

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. h. 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 M. h. m. s.	振幅 Amplitude μ	振動期 Period s.	距離 Δ K.M.	震央 Epicenter
V 31	23 5 24	8 7	—	23 14 36	-182	7.5	3900	A distant earthquake
大 正 五 年 (1916)								
I (1)	13 28 38	6 24	3 40	13 42 15	-4812	26.4	5200	Caroline Islands
" (13)	6 25 45	5 43	4 19	6 38 45	+1172	25.3	4660	"
" 13	8 28 5	5 37	4 21	8 40 36	>4600	24.4	4630	"
" (13)	10 58 37	5 34	4 45	11 17 36	-25	21.6	4760	"
" 14	2 58 43	1 2	—	3 0 26	-32	2.9	490	Kasima-nada
" 21	8 6 1	0 38	—	8 7 20	+232	3.8	310	Off the coast of Hidati
" 24	7 12 39	8 41	7 0	7 41 0	+312	23.0	6870	A distant earthquake
" 25	11 38 3	2 4	—	11 40 53	-215	4.8	940	Off the coast of Sanriku
" 26	3 6 7	0 29	—	3 6 49	-50	4.8	250	In the Ettyu province
" (26)	7 50 26	15 56	13 19	8 24 3	-55	13.4	12180	A distant earthquake
" 26	12 36 33	12 13	10 0	13 2 49	-20	14.4	9440	"
" 29	9 58 9	0 32	—	9 58 53	-37	3.2	270	In the Ettyu province
II 1	2 24 25	2 15	—	2 29 5	-35	5.8	1020	SE. off the coast of Toku-no-sima Island
" (1)	7 38 2	1 50	—	7 43 37	-3722	18.2	840	SE. off the coast of Tanegasima Island
" 1	9 20 56	—	—	9 27 50	+25	7.6	—	A distant earthquake
" 1	11 6 16	1 53	—	11 10 16	+22	5.8	860	Near the sea of Amami-Osima Island
" 2	14 50 43	2 14	—	15 0 57	-6	6.7	1010	"
" 3	19 11 31	—	—	—	—	—	—	A distant earthquake
" 5	14 33 6	2 14	—	14 38 54	-90	8.6	1010	Near the sea of Amami-Osima Island
" 6	10 56 10	3 4	—	10 59 28	+360	4.8	1370	SE. off the coast of Hokkaido
" (6)	21 58 41	5 8	4 0	22 8 37	+262	22.0	4300	A distant earthquake
" 7	21 12 2	0 15	—	21 12 45	+74	1.1	110	In the sea of Ise
" 8	10 51 2	—	—	10 51 17	-17	1.2	—	Southern part of Awaji-sima Island
" 8	15 53 47	—	—	15 54 18	+32	2.6	—	Near districts of Kinai
" 8	21 18 55	0 12	—	21 19 36	+115	2.4	90	Southern part of Awaji-sima Island
" 11	4 47 55	1 32	—	4 50 14	-45	4.3	710	Off the Bōsō peninsula
" 14	10 8 33	6 5	4 50	10 20 40	+138	20.6	5000	A distant earthquake
" 14	17 59 35	6 10	4 58	18 11 41	+80	19.2	5090	"
" 15	11 53 1	—	—	12 14 4	-25	14.4	—	"
" 17	6 13 17	0 59	—	6 14 27	+21	2.0	470	Off the East coast of Honsyu
" (20)	17 55 56	6 30	5 8	18 15 0	+95	19.2	5280	A distant earthquake
" 22	9 12 18	0 48	—	9 13 28	-1520	5.8	340	Near Mt. Asama
" 22	9 33 33	0 50	—	9 34 37	-40	5.8	350	"
