DOMINION OBSERVATORY
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12 JUL 1957
WELLINGTON, N.Z.

International Seismological Centre

大 阪 管 区

地 震 月 報

昭和３１年１月

The Monthly Report of Earthquakes

January **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,

SEISMOLOGICAL OBSERVATORY,

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

International Seismological Centre

APPENDIX 附 錄

Remarks （補 註）

S. I : Scale of Seismic Intensity (Japanease) 日本震度階級

( ) in S.I : Felt shock with in the city limit Unfelt within Station 気象官署では感じないが市中で感じたもの

Pha : Phase of in initial record 最初の記象の相

i (in Pha): inpetuo = sharp record (Phaの補) 記象の鮮明なもの

e (in Pha): emersio = gradual or indistinct record (〃) 記象の不鮮明なもの

E (in Pha): Recorded only E−W Seismometer (〃) 東西動成分

N (〃): Recorded only N−S Seismometer (〃) 南北動成分

H (〃): Recorded only Horizontal Seismometer (〃) 水平動成分

Z (〃): Recorded only Vertical Seismometer (〃) 上下動成分

Time : Time of Occarence at Station 観測所の発震時

Initial M : Initial motion 初 動

+(−) (in Initial M.) : North (South) or East (West) direction of Initial motion 初動の方向の北(南)或は東(西)

μ (in Initial mand madimum amp): micron （初動及び最大振幅）ミクロン

P ~ S : Duration of Preliminary 初期微動

P ~ F : Vibration time 総震動時間

Remarks (in Seismometrical Report): Epicenter and others 記事（地震観測表）震央その他

φ (in Remarks): Latitude of Forcus (Remarksの補) 震源地の緯度

λ (〃): Longitade of Forcus (〃) 震源地の経度

D (〃): Depth of Forcus (〃) 震源地の深さ

U.S.C.G.S. : United State of Coast and Geodetic Survey. アメリカ合衆国沿岸測地局

International Seismological Centre

観測所一覧表 List of Stations 1

Station	Latitude N	Longitude E	Hight m	Station	Latitude N	Longitude E	Hight m
Hamada	34° 54′	132° 04	18 8	Ōsaka	34° 39′	135° 32′	5 1
Hikone	35 16	136 15	88 8	Sakai	35 33	133 14	2 0
Himeji	34 50	134 42	17 6	Shimizu	32 47	132 58	3 6
Hiroshima	34 22	132 26	29 7	Shionomisaki	33 27	135 46	74 3
Ibukiyama	35 25	136 24	162 3	Sumoto	34 20	134 54	109 6
Kōchi	33 34	133 33	40 4	Sukumo	32 55	132 42	47 1
Kōbe	34 41	135 11	58 8	Tadotsu	34 16	133 45	4 0
Kyōto	35 01	135 44	42 6	Takamatsu	34 19	134 03	9 6
Kure	34 14	132 34	27 5	Tokushima	34 04	134 35	1 8
Maizuru	35 28	135 23	31 2	Tottori	35 31	134 11	17 7
Matsue	35 27	133 04	18 0	Toyooka	35 32	135 49	32 0
Matsunaga	34 27	133 15	1 5	Tsurugiyama	33 51	134 06	56 1
Matsuyama	35 50	132 47	32 4	Tsuyama	35 04	134 01	145 4
Murotomisaki	33 15	134 11	185 3	Umajima	33 14	132 33	43 4
Nara	34° 41′	135° 50′	105 0	Wakayama	34 14	135 10	14 3
Okayama	34 41	133 55	3 8	Yonago	35 26	133 21	7 1

観測所一覧表 List of Station 2

Number	Station		Number	Station	
滋賀県 Shiga Pref			11	政所	Mandokoro
1	竹生島	Chikubujima	12	水口	Minakuchi
2	八幡	Hachiman	13	中河内	Nakanokawachi
3	*彦根	*Hikone	14	大津	Otsu
4	日野	Hino	15	多羅尾	Tarao
5	*伊吹山	Ibukiyama	16	土山	Tsuchiyama
6	市場	Ichiba	17	吉槻	Yoshitsuki
7	今津	Imazu	京都府 Kyōto Pref		
8	堅田	Katada	18	綾部	Ayabe
9	木ノ本	Kinomoto	19	知井	Chii
10	北小松	Kitakomatsu	20	福知山	Fukuchiyama

number	Station		number	Station	
21	比叡山	Hieizan	50	市村	Ichimura
22	伊根	Ine	51	家島	Iejima
23	木津	Kizu	52	生野	Ikuno
24	河守	Kōmori	53	岩屋	Iwaya
25	雲ケ畑	Kumogahata	54	出石	Izushi
26	黒田	Kuroda	55	柏原	Kashihara
27	*京都	*Kyōto	56	神戸村	Kambemura
28	舞鶴	Maizuru	57	上郡	Kamigōri
29	峰山	Mineyama	58	香住	Kasumi
30	宮津	Miyazu	59	城崎	Kinosaki
31	瑞穂	Mizuho	60	*神戸	*Kōbe
32	中上林	Nakakambayashi	61	三木	Miki
33	大河原	Ōgawara	62	村岡	Muraoka
34	下和知	Shimowachi	63	灘	Nada
35	周山	Shūzan	64	中町	Nakanochō
36	園部	Sonobe	65	西ノ宮	Nishinomiya
37	問人	Taiza	66	西脇	Nishiwaki
38	宇治田原	Ujidawara	67	西谷	Nishitani
大阪府 Ōsaka Pref			68	六甲山	Rokkōsan
39	池田	Ikeda	69	佐岩	Saji
40	天王	Tennō	70	志筑	Shizuki
41	上之郷	Kaminogo	71	三田	Sanda
42	岸和田	Kishiwada	72	篠山	Sasayama
43	*大阪	Ōsaka	73	*洲本	*Sumoto
44	鳳	Ōtori	74	田原	Tahara
45	東郷	Tōgō	75	高砂	Takasago
46	富田林	Tondabayashi	76	龍野	Tatsuno
兵庫県 Hyōgo Pref			77	富島	Tojima
47	明石	Akashi	78	*豊岡	*Toyooka
48	浜坂	Hamasaka	79	都志	Tsushi
49	*姫路	*Himeji	80	和田山	Wadayama

Number	Station		Number	Station	
81	山崎	Yamazaki	110	新宮	Shingū
	奈良県 Nara Pref		111	*潮岬	*Shionomisaki
82	洞川	Lorogawa	112	白浜	Shirahama
83	五条	Gojyō	113	田殿	Tadono
84	榛原	Haibara	114	田辺	Tanabe
85	川上	Kawakami	115	*和歌山	*Wakayama
86	荒神岳	Kōjindake	116	八幡	Yahata
87	南之庄	Minaminosyō		岡山県 Okayama Pref	
88	*奈良	*Nara	117	千屋	Chiya
89	王寺	Ōji	118	福渡	Fukuwatari
90	尾山	Oyama	119	古町	Furumachi
91	大淀	Ōyodo	120	行方	Gyōhō
92	曽爾	Sone	121	垪和	Hata
93	玉置山	Tamakiyama	122	原田	Harada
94	寺垣内	Terakaido	123	林野	Hayashino
95	八木	Yagi	124	上長田	Kaminagata
96	前鬼	Zenki	125	笠岡	Kasaoka
	和歌山県 Wakayama Pref		126	北木島	Kitakijima
97	*御坊	Gobō	127	小中原	Konakahara
98	東野上	Higashinogami	128	倉見川	Kuramigawa
99	日置	Hiki	129	倉敷	Kurashiki
100	市鹿野	Ichikano	130	久世	Kuze
101	色川	Irokawa	131	三石	Mitsishi
102	岩出	Iwade	132	長島	Nagashima
103	川上	Kawakami	133	岡田	Okada
104	清川	Kiyokawa	134	*岡山	*Okayama
105	高野山	Kōyasan	135	興津	Okutsu
106	栗栖川	Kurisugawa	136	恩原	Onbara
107	三里	Misato	137	西大寺	Saidaiji
108	龍神	Ryūjin	138	下砦部	Shimoazabe
109	七川	Shichigawa	139	新見	Shinmi

number	Station		number	Station	
140	周 西	Susai	170	呉	Kure
141	玉 島	Tamashima	171	黒 瀬	Kurose
142	東 / 崎	Tōnosaki	172	早 津	Kusatsu
143	津 山	Tsuyama	173	松 永	Matsunaga
144	宇 治	Uji	174	三 原	Mihara
145	牛 窓	Ushimado	175	御 調	Mitsugi
146	和 気	Waka	176	三 次	Miyoshi
147	矢 神	Yagami	177	七 塚	Nanatsuka
148	矢 掛	Yakage	178	大 朝	Ōasa
149	山 興	Yamaoka	179	豊	Yutaka
150	湯 本	Yumoto	180	大 竹	Otake
広島県 Hiroshima Pref			181	佐 伯	Saeki
151	千 代 田	Chiyoda	182	西 条	Saijyō
152	江 田 島	Etajima	183	瀬 野	Seno
153	布 野	Funo	184	世 羅 西	Seranishi
154	廿 日 市	Hatsukaichi	185	庄 原	Shōbara
155	*広 島	*Hiroshima	186	帝 釈	Taishaku
156	広 谷	Hirotani	187	高 野	Takano
157	久 比	Kuhi	188	竹 原	Takehara
158	比 和	Kiwa	189	豊 栄	Toyosaka
159	井 原	Ihara	190	油 水	Uki
160	美 土 里	Midori	191	八 幡	Yahata
161	因 島	Innoshima	192	八 鉾	Yahoko
162	上 下	Jōge	193	吉 和	Yoshiwa
163	可 部	Kabe	島根県 Shimane Pref		
164	加 計	Kakei	194	赤 名	Akana
165	神 田	Kanda	195	赤 屋	Akaya
166	神 辺	Kannabe	196	知 夫	Chibu
167	河 内	Kōchi	197	大 東	Daitō
168	甲 山	Kōzan	198	恵 曇	Etomo
169	倉 橋	Kurahashi	199	五 箇	Goka

number	Station		number	Station	
200	江津	Gōtsu	230	法勝寺	Hōshoji
201	*浜田	*Hamada	231	湖山	Kozan
202	波佐	Kaza	232	国英	Kunifusa
203	匹見	Kikimi	233	三朝	Misasa
204	平田	Hirata	234	名和	Nawa
205	広瀬	Hirose	235	根雨	Neu
206	市木	Ichigi	236	境	Sakai
207	市山	Ichiyama	237	関金	Sekigane
208	出羽	Izuwa	238	鹿野	Shikano
209	掛合	Kakeya	239	大成	Taisei
210	川本	Kawamoto	240	東伯	Tohaku
211	窪田	Kubota	241	*鳥取	*Tottori
212	*松江	*Matsue	241	若桜	Wakasa
213	三成	Minari	243	*米子	*Yonago
214	三隅	Misumi	徳島県 Tokushima Pref		
215	六日市	Muikaichi	244	坂東	Bandō
216	日原	Nichihara	245	福原	Fukuhara
217	大田	Ōda	246	日和佐	Hiwasa
218	*西郷	*Saigō	247	市場	Ichiba
219	志学	Shigaku	248	一宇	Ichiu
220	塩谷	Shioya	249	池田	Ikeda
221	大社	Taisha	250	岩倉	Iwakura
222	津和野	Tsuwano	251	川井	Kawai
223	浦郷	Uragō	252	木頭	Kito
224	八束	Yatsuka	253	小松島	Komatsujima
225	吉田	Yoshida	254	鳴門	Naruto
鳥取県 Tottori Pref			255	鬼籠野	Orono
226	阿毘縁	Abiki	256	桜谷	Sakuradani
227	青谷	Aoya	257	芝生	Shibō
228	智頭	Chizu	258	宍喰	Shishikui
229	日野上	Hinokami	259	*徳島	*Tokushima

number	Station		number	Station	
260	椿泊	Tsubakidomari	289	西条	Saijō
261	*剣山	*Tsurugiyama	290	瀬戸崎	Setozaki
262	横瀬	Yokose	291	下鍵山	Shimokagiyama
香川県 Kagawa Pref			292	新立	Shinritsu
263	五名	Gomyō	293	多喜浜	Takihama
264	引田	Hiketa	294	*宇和島	*Uwajima
265	美合	Miyai	295	宇和町	Uwa-machi
266	大角鼻	Ōsumihana	296	八幡浜	Yahatahama
267	塩江	Shionoe	297	横林	Yokobayashi
268	多度津	Todotsu	298	吉野	Yoshino
269	高松	Takamatsu	高知県 Kochi Pref		
270	滝宮	Takinomiya	299	安芸	Aki
271	土庄	Tonoshō	300	天坪	Amazubo
272	豊浜	Toyohama	301	長者	Chōja
愛媛県 Ehime Pref			302	江川崎	Egawazaki
273	伊方	Ikata	303	東豊永	Higashitoyonaga
274	岩松	Iwamatsu	304	東津野	Higashitsuno
275	川上	Kawakami	305	本川	Hongawa
276	菊間	Kikuma	306	池川	Ikekawa
277	久万	Kuma	307	地蔵寺	Jizoji
278	*松山	*Matsuyama	308	*高知	*Kōchi
279	三島	Mishima	309	窪川	Kubokawa
280	御荘	Mishō	310	槙山	Makiyama
281	長浜	Nagahama	311	三原	Mihara
282	中津	Nakatsu	312	本山	Motoyama
283	中山	Nakayama	313	*室戸岬	*Murotomisaki
284	鈍川	Nibukawa	314	長岡	Nagaoka
285	野村	Nomura	315	中村	Nakamura
286	小田町	Odamachi	316	野根	None
287	大保木	Ōfuki	317	越知	Ochi
288	大洲	Ōsu	318	*清水	*Shimizu

number	Station		number	Station	
320	* 宿毛	* Sukumo	328	夜須	Yasu
320	須崎	Susaki	328	椿原	Yasuhara
321	大正	Taishō	三重県 Mie Pref		
323	高岡	Takaoka	330	* 亀山	* Kameyama
324	田野	Tano	330	* 尾鷲	* Owashi
325	富山	Tomiyama	331	* 津	* Tsu
325	津大	Tsudai	愛知県 Aichi Pref		
326	魚梁瀬	Yanaze	333	* 名古屋	* Nagoya

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131°
132°
133°
Tottori Pref
Shimane Pref
Hiroshima Pref
Okayama Pref
Yamaguchi Pref
Kagawa
Kyūshū area
Ehime Pref
Kōchi Pref
Toku
観測所
⊙ Seis

International Seismological Centre

135°
136°
137°
Fukui Pref
Kyōto Pref
Hyōgo Pref
Aichi Pref
Shiga Pref
Ōsaka Pref
Mie Pref
Nara Pref
Wakayama Pref
Pref

図 （近畿、中国、四国地方）

Map of Station

ter · No Seismometer

昭和31年1月　　January 1956

地震観測表　Seismometrical Report

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amn N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
1	Wakayama	0	ePE	00 36 27.9	〃 〃 〃	1.0	〃 6 〃	S S S	12	
1	Fukuyama	1	iP	01 59 29.1		9.8	40 52	- -	1 00	
	Kuwajima	I	iP	59 29.6	±38	9.4			1 20	足摺岬沖
	Shimizu	I	iP	59 29.9	(-) (+) (+)	10.7	58 57	- -	5 30	
	Matsuyama	0	epN	59 38.6		11.0			3 10	S coast of
	Tokushima	0	P	59 41.5		31.2			3 30	
	Hiroshima	0	ep	59 44.2		25.9			2 30	Ashizuri-
	Kōchi	0	ep	59 46.8		19.5	13 9 8	20 22 17	3 00	misaki
	Hamada	0	ep	59 53.7		26.7			5 00	
	Sumoto	0	epN	02 00 00.0		44.9			2 30	
	Takamatsu	0	ep	00 02.7		29.0			4 40	
	Wakayama	0	e	00 04.1					2 30	
	Murotomisaki	0	P	00 06.1		15.8			1 30	
	Nara	0	ep	00 14.2					5 00	
	Ōsaka	0	ep	00 29.0					3 10	
	Kameyama	0	ep	00 31.4		52.6			4 00	
	Kyōto	0	ep	00 32.3		54.9			3 00	
	Owashi	0	ep	00 39.9					2 00	
	Hikone	0	P	00 53.9		1 01.6			3 30	
1	Wakayama	0	ep	05 53 29.8		07	2 3	- -	7	
1	Ibukiyama	0	epE	06 16 01.2					4 00	
	Hikone	0	P	16 11.1		1 38.0			6 30	
	Nagoya	0	epE	16 15.4					8 10	
	Kameyama	0	ep	16 20.0		1 30.6				
	Kyōto	0	ep	16 21.2		1 40.3			4 00	
	Nara	0	ep	16 23.0					5 00	
	Takamatsu	0	eH	16 37.1					13 00	
1	Wakayama	II	iP	06 25 36.3	+2 +1 +1	6.2	175 175	- -	3 00	
	Shionomisaki	0	iP	25 36.5	-2 +1	6.9	44 30	04 04	1 40	和歌山県中部
	Owashi	I	ep	25 38.8	+1	7.6	10 10 10	- - -	1 20	
	Sumoto	0	iPHZ	25 39.5	(+) -1 +4	8.8	24	05	1 40	Central
	Ōsaka	0	ep	25 42.1		11.1			2 00	part of
	Nara	0	P	25 43.6		10.3			1 30	Wakayama
	Tokushima	0	P	25 45.6		8.4			2 30	Pref.
	Takamatsu	0	ep	25 47.6		17.4			2 50	
	Kyōto	0	ep	25 47.9		9.6			2 00	
	Murotomisaki	0	ep	25 49.0		15.5			1 10	
	Kameyama	0	ep	25 50.6		16.4			2 10	
	Hikone	0	P	25 50.8		19.7			2 00	
	Nagoya	0	epE	25 55.0		25.5			1 30	
	Kōchi	0	ep	26 05.0		15.0			55	
	Ibukiyama	0	epE	26 10.6					2 10	
1	Wakayama	I	ep	08 16 54.6		1.4	100 78	- -	50	和歌山附近

