

大阪地震累年報

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



月 Date	日	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 K.M.	震央 Epicenter
		h.	m.	s.	P-Sor m.	P-L s.	S-L m.	S-L s.	時 h.	M. m.	s.				
XI	1	3	17	23	0	58	—	—	3	18	45	+19	4.4	460	Off the coast of Iwaki
"	4	12	12	7	8	41	8	5	12	38	50	-245	16.8	8470	A distant earthquake
"	9	22	44	6	0	52	—	—	22	45	59	-34	3.6	410	Off the coast of Iwaki
"	15	15	2	50	2	2	—	—	15	05	49	+43	6.0	830	Off the coast of Sanriku
"	16	3	31	35	9	43	9	5	4	02	51	+128	21.6	8090	Tonga Island
"	16	22	24	32	5	29	—	—	22	36	56	-100	19.2	2870	A distant earthquake
"	18	3	4	4	5	0	—	—	3	11	06	-243	25.9	2680	"
"	24	11	16	6	4	12	—	—	11	20	50	-120	18.4	2350	"
"	24	19	33	18	4	2	—	—	19	41	03	-80	7.2	1770	East off the coast of Formosa
XII	6	11	39	27	2	34	—	—	11	42	41	-35	5.8	1150	Off the coast of Sanriku
"	17	22	18	44	0	27	—	—	22	19	35	+910	4.0	190	Kumano-nada
"	18	12	26	17	0	23	—	—	12	26	55	+148	1.4	160	"
"	21	18	2	30	9	42	7	45	18	21	05	-170	24.0	7170	A distant earthquake

大 正 七 年 (1918)

I	15	16	36	21	—	—	—	—	16	41	11	-30	7.2	—	A distant earthquake
"	17	12	9	57	—	—	—	—	12	13	23	+30	4.8	—	Off the coast of Izu
"	17	18	4	36	0	19	—	—	18	05	38	-93	2.4	138	Districts of Kinai
"	18	10	42	0	—	—	—	—	10	48	34	-55	6.7	—	A distant earthquake
"	24	12	16	20	1	16	—	—	12	19	28	+25	6.7	590	Kasima-nada
"	30	21	21	5	2	2	—	—	—	—	—	>4000	—	925	Off the coast of Okujiri Island
II	4	18	2	50	5	59	4	26	18	15	31	-12	18.6	4810	A distant earthquake
"	7	5	26	27	4	38	—	—	5	33	12	-336	10.8	2538	East off mindanao Island
"	9	20	48	35	1	36	—	—	20	51	21	-243	4.8	736	Kasima-nada
"	13	2	40	39	10	49	9	15	3	05	59	+27	19.2	8594	A distant earthquake
"	13	6	11	36	3	48	—	—	6	18	16	+5750	24.0	2210	Swatow, China
"	13	20	30	33	3	56	—	—	20	39	51	-55	9.6	2263	"
"	18	15	43	46	—	—	—	—	15	45	03	+32	6.3	—	—
"	26	0	53	50	0	19	—	—	0	55	27	-35	2.4	138	Northern part of Toa province
"	26	2	54	1	0	18	—	—	2	54	41	+7	1.5	131	"
III	19	6	4	57	7	45	7	25	6	23	49	-20	16.8	6671	A distant earthquake
"	22	5	58	37	6	56	—	—	6	09	28	-20	21.6	3440	"
"	23	0	16	3	3	2	—	—	0	19	17	-100	6.0	1910	"
"	24	5	19	3	—	—	—	—	5	28	37	-26	6.4	—	"
"	24	17	56	24	1	17	—	—	17	59	34	-28	4.0	571	Off Bōsō peninsula
"	25	4	29	46	1	36	—	—	4	32	48	-62	7.2	736	"
"	27	3	57	22	—	—	—	—	4	04	23	+75	5.0	80	Sintiku, Formosa
"	31	10	23	15	0	11	—	—	10	24	24	-245	1.6	80	Southern part of Yamato
IV	2	3	34	23	0	43	—	—	3	36	04	+450	4.8	320	Hyuga-nada
"	10	2	6	12	1	46	—	—	2	08	46	-1555	5.2	780	Western part of Japan sea
"	15	8	39	18	—	—	—	—	8	47	20	-21	6.6	—	—
"	17	5	11	49	0	55	—	—	5	14	13	-20	7.0	400	In the Bungo channel
"	18	2	36	52	0	55	—	—	2	38	30	-65	3.2	410	Bay of Tokyo
"	18	22	23	24	0	56	—	—	22	24	46	-52	3.8	410	"
"	21	22	45	11	10	22	10	14	23	12	01	+15	15.0	8800	South California, North America