" 22	9 45 47	0 51	—	9 46 44	+37	5.2	350	"
" 22	11 31 12	0 48	—	11 32 17	-75	5.0	340	"
" 22	11 41 35	0 48	—	11 43 33	-60	5.3	340	"
" 22	15 32 45	0 50	—	15 33 40	-35	5.0	350	"
" 22	18 3 53	0 50	—	18 4 54	+52	5.8	350	"
" 22	18 9 13	0 50	—	18 10 29	+20	5.6	350	"
" (27)	20 41 46	16 28	15 18	21 38 11	+77	21.6	13180	A distant earthquake
II 1	18 3 46	—	—	18 6 15	-54	3.8	—	"
" 6	9 11 37	0 54	—	9 13 32	-545	4.6	430	Near Beppu

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ハ二日ノ二十三時ハ三日ノ八時トナルガ如シ

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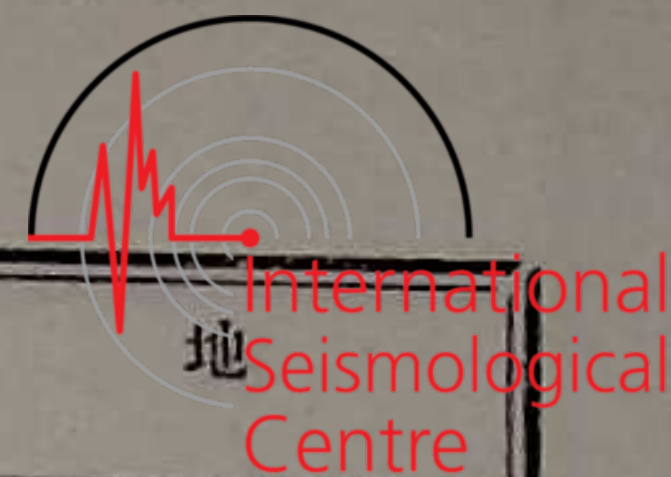
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III	14	21 24 32	1 2	—	21 26 3	+ 47	4.8	490	Near Beppu
"	18	0 58 36	2 10	—	1 3 3	-208	5.0	980	SE. off the coast of Hidaka
"	24	16 7 25	0 58	—	16 8 45	+ 91	2.8	460	Iiaga-gun, Simozuke province
"	25	23 56 20	2 38	—	0 1 32	-172	17.8	1470	E. off the coast of Yaeyama Islands
"	30	1 45 43	2 10	—	1 48 39	+262	7.2	980	SE. off the coast of Amami-Osima Island
IV	3	10 36 53	8 19	—	10 45 36	- 40	5.8	390	A distant earthquake
"	4	16 46 33	—	—	16 47 3	- 9	1.5	—	In the Kii channel
"	7	9 40 26	18 42	16 54	10 25 35	-125	19.2	14690	A distant earthquake
"	8	21 0 14	—	—	21 6 38	+ 15	5.8	—	"
"	12	7 22 14	—	—	7 26 5	- 10	3.8	—	Off the East coast of Honsyu
"	12	9 22 43	—	—	9 27 4	+ 8	4.8	—	A distant earthquake
"	14	2 12 4	1 12	—	2 14 43	+398	6.7	560	East off the coast of Hatijo Island
"	15	10 25 55	—	—	10 27 12	+ 19	4.3	—	Off the East coast of Honsyu
"	15	12 40 36	11 49	9 38	13 8 4	+ 75	14.4	9140	A distant earthquake
"	15	15 4 59	5 50	—	15 14 30	+ 97	7.2	3010	"
"	18	4 9 32	5 26	4 2	4 20 4	-303	9.6	4440	"
"	21	1 8 38	1 12	—	1 10 34	+ 68	4.8	560	Off the coast of Iwaki
"	21	11 33 14	1 12	—	11 34 59	-4150	8.6	560	East off the coast of Hatijo Island
"	21	16 50 40	1 50	—	16 53 30	- 35	5.8	840	Off the coast of Mutu
"	24	4 49 47	—	—	—	—	—	—	A distant earthquake
"	24	8 22 44	15 53	17 30	9 24 15	-110	18.7	11740	"
"	26	2 47 42	—	—	3 38 20	- 25	21.5	—	"
"	28	12 0 35	1 37	—	12 2 41	+ 35	7.2	740	Off the coast of Iwaki
V	3	4 41 4	—	—	4 53 8	- 12	20.2	—	A distant earthquake
"	6	21 13 30	—	—	21 14 57	+ 27	2.0	—	Off the Bōsō peninsula
"	9	14 43 35	—	—	15 4 57	+ 23	19.2	—	A distant earthquake
"	14	23 56 22	1 31	—	23 59 2	-163	5.0	700	Off the coast of Rikuzen