Date	Station	SI	PH	Time (J.M.T) h m s	Initial M. N E Z	P~S m s	Max. Amp. A·mp N E Z	Max. Amp. period N E Z	P~F h m s	Remarks
	Sumoto	0	PH	16 58.3	(±) μ μ	3.6	μ μ μ	s s s	25	near Wakayama
1	Wakayama	0	eP	22 22.00.4		13	9 8	- -	15	
1	Waka-yama	II	eP	22 55 37.2		1.1	300<200<	- -	1 30	和歌山附近
	Sumoto	0	PH	55 39.1		3.7	16	0.2	1 00	near
	Tokushima	0	P	55 45.3		7.0			1 40	Wakayama
	Takamatsu	0	eP	55 52.0		16.1			1 40	
	Shionomisaki	0	S	56 04.2					37	
	Kameyama	0	e	56 15.2					2 00	
1	Kyōto	0	eP	23 55 06.2		3.7			1 00	
2	Tokushima	0	iS	02 12 54.4					1 00	
	Sumoto	0	eP_H	12 56.1		5.8			30	
2	Kameyama	0	eP_E	08 16 15.9		7 05.6			32 00	
2	Wakayama	0	eP_N	15 04 21.9		1.0	9	-	12	
2	Wakayama	0	eP	32 40 20.1		1.0	3 2	- -	8	
3	Wakayama	0	eP	01 38 35.3		1.2	3 2	- -	12	
3	Wakayama	0	eP	02 42 04.1		3.3	2 2	- -	30	
	Sumoto	0	eP_N	42 04.1		6.4			30	
	Owashi	0	eP	43 01.7		8.3			35	
3	Wakayama	0	eP	03 06 16.1		0.6	3 4	- -	8	
3	Wakayama	0	eP	08 42 53.1		0.9	7 7	- -	15	
4	Kikone	0	eP	00 45 00.0		3 17.0			10 00	
	Nagoya	0	eP	45 32.4					5 50	
	Kameyama	0	eP_E	45 40.8		3 30.2			15 00	
	Kyōto	0	eP	45 45.1		3 51.0			5 00	
	Owashi	0	eP	45 47.5					2 50	
	Nara	0	P	45 47.8					7 00	
	Ōsaka	0	eP	45 48.2					10 00	
	Shionomsaki	0	eP	45 57.1					9 00	
1	Takamatsu	0	eP	45 57.8		4 01.7			14 00	
	Sumoto	0	eH	45 59.1					13 00	
	Hiroshima	0	eP_{HE}	46 04.9		4 04.4			12 40	
	Kōchi	0	eP	46 07.0		4 03.3			11 00	
	Matsuyama	0	eP_N	46 10.5						
	Shimizu	0	eH	46 14.0					3 50	
4	Wakayama	0	eP_E	12 56 26.1		0.5	18	-	20	
5	Waka-yama	0	eP	03 42 26.7		0.8	5 5	- -	10	
5	Shimizu	0	eP	04 36 45.2		1.34			1 50	
	Matsuyama	0	eP_N	37 09.4		1.20			1 00	
	Hiroshima	0	eHz	37 33.0					1 10	
5	Shionomisaki	0	eP	06 10 59.6	-8 +8	2.1			42	
5	Hikone	0	P	14 06 47.8		4.1 8			2 00	
	Ōsaka	0	eP	06 48.1					3 00	
	Kyōto	0	eP	06 49.4		3 8.1			2 00	
	Takamatsu	0	eP_E	06 55.9		4 9.4			3 20	
	Matsuyama	0	eP_E	07 04.7						
	Nagoya	0	eP_E	07 37.4					1 10	
5	Nagoya	0	eP_E	20 54 17.8		4.4			57 00	
	Hikone	0	P	54 21.6		44			1 00	
	Ibukiyama	0	iPE	55 24.8		0.7			22	

Date	Station	SI	PR	Time (J.M.T) h m s	Initial M N E Z	P~S m S	Max. Amp Amp N E Z	Max. Amp Period N E Z	P~F h m S	Remarks
5	Nagoya	0	$_{EP}$	21 12 47.1	μ μ μ	3.8	μ μ μ	S S S	50	
5	Sumoto	0	$_{EH}$	23 11 25.1					15	
6	Wakayama	0	EP	00 16 38.2		04	3 6	- -	7	
6	Wakayama	I	EP	01 47 57.7		09	31 20	- -	18	Local shock
6	Wakayama	I	$_{EP_N}$	03 31 35.2		07	35	-	20	Local shock
6	Wakayama	0	$_{EP_N}$	04 15 49.0		07	3	-	7	
6	Wakayama	0	$_{EP_N}$	05 30 28.5		06	5	-	12	
6	Nagoya	0	$_{EP_E}$	07 36 21.9					2 50	
7	Matsuyama	0	$_{EP_N}$	00 03 21.4		60			36	
7	Sumoto	I	$_{PHZ}$	05 22 48.5	±1 +1 (+)	26	10	02	40	Local shock
7	Nagoya	0	$_{EP_E}$	07 26 26.7		1 04.8	75 38.15	25 24.20	8 50	
	Ibukiyama	0	$_{EP_N}$	26 30.5					4 00	金華山沖
	Hikone	0	P	26 32.9		1 08.4			9 00	
	Hameyama	0	EP	26 33.5		1 08.0			12 00	Ecoast of
	Kyōto	0	EP	26 38.0		1 11.1			5 00	Iwate Pref
	Owashi	0	EP	26 42.9		1 26.0			6 00	
	Tojooka	0	$_{EP_{HZ}}$	26 43.9		1 11.6			6 00	$\varphi = 38.2N$
	Sumoto	0	$_{EP_{HZ}}$	26 53.3		1 27.3			7 00	$\lambda = 142.2E$
	Takamatsu	0	EP	27 08.8		1 37.6			7 00	$D = 60$ km
	Hiroshima	0	$_{EP_{HZ}}$	27 11.4		1 52.1			4 30	
	Matsuyama	0	$_{EP_E}$	27 15.0		1 48.0			9 10	
	Kōchi	0	EP	27 18.9		1 44.2			6 10	
	Shimizu	0	EH	27 40.0					7 00	
	Shionomisaki	0	EP	28 08.1					4 00	
	Kōbe	0	ES	28 14.5						
	Ōsaka	0	EN	28 17.5					6 00	
	Murotomisaki	0	EP	28 23.2		29.4			4 00	
7	Shionomisaki	0	EP	23 42 23.4	+2 ±2 -4	9.5			25	
	Wakayama	0	EP	42 31.5		15.1			1 20	
	Murotomisaki	0	EP	42 33.6		3.7			52	
	Sumoto	0	$_{PH}$	42 33.9		16.3			1 00	
	Owashi	0	EP	42 34.1		16.7			1 00	
	Takamatsu	0	EH	42 54.1					3 10	
8	Nagoya	0	$_{EP_E}$	01 04.5.9					53	
8	Wakayama	0	$_{EP_E}$	02 53 26.0		1.3	4	-	25	
8	Sumoto	0	$_{P_N}$	03 04 57.6		9.3			33	
8	Wakayama	I	EP	05 14 00.0		1.2	15 7	- -	20	Local shock
8	Wakayama	0	$_{EP_E}$	08 29 27.6		1.1	10	-	30	
8	Kōchi	0	EP	14 18 06.3	+3 +2	1.2			10	
8	Hameyama	0	EP	15 43 46.2		25			2 00	
8	Hamada	0	EP	16 37 10.7		38.8			4 00	
9	Hameyama	0	EP	06 14 14.5		2 59.2			8 00	
	Nagoya	0	$_{EP_N}$	14 20.0					2 50	
9	Kōchi	0	$_{EP_E}$	07 07 20.3		3 05.7			17 00	
9	Kōchi	0	EP	09 16 42.5		1.1			10	
9	Nagoya	0	$_{EP_E}$	13 23 25.5					1 50	
9	Nagoya	0	$_{EP_Z}$	21 15 59.1					4 00	
	Owashi	0	EP	16 08.0					11 00	
	Hameyama	0	EP	11 10.5		8 29.0			3200	

Date	Station	SI.	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m S	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
	Sumoto	0	eP	16 11.9		7 13 3			12 00	
	Shimizu	0	ePE	16 13 3		8 33 3			15 50	
	Hikone	0	P	16 13 4		8 28 5			15 00	
	Kōchi	0	eP	16 14 5	(+) (−) (+)	8 32 5			20 00	
	Takamatsu	0	eP	16 14 6		8 34 6			29 00	
	Matsuyama	0	eP_N	16 15.7						
10	Nikone	0	P	00 40 32 6		1 10 8		-	3 00	
10	Wakayama	0	eP	06 10 37.5		08	6 7	- -	7	
10	Wakayama	I	eP	09 47 03 4		1 4	250300100	- - -	3 30	
	Sumoto	0	iP_H	47 06 0	(-) +1 -2	42			40	和歌山附近
	Owaski	0	eP	47 16 6		10.0			39 00	near
	Takamatsu	0	eP	47 21 3		13 4			1 40	Wakayama
	Nikone	0	P	47 41.8					30	
10	Nagoya	0	eP_E	13 13 11.4					1 10	
10	Shionomisaki	0	eP	18 ~ ~						
	Owashi	0	eP	04 19 5					51 00	
	Kyōto	0	eP	04 21.2		9 41.1			1 00 00	
	Kochi	0	eP	04 22 6		10 00 3			1 26 00	
	Matsuyama	0	eP_N	04 25 7					55 30	
	Nagoya	0	eP_E	04 26 8					56 00	
	Takamatsu	0	eP	04 30 8		10 08 9			55 00	
	Sumoto	0	eP_H	04 33 4					1 00 00	
	Shimizu	0	eH	04 34 0					16 30	
	Kameyama	0	eP	04 36 8		9 54 9			1 12 00	
	Kōbe	0	eP	04 37 3		9 35 4			1 40 00	
	Nikone	0	P	04 42 5		9 32 4			1 20 00	
	Hiroshima	0	eP_E	04 43 5		9 28 5			1 06 00	
	Ōsaka	0	eN	05 19 9					13 00	
	Hamada	0	eP	07 06 4		6 18 7			1 20 00	
	Joyooka	0	eH	27 46 7						
10	Kōchi	0	eP	19 39 06 7					1 00	
11	Kōchi	0	eP_E	15 18 21.2		6 53 1	31 27	169136	36 00	
	Takamatsu	0	eP	18 30 4		9 49.7			32 00	
	Kyoto	0	eP	18 33 3		7 44.0			28 00	
	Kameyama	0	eP	18 47 2		8 58 8				
11	Hamada	0	eP	15 31 06 4		1 48 4			30 00	
	Matsuyama	0	eH_Z	31 18.8						
	Hiroshima	0	eS_N	32 29.1					19 00	
	Shionomisaki	0	e	33 19.0					19 00	
	Shimizu	0	eS_N	33 51.5					14 00	
	Kōbe	0	P	33 57 8						
	Sumoto	0	eL_H	34 18 7					15 00	
	Nikone	0	eL	35 11.0					6 00	
	Joyooka	0	eL_H	36 15 2						
11	Owashi	0	eP	15 39 58 9		35.6			3 00	
	Shionomisaki	0	eP	40 00 7	-15 +15	35.9			5 30	
	Nagoya	0	eP_N	40 02 0		38 5			6 00	
	Kameyama	0	eP_Z	40 02 1		38 9			10 00	
	Nara	0	P	40 04 8		42 4			6 10	

Date	Station	SI	PH	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp N E Z	Max. Amp. period N E Z	P~F h m s	Remarks
	Hibone	O	P	40 06.6	μ μ μ	43.8	μ μ μ	S S S	3 40	
	Kyōto	O	eP	40 06.8		44.7			4 00	
	Sumoto	O	eP_{HZ}	40 08.9		45.3			4 00	
	Takamatsu	O	eP	40 09.3		1 01.1				
	Tokushima	O	P	40 12.2		48.9			3 40	
	Kōchi	O	eP_E	40 22.5						
	Matsuyama	O	eP_N	40 29.8		1 01.0			4 00	
	Ōsaka	O	e	40 52.5						
12	Wakayama	O	eP	02 19 51.2		0.6	19 10	- -	20	
12	Shionomisaki	O	eP	02 51 12.2	(±) (+)	7.0	35 26	0404	1 00	
	Owashi	I	eP	51 16.6	+2	6.9	40 23 12	- - -	1 10	奈良県南部
	Sumoto	O	iP_{HZ}	51 19.8	+1 +1 -2	11.6			1 00	
	Tokushima	O	eP	51 23.7		11.6			1 20	S part of
	Kame-yama	O	eP	51 25.9		15.1			3 00	
	Kyōto	O	eP	51 26.8		14.9			2 00	Nara Pref
	Murotomisaki	O	eP	51 27.3		16.1			2 10	
	Takamatsu	O	eP	51 27.6		19.9			4 30	
	Hikone	O	P	51 28.8		21.5			1 20	
	Ōsaka	O	eP	51 34.3					1 20	
	Nara	O	eP	51 48.9 (23.9)		10.6			1 20	
	Wakayama	O	eP	51 57.0		7.9			1 30	
	Nagoya	O	eP_E	51 57.7					1 00	
12	Murotomisaki	O	e	03 28 58.0						
12	Wakayama	I	eP	16 12 00.7		1.0	17 21	- -	25	Local shock
12	Wakayama	O	eP	23 24 13.3		0.8	6 5	- -	10	
13	Kameyama	O	eP_N	02 10 46.5		6.8			1 00	
	Owashi	O	eP	10 47.2		7.1			1 00	
13	Wakayama	O	eP	03 24 56.8		1.2	9 8	- -	20	
13	Kōchi	O	eP_E	12 37 51.9					25 00	
	Sumoto	O	eL_N	43 01.0					18 00	
13	Owashi	O	eP	23 14 55.8		3.6			1 00	
14	Wakayama	O	eP	01 41 39.8		0.9	5 9	- -	10	
14	Murotomisaki	O	eP	10 23 54.7		2.0			7	
14	Murotomisaki	O	eP	12 45 57.8		1.3			11	
14	Shionomisaki	O	eP	13 45 07.4	-18	6.1			1 00	
	Owashi	O	eP	45 09.4		7.2			1 00	
	Sumoto	O	eP_N	45 22.4		15.3			1 00	
	Nagoya	O	eP_E	45 48.0					1 00	
	Takamatsu	O	eP_H	45 49.5					1 40	
14	Murotomisaki	O	eP	14 42 41.5		1.4			10	
14	Takamatsu	O	eP	23 16 36.7		2 34.0			7 50	
	Kōchi	O	eP	16 43.2		6 18.4				
14	Kyōto	O	eP_E	23 27 14.2		1 55.8			4 00	
	Nagoya	O	eP	27 19.3					21 20	
	Kameyama	O	eP_E	27 23.4		1 59.7			8 00	
	Takamatsu	O	eP_Z	27 23.6		2 32.1			12 00	
	Kōchi	O	eP_E	27 53.4					23 00	
15	Ibukiyama	I	eP_N	04 48 57.8		2.7				
	Hikone	I	eP	49 03.0		1.9	110 80	0.7 0.6	1 40	

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Σ	P~S m s	Max. Amp. Amp N E Σ	Max. Amp. Period N E Σ	P~F h m s	Remarks
	Omashi	0	eP	49 09.6	μ μ μ	5.6	μ μ μ	s s s	1 00	滋賀県東部
	Hameyama	0	eP	49 10.6		6.8			2 00	E part of
	Nagoya	0	eP_E	49 11.6		7.3			1 30	Shiga Pref
	Kyōto	0	eP	49 14.3		7.2			2 00	
	Nara	0	P	49 29.1					2 00	
15	Ibukiyama	0	eP	04 49 33.8					1 10	
15	Wakayama	I	eP_N	22 36 08.4		0.6	11		12	Local shock
16	Sumoto	0	eP_{HZ}	16 57 33.5		2.9			20	和歌山附近
	Wakayama	I	eP	57 35.8		1.4	125 70	- -	50	Near Wakayama
16	Wakayama	0	eP	17 02 17.4		0.8	15 20	- -	10	
16	Takamatsu	0	eE	23 32 52.4					4 20	
16	Wakayama	0	eP	23 39 14.3		0.8	3 5	- -	8	
17	Wakayama	0	eP_E	07 57 37.7		2.1	12	-	20	
17	Nagoya	0	eP_N	08 26 35.7		4.9			48	
	Kameyama	0	eP	26 36.1		5.0			1 00	
17	Kameyama	0	eP	08 51 20.4		9 14.5			2 09 00	
	Kyōto	0	eP	53 37.6					1 10 00	
	Hikone	0	eP	56 58.8					2 00 00	
	Hiroshima	0	eP_Z	56 59.8					2 00 00	
	Hōchi	0	eP_Z	57 01.7					2 01 00	
	Sumoto	0	eH	57 08.8					2 06 00	
	Nagoya	0	eP	57 09.8		3 20.4			7 30	
	Shimizu	0	eP_H	57 12.2					1 10 00	
	Nara	0	eP	58 34.2					7 30	
	Hamada	0	e_{HZ}	59 46.3						
	Kōbe	0	e	09 00 24.8						
17	Nagoya	0	eP_E	14 37 41.2					34	
18	Nagoya	0	eP_E	07 25 51.7					1 30	
18	Wakayama	I	eP	05 47 55.7		0.9	42 38		45	Local shock
19	Okayama	0	eP	01 41 14.6		17.1			1 00	
	Hamada	0	eP	41 24.5		7.3			49	
	Hiroshima	0	eP_{HZ}	41 25.4		9.0			40	
	Takamatsu	0	eP	41 34.7		17.4			2 40	
	Matsuyama	0	eP_E	41 35.8		13.0			2 10	
	Hōchi	0	eP	41 44.4		17.4			45	
	Sumoto	0	eP_N	41 46.0		23.2			1 00	
	Hikone	0	P	43 35.5					1 00	
19	Wakayama	0	eP	03 26 17.0		4.8	13 5	- -	35	
19	Wakayama	0	eP	03 50 31.0		0.9	5 4	- -	8	
19	Kameyama	0	eP	04 12 12.8		3.8.0			5 00	
19	Wakayama	0	eP_E	26 33 59.2		0.7	6	-	15	
19	Hikone	0	S	16 20 06.4					1 20	
19	Kameyama	0	eP	17 40 44.9		1 25.2			7 00	
	Nara	0	eP	40 45.6		1 27.2			5 00	
	Nagoya	0	eP_E	40 46.8		1 28.9			5 10	
	Kyōto	0	eP	40 47.5		1 24.1			4 00	
	Takamatsu	0	eP	40 48.1		1 31.4			6 20	
	Matsuyama	0	eP_N	40 53.2		1 32.0				
	Hamada	0	e	41 04.0						

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m S	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
19	Wakayama	0	eP	19 02 04.8	μ μ μ	8.1	μ μ μ	s s s	50	
	Gamoto	0	P_N	02 09.8		10.0			40	
	Owashi	0	eP	02 10.7		9.5			1 00	
19	Wakayama	0	eP	19 02 59.1		1.0	14 18	- -	10	
19	Wakayama	0	eP	21 25 29.6		0.7	6 6	- -	10	
19	Wakayama	0	eP	23 05 06.1		0.8	5 12	- -	8	
20	Gumoto	0	eP_N	01 05 07.8		5.9			25	
20	Takamatsu	0	eP	04 11 19.0		54.6			2.50	
	Nikone	0	P	12 17.8		45.1			2 40	
	Kyōto	0	eP	13 04.3					2 00	
20	Owashi	0	eP	12 39 20.8		35.7			1 20	
	Nagoya	0	eP_E	39 24.5		37.4			2 30	
	Kameyama	0	eP	39 24.6	+4	38.5			5 00	
	Kyōto	0	eP	39 26.9		40.0			2 00	
	Gumoto	0	iP_{HZ}	39 27.1					1 00	
	Nikone	0	P	39 27.5		39.8			2 00	
	Takamatsu	0	iP_E	39 33.1					2 40	
	Ibukiyama	0	eP_N	39 36.9					2 40	
	Matsuyama	0	eP_E	39 40.9		12.0			1 10	
20	Nagoya	0	eP_N	17 14 38.9					36 00	
20	Wakayama	I	eP	23 37 30.9		1.0	20 14		24	Local shock
21	Wakayama	0	eP	00 27 32.2		0.7	7 6		15	
21	Nagoya	0	eP_E	12 20 04.6					3 00	
21	Kyōto	0	eP	20 48 18.7		1.9			30	
22	Hiroshima	0	eP_{HZ}	06 20 11.8		4.3			30	
22	Shimizu	0	iP	10 21 23.0	(-) (-) (-)	7.8			1 10	
	Uwajima	0	P	21 33.5		2.0			20	
	Kōchi	0	eP	21 40.4		15.9			1 00	
22	Gumoto	0	eP_N	10 22 32.4		5.2			25	
23	Wakayama	0	eP_E	02 19 17.3		0.9	3	-	8	
23	Shimizu	0	eP_H	09 49 35.4		9.2			2.30	
	Matsuyama	0	eP_E	49 39.4		12.0			1 00	
	Kōchi	0	eP	49 58.8		22			10	
23	Nagoya	0	eP_E	12 52 47.9					1 50	
23	Wakayama	I	eP	20 15 25.4		0.7	45 35	- -	30	Local shock
23	Shimizu	0	P_H	21 15 58.9		4.8			1 30	
24	Wakayama	0	eP	21 06 33.8		3.3	5 4		15	
24	Murotomisaki	0	eP	21 35 24.9		6.3			39	
	Tokushima	0	eP	35 25.1		4.5			1 00	
	Gumoto	0	P_H	35 30.6		10.3			45	
24	Wakayama	0	eP	21 35 42.7		2.0	1 2	- -	25	
24	Wakayama	0	eP	22 36 51.2		0.8	14 33	- -	15	
25	Murotomisaki	0	eP	02 07 11.5		6.7			31	
25	Hiroshima	0	eS_Z	08 14 04.3						
25	Wakayama	I	eP	13 21 24.0		1.0	38 45	- -	50	Local shock
25	Gumoto	0	P_H	19 36 09.7		9.3			50	
25	Tokushima	0	eP	20 24 21.2		6.6			1 20	
	Gumoto	0	P_N	24 32.3		7.6			25	
	Murotomisaki	0	eP	24 32.3		11.8			35	

