	-188	1.5	—	After shock of great Kwanto Earthquake
1	5	23	42	0	53	—	—	5	24	58	-3600	3.2	393	Eastern part of Sagami Bay
1	5	45	19	0	48	—	—	5	47	1	-213	4.8	—	After shock of great Kwanto Earthquake

時刻

本表ノ時刻ハ観測時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘバ二日ノ二十三時ハ三日ノ八時トナルガ如シ

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月日 Date	發震時 P.			第一初期 P-Sor P-L		第二初期 S-L		最大動出現 M.			振幅 Amplitude μ	振動期 Period s.	距離 J K.M.	震央地 Epicenter
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
K 1	5	54	32	0	48	—	—	5	56	24	+217	1.3	—	After shock of the great Kwanto Earthquake
" 1	5	58	55	0	50	—	—	6	0	42	-213	4.8	371	
" 1	6	5	21	0	48	—	—	6	7	34	-325	1.3	356	"
" 1	6	14	32	0	48	—	—	6	16	20	-179	1.2	—	"
" 1	6	19	57	1	6	—	—	6	22	29	-1500	3.0	497	The coast of Kujukuri
" 1	6	44	15	0	48	—	—	6	45	58	+408	1.3	356	After shock of the great Kwanto Earthquake
" 1	7	39	3	0	44	—	—	7	40	30	+10750	2.4	327	Northern part of Nakayama, Kai
" 1	8	12	48	1	0	—	—	8	13	23	+468	1.6	—	After shock of the great Kwanto Earthquake
" 1	9	0	17	0	48	—	—	9	1	35	+79	1.5	—	"
" 1	9	48	7	0	48	—	—	9	49	19	-63	4.3	—	"
" 1	10	26	46	0	48	—	—	10	28	5	-95	5.5	—	"
" 1	12	59	31	0	48	—	—	13	1	17	-63	2.4	—	"
" 1	13	53	10	0	48	—	—	13	54	46	+875	2.6	356	"
" 1	14	30	55	0	48	—	—	14	32	11	-125	4.6	356	"
" 1	15	41	7	0	50	—	—	15	43	40	+80	4.5	371	"
" 1	17	3	48	0	48	—	—	17	5	29	+316	3.4	356	"
" 1	18	1	30	0	49	—	—	18	2	40	-55	3.4	364	"
" 1	19	9	54	0	44	—	—	19	11	52	-200	3.4	327	"
" 1	21	50	4	0	48	—	—	21	51	56	+225	2.4	356	"
" 1	22	12	17	0	50	—	—	22	14	22	-66	1.0	371	"
" 2	1	0	49	0	51	—	—	1	2	20	-198	2.4	378	"
" 2	2	47	53	0	56	—	—	2	50	28	+14500	2.2	416	South off the coast of Katuura
" 2	4	49	24	0	59	—	—	4	51	11	-300	2.4	438	After shock of the great Kwanto Earthquake
" 2	5	11	36	0	46	—	—	5	13	21	-650	4.1	431	Eastern part of Tokyo Bay
" 2	6	33	15	0	56	—	—	6	34	54	+117	1.2	416	After shock of the great Kwanto Earthquake
" 2	9	28	4	1	5	—	—	9	30	11	+14200	1.8	482	The coast of Kujukuri
" 2	9	50	30	0	48	—	—	9	52	04	-1288	2.3	—	After shock of the great Kwanto Earthquake
" 2	13	10	8	0	47	—	—	13	11	44	+9000	1.9	349	Near Miyaku-jima
" 2	14	17	19	0	48	—	—	14	18	58	+1750	1.2	356	Bay of Sagami
" 3	0	10	54	0	51	—	—	0	13	24	+212	2.4	378	After shock of the great Kwanto Earthquake
" 3	0	41	47	0	50	—	—	0	43	27	-137	3.6	371	"
" 3	1	48	40	0	51	—	—	1	49	50	+417	1.8	378	"
" 3	5	22	31	—	—	—	—	5	24	15	-175	2.4	—	"
" 3	6	2	58	0	48	—	—	6	04	04	+75	2.5	—	Near Sasako
" 3	8	14	34	0	47	—	—	8	16	32	+133	2.0	349	SE. off Hatijo Island
" 3	14	31	38	0	51	—	—	14	33	04	+447	1.6	378	After shock of the great Kwanto Earthquake
" 4	4	02	35	0	50	—	—	4	04	32	-188	4.6	371	"
" 4	5	59	34	—	—	—	—	6	00	35	+50	4.8	—	"
" 4	15	24	42	0	50	—	—	15	26	01	+75	1.8	386	"
" 4	22	23	31	0	53	—	—	22	24	45	+425	4.8	393	"
" 5	9	35	54	1	0	—	—	9	37	07	-50	2.9	445	"
" 5	11	14	15	0	52	—	—	11	15	25	+113	2.0	386	"
" 5	18	31	05	0	55	—	—	18	32	54	+737	1.9	408	"
" 5	18	47	55	0	50	—	—	18	49	23	+125	2.4	371	"
" 7	14	31	12	0	45	—	—	14	32	38	-308	2.5	334	"