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

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-SorP-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 K.M.	震 央 Epicenter
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
IV 30	17	27	43	0	5	—	—	17	28	07	- 65	1.2	30	Southern part of Tanba province
V 4	6	10	24	3	41	—	—	6	22	14	+ 48	14.4	2160	South off the coast of Formosa
" 4	13	36	52	—	—	—	—	13	45	19	+ 25	7.2	—	East coast of Honsyu
" 7	6	30	14	0	59	—	—	6	31	55	- 27	4.2	530	Eastern part of Simosa province
" 11	20	39	38	0	39	—	—	20	40	33	+ 25	5.2	290	Off SE. coast of Honsyu
" 16	6	24	47	0	17	—	—	6	25	24	- 29	1.6	190	Central part of Inland sea
" 19	17	38	58	3	49	—	—	17	53	52	- 28	3.8	2210	A distant earthquake
" 20	14	58	33	17	53	20	33	14	54	51	- 32	24.0	15800	Chile, south America
" 20	18	11	10	6	2	—	—	18	20	21	-363	14.9	3080	Marianne Islands
" 22	6	41	47	8	33	7	31	7	01	19	+ 22	7.5	7020	A distant earthquake
" 23	12	11	18	13	26	13	5	12	47	59	+ 22	12.0	11120	" " "
" 27	14	45	0	0	35	—	—	14	45	57	+ 10	2.6	260	In the sea of Aki
" 31	5	8	40	1	26	—	—	5	10	54	+ 37	7.0	630	East coast of Honsyu
" 31	5	22	0	1	19	—	—	5	24	19	+ 72	7.2	580	"
" 31	8	49	54	2	58	—	—	8	53	52	+ 55	5.0	1310	SE. off the coast of Hokkaido
" 31	11	55	46	1	27	—	—	11	57	25	- 66	4.0	620	Off the coast of Awa
VI 1	8	26	50	1	17	—	—	8	29	07	+115	5.7	570	East coast of Honsyu
" 1	23	29	6	0	34	—	—	23	29	52	- 19	3.8	250	Off the coast of Iwaki
" 2	5	47	9	0	58	—	—	5	48	26	+ 10	5.0	430	East coast of Honsyu
" 4	4	11	28	6	17	6	15	4	27	48	- 30	17.3	5640	A distant earthquake
" 4	17	23	1	9	26	9	31	17	50	39	- 25	19.2	8150	"
" 5	13	8	34	—	—	—	—	13	10	14	- 9	1.5	—	Hyuga-nada
" 7	4	59	24	—	—	—	—	5	11	41	- 10	6.2	—	Northern part of Formosa
" 8	20	19	55	4	58	4	43	20	34	55	- 10	9.6	4520	A distant earthquake
" 10	15	43	44	—	—	—	—	15	53	04	+ 25	7.5	—	"
" 11	15	19	56	—	—	—	—	15	23	20	+ 5	4.6	—	Southern part of Kyusyu
" 11	19	2	32	—	—	—	—	19	02	51	- 5	1.0	—	—
" 16	5	19	52	—	—	—	—	5	38	17	- 15	14.4	—	A distant earthquake
" 17	13	15	47	—	—	—	—	13	16	19	+ 12	1.0	—	Near lake of Biwa
" 21	5	59	4	—	—	—	—	6	06	02	- 20	5.0	—	A distant earthquake
" 24	2	26	21	0	51	—	—	2	27	42	+ 17	3.0	380	South Eastern part of Honsyu
" 24	14	56	41	—	—	—	—	15	06	40	+ 8	4.3	—	A distant earthquake
" 26	13	46	57	0	48	—	—	13	48	28	-1703	3.2	350	Yamura-che, Kai province
" 26	21	39	54	—	—	—	—	21	59	09	- 10	14.4	—	A distant earthquake
VII 1	6	14	15	4	40	—	—	6	32	57	-148	16.8	2550	"
" 3	6	59	31	5	3	3	12	7	08	05	>2350	24.0	3960	East off New Guinea Island
" 8	10	29	39	6	3	5	55	10	44	03	-3880	16.8	5410	South off Sumatra Island
" 14	4	47	17	0	9	—	—	4	47	28	\pm 56	0.8	50	Districts of Kinai
" 15	16	24	48	—	—	—	—	—	—	—	—	—	—	A distant earthquake
" 16	20	16	28	—	—	—	—	—	—	—	—	—	—	"
" 16	21	34	1	0	38	—	—	20	35	02	+ 78	2.0	280	In the Bungo channel
" 21	3	19	32	1	22	—	—	3	22	06	-103	7.2	610	Off the coast of Awa
" 21	6	18	25	11	12	—	—	6	36	29	+145	21.1	5110	A distant earthquake
" 25	20	52	1	0	58	—	—	20	53	28	+2078	6.7	430	Kasima-nada
" 29	16	57	42	6	5	4	58	17	11	10	- 70	14.4	5840	A distant 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