Date	Station	SI	Ph	Time (J.M.T)	Initial M			P~S	Max. Amp.						P~F			Remarks
									Amp			Period						
				h m s	N	E	Z	m s	N	E	Z	N	E	Z	h	m	s	
					μ	μ	μ		μ	μ	μ	s	s	s				
26	Hiroshima	0	e_{HZ}	12 22 06.6													3	
27	Nagoya	0	eP_E	19 22 45.6													1 10	
27	Wakayama	II	eP_N	19 35 56.2				1.0	175								30	和歌山附近 Near Wakayama
	Owashi	0	eP	36 20.5				10 8									1 00	
27	Sumoto	0	iP_{HZ}	21 36 10.4	+1	(±)	-1	43									1 00	
27	Wakayama	0	eP_N	22 45 09.6				0 7	13								20	
28	Kyōto	0	eP	03 35 23.0				1.8									30	
28	Wakayama	I	eP_N	05 53 00.3				1.4	118								1 10	
	Sumoto	0	P_{HZ}	53 05.3	(±)	(+)	(−)	4.5									35	
	Takamatsu	0	eP	53 19.7				184									1 40	
28	Wakayama	II	eP_N	08 31 00.5				23	305									
	Sumoto	III	iP_{HZ}	31 03.1	+3	-3	+6	5.5	139	109	49	−	06	06			6 00	和歌山県北部
	Tokushima	I	iP	31 07.1	+2	+13		9.2	90	115		10	10				4 50	N part of
	Shionomisaki	I	P	31 07.7	+91	-118		9.8	110	107	59	21	15	09			6 30	Wakayama
	Ōsaka	I	eP_N	31 08.5	+17	(−)		9.8	107	262	118	21	40	29			8 00	Pref
	Kōbe	I	iP	31 08.6	+175	-75		9.0	83	115		05	05				7 30	
	Owashi	II	iP	31 10.4	-6	-39	-31	10.0	60	48	41	−	45	32			4 00	
	Nara	I	iP	31 12.8	(−)	(−)		9.8	300	330		−	−					
	Himeji	I	iP_H	31 13.2	+57	-63		12.6									3 00	
	Takamatsu	I	eP	31 14.1				14.9	50	63	52	08	09	08			6 40	
	Kyōto	0	iP	31 16.3	-4	-1	-4	13.6									4 00	
	Muroto-misaki	0	iP_{HZ}	31 17.5	+3	+2	-3	16.4									3 30	
	Hameyama	0	eP	31 19.1		-1		16.5	158	100		17	11				11 00	
	Okayama	I	eP	31 19.3				17.8	80	130		−	−				2 00	
	Maizuru	0	iP	31 22.6				18.9									2 40	
	Toyooka	0	eP_{HZ}	31 23.5				20.8									3 00	
	Hikone	0	eP	31 24.3				19.0	230	150		09	09				6 00	
	Ibukiyama	0	eP_H	31 27.4				21.8									2 00	
	Tottori	0	eP_N	31 27.9				21.5									3 10	
	Nagoya	0	eP_E	31 30.9				23.0	76	66	35	07	08	09			7 40	
	Matsuyama	0	iP_E	31 33.0				28.0									4 20	
	Matsue	0	eP	31 33.2				31.2									1 20	
	Yonago	0	eP	31 34.7				25.5									1 40	
	Shimizu	0	eP_Z	31 38.3				30.8									3 30	
	Hiroshima	0	eP_{HZ}	31 38.7				30.2									3 10	
	Iwajima	0	P	31 40.4				24.2									1 10	
	Saigō	0	eP	31 40.5				42.3									1 50	
	Hamada	0	eP	31 52.5				29.0									5 00	
28	Wakayama	0	eP_N	09 18 52.2				26									30	
	Sumoto	0	eP_N	18 57.9				5.3									30	
28	Kōchi	0	eP_E	16 50 35.9				6 11.5									16 00	
29	Ibukiyama	0	eP_N	07 25 00.0														
29	Owashi	0	eP	22 29 38.9				81									21	
	Sumoto	0	eP_N	29 42.1				6.9									40	
	Wakayama	0	eP_N	29 46.4				07	4			−					20	
29	Wakayama	0	eP_N	23 23 42.9				08	4			−					20	
29	Wakayama	0	eP	23 33 42.6				08	9			−					18	
30	Wakayama	I	eP	04 01 59.8				06	42								20	和歌山附近
	Sumoto	0	eP_N	02 03.1	(±)			3.1									20	Near Wakayama

Date	Station	SI	Ph	Time (J.M.T.) h m s	Initial M N	E	Z	P~S m s	Max. Amp. Amp N	E	Z	Period			P~F h m s	Remarks
					μ	μ	μ		μ	μ	μ	s	s	s		
30	Kameyama	0	eP	07 23 32.3				2.07.8							18.00	
	Kōchi	0	eP_E	24.56.0											14.00	
	Takamatsu	0	eP	25.04.7				3.19.0							9.00	
	Kyōto	0	eP	25.16.8				3.23.0							6.00	
	Owashi	0	eP	25.18.2											5.00	
	Sumoto	0	iP_H	25.19.8	-1	-3	-2	3.32.2							5.00	
	Ōsaka	0	eP	25.21.3											9.00	
	Nara	0	P	25.22.4											6.00	
	Nikone	0	P	25.27.0											8.00	
	Nagoya	0	eP_E	25.33.3											5.30	
30	Matsuyama	III	iP_N	14 45.17.5	-3	-14	-3	82	272			0.4			5.50	
	Uwajima	II	iP	45.17.5				8.7	450	483					3.40	伊予灘
	Sukumo	I	eP	45.19.1				11.1	92	63		-	-		2.00	
	Hiroshima	II	P_{HZ}	45.19.2	-2	-1	-5	9.5	100	132	46	0.2	0.2	0.2	5.00	W coast of
	Shimizu	I	iP	45.24.7	-4	(+)	+4	13.4	159	187	86	-	-	-	6.30	
	Kōchi	I	iP_{EZ}	45.24.8		+5 +23	+4	11.8	53	54	37	2.1	1.8	2.5	2.30	Ehime Pref
	Hamada	0	eP	45.28.6			-5	17.1	56			1.1			6.00	
	Takamatsu	0	eP	45.31.6				19.0	50	60	78	0.9	1.0	0.8	7.10	φ=33.8N
	Murotomisaki	0	eP	45.35.1	+2	-2	-3	21.9		57			0.6		3.40	
	Okayama	I	eP	45.36.6				19.8							2.30	λ=132.7E
	Yonago	0	eP	45.37.6				16.4							2.30	
	Matsue	I	eP	45.38.9				22.8							3.50	
	Ibukiyama	0	eP_E	45.40.1				39.3							1.40	
	Tokushima	0	iP	45.40.7				25.6	105	85		1.0	1.5		4.30	
	Sumoto	0	eP_{HZ}	45.43.0				30.1	21			0.9			4.00	
	Tottori	0	eP_N	45.43.3				28.7							2.50	
	Wakayama	0	eP_N	45.46.0				39.0	33			-			4.00	
	Himeji	0	iP_H	45.48.0				27.3							2.20	
	Shionomisaki	0	eP	45.49.7				34.6							3.20	
	Kōbe	0	eP	45.50.7				34.0							5.00	
	Ōsaka	0	eP	45.51.8				33.6							7.00	
	Kyoto	0	eP	45.53.2				38.6							3.00	
	Owashi	0	eP	45.54.8				38.5							4.00	
	Maizuru	0	eP	45.54.9				38.4							2.40	
	Toyooka	0	P	45 ~				38.0								
	Nara	0	eP	45.56.3				33.6							5.30	
	Kameyama	0	eP	46.03.1				38.6							2.50	
	Nagoya	0	eP_E	46.09.2				46.2							4.50	
	Nikone	0	eP	46.24.4				24.3							4.00	
	Saigō	0	iS	46.30.8											1.50	
31	Sumoto	0	eP_N	00 13 29.9				3.6							30	
31	Kameyama	0	eP	10 41 12.9				2.0							1.00	
31	Murotomisaki	0	eP	10 55 38.0				0.8							9	
31	Maizuru	0	e	11 35 43.4											39	
31	Takamatsu	0	e_H	14 27 54.6											1.50	
31	Ibukiyama	0	eP_N	17 41 00.0												
	Kyōto	I	eP	41 38.4				2.8	94	58	20	-	-	-	2.00	大阪府北部
	Maizuru	0	iP	41 43.2				6.1							44	N part of
	Kōbe	0	eP	41 43.5				5.9							40	Ōsaka Pref

International Seismological Centre

Date	Station	SI	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max. Amp. Amp N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	S	Remarks
							μ	μ	μ			μ	μ	μ	S	S	S				
	Nara	0	iP		41	44.8					4.8								1	30	
	Ōsaka	0	eP		41	47.7					1.3									50	
	Sumoto	0	eP_H		41	50.7					11.0								1	00	
	Hameyama	0	eP		41	51.5					9.7								2	00	
	Nikone	0	S		41	56.4					.									50	
	Nagoya	0	eP_E		41	57.5					16.1								1	10	
	Takamatsu	0	eP		42	00.5					18.1								1	40	
	Matsuyama	0	eP_E		42	50.5					3.8									29	
31	Kōbe	0	e	18	33	34.8					.										
31	Nagoya	0	eP_N	22	10	36.2					6.3									35	
	Nikone	0	P		10	56.8					4.8									40	

地震観測表 (地震計なき官署の分) Report of Earthquakes (No Seismometer)

31年1月 Jan 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japaneese			h	m
1	Gobō	御坊	Wakayama	I	05	26
1	Kiki	日置	〃	II	06	23
	Kurisugawa	栗栖川	〃	I		23
	Yahata	八幡	〃	III		25
	Ichikano	市鹿野	〃	II		26
	Tanabe	田辺	〃	II		26
	Misato	三里	〃	II		～
	Shichigawa	七川	〃	I		26
	Gobō	御坊	〃	I		26
	Chikano	近野	〃	I		26
	Shirahama	白浜	〃	I		26
	Tadono	田殿	〃	I		30
	Tsubakidomari	椿泊	Tokushima	I		30
1	Tadono	田殿	Wakayama	I	08	15
10	Higashinogami	東野上	〃	II	09	40
11	Shōbara	庄原	Hiroshima	I	20	33
11	Shōbara	庄原	〃	II	20	35
15	Shirahama	白浜	Wakayama	I	16	38
17	Gobō	御坊	〃	I	21	24
18	Ujitahara	宇治田原	Kyōto	I	14	37
19	Takano	高野	Hiroshima	II	02	00
19	Shirahama	白浜	Wakayama	I	19	02
	Tanabe	田辺	〃	I		02
22	Ōasa	大朝	Hiroshima	I	06	18
22	Tadono	田殿	Wakayama	I	09	20
24	Tsubakidomari	椿泊	Tokushima	I	21	35
27	Higashinogami	東野上	Wakayama	I	19	10
27	Tadono	田殿	〃	I	19	37
28	Tadono	田殿	〃	I	05	55
28	Kurisugawa	栗栖川	〃	II	08	28
	Higashinogam	東野上	〃	III		30
	Tanabe	田辺	〃	II		30
	Ōgo	応其	〃	II		30
	Tadono	田殿	〃	III		31
	Kiki	日置	〃	II		31
	Kōyasan	高野山	〃	II		31
	Shichigawa	七川	〃	I		31
28	Kizu	木津	Kyōto	I	08	30
28	Hiwasa	日和佐	Tokushima	I	08	31
	Kawanishi	川西	〃	II		32
28	Gobō	御坊	Wakayama	II	08	33
	Tadono	田殿	〃	II		33
28	Tadono	田殿	〃	I	08	52
28	Tadono	田殿	Wakayama	I	09	20
28	Kizu	木津	Kyōto	II	15	30
30	Kuma	久万	Ehime	III	14	42

International Seismological Centre

Date	Station		Prefecture	SI	Time	
	Roman	Japanese			h	m
	Saijō	西条	Hiroshima	II		44
	Ōsu	大洲	Ehime	II		45
	Ikaata	伊方	〃	II		45
	Nomura	野村	〃	II		45
	Honkawa	本川	Kōchi	II		45
	Suzaki	須崎	〃	II		45
	Ikegawa	池川	〃	II		45
	Kurahashi	倉橋	Hiroshima	II		45
	Katsukaichi	甘日市	〃	II		45
	Saeki	佐伯	〃	II		45
	Kure	呉	〃	II		45
	Kabe	可部	〃	II		45
	Kōchi	河内	〃	II		45
	Hisatomo	久友	〃	II		45
	Fukuyama	福山	〃	I		45
	Seno	瀬野	〃	I		45
	Choja	長者	Kōchi	I		45
	Yakage	矢掛	Okayama	I		45
	Kure	呉	Hiroshima	II		46
	Yoshida	吉田	〃	II		46
	Yoshiwa	吉和	〃	II		46
	Hakei	加計	〃	II		46
	Takehara	竹原	〃	II		46
	Toyosaka	豊栄	〃	II		46
	Nakayama	中山	Ehime	II		46
	Saijō	西条	〃	II		46
	Ōasa	大朝	Hiroshima	I		46
	Innoshima	因島	〃	I		46
	Ōtake	大竹	〃	I		47
	Etajima	江田島	〃	II		47
30	Iwamatsu	岩松	Ehime	II	15	37
31	Jennō	天王	Ōsaka	II	17	30
31	Sonobe	園部	Kyōto	II	17	41
31	Jogō	東郷	Ōsaka	II	17	56
31	Jadono	田殿	Wakayama	I	18	51

International Seismological Centre

1月地震回数表 Number of Earthquakes. (January 1956)

Station \ S.I	0	I	II	III	IV	total
Kinki area (近畿地方)						
Ōsaka	10	1	—	—	—	11
Kyoto	22	1	—	—	—	23
Hikone	24	1	—	—	—	25
Wakayama	43	15	4	—	—	62
Shionomisaki	12	1	—	—	—	13
Nara	12	1	—	—	—	13
Sumoto	39	1	—	—	—	41
Toyooka	5	—	—	—	—	5
Himeji	1	1	—	—	—	2
Ibukiyama	10	1	—	—	—	11
Kōbe	7	1	—	—	—	8
Maizuru	4	—	—	—	—	4
Chūgoku Area (中国地方)						
Hiroshima	12	—	1	—	—	13
Matsue	1	1	—	—	—	2
Okayama	1	2	—	—	—	3
Tottori	2	—	—	—	—	2
Hamada	9	—	—	—	—	9
Yonago	2	—	—	—	—	2
Saigō	2	—	—	—	—	2
Shikoku area (四国地方)						
Takamatsu	27	1	—	—	—	28
Matsuyama	16	—	—	1	—	17
Tokushima	9	1	—	—	—	10
Kōchi	22	1	—	—	—	23
Shimizu	12	2	—	—	—	14
Murotomisaki	15	—	—	—	—	15
Uwajima	2	1	1	—	—	4
Sukumo	—	2	—	—	—	2

International Seismological Centre

大阪管区

地震月報

昭和31年2月

The Monthly Report of Earthquakes

February **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,

SEISMOLOGICAL OBSERVATORY,

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

昭和31年2月　　February 1956

地震観測表　Seismometrical Report

Date	Station	S.I.	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
1	Tottori	I	eP_N	04 24 50.5	μ μ μ	2.0	28 57 μ	s s s	9	Local shock
1	Kameyama	0	eP	09 52 30.6		292			3:00	
	Sumoto	0	eP_N	52 54.2		283			1:20	
	Nikone	0	S	53:20.3					1 10	
1	Kōchi	I	iP	14 11 48.9	+1 ±1 -4	1.4	9 9 5		20	Local shock
1	Sumoto	0	eP_N	17 16 06.9		33			15	
1	Matsue	0	eP	22 44 59.5		3 14.2			9 30	
	Shionomisaki	0	iP_{HZ}	45 23.4	-9 +5 -18	2 55.6	78 89 28	27 19 41.1	44 00	マリアナ諸島
	Owashi	0	eP	45 28.1		17.7			19 00	
	Murotomisaki	0	iP_{HZ}	45 31.9	-3 +4 -18	3 01.3	35 66	48 40	33 00	Mariana Is.
	Kameyama	0	iP	45 35.7	-5 +3 -6	3 00.6	106 63	40 3.1	44 00	
	Tokushima	0	iP	45 34.9	-5	3 06.0	65 95	20 1.6	18 00	$\psi = 18.0°$
	Shimizu	0	iP	45 35.2	-5 +9 (-)	3 00.6			32 30	$\lambda = 141.9°E$
	Sumoto	0	iP_{HZ}	45 36.4	-2 +3 -2	3 02.9	29 96 21	43 43 41.1	33 00	D = 300 Km
	Nara	0	eP	45 38.6		3 05.7	250	25	23 00	
	Ōsaka	0	eP_H	45 36.9	-67	3 09.7	220 222 117	38 42 28	18 00	
	Kōbe	0	eP	45 37.5		3 04.3			1 10 00	
	Nagoya	0	eP_E	45 37.5		3 08.0	253 100 28	35 27	14 00	
	Kōchi	0	iP	45 38.2	-3 +5 -6	3 02.0	96 80 77	58 45 67	52 00	
	Kyōto	0	eP	45 39.2		3 02.6			30 00	
	Takamatsu	0	iP	45 40.6		3 05.7	65 158 110	50 47 48	44 00	
	Uwajima	0	P	45 41.2	-10 +2	3 07.6	83 40	44 44	14 30	
	Himeji	0	P_H	45 41.5		3 07.1			14 40	
	Hikone	0	P	45 41.7	(-) (-) (-)	3 02.6	160 90 50	32 20 30	45 00	
	Ibukiyama	0	eP_N	45 42.2		3 07.7				
	Matsuyama	0	iP_N	45 43.5		3 10.5			21 00	
	Yonago	0	eP	45 46.8		1 34.0			49 00	
	Hiroshima	0	P_{HZ}	45 49.0	-5 +5 -14	3 13.7			32 00	
	Joyooka	0	eP_{HZ}	45 50.3		3 06.0			6 00	
	Hamada	0	P	45 54.7	-6 +6 -11	3 16.5			45 00	
	Tottori	0	eP_N	45 57.8	(+) (+)	3 06.7			12 20	
	Saigō	0	iP_H	46 01.8	+12 -5	3 20.6			1 11 00	
1	Sumoto	0	eP_N	23 18 21.1		4.1			10	
2	Sumoto	0	eP_H	05 06 57.8		2.6			10	
2	Wakayama	0	eP_N	06 41 20.7		1.1			10	
2	Kameyama	0	eP	11 25 48.7		4.8			1 00	
3	Sumoto	0	eP_N	00 16 24.4		4.4			20	
3	Wakayama	I	eP_N	04 33 23.9		2.0	24	-	4.0	Local shock
3	Murotomisaki	0	e	21 14 31.5					6	
3	Wakayama	0	eP_N	23 26.09.5		0.8			8	
4	Wakayama	0	eP_N	00 18 28.3		1.1			20	
	Sumoto	0	P_N	18 31.6		3.5			15	
4	Wakayama	0	eP_N	04 26 57.9		0.9			18	