時刻

本表ノ時刻ハ緯度時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘバ二日ノ二十三時ハ三日ノ八時トナルガ如シ

大阪地震累年報

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月 Date	發震時 P. h. m. s.			第一初期 P-Sor-P-L m. s.		第二初期 S-L m. s.		最大動出現 時 M. h. m. s.			振幅 Amplitude μ	振動期 Period s.	距離 Distance K.M.	震央 Epicenter 地
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
K	7	15	18	21	0	49	—	15	20	10	+463	2.0	364	East off Hatijo Island
"	7	17	33	50	0	56	—	17	35	46	+562	2.3	416	Off the cape of Nojima
"	7	23	41	30	0	55	—	23	42	36	+66	1.2	408	After shock of great Kwanto Earthquake
"	8	9	09	41	0	51	—	9	10	47	+825	3.3	378	"
"	9	3	04	31	0	48	—	3	06	06	+67	1.2	356	"
"	9	6	53	04	0	46	—	6	54	35	+67	1.2	341	"
"	9	17	12	00	0	48	—	17	13	56	-22	1.6	356	North off Izu-O-ima
"	9	22	11	26	6	0	5 30	22	27	23	+470	8.9	4220	Italy
"	11	6	22	40	0	50	—	6	24	40	+33	1.7	371	After shock of great Kwanto Earthquake
"	11	8	51	43	0	49	—	8	53	17	+146	1.6	341	"
"	12	14	56	59	0	35	—	14	58	14	+217	1.2	260	"
"	14	6	34	57	0	50	—	6	36	03	+171	1.8	371	"
"	14	7	42	51	0	48	—	7	44	15	-467	1.5	356	Near Koga-cho, Ibaraki prefecture
"	16	8	21	01	0	50	—	8	22	30	-58	2.0	371	After shock of great Kwanto Earthquake
"	17	1	03	21	0	53	—	1	04	43	-225	2.8	393	"
"	17	3	41	06	0	30	—	3	42	45	-240	2.9	222	"
"	19	8	30	01	—	—	—	8	42	21	-63	5.3	10100	Italy
"	20	23	22	54	0	49	—	23	24	13	+179	1.2	364	After shock of great Kwanto Earthquake
"	22	2	54	06	0	47	—	2	55	24	+175	2.3	349	"
"	22	21	06	36	8	10	7 50	21	29	57	-500	13.8	6520	A distant earthquake
"	23	3	41	18	0	23	—	3	42	55	-33	1.4	171	—
"	24	8	52	10	0	00	—	8	52	11	-50	0.8	0	Bay of Osaka
"	24	11	27	31	0	29	—	11	28	01	+33	1.0	215	Off the coast of Aki
"	26	8	24	41	0	54	—	8	27	06	+8500	2.1	401	SE. off Izu-Osima
"	26	9	40	38	0	53	—	9	42	29	+165	1.6	393	After shock of great Kwanto Earthquake
"	27	21	15	04	0	48	—	21	16	37	-46	1.2	356	"
"	28	20	56	25	0	0	—	20	56	26	+2250	—	0	Northern part of Osaka Bay
"	29	13	29	44	0	48	—	13	32	04	-200	2.4	356	Sagami-nada
"	30	6	49	05	0	43	—	6	50	10	+42	1.9	319	"
X	2	1	26	22	0	41	—	1	27	41	+63	1.8	—	Western part of Sagami
"	2	2	7	17	0	48	—	2	08	56	+26	1.8	—	Eastern part of Kai
"	3	14	09	09	0	49	—	14	11	04	-158	0.9	364	Near Utunomiya
"	3	14	22	57	0	48	—	14	24	37	+18	1.0	356	In the Bungo channel
"	3	15	55	06	0	51	—	15	56	40	+3500	1.8	378	Western part of Sagami
"	5	13	06	35	0	48	—	13	08	19	+1450	1.2	356	Western part of Sagami
"	6	16	25	24	0	53	—	16	26	28	-17	2.0	393	Western part of Sagami-nada
"	7	3	36	41	5	38	—	3	49	12	+2175	11.5	3900	Celebes Island
"	7	23	42	50	0	48	—	23	44	03	+42	1.0	356	Near Mizukaido
"	9	11	24	21	1	8	—	11	25	55	-150	1.0	497	Near Hanamaki, Iwate prefecture
"	9	16	10	49	0	48	—	16	12	06	-17	1.4	—	Near Tokyo
"	12	18	10	20	0	49	—	18	11	48	-50	1.0	364	Near Numazu
"	13	16	40	27	1	8	—	16	42	28	+25	1.0	—	Near Miyake-jima
"	14	4	13	10	—	—	—	4	43	48	+93	0.9	52	In the Kii channel
"	16	18	04	56	0	48	—	18	06	27	+490	1.4	356	Near Lake of Nakayama Kai
"	16	20	26	55	—	—	—	20	27	32	-15	1.0	—	—