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

月 Date	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 K.M.	震央 Epicenter
	h.	m.	s.	P-Sor-P-L m.	s.	S-I, m.	s.	時 h.	M. m.	s.				
VII 29	18	2	0	0	45	—	—	18	03	03	- 13	3.8	330	Kasima-nada
VIII 1	19	32	16	0	49	—	—	19	33	49	+ 29	2.1	360	Central part of Sagami province
" 8	9	57	34	—	—	—	—	10	10	18	- 83	25.0	—	A distant earthquake
" 15	12	24	28	5	48	2	18	12	34	10	>7277	26.5	3900	West off Caroline Island
" 15	15	33	27	5	43	2	38	15	43	53	- 80	19.2	4000	"
" 15	17	37	9	5	12	2	12	17	50	23	-426	19.2	3620	"
" 16	3	32	6	5	27	3	2	3	45	33	+ 70	16.8	4050	"
" 16	7	31	1	—	—	—	—	7	43	08	- 20	18.2	—	"
" 16	8	42	4	5	3	3	9	8	52	45	- 55	16.8	3940	"
" 16	9	32	38	—	—	—	—	9	44	28	- 25	14.4	—	"
" 16	10	42	36	—	—	—	—	10	55	41	- 20	14.4	—	"
" 18	6	11	27	—	—	—	—	6	25	21	- 15	14.4	—	"
" 20	2	46	2	2	34	—	—	2	51	34	- 25	13.4	1870	A distant earthquake
" 23	6	45	58	7	30	6	22	7	08	20	+132	14.4	6160	Marshall Island
" 26	11	45	52	0	25	—	—	11	46	43	+115	2.0	180	Central part of Kaga province
IX 1	14	11	29	0	16	—	—	14	11	56	+ 6	1.6	180	Off the coast of Kii
" 2	14	23	4	5	7	5	10	14	37	31	- 20	19.2	5250	A distant earthquake
" 5	7	13	1	—	—	—	—	7	23	58	- 42	13.4	—	"
" 7	17	20	23	3	29	—	—	17	24	57	>5363	22.0	2090	Off the SE. coast of Urup Island
" 7	18	32	59	3	30	—	—	18	42	04	- 12	9.6	5090	"
" 7	19	16	49	3	31	—	—	19	21	18	+ 16	5.0	2100	"
" 7	20	22	49	—	—	—	—	—	—	—	—	—	—	"
" 7	20	30	35	—	—	—	—	—	—	—	—	—	—	"
" 7	20	49	10	—	—	—	—	—	—	—	—	—	—	"
" 8	0	14	4	3	33	—	—	0	18	44	+ 35	6.0	3110	"
" 8	5	42	46	3	50	—	—	5	49	11	-120	19.2	2220	"
" 11	4	14	34	—	—	—	—	4	30	21	- 55	14.4	—	"
" 12	13	20	6	—	—	—	—	13	29	39	- 45	12.0	—	"
" 13	9	9	34	1	22	—	—	9	11	34	+190	4.8	610	Off the coast of Iwaki
" 14	17	7	50	3	48	—	—	17	15	38	-355	19.2	2210	Off the coast of Urup Island
" 15	7	1	53	—	—	—	—	7	03	53	+ 60	5.2	—	SE. off the coast of Hyuga
" 22	10	3	40	—	—	—	—	10	06	28	+ 15	3.8	—	A distant earthquake
" 22	13	3	3	—	—	—	—	13	05	31	+ 10	3.0	—	Off the coast of Urup Island
" 22	13	53	7	—	—	—	—	13	58	04	- 40	3.8	—	South off the coast of Yectorop Island
" 25	9	41	41	1	10	—	—	9	43	00	+ 5	2.2	520	Kasima-nada
" 29	12	17	40	11	26	10	26	12	50	09	- 10	19.2	9300	A distant earthquake
" 30	13	41	36	—	—	—	—	13	52	41	- 20	16.8	—	"
" 30	16	12	58	—	—	—	—	16	22	10	+ 12	9.6	—	"
" 30	18	2	38	—	—	—	—	18	12	34	- 25	5.0	—	"
" 30	18	46	13	—	—	—	—	19	10	25	- 25	18.2	—	"
X 2	0	27	50	6	8	—	—	0	35	05	- 70	5.3	3130	"
" 2	13	28	2	—	—	—	—	13	35	55	+ 20	5.2	—	"
" 4	2	57	28	1	5	—	—	2	59	04	- 70	3.0	480	Eastern part of Musasi province
" 9	6	34	6	—	—	—	—	6	35	10	- 32	1.5	—	In the Kii channel
" 9	9	26	41	—	—	—	—	9	41	12	+ 13	10.5	—	A distant 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