Date	station	SI	PR	Time (J.M.T.) h m s	Initial M N E Z	P~S m S	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
4	Nagoya	0	$_eP_E$	05 14 10 7	μ μ μ	490	μ μ μ	s s s	3 50	
	Hikone	0	P	14 14.3					3 00	
	Kameyama	0	eP	14 40 7		1 01 7			6 00	
4	Kōchi	0	iP	06 41 385		22			10	
4	Sukumo	0	eP	06 53 330		180			1 00	
	Shimizu	0	iP	54 01.9	(+) -2 +2	185			5 00	
	Uwajima	0	eP	54 08.0		228			1 00	
	Kō-chi	0	$_eP_E$	54 14 4	(-)	274			45	
	Matsuyama	0	$_eP_E$	54 17.7		285			2 30	
	Hiroshima	0	$_eP_{HZ}$	54 24.5		34.1			4 10	
	Takamatsu	0	eP	54 28.8		35.2			5 00	
	Kamada	0	eP	54 32 3	(+)	434			4 00	
	Sumoto	0	$_PH_Z$	54 33 5		382			2 30	
	Nikone	0	P	54 52 2					3 00	
4	Sumoto	0	$_eP_N$	10 17 37.6		3 8			25	
4	Nagoya	0	$_eP_E$	18 59 38 0					2 00	
4	Kameyama	0	eP	19 00 28 0					4 00	
4	Kyoto	0	eP	19 11 48.5		1.6			30	
5	Wakayama	0	$_eP_N$	05 29 55.3		0 5			10	
5	Wakayama	0	$_eP_N$	11 09 20 8		1.1			15	
5	Muroto misaki	0	e	16 08 01.0					3	
5	Muroto misaki	0	$_eP_Z$	16 16 17.9		1 1			14	
5	Wakayama	0	$_eP_N$	19 30 21.6		1.2			15	
7	Sumoto	I	$_iP_{HZ}$	05 22 48 5	±1 +1 (+)	2 6	14	03	40	洲本附近
	Tokushima	0	eP	22 53 6		5 2			50	Near Sumoto
8	Muroto misaki		eP	07 45 88 4		6 6			1 00	
	Takamatsu	0	eP	45 40 9		7 8			1 20	
	Kōchi	0	eP	45 42 0		9 4			30	
	Sumoto	0	$_eP_N$	45 43 7		9 7			1 00	
	Wakayama	0	e	45 51.5					40	
	Matsuyama	0	$_eP_E$	45 53 2		16 5			53	
8	Kameyama	II	iP	10 42 27 4	+3 -14 +87	8 2	187 99 87	- - -	9 00	
	Ibukiyama	II	$_eP_N$	42 30.0						愛知県中部
	Hikone	II	iP	42 31.6	+18 -14 +19	10 9	5565140148	13 13 14	7 00	
	Owashi	I	eP	42 34 4		1.5	38 29 34	- - -	3 00	Central
	Nara	I	iP	42 35 5		13 7	133 110	- -	4 00	part of
	Kyōto	I	iP	42 36 2	+1 -8 +4	12 5	56 55 46	13 13 1.1	4 00	Aichi Pref
	Ōsaka	0	eP	42 38 9		17.0	73 70 45	20 1.7 23	9 00	
	Kōbe	0	eP	42 42 9		20 7			5 00	φ = 35.0N
	Maizuru	0	eP	42 43.1		16.2			3 00	λ = 137.1E
	Sumoto	0	$_eP_{HZ}$	42 47 9		30 1	13	09	4 00	D = 35 km
	Wakayama	0	$_eP_N$	42 48 5		26 0	70	-	3 30	
	Shionomisaki	0	eP	42 49 3		24.0	30 46	1.0 1.4	4 10	
	Nagoya	II	$_PE$	42 49 8	-44	6 4	600 800 300	- - -	8 20	
	Himeji	0	P H	42 52 9		23 2			3 00	
	Tokushima	0	P	42 54 2		29 4			3 50	
	Joyo oka	0	$_eP_{HZ}$	42 54 7		21.1			3 00	
	Takamatsu	0	eP	42 55 6		31 8			6 10	
	Okayama	0	eP	42 58 6		37 2			2 40	

Date	station	SI.	Ph	Time (J.M.T) h : m : s	Initial M N : E : Z	P~S m : s	Max. Amp. Amp N : E : Z	Max. Amp. Period N : E : Z	P~F h : m : s	Remarks
	Murotomisaki	0	eP	43 038	μ ν κ	352	μ μ μ	s s s	3 50	
	Shimizu	0	P	44 064					4 00	
	Matsue	0	eP	43 070		530			5 50	
	Kōchi	0	eP_{EZ}	43 093		31.1			3 10	
	Matsuyama	0	eP_E	43 146		1 040			2 60	
	Hiroshima	0	e_{HZ}	43 253		480			4 50	
	Tottori	0	eP_N	43 278	(+) (−)	335			2 00	
	Hamada	0	eP	43 317		462			5 00	
8	Hikone	0	S	10 50 052					50	
8	Kameyama	0	iP	11 03 23.6		94			1 00	
8	Kameyama	0	eP	11 13 280		83			2 00	
	Ibukiyama	0	eP_N	13 430						
	Hikone	0	S	13 443					30	
	Nagoya	0	eP_N	13 482		84			1 20	
8	Kameyama	0	eP	14 22 486					1 00	
8	Kameyama	0	eP	16 33 42.1		82			1 00	
8	Kameyama	0	eP	21 58 34.0		81			1 00	
	Hikone	0	S	58 498					50	
	Ibukiyama	0	eP_N	58 522						
	Nagoya	0	eP_N	58 563		5.9			1 20	
	Owashi	0	eP	58 566					1 00	
9	Kameyama	0	eP	00 05 376		89			1 00	
	Hikone	0	S	05 528					30	
	Nagoya	0	eP_N	05 588		69			34	
9	Wakayama	0	eP_N	00 56 365		0.3			10	
9	Wakayama	0	eP_N	01 22 225		2.0			30	
9	Owashi	0	e	01 24 225					1 00	
9	Wakayama	0	e	01 28 575					40	
9	Tokushima	0	eP	01 30 401		54			50	
	Murotomisaki	0	eP	30 427		68			53	
	Takamatsu	0	eP	30 432		83			1 20	
	Kochi	0	eP	30 454		90			30	
	Sumoto	0	PH	30 482	(+) (+)	102			55	
	Matsuyama	0	eP_N	30 565		150			54	
	Shionomisaki	0	S	31 141					27	
	Owashi	0	C	31 242					1 00	
9	Nagoya	0	eP_H	01 45 201					29	
9	Kameyama	0	eP	03 26 433		84			1 00	
	Hikone	0	S	26 596					30	
	Nagoya	0	eP_N	27 064		5.9			53	
9	Wakayama	0	eP_N	07 16 330		05	4 −		12	
9	Nagoya	0	eP_E	19 20 434		393			3 00	
	Kameyama	0	eP	21 049		489			5 00	
	Owashi	0	e	22 066					1 00	
10	Wakayama	I	eP_N	01 04 449		13	39 −		1 00	和歌山附近 Near Wakayama
	Sumoto	0	PH	04 496		35			30	
10	Sumoto	0	eH	02 01 375					10	
10	Nagoya	0	eP_E	06 56 223		366			7 30	
	Ibukiyama	0	eP_E	56 227		434				

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
	Hikone	0	P	56 27.7	* * *	487	μ μ μ	S S S	4 00	茨木県南東部
	Kameyama	0	eP	56 34.4		381			9 00	
	Owashi	0	eP	56 45.5		50			3 00	S.W. part of
	Kyōto	0	eP	56 46.4		436			5 00	
	Nara	0	eP	56 46.8		482			4 10	Ibaraki Pref
	Sumoto	0	ePH	56 48.3		1 101			5 00	
	Takamatsu	0	eP	06 57 08.5		1 127			4 50	φ = 36.1 N
	Wakayama	0	e	57 0.88					2 00	λ = 140.1 E
	Toyooka	0	ePHz	57 11.2		35.6				D = 30 Km
	Tokushima	0	eP	57 23.4		55.5			4 00	
	Shionomisaki	0	e	57 30.0					2 40	
	Kōchi	0	ePZ	57 33.0		1 11.7			2 20	
	Matsuyama	0	iPN	57 48.2						
	Hiroshima	0	eSHz	58 24.4					3 50	
10	Nagoya	0	ePN	09 03 56.7		53.7	27 52 98 87	28 27 20	10 00	
	Ibukiyama	0	ePN	03 59.0		1 088				福島県東方沖
	Hikone	0	P	04 02.1		1 026	149 86	191.1	9 00	
	Kameyama	0	eP	04 04.7		1 030			16 00	OFF. E
	Kyōto	0	eP	04 08.5		1 200			8 00	coast of
	Owashi	0	eP	04 10.3		9.5			6 00	Fukushima
	Nara	0	eP	04 10.6		593			12 00	Pref
	Maizuru	0	eP	04 10.7		1 12.8			4 50	φ = 37.4 N
	Tottori	0	ePN	04 11.3		2 11.4			5 20	λ = 142.0 E
	Toyooka	0	ePHz	04 13.7		1 11.4				D = 50 Km
	Wakayama	0	e	04 18.8					3 00	
	Sumoto	0	ePH	04 20.8		1 38.1			12 00	
	Shionomisaki	0	eP	04 21.7		1 30.8			11 00	
	Tokushima	0	iP	04 25.5		1 57.2			6 40	
	Matsuyama	0	ePN	04 36.9		1 58.0			8 50	
	Kōchi	0	ePN	04 39.2		1 11.8			10 00	
	Hiroshima	0	ePHz	04 43.3		1 38.3			7 30	
	Ōsaka	0	eP	04 47.3		1 04.3	220 143 126	342 43 8	7 00	
	Hamada	0	eP	04 48.2		2 16.2			22 00	
	Shimizu	0	iPH	04 50.2	-1 -2 +2	1 16.2			8 00	
	Kōbe	0	eS	05 33.1						
	Himeji	0	ePH	09 ~ ~		1 30.0			6 00	
11	Takamatsu	0	eP	03 45 24.1		1 17.6			4 20	
11	Murotomisaki	0	e	07 56 18.4					20	
11	Kōchi	0	iPH	12 49 36.5	-3 +5	40			50	
	Matsuyama	0	ePN	49 39.6		9.5			1 10	
	Takamatsu	0	eP	49 42.1		7.8			230	
	Murotomisaki	0	eP	49 45.4		89			41	
	Tokushima	0	eP	49 51.7		7.4			40	
	Sumoto	0	ePH	49 54.2		146			55	
	Shimizu	0	ePE	49 54.7		134			2 10	
	Hiroshima	0	e	50 07.5					25	
	Hamada	0	eP	50 22.4		61			17	
11	Kameyama	0	eP	17 16 17.3		192			2 00	
11	Kōchi	I	iP	18 32 14.0	-6 +3 ±5	1.1	9 10 5	- - -	10	Local shock

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M. N E Z	P – S m s	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P ~ F h m s	Remarks
	Nara	0	iP	35 52 5	+127 +43 μ	1 11.4	800 μ	34 s	30 00	
	Tokushima	0	iP	35 52 6	+6 -5	1 13.2	497 333	19 16	23 00	
	Shimizu	0	PH	35 53 1	+1 -3 +6	1 12.1	135 186 116	32 42 53	40 00	
	Kōbe	0	eiPH	35 53 9	+13 -25	1 13.8	105 105	– –	1 20 00	
	Kōchi	0	ePH	35 54 2	+23 -35 +63	1 06.9	549 80 190	93 52 53	1 00 00	
	Hikone	0	P	35 54.4	+176 -57 +198	1 11 3	520 483 333	191 84 1	1 00 00	
	Nagoya	0	iPN	35 54.8	+94 -13 +116	1 10 3	2300 2000 300	28 28 23	24 00	
	Takamatsu	0	eP	35 55.5		1 13 9	250 152	33 53	45 00	
	Himeji	0	iPH	35 56.4		1 14.5	323 230	47 56	33 30	
	Ibukiyama	0	ePE	35 56.7	+18 -13	1 11.1	263 393			
	Kyōto	0	iPHZ	35 57.0	+5 -3 +4	1 06.8	365 302 272	67 54 5.2	55 00	
	Sakurao	0	iP	35 57.4		1 07.6	120 120	1.6 3 2	12 10	
	Uwajima	0	P	35 58.8		1 19.1	51 51	– –	27 00	
	Matsuyama	0	iPE	36 00 1		1 20 0	334 99	30 2.5	35 20	
	Maizuru	0	eP	36 00 2		1 13 1			17 00	
	Yonago	0	iP	36 00 3		1 29.7	300 99	1.6 1.6	1 12 00	
	Toyooka	0	ePHZ	36 01 1	+5 -2 +9	1 14.7	358 361 328	65 7.0 7.4	35 00	
	Hiroshima	0	iPE	36 04.9	+4 -5 +17	1 19.5	284 218 128	384.1 3.6	58 00	
	Tottori	0	iPN	36 05.6	+56 -57	1 19 9	453 544	40 4.0	13 10	
	Matsue	0	P	36 10 7		1 31 2	403	46	24 00	
	Hamada	0	iP	36 10 7		1 25 4	408 325 76	56 5.6 10.2	1 15 00	
	Saigō	0	iPH	36 13.9	+75 +52	1 30.9	424 414	4.6 4.7	40 00	
18	Murotomisaki	0	eP	16 48 17 3		1 08 3			1 23 00	
18	Wakayama	0	ePH	20 36 17.3		05	12	–	15	
19	Tottori	0	ePN	12 50 52 8		23.6			54	広島附近
	Hiroshima	II	ePN	51 00.6	-1 48	2 3	60 32 28	03 0.3 0.3	1 50	Near
	Hamada	0	eP	51 08 5		7.0			47	Hiroshima
	Matsuyama	0	ePN	51 09.5		9.5			1 30	
	Matsue	0	eP	51 19.0		13 3			33	
	Takamatsu	0	eP	51 20.5		17.1			3 30	
	Kōchi	0	eP	51 21.8		15.4			1 10	
	Shimizu	0	ePH	51 26 4		14 9			2 00	
	Tokushima	0	eP	51 30 4		22.6			2 40	
	Sumoto	0	PH	51 32 6		27.5			1 20	
	Murotomisaki	0	eP	51 33.4		21.8			1 10	
	Saigo	0	ePE	51 34 4		21.5			1 30	
	Kameyama	0	eP	52 16 9		43.6			4 00	
	Owashi	0	eP	52 35.5					1 00	
	Nagoya	0	ePE	52 47.8					1 30	
19	Murotomisaki	0	eP	23 57 19.0		6.1			52	
	Tokushima	0	eP	57 19 7		5.0			50	
	Kōchi	0	eP	57 21 3		8 8			30	
	Sumoto	0	ePH	57 25 8		10 3			45	
	Kameyama	0	eP	58 20.6					2.00	
20	Wakayama	I	ePN	04 09.00.2		07	22	–	25	Local shock
20	Hamada	0	eP	17 00 52 3						
	Kōchi	0	ePE	00 55 4		2 41.0			16 00	
	Hiroshima	0	eHZ	00 58 8					15 40	
	Kōbe	0	P	01 33 2						

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					μ μ μ		μ μ μ	S S S		
20	Sumoto	0	eLH	17 07 41.4					5 00	
	Owashi	0	eP	21 30.9		34.0			2 00	
	Hikone	0	eP	21 32.6		37.5			4 30	
	Kyoto	0	eP	21 33.0		38.4			3 00	
	Nara	0	eP	21 33.5		35.4			4 00	
20	Ōsaka	0	eP	18 21 34.4		35.1			4 30	
	Sumoto	0	PHZ	21 35.1	(-) -1 +1	38.1			5 00	
	Nagoya	0		21 35.7		5 30.0			33	
	Takamatsu	0	iPE	21 40.6		42.9			4 10	
	Kameyama	0	eP	21 41.9		35.3			7 00	
	Kōchi	0	PEZ	21 44.9	(-) (+)	46.9			1 20	
	Matsuyama	0	ePN	21 52.7		48.0			3 00	
21	Murotomisaki	0	e	09 58 42.7					19	
22	Murotomisaki	0	eP	05 03 50.9		1.9			31	
22	Kōchi	0	eP	08 16 08.3		1.1			10	
22	Hiroshima	I	ePH	16 45 54.1	+1 -1	2.3	5 4	2.3 0.3	44	広島附近 Near Hiroshima
	Matsuyama	0	ePE	46 08.7		5.0			41	
22	Takamatsu	0	eP	17 46.16.9		18.6			1 20	
22	Wakayama	I	ePN	20 01 43.5		0.9	3.9	—	40	和歌山附近 Near Wakayama
	Sumoto	0	PH	01 46.9		3.1			20	
23	Uwajima	I	iP	05 35 07.1		11.8	7.3	—	59	大分県中部
	Matsuyama	0	iPN	35 08.9		12.5			2 40	
	Hiroshima	0	ePH	35 11.4		13.9			1 40	Central
	Kōchi	0	iP	35 13.2	-2 +4 +7	19.2			1 20	part of
	Shimizu	0	iPH	35 13.3	-1 +1	15.6			1 50	Ōita Pref
	Sukumo	I	iP	35 17.1		11.1	1.6 1.0	— —	50	
	Takamatsu	0	eP	35 21.7		24.3			3 00	
	Okayama	0	eP	35 23.5		26.1			1 30	
	Murotomisaki	0	eP	35 24.6		22.2			1 20	
	Sumoto	0	ePN	35 32.4		28.3			1 30	
	Hamada	0	eP	35 32.7		15.5			32	
	Kameyama	0	eP	36 05.5		31.7			3 00	
	Ōsaka	0	eP	36 10.6					2 00	
	Nagoya	0	ePE	36 49.8					1 10	
23	Tokushima	I	iP	21 28 33.7		5.2	34 33	0.5 0.5	1 30	徳島県南東部
	Murotomisaki	0	ePZ	28 35.3		7.1			52	
	Takamatsu	0	iPN	28 38.1		8.1			1 00	SE part of
	Kōchi	0	iP	28 39.9	+5 +2 -3	8.9			50	
	Sumoto	0	iPHZ	28 40.8	-1 -1 (-)	10.2	7	0.4	1 20	Tokushima
	Wakayama	0	ePN	28 42.5		10.0	9	—	1 00	
	Kōbe	0	eP	28 47.5		17.1			2 00	Pref
	Matsuyama	0	iPE	28 49.4		16.0			1 40	
	Ōsaka	0	eP	28 53.4		19.7			2 00	
	Owashi	0	eP	28 55.1		22.0			1 00	
	Hikone	0	P	29 10.1		32.5			1 50	
	Ibukiyama	0	ePE	29 14.6						
	Hiroshima	0	eSNE	29 17.0					17	
	Toyooka	0	eH	29 20.7						
24	Kyōto	0	eP	02 04 26.8		1.7			30	