時刻

本表ノ時刻ハ鐵威時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘバ二日ノ二十三時ハ三日ノ八時トナルガ如シ

大阪地震累年報

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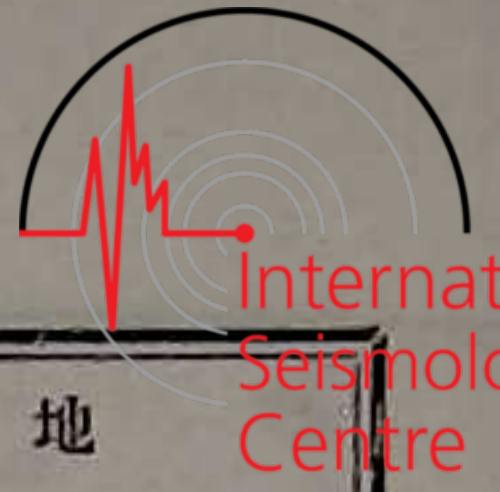


月 日 Date	發 震 時 P. m. s.			第一初期 P-SorP-L m. s.		第二初期 S-L m. s.		最大動出現 M. h. m. s.			振 幅 Ampli- tude μ	振動期 Period s.	距 離 Δ K.M.	震 央 地 Epicenter
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
X 17	8	31	15	0	0	—	—	8	31	46	+ 13	1.0	0	Near Osaka
" 17	19	55	8	—	—	—	—	19	55	09	- 42	0.8	—	Western part of Sagami-nada
" 17	—	—	—	—	—	—	—	20	53	37	+ 10	1.1	—	"
" 20	3	24	20	8	7	—	—	3	38	54	- 38	4.8	6520	A distant earthquake
" 22	16	25	03	0	10	—	—	16	25	18	- 18	1.0	74	In the Kii channel
" 22	19	46	42	0	35	—	—	19	47	22	-157	1.2	260	Near Kōti Sikoku
" 28	2	26	13	0	7	—	—	2	26	37	-176	1.6	52	Near Yagi Nara prefecture
" 28	3	25	51	0	0	—	—	3	25	59	+ 8	1.5	—	Near Osaka
" 28	16	21	33	0	1	—	—	16	21	34	- 43	0.5	—	"
" 28	23	1	12	0	58	—	—	23	02	59	+ 8	1.0	—	Northern part of Kazusa
" 30	18	21	0	0	53	—	—	18	22	31	+ 13	0.8	—	Near Tokyo
" 31	16	38	21	0	41	—	—	16	39	50	-146	1.2	304	Near Koga
XI 2	21	17	0	14	15	—	—	21	37	06	-100	5.5	10000	A distant earthquake
" 3	4	30	46	0	18	—	—	4	32	08	+278	1.4	134	In the Kii channel
" 3	16	21	11	1	49	—	—	16	23	59	+2375	9.6	809	Suwanose-jima
" 4	0	12	08	10	12	—	—	0	26	23	-150	25.0	9000	A distant earthquake
" 4	18	38	00	1	38	—	—	18	39	45	- 50	2.2	727	Near Sirakawa
" 4	20	46	43	0	46	—	—	20	48	11	+1638	2.4	341	Valley of river Sagami
" 5	21	29	40	1	41	—	—	21	35	18	-3000	1.7	749	Suwanose-jima
" 6	6	04	34	—	—	—	—	6	11	17	- 22	5.8	—	Near Lake of Kasumigaura