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



月 Date	發震時 P.			第一初期 P-S or 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 Distance K.M.	震央 Epicenter
	h.	m.	s.	m.	s.	m.	s.	h.	m.	s.				
X 11	14	33	53	16	50	17	51	15	28	40	-478	24.0	14200	Near Havana, West Indies
" 14	12	11	56	9	23	9	44	12	43	24	+10	19.2	8220	A distant earthquake
" 15	3	31	21	1	5	—	—	3	33	14	+50	4.8	480	Kasima-nada
" 16	20	13	4	—	—	—	—	20	24	01	-45	9.6	—	A distant earthquake
" 27	15	36	17	7	10	6	12	15	55	44	-75	20.2	5960	"
" 27	17	14	9	5	24	3	5	17	27	24	-624	20.6	4050	"
" 31	18	23	54	0	5	—	—	18	24	03	+234	0.6	30	Bay of Osaka
XI 8	4	41	55	3	44	—	—	4	46	48	>5250	21.6	2180	SE. off the coast of Hokkaido
" 10	17	59	8	0	50	—	—	18	00	51	+480	4.2	370	Near Omati, Sinano province
" 10	18	17	0	0	48	—	—	18	18	10	-355	4.8	350	"
" 11	7	3	54	0	51	—	—	7	04	53	-3177	6.7	370	"
" 11	13	22	22	—	—	—	—	13	27	22	-50	5.3	—	SE. off the coast of Kyusyu
" 11	15	2	55	0	51	—	—	15	04	38	+47	4.8	370	Near Omati, Sinano
" 12	13	57	50	0	50	—	—	13	59	40	-17	3.0	370	"
" 12	18	54	8	0	50	—	—	18	55	31	+13	3.3	370	"
" 14	16	11	36	—	—	—	—	16	18	37	-28	9.6	—	A distant earthquake
" 18	18	49	42	6	9	9	37	19	04	14	-5610	19.2	5720	Near New Guinea
" 21	1	39	46	—	—	—	—	1	45	24	-17	5.0	—	A distant earthquake
" 22	15	52	3	4	30	—	—	16	00	48	-80	18.2	2480	"
" 23	23	5	42	5	56	—	—	23	15	06	-638	9.6	3040	"
" 24	10	36	56	—	—	—	—	10	39	42	-60	7.2	—	Hyuga-nada
" 24	19	57	14	0	48	—	—	19	58	21	+65	4.8	350	Near Omati-Sinano
" 26	2	29	57	—	—	—	—	2	31	54	+14	9.2	—	"
" 26	7	6	20	0	48	—	—	7	07	27	-13	3.0	350	"
" 26	8	39	20	0	48	—	—	8	40	14	+30	4.6	350	"
" 28	5	38	58	—	—	—	—	5	43	37	+15	5.0	—	A distant earthquake
" 28	19	5	8	0	50	—	—	19	06	28	-37	3.0	370	East coast of Honsyu
" 30	6	56	11	—	—	—	—	7	11	01	-75	15.4	—	A distant earthquake
XII 1	2	44	12	8	58	8	7	3	07	44	-78	14.4	7420	"
" 1	13	36	23	0	4	—	—	13	36	29	+38	1.5	20	Bay of Osaka
" 4	12	8	29	19	8	18	31	13	32	08	-258	23.0	17780	Chile, South America
" 6	8	52	18	—	—	—	—	—	—	—	—	—	—	A distant earthquake
" 9	17	50	41	—	—	—	—	17	51	48	+50	2.4	—	—
" 9	18	47	7	—	—	—	—	18	58	48	+31	3.4	—	Hyuga-nada
" 11	14	49	44	0	3	—	—	14	49	48	+69	0.8	20	Bay of Osaka
" 13	21	35	6	—	—	—	—	21	39	00	-50	4.8	—	Far off the coast of Sanriku
" 21	9	42	18	0	48	—	—	9	43	34	-45	5.0	350	—
" 22	21	4	20	1	6	—	—	21	07	13	-89	6.3	480	Off the coast of Iwaki
" 25	10	28	52	6	5	—	—	10	37	11	-55	5.3	3100	A distant earthquake
" 31	5	30	41	0	38	—	—	5	32	07	-190	3.8	280	South off the coast of Toootomi
大 正 八 年 (1919)														
I 1	1	39	40	5	24	—	—	1	49	09	+2850	24.0	2840	Guam Island, Micronesia
" 1	3	10	55	9	19	7	46	3	31	47	+4678	24.4	7420	Marshall Islands
" 6	22	33	26	7	19	6	1	22	54	16	-82	19.2	5950	A distant earthquake

時刻 本表ノ時刻ハ新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