Date	Station	SI	Ph	Time (J.M.T.) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
24	Kyoto	0	eP	03 19 40.2	μ μ μ	1.8	μ μ μ	- s s	:30	
24	Tottori	0	eP N	06 24 15.9		1.3			:40	
24	Nagoya	0	eP E	11 44 35.4		6.1			58.00	
	Kameyama	0	eP	44 36.4		1 19.0			2.00	
	Owashi	0	eP	44 57.9					1.00	
24	Shionomisaki	0	eP	15 10 00.7		8.8			30	
	Owashi	0	eP	10 36.2					1.00	
24	Kōchi	0	eP	20 48 10.1		1.8			10	
24	Yonago	I	iP	22 03 04.5		2.3			2.00	鳥取県西部
	Matsue	0	eP	03 06.7		4.7			1.20	
	Okayama,	I	eP	03 12.8		9.9			1.40	W part of
	Tottori	0	eP N	03 15.2		7.9			28	
	Takamatsu	0	eP N	03 19.1		15.5			3.00	Tottori Pref
	Hamada	0	eP N	03 19.9		15.8			1.10	
	Hiroshima	0	eP H	03 22.7		14.9			53	
	Toyooka	0	eP HZ	03 23.4		15.2			38	
	Sumoto	0	eP H	03 27.7		20.6			1.00	
	Maizuru	0	eP	03 30.9		21.1			1.10	
	Kōchi	0	eP Z	03 31.6		21.1			1.00	
	Saigō	0	P	03 32.1						
	Kyoto	0	eP	03 35.2		25.9			2.00	
	Tokushima	0	e	03 48.6					2.00	
	Kameyama	0	eP	03 49.8		36.5			3.00	
	Osaka	0	eS	04 00.2					1.00	
	Ibukiyama	0	eP E	04 17.8						
25	Kyōto	0	eP	03 02 59.7					30	
25	Shionomisaki	0	iP	03 09 00.7	+1 -5	8.8			1.10	熊野灘
	Owashi	I	iP	09 02.9	-10	0.5	11 17 11	- - -	1.00	
	Sumoto	0	eP H	09 17.1		14.9			1.10	S coast of
	Kameyama	0	eP	09 17.2		12.0			3.00	
	Kyōto	0	eP	09 18.7		14.8			2.00	Mie Pref
	Ōsaka	0	eP	09 19.3		8.6			1.30	
	Nara	0	P	09 19.9		6.1			2.10	
	Wakayama	0	eP N	09 21.0		11.9	10	-	1.50	
	Tokushima	0	eP	09 23.2		17.5			1.40	
	Nagoya	0	eP E	09 25.6		16.4			1.30	
	Kikone	0	P	09 39.1					50	
	Ibukiyama	0	eP E	09 47.2						
	Murotomisaki	0	eP	09 46.5		6.2			1.00	
25	Wakayama	0	eP N	06 49 21.8		1.5	14	-	40	
25	Nagoya	0	eP E	16 13 17.3					44	
26	Nagoya	0	eP E	01 42 54.9					2.20	
26	Murotomisaki	0	eP	22 58 09.4		16.6			1.20	
	Shionomisaki	0	eP	58 11.0		7.6			46	
	Sumoto	0	eN	58 17.2		10.9			50	
	Takamatsu	0	eP	58 21.1		17.4			1.50	
	Wakayama	0	eP N	58 23.8		2.4	6	-	35	
	Owashi	0	eP	58 33.8					1.00	
26	Wakayama	0	eP N	00 33 42.5		5.6	5	-	30	

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	Sumoto	0	eP_H		33	44.5	μ	μ	μ		8.3	μ	μ	μ	s	s	s			25	
	Takamatsu	0	eP		33	51.1					13.5								1	00	
	Murotomisaki	0	eP		34	01.3					1.2									26	
26	Kōchi	0	eP	00	43	18.0					2.3									10	
26	Kōchi	0	eP	01	34	52.1					10.8									35	
	Takamatsu	0	eP		34	52.4					7.8								1	00	
	Sumoto	0	PN		34	55.2					10.6									25	
26	Wakayama	0	ePN	01	35	07.6					0.9	2			–					15	
26	Wakayama	I	ePN	12	10	28.9					1.3	96			–				1	00	和歌山附近 Near Wakayama
	Sumoto	0	P_{HB}		10	34.0	(±)				3.2	5			0.4					35	
26	Nagoya	0	ePN	14	16	58.5					1.13.3								4	00	
	Kameyama	0	eP_E		17	27.0					1.08.3								5	00	
27	Nagoya	0	eP_E	02	51	31.2					10.0								1	00	
27	Wakayama	0	ePN	03	10	01.4					3.3	5			–					40	
27	Nikone	0	eP	07	09	06.2					34.4								3	00	
	Ibukiyama	0	ePN		09	19.1															
	Nagoya	0	eP_E		09	21.7					29.7								5	00	
	Ōsaka	0	eP		09	48.2					36.9								3	30	
	Nara	0	P		09	52.5					29.4								3	00	
	Kameyama	0	eP		09	52.9					37.3								4	00	
27	Wakayama	I	ePN	22	26	31.6					0.9	24			–					40	Local shock
28	Shimizu	0		00	21	26.9					6.2									33	高知県西部 W part of Kochi Pref.
	Uwajima	I			21	27.8					4.4								1	19	
28	Wakayama	0		01	07	06.7					1.0	18			–					40	
28	Kōchi	0		14	12	06.7					1.1									10	
29	Wakayama	0		03	32	14.2														20	
29	Kyoto	0		04	44	09.3					2.1									30	
29	Sukumo	I		09	30	46.0					0.7	20			–					27	宇和島附近 Near Uwajima
	Uwajima	I			30	47.4					8.6								16	00	
	Shimizu	0			30	8.8	+1				11.1								2	10	
	Matsuyama	0			30	56.4					12.0								2	00	
	Kōchi	0			31	01.2					11.3								1	20	
	Murotomisaki	0			31	16.4					28.5								1	30	
	Hiroshima	0			31	16.8														37	
	Takamatsu	0			31	17.4					29.6								2	00	
	Tokushima	0			31	25.9					27.2								2	20	
	Kōchi	0			34	43.5					7.3									15	
29	Kameyama	0		15	59	20.7					53.0								1	00	
	Nagoya	0			59	57.3													4	00	

地震観測表（地震計なき官署の分） Report of Earthquakes (No Seismometer) 31年2月 Feb 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japanease			h	m
1	Tōhaku	東伯	Tottori	II	04	30
4	Nagaoka	長岡	Kōchi	I	06	42
6	Shirahama	白浜	Wakayama	I	22	58
7	Isuki	都志	Hyōgo	II	05	26
7	Gobō	御坊	Wakayama	I	19	39
8	Haibara	榛原	Nara	I	10	42
	Imazu	今津	Shiga	I		43
	Mandokoro	政所	〃	II		43
	Ōuda	大宇陀	Nara	I		45
8	Gobo	御坊	Wakayama	I	12	36
13	Oka	岡	Nara	II	06	35
	Dorogawa	洞川	〃	I	06	40
16	Yokose	横瀬	Tokushima	II	13	05
	Naruto	鳴門	〃	I		05
	Hinokami	日野上	Tottori	I		05
	Tsubakidomari	椿泊	Tokushima	III		07
	Orono	鬼籠野	〃	III		08
	Hiwasa	日和佐	〃	II		08
	Tōhaku	東伯	Tottori	III		08
	Nagashima	長島	Okayama	II		08
	Ushimado	牛窓	〃	I		08
	Hannabe	半辺	Hiroshima	I		08
	Ikeda	池田	Tokushima	II		09
	Ichiu	一宇	〃	II		09
	Suzaki	須崎	Kōchi	II		09
	Honkawa	本川	〃	II		09
	Motoyama	本山	〃	II		09
	Yasu	夜須	〃	II		09
	Tano	田野	〃	II		09
	None	根	〃	II		09
	Makiyama	槙山	〃	II		09
	Ajino	味野	Okayama	III		09
	Kurashiki	倉敷	〃	II		09
	Saidaiji	西大寺	〃	II		09
	Okada	岡田	〃	II		09
	Susai	周匝	〃	II		09
	Tonosaki	東ノ崎	〃	II		09
	Wake	和気	〃	II		09
	Kakei	加計	Hiroshima	II		09
	Nagaoka	長岡	Kōchi	I		09
	Uji	宇治	Okayama	I		09
	Matsunaga	松永	Hiroshima	I		09
	Kawanishi	川西	Tokushima	III		10
	Iwakura	岩倉	〃	III		10
	Sakai	遠	Tottori	III		10
	Yuki	油木	Hiroshima	II		10

Date	Station		Prefecture	S.I	Time	
	Roman	Japanese			h	m
	Hōzan	甲山	Hiroshima	I		10
	Shishikui	宍喰	Tokushima	II		11
	Funo	布野	Hiroshima			2
	Yoshida	吉田	〃			20
17	Motoyama	本山	Kōchi	I	11	42
17	Tadono	田殿	Wakayama	I	15	18
18	Gobō	御坊	〃	I	00	35
18	Shimosato	下里	〃	II	15	00
	Tadono	田殿	〃	I		01
	Dorogawa	洞川	Nara	II		03
	Ouda	大宇陀	〃	I		03
	Kaibara	榛原	〃	I		03
	Gobō	御坊	Wakayama	I		03
	Kawai	河合	Nara	II		04
	Teragaito	寺垣内	〃	III		04
	Kawakami	川上	〃	III		04
	Kojindake	荒神山	〃	II		04
	Koyasan	高野山	Wakayama	I		05
	Kuriugawa	栗栖川	〃	II		15
18	Gobō	御坊	〃		17	19
19	Saijō	西条	Hiroshima	II	12	46
	Funo	布野	〃	I		47
	Naza	波佐	Shimane	II		50
	Yahata	八幡	Hiroshima	I		50
	Hatsukaichi	甘日市	〃	III		51
	Yoshima	吉和	〃	II		51
	Hakei	加計	〃	II		51
	Ōsa	大朝	〃	II		51
	Kure	呉	〃	II		51
	Matsunaga	松永	〃	I		51
	Masuda	益田	Shimane	I		51
	Kabe	可部	Hiroshima	II		52
	Saeki	佐伯	〃	II		54
	Takehara	竹原	〃	II		55
19	Shishikui	宍喰	Tokushima	I	23	58
20	Tadono	田殿	Wakayama	I	20	30
21	Gobō	御坊	〃	I	04	21
22	Kabe	可部	Hiroshima	I	16	46
23	Hatsukaichi	甘日市	〃	II	05	34
	Kurahashi	倉橋	〃	II		35
	Kure	呉	〃	II		35
	Kakei	加計	〃	II		36
23	Tubakidomari	椿泊	Tokushima	I	21	27
	Orono	鬼籠野	〃	II		28
	Kawai	川井	〃	II		28
	Kawanishi	川西	〃	II		29
24	Shirahama	白浜	Wakayama	I	13	10
	Akaya	赤屋	Shimane	II	22	03
	Sakai	境	Tottori	II		03
	Kakei	加計	Hiroshima	I		04

Date	Station		Prefecture	SI	Time	
	Roman	Japaneas			h	m
	Kuze	久世	Okayama	II		04
	Tōhaku	東伯	Tottori	III		08
25	Dorogawa	洞川	Nara	II	03	05
	Oka	岡	〃	II		05
	Haibara	榛原	〃	I		08
	Ōuda	大宇陀	〃	II		10

2月地震回数表 Number of Earthquakes (February 1956)

Station \ S.I	0	I	II	III	IV	total
Kinki Area (近畿地方)						
Osaka	15	—	—	—	—	15
Kyōto	20	1	—	—	—	21
Hikone	29	1	—	—	—	30
Wakayama	38	10	1	—	—	49
Shionomisaki	15	—	—	—	—	15
Nara	12	4	—	—	—	16
Sumoto	43	1	1	—	—	45
Toyooka	11	—	—	—	—	11
Himeji	7	—	—	—	—	7
Ibukiyama	22	—	1	—	—	23
Kōbe	11	—	—	—	—	11
Maizuru	7	—	—	—	—	7
Chūgoku Area (中国地方)						
Hiroshima	16	1	1	—	—	18

Station \ S.I	0	I	II	III	IV	total
Matsue	6	—	—		—	6
Okayama	3	1	1	—	—	5
Tottori	9	1	—	—	—	10
Hamada	13	—	—	—	—	13
Yonago	5	1	—	—	—	6
Saigō	6	—	—	—	—	6
Shikoku Area (四国地方)						
Takamatsu	27	1	—	—	—	28
Matsuyama	18	—	—	—	—	18
Tokushima	16	1	—	—	—	18
Kōchi	31	3	1	—	—	35
Shimizu	13	—	—	—	—	13
Murotomisaki	24	1	—	—	—	25
Uwajima	5	3	—	—	—	8
Sukumo	3	2	—	—	—	5

International Seismological Centre

大　阪　管　区

地　震　月　報

昭和 31 年 3 月

The Monthly Report of Earthquakes

March **1956**

Geophysics Division,
Dept. of Scientific and Industrial Research,

SEISMOLOGICAL OBSERVATORY,

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

International Seismological Centre

昭和31年3月　　March　1956

地震観測表　Seismometrical Report

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
1	Kameyama	0	EP	05 58 44.0					4 00	
1	Kōchi	0	e_E	06 05 41.0		5 07.3			15 00	
	Kōbe	0	e_N	07 39.1						
1	Sumoto	0	ep_H	09 28 41.9		55			20	
	Wakayama	0	ep_N	29.37.9		46	20		30	
1	Shionomisaki	0	S	21 01 55.3	-1.7				8	
1	Wakayama	0	ep_N	21 40 29.6		09	3		10	
1	Nagoya	0	ep_N	23 07 13.2					3 20	
	Kōchi	0	ep_E	07 31.9						
2	Wakayama	0	ep_N	05 05 01.3		08	3		20	
2	Wakayama	I	ep_N	07 37 35.5		15	27		35	Local shock
2	Owashi	0	e	12 45 49.5					1 00	
	Sumoto	0	e_N	45 53.9					10	
2	Wakayama	I	ep_N	17 51 34.6		09	27		45	Local shock
2	Kameyama	0	ep	21 05 37.3					9 00	
2	Tottori	0	ep_N	23 06 53.1		23			7	
2	Wakayama	0	ep_N	23 37 43.6		28			28	
2	Nagoyo	0	ep_E	23 54 33.8		40.2			2 30	
3	Murotomisaki	0	e	11 34 24.8					19	
3	Kameyama	0	ep	15 41 47.6		33			1 00	
3	Owashi	0	ep	19 20 58.3					1 00	
	Kameyama	0	ep	21 03.5					5 00	
	Hikone	0	P	21 09.4					3 30	
3	Nagoya	0	ep_E	20 15 27.7					10 00	
3	Murotomisaki	0	e_{HZ}	20 42 50.6					13 00	
	Kōchi	0	e	44 38.3					7 00	
	Takamatsu	0	ep	44 43.9		1 18.2			15 00	
	Tokushima	0	ep	44 47.8					6 00	
	Sumoto	0	ep_N	44 52.8		1 12.3			13 00	
	Shimizu	0	ep_H	45 05.4		1 00.0			8 00	
	Owashi	0	e	45 10.4					8 00	
	Hiroshima	0	e_{HZ}	45 14.5					10 40	
	Kameyama	0	e	45 15.7					17 00	
	Shionomisaki	0	e_{HZ}	45 18.0					12 00	
	Kyōto	0	eS	45 27.5					12 00	
	Ōsaka	0	eL	45 59.0					4 00	
	Kōbe	0	P	46 02.4						
	Nara	0	ep	46 07.1					6 40	
	Hikone	0	S	46 17.1					15 00	
	Joyooka	0	e_{HE}	46 31.0						
4	Nagoya	0	P_E	16 52 16.3		5.8			1 40	
	Kameyama	0	ep	52 25.8		6.3			2 00	
	Hikone	0	S	52 34.7					30	

Date	Station	SI	PR	Time (J.M.T)	Initial M			P~S	Max Amp.						P~F	Remarks
									Amp			Period				
				h m s	N	E	Z	m s	N	E	Z	N	E	Z	h m s	
					μ	μ	μ		S	μ	μ	S	S	S		
4	Takamatsu	0	iP_N	20 09 03.5				11.0							2 00	
	Kōchi	0	eP	09 09.6				9.9							50	
	Murotomisaki	0	eP	09 10.4				6.7							1 50	
	Wakayama	0	eP_N	09 14.0				7.3							1 20	
	Ōkayama	0	eP	09 17.0				14.2							1 00	
	Matsuyama	0	eP_E	09 20.4				16.5							1 30	
	Kyōto	0	eP	09 35.2				16.8							3 00	
	Kameyama	0	eb	09 36.6				27.5							2 00	
	Johnoshima	0	eP	09 53.8				5.0							1 40	
	Shionomisaki	0	eS	10 35.7											53	
4	Wakayama	0	eP_N	21 27 35.3				0.7	3						15	
5	Wakayama	0	eP_N	01 27 05.0				0.7	4						10	
5	Wakayama	0	eP_N	02 55 28.8				0.8	4						15	
5	Uwajima	I	iP	15 43												伊予灘
	Sukumo	0	iP	43 26.6				2.4							7	
	Matsuyama	0	iP_N	43 58.5	+4	+5	+4	7.9	60	74	23	08	08	04	2 40	Coast of
	Takuyama	0	eP	44 00.7				3.8.8							2 10	Ehime Pref
	Hiroshima	I	eP_{EZ}	44 03.4	-1		(-)	10.2	10	13	8	03	03	03	1 20	
	Shimizu	0	eP_H	44 06.0				12.5							1 20	
	Kōchi	0	eP	44 07.7				10.9							1 10	
	Muroto-misaki	0	eP	44 08.7				15.4							1 40	
	Takamatsu	0	eP	44 16.6				22.0							4 00	
	Tokushima	0	eP	44 24.1				32.3							2 00	
	Hamada	0	eP	44 28.2				10.5							1 00	
	Sumoto	0	eP_E	44 35.3				27.2							1 20	
	Ōsaka	0	e	45 09.2											2 00	
	Kyōto	0	eP	45 23.7				27.0							1 00	
	Nagoya	0	eP_E	45 38.0											2 00	
6	Uwajima	0	eP	01 41 21.8				2.9							13	
	Sukumo	0	P	41 26.0				11.0							3	
6	Murotomisaki	0	eP_H	08 3											25 00	
	Shimizu	0	eP_E	31 57.2											19 00	日ツ海南部
	Nagoya	0	eP_N	32 17.7				33.1							11 00	S part of
	Hikone	0	P	32 22.5				37.2							25 00	Okhotsk Sea
	Ikukiyama	0	eP_N	32 22.9												φ = 44.5 N
	Kameyama	0	eP	32 24.1				13.9							19 00	λ = 144.3 E
	Kyōto	0	eP	32 27.0				15.2							18 00	D = 20 Km
	Joyooka	0	eP_{HE}	32 28.2												
	Saigō	0	eP	32 32.2				11.4							9 00	
	Nara	0	iP	32 32.7	(+)	(+)									8 00	
	Ōsaka	0	eP	32 34.5				27.3							15 00	
	Owashi	0	eP	32 34.6				16.7							9 00	
	Kōbe	0	eP_H	32 35.4				33.2							45 00	
	Sumoto	0	P_{HE}	32 38.6	-1		(+)	29.7							21 00	
	yonago	0	eP	32 39.1				16.4							26 00	
	Shionomisaki	0	eP	32 40.9				29.4							18 00	
	Tokushima	0	S	32 45.1											8 00	
	Takamatsu	0	eP	32 45.4				23.9							18 00	
	Hamada	0	eP	32 54.2				38.3							25 00	