" 6	13	37	15	0	44	—	—	13	38	38	+108	2.0	327	Northern part of Sagami
" 6	19	20	16	2	38	—	—	19	25	37	+250	3.8	1320	SW. off Yakujima
" 10	0	59	11	1	12	—	—	1	01	38	-113	1.9	534	Eastern part of Iwaki
" 11	4	03	20	1	19	—	—	4	06	37	+ 38	3.5	586	Sagami-nada
" 11	4	59	15	1	41	—	—	5	02	23	+ 40	2.6	749	"
" 11	5	13	23	1	5	—	—	5	16	55	-200	4.8	—	Off Choshi
" 15	21	34	38	0	49	—	—	21	37	15	+132	1.0	364	SW. off Miura peninsula
" 16	6	17	13	0	0	—	—	6	17	14	- 63	0.5	0	Near Osaka
" 17	20	41	39	1	1	—	—	20	43	09	-950	3.8	453	Near Tutiura
" 18	21	33	19	3	14	—	—	21	42	04	+150	18.4	1750	Karenko Formosa
" 21	16	33	50	0	45	—	—	16	35	25	+100	1.8	334	Near Lake of Kasumigaura
" 21	18	01	36	0	48	—	—	18	03	18	+302	1.0	356	"
" 23	1	15	05	0	19	—	—	1	16	00	+ 17	1.0	141	Bay of Sagami
" 23	2	34	50	0	46	—	—	2	38	18	-1185	1.8	341	Near Hujizawa Sagami
" 26	23	18	11	0	24	—	—	23	19	01	- 12	1.0	178	North Eastern part of Hirosima
" 27	3	22	50	0	48	—	—	3	25	33	+250	4.1	356	Hyuga-nada
" 28	9	25	38	0	57	—	—	9	26	54	+ 23	1.9	423	Northern part of Hidati
XII 4	9	51	13	0	46	—	—	9	52	40	+ 42	1.2	341	Lower Valley of river Edo
" 4	23	40	57	0	31	—	—	23	42	12	-2500	1.2	230	The cape of Muroto in Sikoku
" 5	22	42	31	5	48	—	—	22	53	03	- 50	4.8	4800	A distant earthquake
" 6	20	33	09	0	6	—	—	20	33	53	+ 29	0.6	45	Near Kyoto
" 7	16	58	44	—	—	—	—	—	—	—	—	—	—	North western part of Tainan Formosa
" 7	23	49	14	5	18	—	—	23	54	46	+ 25	4.0	3750	A distant earthquake
" 8	19	08	30	1	50	—	—	19	12	54	+175	4.8	816	NW. off Suwanose
" 9	14	15	02	0	7	—	—	14	16	12	-127	2.3	52	Arita-gun, Wakayama prefecture

時刻 本表ノ時刻ハ概成時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘハ二日ノ二十三時ハ三日ノ八時トナルガ如シ