"	20	2 20 56	0 19	—	2 21 49	-163	2.4	140	Off the Bay of Wakasa
"	21	12 0 29	4 16	—	12 5 33	+ 35	4.8	2370	A distant earthquake
"	22	6 1 21	0 28	—	6 1 53	- 55	2.0	200	—
"	24	10 23 39	0 11	—	10 26 8	+ 7	4.3	80	In the Kii channel
"	29	14 42 12	0 44	—	14 43 16	+ 55	1.8	360	Northern part of Sagami province
VI	6	23 26 40	0 19	—	23 27 28	+ 59	2.0	140	In the sea of Ise
"	9	21 30 30	8 0	—	21 40 23	+ 70	19.2	3860	A distant earthquake
"	12	16 30 51	—	—	16 32 11	- 10	4.0	—	Amami-Osima Islands
"	12	22 1 18	1 17	—	22 3 29	- 20	4.3	600	Off the coast of Iwaki
"	21	18 14 55	—	—	18 16 28	+ 12	5.0	—	The East coast of Honsyu
"	21	21 52 22	12 24	10 5	22 19 81	- 25	19.2	9530	A distant earthquake
"	22	0 43 12	1 23	—	0 45 40	+ 25	2.0	610	Off the East coast of Honsyu
"	26	0 1 57	1 10	—	0 3 36	+ 22	2.0	550	"
"	29	10 52 47	—	—	11 1 8	- 18	7.5	—	A distant earthquake
"	30	3 22 38	—	—	4 31 37	- 63	23.0	—	"
VII	1	2 19 10	1 19	—	2 21 10	- 35	5.1	610	Southern part of Kyusyu
"	3	19 5 10	1 35	—	19 8 16	- 25	6.2	730	East off the coast of Okinawa Island
"	8	9 44 30	8 32	—	9 54 0	-152	5.8	4060	A distant earthquake

時刻

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	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
VII 11	10	14	10	0	53	—	—	10	15	15	+ 7	3.0	420	Tokuba-gun, Iidati province
" 13	15	5	41	—	—	—	—	15	14	44	+ 25	6.7	—	A distant earthquake
" 16	18	16	42	1	31	—	—	18	19	39	-510	7.7	700	Off the coast of Sanriku
" 17	1	0	19	—	—	—	—	1	17	1	+ 10	8.6	—	A distant earthquake
" 18	18	42	58	0	59	—	—	18	44	12	- 10	4.3	470	Off the coast of Iwaki
" 19	12	28	20	1	10	—	—	12	30	17	+ 48	4.4	550	"
" 23	10	21	0	—	—	—	—	10	32	38	+ 13	14.9	—	A distant earthquake
" 26	5	45	13	0	48	—	—	5	46	15	- 50	6.0	390	Far off Bōsō peninsula
VIII 3	1	37	54	6	5	4	7	1	48	29	-1038	24.0	4720	A distant earthquake
" 3	21	41	27	—	—	—	—	21	51	29	+ 20	18.2	—	"
" 5	22	51	53	0	24	—	—	22	54	48	+553	6.2	170	Bingo-nada
" 8	4	25	56	1	14	—	—	4	27	54	-1290	7.3	580	Kasima-nada
" 8	18	58	1	—	—	—	—	19	10	51	- 13	9.6	—	Near sea of Formosa
" 10	3	47	11	—	—	—	—	3	48	23	- 48	4.3	—	Kasima-nada
" 10	15	47	54	0	50	—	—	15	49	42	+153	3.8	400	"
" 10	20	3	42	—	—	—	—	20	5	1	+ 17	4.6	—	Off the coast of Iidati
" 21	14	33	40	1	5	—	—	14	35	40	+608	3.8	510	Kasima-nada