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max. Amp. Amp N E Z μ μ μ	Max. Amp. Period N E Z s s s	P~F h m s	Remarks
	Kōchi	0	ep	559	(−) (−) (+)	2 58.7			15 00	
	Matsuyama	0	ep_N	32 56.5		2 44.0			22 20	
	Hiroshima	0	ep	32 58.1		2 23.1			20 00	
6	Nagoya	0	ep_E	10 55 01.6					3 10	
6	Wakayama	0	ep_N	19 13 07.2		1.3	10		20	
6	Wakayama	0	e	23 44 59.6					11 00	
7	Shionomisaki	0	P	04 10 03.6	(−)	4.8	7 14		50	
	Wakayama	0	ep_N	10 10.2		9.3	20		1 00	
	Owashi	0	ep	10 11.2		0.9			1 00	
	Sumoto	0	P_H	10 15.1		11.6			35	
	Takamatsu	0	ep	10 22.7		18.7			3 00	
7	Nagoya	0	ep_N	04 48 43.7					24	
7	Matsuyama	0	ep_N	12 05 09.3		7.5			1 00	
7	Nagoya	0	ep_E	16 11 49.2					41 00	
8	Wakayama	0	ep_N	00 15 59.4		6.0	3		25	
8	Owashi	I	ep	20 58 01.3		0.2			2 00	
9	Nara	0	ep	07 41 51.6					6 30	
	Nagoya	0	P_E	41 51.8		22.8			9 00	
	Kameyama	0	ep_E	41 55.4		33.8			6 00	
	Hikone	0	P	41 59.9		32.2			3 00	
	Ibukiyama	0	ep_N	42 03.4		32.8				
	Kyōto	0	ep	42 04.2		37.8			3 00	
	Ōsaka	0	ep	42 12.9		26.4			5 00	
	Sumoto	0	ep_N	42 13.5		33.3			1 30	
	Takamatsu	0	ep	42 21.2		2 11.0			10 00	
9	Matsuyama	0	ep_E	07 43 25.1		6.0			1 30	
	Hiroshisna	0	ep_{NE}	43 26.1		9.7			23	
	Kōchi	0	ep	43 46.3		3.5			15	
9	Uwajima	0	ep	17 01 33.5		7.1			1 20	
10	Hikone	0	P	06 48 ~					3 00	
	Nagoya	0	ep_N	49 20.5		23.5				
	Kameyama	0	ep	49 23.9						
	Ibukiyama	0	ep_N	49 24.3						
	Ōsaka	0	ep	49 33.3					4 00	
	Nara	0	ep	49 59.5					8 10	
10	Nagoya	0	ep_N	06 51 36.8		23.2			2 30	
	Kameyama	0	ep	52 05.4					3 00	
	Hikone	0	S	52 17.2					1 30	
10	Tokushima	0	ep	08 35 29.3		6.4			1 00	
	Sumoto	0	ep_N	35 34.1		11.3			25	
10	Nagoya	0	ep_N	18 03 58.9		23.2			1 50	
10	Nagoya	0	ep_N	18 25 37.7					47	
10	Nagoya	0	ep_E	18 28 19.5					1 20	
10	Nagoya	0	ep_E	18 33 43.5		23.9				三宅島南東沖
	Hikone	0	P	33 53.3		48.3			5 00	S.E coast of
	Kyōto	0	ep	33 57.7		31.9			3 00	Miyakojima
	Owashi	0		34 04.7		27.0			3 00	$\varphi = 33.7$ N
	Kameyama	0	ep	34 06.0		32.2			11 00	$\lambda = 140.0$ E
	Osaka	0	ep	34 09.2		43.2			7 30	D = 40. Km

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N μ E μ Z μ	P~S m s	Max Amp. Amp N μ E μ Z μ	Max Amp. Period N s E s Z s	P~F h m s	Remarks
	Nara	0	ep	34 19.6					10 00	
	Shionomisaki	0	ep	34 21.0		250				
	Ibukiyama	0	ep_N	34 21.7						
	Sumoto	0	ep_{HZ}	34 29.5		364			6 00	
	Murotomisaki	0	ep	34 36.6		423			3 40	
	Kōhi	0	ep_{EZ}	34 43.7		2 00.6			7 00	
	Kōbe	0	e_N	34 48.9						
	Matsuyama	0	ep_N	34 50.9					7 40	
10	Shionomisaki	0	e	18 36 26.9					6 00	
10	Nagoya	0	ep_E	18 38 02.6		23.9			6 00	
	Ibukiyama	0	ep_N	38 42.9						
	Hikone	0	S	38 43.8					1 30	
	Kyōto	0	e	38 53.7						
11	Hikone	0	P	05 06 32.8		53.8			4 00	
	Ibukiyama	0	ep_N	06 35.0						
	Nagoya	0	ep_Z	06 44.2					4 00	
	Kameyama	0	ep	06 45.2					6 00	
	Kyōto	0	ep	06 50.8		39.5			2 00	
	Ōsaka	0	e	07 25.3					3 00	
	Sumoto	0	e_N	07 41.5					1 00	
11	Murotomisaki	0	e	06 43 48.8					1 20	
	Kōchi	0	P	43 50.2						
	Matsuyama	0	ep_N	43 50.7		1 22.5			5 10	
	Hiroshima	0	ep	43 55.1		5 20.1			11 00	
	Tokushima	0	e	43 57.4					3 00	
	Takamatsu	0	ep	43 58.0		5 23.9			27 00	
	Sumoto	0	ip_{HZ}	43 59.5	-2 (-) -5	5 24.3			14 00	
	Ōsaka	0	ep	44 00.0					9 00	
	Kyōto	0	ep	44 00.9					8 00	
	Kameyama	0	ep_N	44 06.9		5 13.5			13 00	
	Ibukiyama	0	ep_N	44 08.2						
	Hikone	0	P	44 09.5		5 32.6			10 00	
	Nagoya	0	ep_Z	44 10.1					4 00	
11	Tokushima	0	e	06 49 21.1					2 00	
11	Kyoto	0	ep	06 50 30.3						
11	Nagoya	0	ep_Z	06 58 39.5					2 00	
	Hikone	0	P	58 55.1					2 20	
	Kameyama	0	e	59 05.4					3 00	
	Kyōto	0	ep	59 15.2						
11	Tokushima	0	ep	09 45 43.0		6.8			1 00	
	Sumoto	0	P_H	45 44.2		6.9			1 00	
	Shionomisaki	0	ep	45 46.1		9.2			30	
	Takamatsu	0	ep	45 55.9		9.5			1 00	
	Murotomisaki	0	ep	46 04.9		2.2			46	
	Kameyama	0	ep	46 24.4						
11	Murotonisaki	0	ep	15 26 30.9		22			29	
11	Kōchi	0	ep	17 23 27.8		1 03.0				
11	Kyōto	0	ep	18 34 45.6		22			30	

Date	Station	SI	PR	Time (JMT) h m s	Initial M N E Z μ μ μ	P~S m s	Max. Amp. Amp N E Z μ μ μ	Max. Amp. Period N E Z s s s	P~F h m s	Remarks
12	Nagoya	0	P_E	00 00 00.5					58	
12	Sumoto	0	P_H	10 48 13.4		10.2			35	
12	Wakayama	0	eP	22 10 39.1		0.8	6.4		18	
12	Maizuru	I	eP	22 46 19.5		2.8	22 19.1		40	舞鶴附近
	Kyōto	0	eP	46 23.8		6.0			1 00	Near Maizuru
	Toyooka	0	eS_{HE}	46 30.9						
	Sumoto	0	eP_N	46 39.8		7.0			35	
	Kameyama	0	e	46 48.5					1 00	
	Takamatsu	0	e_H	46 58.1					50	
13	Wakayama	I	eP	00 14 26.1		1.0	11 13		30	Local shock
13	Wakayama	0	eP	03 49 07.1		2.0	2 2		15	
13	Murotomisaki	0	eP	07 23 41.5		8.7			55	
13	Hiroshima	I	P_{HZ}	07 23 45.9	+5 -2 -6	2.6	18 31 8	0.2 0.2 0.2	1 30	広島附近
	Matsuyama	0	eP_N	23.58.8		9.5			2 10	Near
	Matsue	0	eP	24 02.9		12.0			1 40	Hiroshima
	Takamatsu	0	eP	24 06.5		16.9			2 00	
	Kōchi	0	eP	24 08.4		16.6			55	
	Sumoto	0	eP_N	24 20.2		23.9			1 10	
	Kyōto	0	eP	25 12.0						
	Hikone	0	eP	25 25.3					40	
	Ibukiyama	0	eP_E	25 25.5						
13	Murotomisaki	0	e	16 00 46.7					6	
13	Sumoto	0	eP_N	17 58 29.6		2.7			20	
13	Kameyama	0	eP	18 26 52.0		47.8			9 00	茨木県沖
	Nara	0	eP	27 25.5					5 40	
	Nagoya	0	eP_E	27 31.1		59.2			7 30	E coast of
	Hikone	0	P	27 34.5		1 11.2			5 00	Ibaraki
	Ibukiyama	0	eP_N	27 35.6						pref
	Kyōto	0	eP	27 50.1		1 20.3			4 00	φ = 36.2 N
	Ōsaka	0	eP	28 03.1		1 23.2			5 30	λ = 142.2 E
	Takamatsu	0	eP	28 10.5		1 26.8			5 00	D = 40 Km
	Kōbe	0	e_N	29 18.6						
	Kōchi	0	eP	29 21.0		2 10.9			7 00	
	Sumoto	0	eP_H	29 21.5		32.7			3 00	
13	Sumoto	0	eP_N	20 00 13.3		2.2			15	
13	Murotomisaki	0	eP	23 36 45.8		1.2			21	
	Sumoto	0	eP_H	36 47.1		6.5			20	
14	Nagoya	0	eP_E	01 36 49.6		1 00.7			4 20	
	Hikone	0	eP	37 02.5					4 00	
	Kameyama	0	e	37 10.5					5 00	
	Kyōto	0	eP	37 36.3		56.2			3 00	
	Ōsaka	0	eP	38 00.9		1 00.3			4 00	
14	Wakayama	0	eP	02 20 03.4		1.7	7 6		15	
14	Kameyama	0	eP	16 53 52.6		1 28.9			6 00	
	Nagoya	0	eP_E	53 54.5		1 30.0			5 10	
	Ōsaka	0	e_N	53 54.8					2 00	
	Takamatsu	0	eP_N	53 57.2		1 34.9			7 00	
	Kyōto	0	eP	54 06.8		1 34.0			3 00	
	Nagoya	0	eP_E	00 29 56.4					10	

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N E Z μ μ μ	P~S m s	Max Amp. Amp N E Z μ μ μ	Max Amp. Period N E Z s s s	P~F h m s	Remarks
15	Kōchi	0	ep	07 22 24.2		07			5	
15	Wakayama	0	ep	14 43 02.1		1.5	19 13		30	
15	Sumoto	0	ep_H	21 33 18.5		8.7			30	
16	Wakayoma	I	ep	16 03 34.6		2.4	13 14		40	和歌山附近
	Sumoto	0	ep_H	03 36.7		6.5			55	near
	Tokuskima	0	ep	03 38.9		7.8			1.30	Wakayama
	Takamatsu	0	ep	03 46.9		14.5			1.20	
	Kara	0	ep	03 57.8					1.50	
	Kameyama	0	ep	04 05.9					2.00	
	Nagoya	0	ep_N	04 26.9					40	
16	Sumoto	0	e_N	19 57 57.8					20	
16	Sumoto	0	e_H	20 48 23.8					15	
17	Hiroshima	0	ep_{HZ}	10 35 59.7		10.2			33	
	Matsuyama	0	sp_N	36 00.8		9.5			1.20	
	Sumoto	0	P_H	36 08.3		15.9			40	
	Tokushima	0	iS	36 16.6					50	
	Hamada	0	ep	36 19.3		2.3			13	
17	Tottori	0	ep_N	11 30 ~		0.3			13	
17	Takamatsu	0	ep	17 53 35.6		9.3			2.00	
	Sumoto	0	P_H	53 41.4		7.8			40	
17	Sumoto	0	ep_N	17 57 12.9		9.7			30	
17	Hiroshima	0	ip_{HZ}	18 44 49.2	+10 +4 -12	2.5	20 38 13	0.2 0.3 0.2	1.10	広島附近
	Hamada	0	ep	44 54.2		6.4			1.10	Near
	Matsuyama	0	ep_N	44 59.6		9.5			1.20	Hiroshima
	Matsue	0	ep	45 04.9		12.7			56	
	Yonago	0	ep	45 07.1		12.6			55	
	Takamatsu	0	ep	45 08.1		17.5			2.00	
	Kōchi	0	ep	45 11.2		15.6			55	
	Uwajima	0	ep	45 11.9		14.2			43	
	Shimizu	0	ep_H	45 20.7		24.2			1.40	
	Sumoto	0	P_{HZ}	45 21.3		25.2			1.10	
	Tokushima	0	ep	45 21.4		21.6			2.30	
	Tottori	0	ep_N	45 39.6		2.3			38	
	Hikone	0	P	45 49.7		34.7			2.30	
	Kyōto	0	ep	46 09.1		20.9			1.00	
	Kameyama	0	ep_E	46 13.1		18.2			2.00	
	Nagoya	0	ep_E	46 34.4					1.20	
17	Nagoya	0	ep_E	20 43 56.0					5.10	
	Ibukiyama	0	ep_N	43 59.8		1 10.3				岩手県北部
	Hikone	0	P	20 44 00.6		1 10.6			6.00	N Part of
	Kameyama	0	ep_Z	44 03.5		1 15.8			7.00	Iwate Pref
	Kyōto	0	ep	44 04.5		1 15.6			4.00	φ = 40.2N
	Joyooka	0	ep_{EZ}	44 07.0		1 14.4				λ = 141.2E
	Ōsaka	0	e_Z	44 08.1					6.00	D = 80 Km
18	Marotomisaki	0	ep	00 08 15.9		2.0			23	
18	Shimizu	0	ep_E	04 32 20.7		12.3			1.40	
	Matsuyama	0	ep_E	32 36.1		11.5			1.10	
18	Nagoya	0	ep_N	05 03 25.8					2.40	
	Hikone	0	P	03 39.8					1.40	

Date	Station	SI	Ph	Time (J.M.T.) h m s	Initial M N	E	Z	P~S m s	Max Amp Amp/p N	E	Z	Period N	E	Z	P~F h m s	Remarks
									μ	μ	μ	s	s	s		
18	Nagoya	0	eP_E	22 51 19.9											2 40	
19	Shionomisaki	0	S	13 25 50.2											1 20	
20	Kameyama	0	eP	02 15 26.7				56							1 00	
20	Ibukiyama	0	eP_N	02 43 55.8												
	Osaka	0	e_Z	43 58.4											4 30	
	Kyoto	0	eP	43 59.2				2 18.9							5 00	
	Kochi	0	eP_N	44 01.2				6 07.7							10 00	
	Takamatsu	0	eP	44 02.0				4 55.6							17 00	
	Kameyama	0	e	44 03.6											7 00	
	Kobe	0	eP_N	44 04.0												
	Hikone	0	P	44 04.1											10 00	
21	Sumoto	0	P_N	00 58 39.8				36	6			03			20	
21	Sumoto	0	P_N	04 39 42.2				38							15	
21	Sumoto	0	eP_N	08 21 47.3				43							30	
21	Wakayama	I	eP	55 01.8				0.9	34	35					30	和歌山附近
	Sumoto	0	P_H	55 05.6				2.6							15	Near Wakayama
21	Shimizu	0	eP_N	14 07 25.4				11.3							1 40	
	Matsuyama	0	eP_N	07 33.4											5 30	
	Takamatsu	0	eP	08 09.0				5.96							10 00	
21	Wakayama	I	eP	16 22 32.7				2.1	19	38					20	Local Shock
22	Maizuru	0	eP	00 19 29.6				25.1							1 10	
	Ibukiyama	0	eP_N	19 34.2												
	Hikone	0	P	19 41.2				26.3							4 00	
	Kyoto	0	eP	19 43.5				40.6							3 00	
	Nagoya	0	eP_N	19 48.3				20.5							0 10	
	Osaka	0	eP	19 52.5				40.1							3 30	
	Kameyama	0	eP	19 55.0				37.3							4 00	
	Joyooka	0	eS_H	19 56.1												
	Takamatsu	0	eP	20 04.2				44.9							4 00	
	Tottori	0	eP_N	20 08.9				0.3							52	
	Nara	0	eP	20 25.5											1 40	
	Sumoto	0	e_H	20 30.0											2 00	
	Matsuyama	0	eP_N	20 36.0												
22	Hamada	0	i	00 54 53.4											10	
	Hiroshima	0	$2S_{HZ}$	55 12.5											14	
	Matsuyama	0	eP_E	55 21.6				7.5							53	
22	Wakayama	0	eP	06 26 29.2				1.8	6	3					10	
22	Wakayama	I	eP	07 11 54.5	(−)	(+)		1.8	30	40					40	和歌山附近
	Sumoto	0	P_{HZ}	11 58.3				5.5	8			04			1 00	Near
	Takamatsu	0	eP	12 10.2				14.3							2 00	Wakayama
	Kameyama	0	eS	12 30.0											2 00	
	Nagoya	0	eP_E	12 45.7											1 10	
22	Murotomisaki	0	eP	14 21 27.4				8 52.5	360	260	200	6.5	6.5	6.5	40 00	
22	Wakayama	0	eP	19 46 52.6				1.1	6	6					20	
	Sumoto	0	P_N	46 59.6				3.2							20	
22	Wakayama	0	eP	20 26 28.5				0.8	6	5					15	
23	Sumoto	0	eP_N	14 12 33.1				3.7							20	
25	Wakayama	I	eP	04 15 04.2				0.5	55	47					35	和歌山附近
	Sumoto	0	P_{HZ}	15 10.4				3.1							40	Near Wakayama

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N E Z μ μ μ	P~S m s	Max. Amp. Amp N E Z μ μ μ	Max. Amp. Period N E Z s s s	P~F h m s	Remarks
	Takamatsu	0	ep	15 270		8.1			2 00	
25	Wakayama	0	ep_N	04 18 033		0.3	4		20	
25	Sumoto	0	e_H	08 58 024					10	
26	Nagoya	0	ep_E	08 32 342					1 30	
26	Tokushima	0	ep	09 28 482		7.0			1 00	
26	Kōchi	0	ep	13 05 096					18 00	
26	Marotomisaki	0	e	21 10 006					6	
27	Kōchi	0	ep	09 33 413					1 00	
	Matsuyama	0	ep_E	33 519		7.5			1 30	
	Hiroshima	0	eS_{HB}	34 043					20	
27	Nagoya	I	P_E	20 17 090		2.7	29 29 21	01 01	56	
	Kameyama	0	ep	17 144		5.6			2 00	
28	Wakayama	0	ep	03 34 016		0.9	5 6		16	
28	Sumoto	0	ep_N	08 27 170		8.3			30	
28	Matsuyama	0	ep_N	11 41 464		30.0			1 50	
	Kōchi	0	ep	41 560						
28	Matsuyama	0	ep_E	23 20 557		2.5			1 40	
28	Nagoya	0	ep_N	23 34 367					17	
29	Sumoto	0	ep_N	07 05 384		4.2			5	
29	Nara	0	P	07 05 561		5.7 7			5 30	
	Shionomisaki	0	ep	06 428	+11 −7	1 04.5			4 00	
	Owashi	0	e	06 478					2 00	
	Sumoto	0	ep_{HZ}	06 524	+3	1 11.7			3 00	
	Kōchi	0	ip	06 525	+3 −2 +3	1 12.1				
	Kameyama	0	ep	06 53.5	+10	1 10.7			8 00	
	Ōsaka	0	ep	06 546	(+) (−)	1 08.9			6 20	
	Kōbe	0	ep_H	06 550		1 14.6			6 00	
	Kyōto	0	ip_N	06 552	+3	1 14.2			4 00	
	Takamatsu	0	ip	06 562	+5 −4 +8	1 14.2			9 00	
	Nagoya	0	ep_N	06 564		1 11.5			6 10	
	Hikone	0	P	06 578	(+) (+) (+)	1 14.6			5 00	
	Ikukiyama	0	ep_N	06 580						
	Matsuyama	0	ip_E	06 582		1 16.5			5 50	
	Hiroshima	0	iS_H	07 035	+1 −1 +5	1 21.1			3 30	
	Hamada	0	P	07 086	(+) (−) (+)	1 27.2			7 00	
29	Wakayama	0	ep	08 08 382		1 4	12 27		20	
29	Kyōto	0	ep	10 51 392		2.1			30	
29	Sumoto	0	P_H	22 38 595		9.8			35	
29	Owashi	0	ep	23 28 596		10.0			1 00	
30	Kyōto	0	ep	16 37 195		1 49.8			6 00	
	Nagoya	0	ep_E	37 365		41.6			5 40	
	Kameyama	0	ep	37 509		1.22.9			11 00	
	Ōsuka	0	e	39 29.5					2 30	
30	Wakayama	0	ep_N	21 13 304		3.0	5		35	
	Sumoto	0	ep_{HZ}	13 366		4.6			50	
	Owashi	0		13 395		9.0			1 00	
31	Wakayama	0	ep_E	02 10 41.0		0.5	3		12	
31	Wakayama	0	ep	02 59 354		1.3	7 3		20	
31	Ikukiyama	0	ep_N	03 45 365						