大阪地震累年報

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Seismological
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月 日 Date	發 震 時 P. m. s.			第一初期 P-S or P-L m. s.		第二初期 S-L m. s.		最大動出現 時 M. h. m. s.			振 幅 Ampli- tude μ	振動期 Period s.	距 離 Δ K.M.	震 央 Epicenter 地
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
XII 12	4	04	42	0	24	—	—	4	05	37	-200	1.2	178	Hiuti-nada
" 17	16	14	10	0	5	—	—	16	14	28	-17	0.8	37	Near Osaka
" 18	23	22	30	—	—	—	—	23	23	42	+117	1.7	319	Off the coast of Kanazawa
" 19	13	50	13	0	45	—	—	13	51	18	+33	1.2	334	Eastern part of Sagami
" 19	19	05	43	4	15	—	—	19	17	19	-22	7.2	2550	South off the coast of Manila, Philippine
" 20	12	50	13	1	18	—	—	12	52	57	+20	4.8	579	NW. off Amakusa
" 21	13	17	51	0	43	—	—	13	19	12	+65	1.2	319	Off Bōsō peninsula
" 24	3	40	51	0	44	—	—	3	42	12	+1059	1.0	327	Near Lake of Nakayama, Kai
" 27	7	18	49	0	53	—	—	7	20	48	-54	0.7	393	The Lake of Kasumigaura
" 27	14	40	20	1	6	—	—	14	42	17	-3400	4.6	489	Kasima-nada
" 28	12	05	10	—	—	—	—	12	7	18	+87	2.6	401	Hyuga-nada
" 28	12	10	0	—	—	—	—	12	12	24	-67	1.2	—	—
" 31	5	51	53	0	48	—	—	5	53	41	-150	1.4	356	Near Izu-Osima

大 正 十 三 年 (1924)

I 10	23	47	21	0	58	—	—	23	49	29	+175	4.5	—	SW. off the coast of Hidaka, Hokkaido
" 14	20	51	13	0	48	—	—	20	52	24	+35500	1.8	356	Near Mt. Tanzawa
" 14	21	07	19	1	3	—	—	21	09	16	-479	1.0	468	Central part of Hidati
" 14	21	20	53	0	45	—	—	21	21	48	-17	1.1	334	—
" 15	0	08	44	0	48	—	—	0	10	06	+100	2.5	356	Near Mt. Tukuba
" 15	6	49	24	0	41	—	—	6	50	25	-25	1.1	304	—
" 15	19	25	22	0	56	—	—	19	26	34	-295	6.0	416	Central part of Iwaki
" 16	21	48	52	9	5	—	—	21	57	59	+50	7.2	7650	—
" 19	6	47	35	0	32	—	—	6	49	04	+29	0.9	—	The foot of Mt. Fuji
" 20	15	34	37	0	45	—	—	15	36	00	-50	1.3	334	Near Atuki
" 21	1	57	56	4	2	—	—	2	04	04	+200	6.3	2350	Near Kamchatka
" 22	11	41	31	1	6	—	—	11	43	18	-63	7.5	490	—
" 27	4	26	58	0	59	—	—	4	28	24	+47	2.3	438	—
" 30	4	52	58	0	51	—	—	4	57	59	-115	6.9	378	—
" 30	13	08	41	0	32	—	—	13	09	54	+9	1.0	—	Near Yokohama
" 30	13	37	55	0	40	—	—	13	39	15	+17	1.5	—	—
II 1	6	25	54	0	37	—	—	6	27	08	+50	3.7	—	Eastern part of Sagami-Bay
" 2	22	26	43	1	0	—	—	22	28	01	+550	2.4	445	Kasima-nada
" 5	23	28	47	0	10	—	—	23	28	58	-70	0.5	74	Near Wakayama
" 10	9	25	47	0	3	—	—	9	25	50	-75	1.0	22	Northern part of Kii channel
" 11	17	50	23	0	46	—	—	17	51	48	+35	2.8	—	Valley of river Tama
" 20	11	0	58	0	12	—	—	11	01	39	-50	3.8	89	Northern part of Kii channel
" 21	22	43	52	0	13	—	—	22	44	38	+68	3.8	97	Near Gihu
" 22	1	44	07	0	27	—	—	1	45	11	+38	2.0	—	Near Mt. Tukuba
III 4	10	37	34	—	—	—	—	11	34	44	+25	19.2	10645	Nicaragua, Central America
" 5	3	8	19	1	0	—	—	3	10	07	-83	1.8	445	Near Hatijooji
" 5	4	33	02	5	46	—	—	4	43	03	-55	9.2	4000	A distant earthquake
" 11	14	42	32	2	30	—	—	14	47	22	+30	5.8	1200	Far SE. off the coast of Kusiro
" 11	18	10	08	0	1	—	—	18	10	09	+10	0.8	6	Near Osaka
" 12	11	07	04	—	—	—	—	11	14	38	+50	5.8	—	A distant earthquake

時刻 本表ノ時刻ハ録感時ヲ用ヒタルヲ以テ之ヲ本邦中央標準時トナスニハ九時ヲ加フベシ例ヘハ二日ノ二十三時ハ三日ノ八時トナルガ如シ