" 25	10	4	12	—	—	—	—	11	10	35	+ 25	20.2	—	A distant earthquake
" 27	19	53	3	1	10	—	—	20	0	54	-130	3.8	550	SE. off the coast of Hyuga
" 27	22	44	4	1	15	—	—	22	46	47	-1628	4.8	580	Kasima-nada
" 28	6	48	5	6	37	6	2	7	9	11	+1278	19.2	5680	Near New Guinea Island
" 28	7	31	31	3	14	—	—	7	39	9	+303	12.5	1720	Nantoo, Formosa
IX 1	14	20	20	0	54	—	—	14	22	4	+ 58	4.3	430	The foot of Mt. Tokuba
" 3	7	21	53	11	10	—	—	7	35	51	+ 23	18.2	5100	A distant earthquake
" 6	15	14	2	0	14	—	—	15	14	43	- 25	2.2	100	Suzuka-gun, Ise province
" 11	6	39	15	6	41	4	56	6	54	37	40	16.8	5280	A distant earthquake
" 13	4	43	5	1	55	—	—	4	46	0	+178	4.8	870	SW. off the Yaku Island
" 15	7	2	31	1	10	—	—	7	4	48	-2973	8.2	550	SE. off Bōsō peninsula
X 2	1	31	27	—	—	—	—	1	39	53	+ 10	13.8	—	A distant earthquake
" 2	10	16	21	1	41	—	—	10	18	51	- 69	5.0	760	Far off Bōsō peninsula
" 3	1	46	2	20	41	21	43	2	38	9	+ 95	25.4	17360	South America
" 11	18	16	37	9	5	9	15	18	38	47	+ 12	16.3	7910	A distant earthquake
" 12	7	43	57	0	26	—	—	7	45	13	+ 55	5.8	190	Hida province
" 17	3	6	15	—	—	—	—	3	7	51	+ 32	2.0	—	Bay of Kosima, Bizen province
" 19	21	49	25	0	59	—	—	21	50	26	- 60	5.9	470	Off Bōsō peninsula
" 20	17	16	21	9	16	8	5	17	39	11	+ 25	24.0	7530	A distant earthquake
" 22	12	54	17	1	8	—	—	12	58	41	+ 25	6.7	550	Off the coast of Iidati
" 23	19	59	57	0	20	—	—	20	0	37	+ 10	1.2	150	In the sea of Ise
" 24	3	15	55	0	23	—	—	3	16	47	+ 11	2.6	170	Near districts of Kinai
" 24	23	12	31	—	—	—	—	23	13	23	- 55	2.5	—	In the Kii channel
" 25	12	24	56	1	45	—	—	12	27	5	+258	6.7	800	The East coast of Honsyu
" 26	2	24	53	—	—	—	—	2	37	30	+ 30	20.2	—	A distant earthquake
" 26	3	23	38	—	—	—	—	3	35	58	- 22	6.7	—	"
" 26	5	47	42	3	38	—	—	5	51	28	+120	9.1	2150	"
" 26	18	25	27	—	—	—	—	18	30	37	+ 25	5.2	—	"

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X	27	3	53	18	0	40	—	3 54 26	- 42	6.8	330	Off the SE. coast of Honsyu
"	27	16	33	1	0	13	—	16 33 35	+ 11	2.2	100	Off the south coast of Kii
"	28	3	22	28	0	55	—	3 25 07	- 55	5.0	440	Off the East coast of Rikuzen
"	31	15	35	59	4	17	—	15 43 41	>3700	20.2	2400	SE. off Kamchatka
XI	3	21	57	51	4	18	3 41	22 07 43	- 25	14.4	3810	A distant earthquake
"	5	19	15	32	1	2	—	19 17 10	+ 22	2.2	490	E. off Onahama
"	9	19	15	49	1	17	—	19 17 35	- 70	4.0	600	Off Bōsō peninsula