International Seismological Centre

Date	Station	SI	Ph	Time (J.M.T)	Initial M			P~S	Max · Amp. Amp			Max · Amp. Period			P~F	Remarks
				h m s	N	E	Z	m s	N	E	Z	N	E	Z	h m s	
					μ	μ	μ		μ	μ	μ	s	s	s		
	Nagoya	0	$_{E}P$	45 38.2											4.40	
	Kameyama	0	P	45 44.2											9.00	
	Kyōto	0	P	45 51.1				1 28.3							4.00	
	Toyooka	0	P	46 ~												
	Ōsaka	0	$_{E}P$	47 54.1											2.00	
31	Wakayama	0	$_{E}P$	51 28.2				05	5						15	
31	Nagoya	0	$_{E}P$	58 05.9											2.10	
31	Wakayama	0	P	07 40.2				1.0	8	9					10	
31	Tokushima	0	iP	55 33.7				48	42	37		05	05		2.30	徳島県中部
	Murotomisaki	0	P	55 34.3				7.4							1.30	
	Kochi	0	P	55 37.5				8.5							50	Central
	Sumoto	0	P_{HE}	55 40.9	+1	−1	+1	10.0	17			03			1.30	part of
	Otsuyama	0	P	55 45.0				11.7							42	Tokushima
	Matsuyama	0	$_{E}P$	55 48.0				16.5							1.50	pref
	Shionomisaki	0	P	55 49.6				16.4							50	
	Wakayama	0	P	55 49.8				32	29	12					50	
	Shimizu	0	$_{H}P$	55 51.8				18.2							2.10	
	Takamatsu	0	$_{N}iP$	55 52.2				7.6							2.00	
	Owashi	0	P	55 56.0				19.0							55	
	Kōbe	0	P	56 04.4												
	Hiroshima	0	$_{E}P$	56 06.0				10.3							47	
	Kameyama	0	P	56 06.5				29.5							2.00	
	Ōsaka	0	P	56 09.5											1.20	
	Hamada	0	P	56 32.0											24	
	Nagoya	0	$_{E}P$	56 40.1											1.40	
31	Tokushima	0	P	59 18.0				15.2							1.30	
	Sumoto	0	P_{H}	59 18.1				6.7							45	
	Wakayama	0	$_{E}P$	59 23.0				24	8						25	
	Takamatsu	0	P	59 34.4				8.8							1.30	

地震観測表（地震計なき官署の分） Report of Earthquakes (No Seismometer) 31年3月 March 1956

Date	Station		Prefecture	SI	Time	
	Roman	Japanese			h	m
2	Tadono	田殿	Wakayama	I	23	37
4	Hiwasa	日和佐	Tokushima	I	20	09
5	Kure	呉	Hiroshima	II	15	44
	Kurahashi	倉橋	〃	II		45
	Kōchi	河内	〃	I		46
6	Tadono	田殿	Wakayama	I	06	06
9	Ōasa	大朝	Hiroshima	I	19	40
9	Ōasa	大朝	〃	I	19	49
11	Gobō	御坊	Wakayama	I	09	50
11	Shōbara	庄原	Hiroshima	I	15	25
13	Etajima	江田島	Hiroshima	I	06	05
13	Hatoukaichi	廿日市	〃	II	07	14
	Kakei	加計	〃	II		24
	Shōbara	庄原	〃	I		24
	Kabe	可部	〃	II		25
13	Shōbara	庄原	〃	I	15	26
13	Tsubakidomari	椿泊	Tokushima	I	20	55
15	Kurisugawa	栗栖川	Wakayama	I	12	05
16	Gobō	御坊	〃	II	16	04
16	Tadono	田殿	〃	I	16	12
17	Kannabe	神辺	Hiroshima	I	10	20
17	Fukuyama	福山	〃	II	10	40
17	Seranishi	世羅西	〃	II	18	37
	Kakei	加計	〃	II		45
	Kabe	可部	〃	I		45
	Ōasa	大朝	〃	I		45
	Hatsukaichi	廿日市	〃	I		45
	Shōbara	庄原	〃	I		45
	Joyosaka	豊栄	〃	I		51
21	Gobō	御坊	Wakayama	I	08	21
21	Gobō	御坊	〃	I	17	16
22	Tadono	田殿	〃	I	07	13
23	Sakumo	宿毛	Kōchi	I	05	35
23	Hiwasa	日和佐	Tokushima	II	21	27
	Jano	田野	Kōchi	II		30
24	Tadono	田殿	Wakayama	I	08	40
26	Kawanishi	川西	Tokushima	I	09	32
28	Tadono	田殿	Wakayama	I	20	41
29	Sukumo	宿毛	Kōchi	I	09	30
31	Hiwasa	日和佐	Tokushima	II	18	55
	Kawanishi	川西	〃	II		55

3月地震回数表 Number of Earthquakes (March 1956)

Station \ S.I	O	I	II	III	IV	total
Kinki Area (近畿地方)						
Ōsaka	18	—	—	—	—	18
Kyōto	24	—	—	—	—	24
Hikone	21	—	—	—	—	21
Wakayama	28	8	—	—	—	36
Shionomisaki	11	—	—	—	—	11
Nara	9	—	—	—	—	9
Sumoto	44	—	—	—	—	44
Toyooka	6	—	—	—	—	6
Himeji	—	—	—	—	—	0
Ibukiyama	14	—	—	—	—	14
Kōbe	8	—	—	—	—	8
Maizuru	1	1	—	—	—	2
Chūgoku Area (中国地方)						
Hiroshima	9	3	—	—	—	12
Matsue	2	—	—	—	—	2
Okayama	3	—	—	—	—	3
Tottori	4	—	—	—	—	4
Hamada	7	—	—	—	—	7
Yonago	2	—	—	—	—	2
Saigō	1	—	—	—	—	1
Shikoku Area (四国地方)						
Takamatsu	24	—	—	—	—	24
Matsuyama	19	—	—	—	—	19
Tokushima	14	—	—	—	—	14
Kōchi	19	—	—	—	—	19
Shimizu	7	—	—	—	—	7
Murotomisaki	16	—	—	—	—	16
Uwajima	3	1	—	—	—	4
Sukumo	2	—	—	—	—	2

DOMINION OBSERVATORY
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International Seismological Centre

大阪管区

地震月報

昭和31年4月

The Monthly Report of Earthquakes

April **1956**

Geophysics Division,
Dept. of Scientific and Industrial Research,
SEISMOLOGICAL OBSERVATORY.

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

昭和31年4月　　April　1956

地震観測表　Seismometrical Report

Date	Station	SI	PH	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max·Amp Amp N E Z	Max·Amp Period N E Z	P~F h m s	Remarks
1	Kameyama	0	ep	00 12 49.0	〃 〃 〃	28.9	〃 〃 〃	S S S	1 00	
	Kyōto	0	ep	12 55.9		3.4			30	
1	Murotomisaki	0	ep	02 52 24.3		46			1 00	
1	Sumoto	0	ep_N	08 34 16.5		7.5			25	
1	Tottori	0	ep_N	09 15 50.1		2.2			15	
1	Tokushima	0	ip	14 04 12.2		5.7	30 26	- -	2 20	徳島県西部
	Takamatsu	0	ip_N	04 19.2		9.8			3 40	
	Kōchi	0	ep	04 22.9		9.1			1 10	W Part of
	Sumoto	0	ep_H	04 24.3		10.5			1 40	
	Okayama	0	ep	04 26.2		13.3			1 10	Tokushima
	Wakayama	0	ep	04 32.4		12.9			1 40	
	Matsuyama	0	ep_N	04 33.0		15.0			2 00	Pref
	Ōsaka	0	ep	04 34.8		13.7			3 00	
	Murotomisaki	0	ep	04 37.9	(−) (+) (+)	8.7			1 20	
	Shionomisaki	0	e	04 38.4					1 10	
	Hiroshima	0	ep_{HZ}	04 38.7	−1 (+)	19.2			1 00	
	Owashi	0	ep	04 41.9		23.9			1 00	
	Kameyama	0	ep	04 49.5		38.8			3 00	
	Hamada	0	ep	05 03.9		7.2			1 20	
	Hukone	0	S	05 15.4					1 30	
	Nagoya	0	ep_E	05 27.0					1 50	
2	Murotomisaki	0	ep	03 51 30.7		0.7			12	
2	Sumoto	0	e_H	09 39 30.5					10	
2	Nagoya	0	ep_E	13 45 31.2					1 50	
2	Hiroshima	0	ep_{HZ}	19 58 20.8					41 00	
	Kōchi	0	ep	58 26.6					36 00	
	Tokushima	0	ep	58 28.7		5 38.0			16 00	
	Takamatsu	0	ep	58 32.3		5 43.8			36 00	
	Sumoto	0	ip_{HZ}	58 36.5		4 31.6			39 00	
	Ōsaka	0	ep	58 39.6					5 00	
	Kōbe	0	ep_H	58 40.6						
	Toyooka	0	e_{HZ}	58 41.8						
	Nara	0	ep	58 46.2					3 10	
	Kameyama	0	ep	58 47.3					39 00	
	Kyōto	0	ep	58 47.7	(+)	8 05.1			30 00	
	Nagoya	0	ep_N	58 57.1					4 20	
	Hamada	0	e_N	20 14 59.2						
	Yonago	0	i	15 55.7					12 00	
	Shimizu	0	e_L	17 39.4						
3	Nagoya	0	ep_E	00 58 01.3		7.0			1 20	
3	Wakayama	0	ep_N	10 08 42.1		0.7	15	-	15	
3	Takamatsu	0	ep	18 33 58.0		8.5			1 00	
3	Wakayama	0	ep	22 21 14.0		0.8	4 4	- -	12	

Date	Station	SI	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max Amp. Amp N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
							μ	μ	μ			m	m	μ	s	s	s				
3	Wakayama	1	ep	23	51	19.3					0.9	36	47							50	和歌山附近
	Sumoto	0	P_H		51	21.8					3.3									25	near Wakayama
4	Ibukiyama	0	ep_E	00	41	06.2															
	Nagoya	0	ep_E		41	17.0					30.1								6	00	新潟県沖
	Kameyama	0	ep		41	24.3					40.9								9	00	N coast of
	Hikone	0	P		41	24.9					30.4								5	00	Niigata
	Kyōto	0	ep		41	31.9					42.7								6	00	Pref
	Nara	0	ep		41	35.3					42.6								7	20	$\varphi = 37.4$ N
	Ōsaka	0	ep		41	42.7					42.7								5	00	$\lambda = 138.3$ E
	Joyooka	0	eS_H		41	53.5															D = 40 Km
	Takamatsu	0	ep		42	01.3					1.02.4								4	00	
	Matsuyama	0	ep_N		42	39.1															
	Sumoto	0	ep_H		42	40.0					1.02.1								5	00	
	Kōchi	0	ep		43	25.9															
4	Wakayama	0	ep	04	10	32.0					06	2	3		-	-				10	
4	Shionomisaki	0	ep	08	24	20.4					20.3								3	30	
4	Nagoya	C	iP_E	09	23	45.5					15.5	108	77	43	09	15	09		8	40	大井川流域
	Kameyama	0	ep		23	52.7					21.1	51			08				9	00	Central
	Ibukiyama	0	iP_E		23	58.9					24.4										Part of
	Nara	0	ip		24	02.0					14.3								13	00	Shizuoka
	Owashi	0	ep		24	02.1					22.6								2	10	Pref
	Kyōto	0	ep		24	03.4					27.3								4	00	$\varphi = 35^{\circ}$ N
	Ōsaka	0	ep		24	08.5	(—)				31.6	89	62	53	27	24	22		7	00	$\lambda = 138.4$
	Maizuru	0	ep		24	09.6					31.9								1	40	D = 20 Km
	Kōbe	0	ep_N		24	11.3					37.1								7	00	
	Sumoto	0	ep_{HS}		24	13.9					45.1								6	30	
	Joyooka	0	iP_{EE}		24	19.5					34.8								2	50	
	Wakayama	0	ep		24	20.6					(12.0 13.6)								3	40	
	Tokushima	0	P		24	23.8					39.2								3	50	
	Murotomisaki	0	ep		24	27.0					55.6								3	20	
	Takamatsu	0	ep		24	27.5					51.9								4	30	
	Tottori	0	ep_N		24	29.2					47.9								4	40	
	Kōchi	0	ep		24	37.5					50.4								2	00	
	Matsuyama	0	ep_N		24	42.2					1.13.5								5	20	
	Matsue	0	ep		25	26.1					12.0								2	02	
	Hiroshima	0	eS_E		25	45.1													5	30	
	Hamada	0	ep		25	53.6					10.4								2	00	
4	Nagoya	0	ep_E	09	47	00.0					14.1								2	20	
	Kameyama	0	ep		47	06.2					21.0								2	00	
	Hikone	0	P		47	15.7					16.7								1	20	
	Ibukiyama	0	ep_N		47	31.1															
4	Hiroshima	0	e	10	07	31.5														2	
4	Nagoya	0	ep	10	57	32.0					14.5								3	50	
	Kameyama	0	ep		57	39.8					20.7								2	00	
	Ibukiyama	0	ep_E		57	40.5															
	Hikone	0	P		57	43.5					13.4								2	50	
	Kyōto	0	ep		57	48.0					29.9								2	00	
	Takamatsu	0	ep		58	28.1													3	30	
	Sumoto	0	e_H		58	45.9													1	00	

Date	Station	SI	Phase	Time (J.M.T) h m s	Initial Motion N	E	Z	P~S m s	Max. Amp Amp N	E	Z	Max. Amp Period N	E	Z	P~F h m s	Remarks
					μ	μ	μ		μ	μ	μ	s	s	s		
4	Wakayama	0	ep_N	18 53 25.8				0.8	8						12	
5	Murotomisaki	0	ep	01 35 09.9				6.1							54	
5	Kyoto	0	ep	15 00 35.6				2.4							30	
5	Murotomisaki	0	ep	18 20 14.1				7.5							23	
5	Murotomisaki	0	ep	18 28 24.5				2.4							31	
5	Murotomisaki	0	ep	18 34 53.8				1.0							24	
5	Nagoya	0	ep_E	22 12 14.4				15.1							1 10	
	Hikone	0	P	12 27.5				16.2							1 10	
	Kameyama	0	ep	12 28.4				18.3							2 00	
	Ibukiyama	0	ep_E	12 39.3												
6	Nagoya	0	ep_E	13 08 17.6				15.9							5 10	
	Kameyama	0	ep	08 25.8				20.9							5 00	
	Ibukiyama	0	ep_E	08 28.4				21.5								
	Hikone	0	P	08 29.0				22.9							3 10	
	Owashi	0	ep	08 35.6				23.7							1 30	
	Kyōto	0	ep	08 36.5				27.4							3 00	
	Nara	0	ep	08 41.6				21.5							3 00	
	Ōsaka	0	ep	08 49.2				25.8							4 00	
	Sumoto	0	ep_{Hz}	09 05.6				31.6							1 30	
	Kōchi	0	ep	09 26.5				35.8							2 00	
6	Kōchi	0	ep	16 20 18.3				5 03.3							15 00	
	Takamatsu	0	ep	18.6				5 09.4							30 00	
	Sumoto	0	iP_H	23.5	-1	+2	(+)	1 55.4							16 00	
	Kōbe	0	eP_E	25.6												
	Kameyama	0	ep	30.8			+4								17 00	
	Nagoya	0	eP_E	31.6											14 00	
6	Murotomisaki	0	ep	21 41 32.4				0.6							26	
7	Wakayama	0	ep	01 00 55.2				0.8	3	6		-	-		9	
7	Uwajima	0	ep	07 19 23.4				10.4							33	
7	Wakayama	I	iP	07 40 17.1	+10	+15		4.3	40	71		-	-		1 20	和歌山県中部
	Tokushima	0	P	40 28.6				10.8							1 30	Central
	Shionomisaki	0	ep	40 32.8				5.0							1 00	Part of
	Takamatsu	0	ep	40 37.0				15.9							1 30	Wakayama
	Murotomisaki	0	ep	40 50.8				3.9							46	Pref
	Nagoya	0	eP_E	41 08.9											1 20	
7	Sumoto	0	P_{Hz}	08 40 25.1	-2	+1	(-)	5.3							50	
7	Murotomisaki	0	ep	14 31 41.5				2.2							15	
7	Murotomisaki	0	ep	16 52 13.9				1.4							37	
8	Owashi	0	ep	09 27 39.3				2.9							18	
8	Hikone	0	S	16 40 12.2											30	
8	Wakayama	I	ep	21 59 23.1				1.0	25	21		-	-		35	Local shock
9	Wakayama	0	ep	00 48 31.7				0.4	4	2		-	-		10	
9	Wakayama	0	ep_N	02 40 56.2				1.5	2			-			20	
9	Ibukiyama	0	ep_H	06 40 20.8												
9	Shionomisaki	0	iS	07 04 47.1	-6										20	
	Sumoto	0	ep_N	04 52.6				4.3							25	
	Tokushima	0	S	04 57.1											1 20	
	Owashi	0	e	04 57.2											19	
	Kameyama	0	ep	05 10.7				9.6							2 00	

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max Amp Amp N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
9	Wakayama	0	$_{e}P_{E}$	09 52 16.5				1.0							10	
9	Wakayama	0	eP	22 14 49.8				6.2							45	
10	Nagoya	0	$_{e}P_{E}$	00 54 08.1				7.0							46	
	Ibukiyama	0	$_{e}P_{E}$	54 29.5												
10	Ibukiyama	0	$_{e}P_{E}$	01 08 41.1				10.2								
	Hikone	0	P	08 41.5				10.7							2.00	
	Maizuru	0	eP	08 45.9				10.5							1.00	
	Nagoya	0	$_{e}P_{E}$	08 48.8				12.2							1.50	
	Kyōto	0	eP	08 49.0				13.7							2.00	
	Kameyama	0	eP	08 50.3	+1	(+)	(+)	14.2							1.00	
	Takamatsu	0	eP	09 17.2				25.6							4.00	
	Toyooka	0	$_{e}S_{HE}$	09 38.6												
10	Takamatsu	0	eP	02 51 09.5				7.1							2.00	広島県南東部
	Hiroshima	0	$_{e}P_{HZ}$	51 13.0				10.8							37	SE Part of
	Matsuyama	0	$_{e}P_{N}$	51 14.3				7.5							1.10	Hiroshima
	Kōchi	0	eP	51 15.2				12.4							45	Pref
	Hamada	0	P	51 34.9				3.8							20	
10	Wakayama	0	eP	03 36 24.9				0.7	2.2			-		-	7	
10	Murotomisaki	0	eP	05 48 52.9				1.5							31	
10	Murotomisaki	0	eP	10 48 24.7				3.5							25	
10	Shimizu	0	$_{e}P_{H}$	22 08 40.7				19.7							1.20	
	Matsuyama	0	$_{e}P_{N}$	08 51.7				29.0							2.20	
	Takamatsu	0	eP	09 19.2				39.5							3.00	
	Kōchi	0	eP	09 25.3												
10	Matsuyama	0	$_{e}P_{N}$	22 24 20.7												
	Kōchi	0	$_{e}P_{E}$	24 24.5				6 33.3								
	Takamatsu	0	eP	24 33.1				6 42.7							16.00	
	Tokushima	0	eP	24 34.1											3.50	
	Sumoto	0	$_{e}P_{HE}$	24 35.1											10.00	
	Nara	0	eP	24 37.4											5.30	
	Kyōto	0	eP	24 43.8				2 01.1							4.00	
	Kameyama	0	eP	24 47.2				34.7							2.00	
	Hikone	0	eP	24 49.9											4.00	
11	Hiroshima	0	$_{e}P_{HZ}$	04 10 37.4	(+)	(−)		5.1							43	呉附近
	Kōchi	0	eP	10 46.7				10.6							1.00	Near Kure
	Takamatsu	0	$_{e}P_{H}$	11 00.7											1.20	
	Matsuyama	0	$_{e}P_{N}$	11 35.9				5.5							1.00	
11	Hikone	0	P	16 12 12.4				4.4							1.00	
	Ibukiyama	0	$_{e}P_{N}$	12 14.7				4.7								
	Kyōto	0	eP	12 18.5				8.5							30	
	Nagoya	0	$_{e}P_{E}$	12 18.8				8.5							1.20	
	Maizuru	0	eP	12 21.8				10.0							40	
	Nara	0	P	12 32.7				2.7							40	
11	Kameyama	0	eP	16 21 17.3				8.2							2.00	
11	Nagoya	0	$_{e}P_{E}$	22 24 53.8				18.4							4.40	
12	Wakayama	0	eP	02 02 23.7				0.9	1.1	1.4		-	-		25	
12	Kōchi	0	eP	04 02 32.4											10	
12	Tottori	0	$_{e}P_{N}$	10 19 26.0				0.2							1	
12	Tottori	0	$_{e}P_{N}$	10 19 58.7				0.2							3	