"	13	0	38	5	4	24	—	0 43 46	- 35	7.2	2450	A distant earthquake
"	14	22	36	0	3	22	—	22 43 41	+123	10.6	2040	Central part of Formosa
"	20	21	50	15	—	—	—	21 50 50	+ 6	1.0	—	Districts of Omi and Mino
"	22	14	4	17	1	8	—	14 05 36	- 95	5.7	530	Kasima-nada
"	23	8	5	18	—	—	—	8 07 17	+ 9	2.8	—	Off the coast of Rikuzen
"	24	4	5	8	1	41	—	4 07 25	-305	6.7	770	Off the coast of Sanriku
"	26	6	7	44	0	7	—	6 08 05	>4000	2.5	49	Northern part of Awaji-sima Island
"	26	6	36	5	0	6	—	6 36 49	+250	2.0	42	"
"	26	9	50	55	0	5	—	9 51 43	+ 12	1.4	35	"
"	26	19	32	39	0	6	—	19 32 49	+1513	1.6	42	Eastern part of Harima province
"	26	22	23	15	0	5	—	22 24 06	+ 25	1.6	35	Bay of Osaka
"	28	2	20	15	0	5	—	2 20 21	+ 25	1.0	42	Northern part of Awaji-sima Island
"	28	22	57	52	1	40	—	23 00 44	+ 20	4.8	770	South off the coast of Kyusyu
"	29	10	26	10	0	12	—	10 26 27	+ 33	1.2	90	In the Kii channel
XII	2	12	22	15	1	10	—	12 23 28	- 8	4.2	550	Hyuga-nada
"	3	0	14	3	0	6	—	0 14 10	+ 17	0.6	42	Northern part of Awaji-sima Island
"	3	19	29	3	—	—	—	19 37 55	+ 60	6.0	—	A distant earthquake
"	6	18	40	33	—	—	—	18 46 38	+ 25	6.0	—	"
"	13	21	30	3	—	—	—	22 06 50	- 12	24.0	—	"
"	14	16	59	24	5	11	3 0	17 09 01	+ 32	19.2	3930	"
"	16	13	27	52	0	7	—	13 28 00	+ 14	1.0	49	In the Kii channel
"	16	21	20	45	1	7	—	21 22 17	+108	4.4	530	SE. off the coast of Honsyu
"	20	18	51	46	4	10	—	18 58 58	- 25	9.1	2370	A distant earthquake
"	22	16	7	24	1	33	—	16 13 18	+ 70	9.1	710	The East coast of Honsyu
"	26	20	25	37	—	—	—	20 29 45	+ 73	14.4	—	A distant earthquake
"	28	21	41	48	1	7	—	21 45 00	+428	5.8	530	Higo province
"	28	22	47	18	1	8	—	22 49 57	+120	4.8	530	"
大 正 六 年 (1917)												
I	4	16	54	58	3	41	—	17 14 20	+125	12.0	1900	Nantoo, Formosa
"	6	14	15	57	0	7	—	14 16 38	+ 40	1.4	49	Northern part of Awaji-sima Island
"	16	23	31	18	1	2	—	23 33 18	+168	5.8	490	Off the coast of Iwaki
"	20	9	18	36	—	—	—	9 20 51	+ 20	5.8	—	Near sea of Amami-Osima Island
"	20	17	40	47	1	10	—	17 42 23	+ 73	4.3	550	Off the coast of Iwaki
"	20	23	20	19	6	42	5 34	23 32 35	+ 55	13.4	5530	Near Bali Island
"	24	0	52	7	5	3	—	0 59 46	-248	11.0	2700	Near Han-kaw, China
"	26	5	15	13	4	9	4 2	5 26 02	+ 75	21.7	3930	A distant earthquake
"	27	1	21	19	—	—	—	1 22 09	- 40	3.4	—	The East coast of Honsyu

時刻

本表ノ時刻ハ觀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