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Max Amp. Amp N E Z	Max Amp. Period N E Z	P~F h m s	Remarks
12	Shionomisaki	0	eP	10 40 39.8		4.0	~ ~ ~	S S S	25	
	Owashi	0	eP	40 50.9		9.0			34	
	Sumoto	0	eP_N	40 58.3		11.0			50	
12	Nagoya	0	eP_N	11 33 11.3		28.1			1.30	
12	Tokushima	0	P	21 00 29.4					10	
13	Tottori	0	eP_N	02 31 41.4		22			7	
13	Murotomisaki	0	eP	13 02.52.0		1.1			26	
14	Wakayama	0	eP	00 04 29.5		0.3	7 5	- -	15	
	Sumoto	0	eP_H	04 30.6		6.0			25	
14	Murotomisaki	0	eP	11 56 52.2		0.7			23	
14	Murotomisaki	0	eP	13 09 04.8		1.5			15	
14	Murotomisaki	0	eP	14 15 56.9		6.6			43	
15	Wakayama	0	eP	14 04 29.9		1.2	11 14	- -	40	
15	Sumoto	0	eP_{HZ}	16 03 37.4	-1 (+) (+)	4.1	15	0.3	1.10	
	Tokushima	0	P	03 36.6		6.1			1.40	
	Takamatsu	0	eP	03 45.8		11.4			2.00	
	Nara	0	eP	03 47.2		10.1			1.00	
	Kameyama	0	eP	03 54.7		15.9			1.00	
	Matsuyama	0	eP_N	04 01.4					2.50	
	Murotomisaki	0	eP	04 04.6		4.2			29	
15	Wakayama	0	eP	21 23 36.0		1.0	4 2	- -	10	
15	Kōchi	0	eP	21 24 58.0		2.0			15	
16	Shimizu	0	eP_E	02 52 13.2		9.8			47	
16	Nagoya	0	eP_E	02 55 25.4					3.10	
16	Murotomisaki	0	e	07 51 56.0					21	
16	Shimizu	0	e_H	12 48 16.9						
	Takamatsu	0	eP	48 25.4		1.08.0			4.00	
17	Shionomisaki	0	eP	04 52 19.5	-7 +14	6.6			50	
	Owashi	0	eP	52 25.6		11.1			49	
	Sumoto	0	eP_N	52 27.6		8.1			40	
	Murotomisaki	0	eP	52 28.4		12.5			53	
	Wakayama	0	eP_N	52 29.4		2.5	3	-	20	
	Takamatsu	0	eP	52 31.2		15.3			2.00	
17	Tottori	0	eD_N	16 10 43.5		1.1			6	
17	Kameyama	0	eP	21 17 12.7		1.01.0			11.00	
	Nagoya	0	eP_N	17 34.9		1.13.5			6.00	
	Kyōto	0	eP	17 43.4		1.08.4			3.00	
	Hikone	0	eP	17 44.5		1.09.7			4.30	
	Kōchi	0	P_Z	17 45.8	(+)	1.08.6				
	Takamatsu	0	eP	17 47.4		1.11.1			6.00	
	Sumoto	0	i_H	18 50.0					5.00	
	Hiroshima	0	e_{HZ}	19 18.1					1.30	
17	Kyōto	0	eP	22 53 32.5					30	
18	Nagoya	0	eP_E	06 16 45.9		4.1			37	
18	Kyōto	0	eP	09 50 03.8		3.3			1.00	
	Nara	0	P	50 10.2		4.9			40	
	Kameyama	0	eP	50 16.2		9.7			2.00	
	Sumoto	0	i_H	50 24.5					30	
19	Tottori	0	eP_N	04 50 29.4		0.9			3	

Date	Station	S.I	Ph	Time (J.M.T) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max Amp. Amp N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
19	Wakayama	0	eP_N	09 15 02.4				0.8							:30	
19	Sumoto	0	eP_H	09 25 02.6				6.0							:30	
19	Nagoya	0	eP_E	09 54 48.3											1:50	
20	Kameyama	0	eP	00 23 44.6			+3	9.1							28:00	
20	Kobe	0	e_N	13 44 44.3												
20	Nagoya	0	eP_E	15 54 23.1											:26	
21	Takamatsu	0	eP	00 23 37.7				5.57.2							22:00	
	Kyoto	0	eP	23 46.0				6.07.6							12:00	
	Hikone	0	P	23 46.8				6.10.6							12:00	
	Sumoto	0	e_H	27 51.8											5:00	
	Nara	0	e	29 50.2											2:30	
	Osaka	0	e	30 03.3											2:00	
21	Owashi	0	eP	01 45 21.2				27							:18	
21	Kameyama	0	e	10 29 51.3											10:00	
21	Joyooka	0	eP_{HE}	12 34 10.2												
21	Joyooka	0	P	19 26 34.3												京都附近
	Kyōto	I	eP	26 34.4				2.7							1:00	near Kyōto
	Maizuru	0	eP	26 39.0				5.9							:40	
	Hikone	0	P	26 43.2											1:00	
	Osaka	0	eP	26 44.6											1:30	
	Kameyama	0	eP_E	26 47.1				9.9							1:00	
21	Wakayama	0	eP	22 23 19.7				07	5	7	-	-			:15	
22	Kōchi	0	eP	04 32 23.7				09							:10	
22	Takamatsu	0	eP	09 45 52.6				16.0							2:30	
	Kōchi	0	eP	46 25.7				16.3							1:30	
	Shimizu	0	iP_{HE}	46 32.8	-2	-4	+3	6.0							1:30	
	Murotomisaki	0	eP	46 37.8				9.2							1:30	
	Matsuyama	0	eP_E	46 41.3				13.5							2:20	
	Sukumo	0	eP	46 57.0				6.0							:41	
	Sumoto	0	eP_N	47 01.9				21.0							1:00	
	Hiroshima	0	e_{HE}	47 11.4											:42	
	Kameyama	0	e	48 07.7											4:00	
22	Takamatsu	0	eP	12 45 19.9				7.3							2:00	
	Kameyama	0	eS	45 37.7												
22	Takamatsu	0	eP	13 49 08.4			-	1.59.7							10:00	
22	Murotomisaki	0	eP	13 55 25.3				3.6							:17	
22	Wakayama	0	eP	23 48 19.7				0.5	4	5	-	-			:10	
23	Wakayama	0	eP	00 08 19.3				0.5	5	24	-	-			:20	Local clock
23	Matsue	0	eP	02 38 09.5				4.6							:25	
23	Murotomisaki	0	eP_N	12 30 05.8				6.16.1							16.00	
23	Nagoya	0	eP_E	12 33 57.1				1.50.1							12:00	
	Sumoto	0	eP_{HE}	34 01.6				2.01.0							14:00	
	Hikone	0	P	34 02.4	(-)	(-)		2.12.8							16:00	
	Obukiyama	0	eP_E	34 04.2												釧路沖
	Kameyama	0	eP_E	34 04.4				1.44.5							22:00	SE coast of
	Kyōto	0	eP	34 08.7				1.07.5							10:00	Hoki Kaido
	Nara	0	e	34 12.5											14:00	$\varphi = 42.2N$
	Ōsaka	0	eP	34 15.2											11:00	$\lambda = 145.0E$
	Kōbe	0	eP_N	34 16.3				1.56.2							26:00	$D = 40Km$

Date	Station	S.I	P.h	Time (J.M.T) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max. Amp. Amp N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
	Tottori	0	P_N	34 17.2	(+)	(−)									6 10	
	Yonago	0	eP	34 23.1				2 10.3							21 00	
	Takamatsu	0	iP	34 26.3	-2	-2		2 22.1							16 00	
	Tokushima	0	eP	34 34.0											8 00	
	Kōchi	0	eP_E	34 37.1				2 46.9							23 00	
	Hiroshima	0	eP_{HB}	34 39.0				2 29.0							18 00	
	Hamada	0	P_H	34 40.4	-2		(+)	2 18.4							29 00	
	Matsuyama	0	eP_N	34 40.8				3 10.0							17 50	
	Shionomisaki	0	e	35 43.3											12 00	
	Shimizu	0	eL	39 33.9												
23	Owashi	0	eP	14 24 48.5				48							52	
23	Kōchi	0	eP_E	17 56 59.7											20	
23	Tokushima	C	iP	19 25 53.1				49							2 00	
	Takamatsu	0	eP	25 56.3				8.0							1 30	
	Kōchi	0	eP	25 56.8				8.5							45	
	Sumoto	0	iP_{HZ}	25 59.6	-1	-1	-1	10.5							1 10	
	Shionomisaki	C	S	26 24.8											35	
	Owashi	0	eP	28 15.6				22.5							1 20	
24	Kōchi	C	eP	02 35 36.4				09							5	
24	Wakayama	0	eP	17 27 52.0				2.3	6	11		-	-		30	
24	Tokushima	C	iP	17 30 35.9				5.5							1 30	
25	Wakayama	0	eP	00 54 01.3				6.0	3	4		-	-		25	
25	Nagoya	0	eP_E	02 26 40.5				52.0							4 50	鹿島灘
	Hikone	0	eP	26 47.8				49.8							3 00	E coast of
	Ibukiyama	0	eP_E	26 49.8												Ibaragi
	Kyōto	0	eP	26 57.2				1 07.8							3 00	Pref
	Kameyama	0	eP	26 58.2				43.0							4 00	$\varphi = 36.5N$
	Nara	0	P	27 36.1											2 00	$\lambda = 141.2E$
	Takamatsu	0	e_H	28 03.5											6 00	$D = 40Km$
	Ōsaka	0	eP	28 11.6				21.4							2 10	
25	Kameyama	0	e	04 01 48.2											2 00	
	Nagoya	0	eP_E	01 50.1											1 50	
	Hikone	0	S	01 50.1											2 00	
	Ibukiyama	0	eP_N	01 54.2												
	Kōchi	0	eP	02 05.8												
25	Wakayama	C	eP	05 28 33.2				1.1	6	9		-	-		20	
26	Wakayama	I	eP	03 48 14.8				07	21	7		-	-		30	和歌山附近
	Sumoto	0	eP_N	48 17.0				6.3							20	near Wakayama
26	Matsue	0	eP	20 38 52.2				1 00.3							12 10	
	Nagoya	0	eP_E	38 20.8				42.7	132	192	60	2.7	2.1	3.0	13 00	犬吠崎沖
	Kameyama	0	iP	39 26.7	-3	+3		46.5	57	83		2.1	2.7		15 00	E coast of
	Hikone	0	P	39 26.8	(+)	(−)		55.2	99	137		1.9	4.5		10 00	Chiba Pref
	Ibukiyama	0	eP_E	39 27.0				43.3								$\varphi = 35.7N$
	Owashi	0	eP	39 33.7				57.8							6 00	$\lambda = 141.0E$
	Kyōto	0	eP	39 34.4				1 00.4							7 00	$D = 40Km$
	Ōsaka	0	eP	39 36.6				48.3	200	141	65	5.1	4.1	3.1	10 00	
	Nara	0	P_E	39 37.8				1 00.7							40 00	
	Maizuru	0	eP	39 39.6				1 04.5							3 50	
	Kōbe	0	eP_N	39 40.5				1 03.8							10 00	

Date	Station	S.I	Ph	Time (J.M.T)	Initial M	P~S	MAX. AMP.		P~F	Remarks
							Amp	Period		
				h m s	N E Z	m s	N E Z	N E Z	h m s	
					μ μ μ		μ μ μ	s s s		
	Shionomisaki	0	eP	39 41.5		1 12.4			7 00	
	Toyooka	0	eP_{HZ}	39 42.4		1 02.5			8 00	
	Yonago	0	eP	39 43.7		1 45.2			8 30	
	Sumoto	0	eP_H	39 45.9		1 17.9			8 00	
	Tokushima	0	P	39 50.4		1 25.8			5 40	
	Takamatsu	0	eP	39 53.1		1 09.2			9 00	
	Himeji	0	eP_H	39 54.1		1 02.3			5 20	
	Kōchi	0	eP_E	40 03.4		1 23.8			5 00	
	Hiroshima	0	eP_{HZ}	40 10.9		1 32.3			9 10	
	Tottori	0	eP_N	40 11.0		1 27.7			4 40	
	Murotomisaki	0	eP	40 18.7		1 19.1			5 50	
	Matuyama	0	eP_N	40 21.8		1 32.5			9 10	
	Hamada	0	eP_H	40 33.0		1 16.3			11 00	
	Shimizu	0	e_H	42 05.6						
27	Wakayama	I	eP	07 59 49.5		0.9	89 37	- -	50	local shock
27	Wakayama	0	e	20 41 14.5					3 00	
28	Murotomisaki	0	eP	08 29 40.6		2.8			34	
28	Murotomisaki	0	eP	18 21 55.0		1.1			15	
29	Wakayama	0	eP	00 58 38.7		1.1	5 2	- -	10	
29	Nagoya	0	eP_E	02 08 00.9					24	
29	Wakayama	0	eP_E	08 45 29.1		0.6	7	-	7	
29	Kanayama	0	eP	13 39 57.7		3.4				
30	Toyooka	0	eP_{EZ}	08 55 30.7		3.3			1 30	
	Tottori	0	eP_N	55 32.4		1.4			52	
30	Murotomisaki	0	eP	11 52 48.9		1.3			7	
30	Kyoto	0	eP	16 11 23.5		3.2			30	
30	Nagoya	0	eP_E	16 41 31.5					1 30	
30	Wakayama	0	eP	21 05 20.8		0.5	5 4	- -	10	

International Seismological Centre

地震観測表 (地震計なき官署の分) Report of Earthquakes (No Seismometer)

31年4月 April

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanese			h	m
1	Tadotsu	多度津	Kagawa	I	14	04
7	Tadono	田 殿	Wakayama	I	07	40
7	Tadono	田 殿	〃	I	08	18
9	Shirahama	白 浜	〃	I	07	05
10	Kannabe	神 辺	Hiroshima	I	02	48
	Matonaga	松 永	〃	II		51
	Fuchū	府 中	〃	II		52
11	Kure	呉	〃	I	04	10
	Kakei	加 計	〃	I		11
	Takehara	竹 原	〃	I		12
15	Awajinada	淡路灘	Hyōgo	I	04	03
15	Tadono	田 殿	Wakayama	I	16	03
17	Shirahama	白 浜	〃	I	04	51
17	Ayabe	綾 部	Kyōto	II	22	53
21	Sonobe	園 部	〃	II	19	20
	Tōgō	東 郷	Ōsaka	II		25
	Tennō	天 王	〃	II		26
23	Kawanishi	川 西	Tokushima	II	19	26
24	Tadono	田 殿	Wakayama	I	17	28
27	Ouda	大宇陀	Nara	I	09	45

4月地震回数表 Number of Earthquakes (April 1956)

Station \ S.I	0	I	II	III	IV	total
Kinki Area (近畿地方)						
Osaka	10	—	—	—	—	10
Kyōto	18	1	—	—	—	19
Hikone	18	—	—	—	—	18
Wakayama	26	7	—	—	—	33
Shionomisaki	9	—	—	—	—	9
Nara	12	—	—	—	—	12
Sumoto	26	—	—	—	—	26
Toyooka	8	—	—	—	—	8
Himeji	1	—	—	—	—	1
Ibukiyama	14	—	—	—	—	14
Kōbe	6	—	—	—	—	6
Maizuru	5	—	—	—	—	5
Chūgoku Area (中国地方)						
Hiroshima	10	—	—	—	—	10
Matsue	3	—	—	—	—	3
Okuyama	1	—	—	—	—	1
Tottori	10	—	—	—	—	10
Hamada	6	—	—	—	—	6
Yonago	3	—	—	—	—	3
Saigō	—	—	—	—	—	0
Shikoku Area (四国地方)						
Takamatsu	25	—	—	—	—	25
Matsuyama	11	—	—	—	—	11
Tokushima	13	—	—	—	—	13
Kōchi	21	—	—	—	—	21
Shimizu	7	—	—	—	—	7
Uwajima	1	—	—	—	—	1
Sukumo	1	—	—	—	—	1
Muroto misaki	28	—	—	—	—	28

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International Seismological Centre

大阪管区

地震月報

昭和31年5月

The Monthly Report of Earthquakes

May **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,

SEISMOLOGICAL OBSERVATORY,

大阪管区気象台

The Osaka
District Meteorological Observatory
Japah

昭和３１年　５月

地震観測表

May 1956

Seismometrical Report

Date	Station	SI.	Pha	Time (J.M.T) h	m	S	Initial M N	E	Z	P～S m	S	Max. Amp Amp/p N	E	Z	Period N	E	Z	P～F h	m	S	Remarks
1	Ibukiyama	0	ePE	02	53	42.5					5.9				s	s	s				滋賀南西部
	Kyōto	II	eP		53	51.2					3.0	24	89		—	—			1	00	S.K.I. part of
	Hikone	0	P		53	54.1					5.4								1	30	Shiga pref
	Maizuru	0	iP		53	54.6					5.2									48	
	Kameyama	0	eP		53	58.3					9.2								1	00	
	Toyooka	0	ePH		54	00.0					11.2										
	Ōsaka	0	eP		54	00.1					6.6								2	00	
	Nagoya	0	ePE		54	02.9													1	20	
	Wakayama	0	eP		54	06.0					13.0								1	50	
	Owashi	0	eP		54	07.1					14.6								1	00	
	Takamatsu	0	eP		54	19.3					19.6								2	00	
1	Murotomisaki	0	eP	08	44	43.0					4.9									25	
1	Takamatsu	0	eH	11	50	51.1				1	29.0										
	Kameyama	0	eP		51	04.9	(−)		+2										10	00	
	Nagoya	0	ePN		51	08.0													3	30	
2	Kamada	0	iN	00	08	31.9															
2	Wakayama	0	ePE	02	22	34.6					0.9	3			—					8	
2	Wakayama	I	eP	08	38	27.0					5.8	70	37		—	—			1	20	和可山県東部
	Owashi	0	eP		38	28.4					7.6								1	10	f part of
	Sumoto	0	iPHZ		38	30.5	(土)		+4		9.0								1	00	Wakayama
	Nara	0	eP		38	32.4					9.4								1	30	Pref
	Kyōto	0	eP		38	36.9					13.4								1	00	
	Kameyama	0	eP		38	40.2					13.9								1	00	
	Takamatsu	0	eP		38	42.0					13.2								1	30	
	Ibukiyama	0	ePN		38	51.4															
	Nagaya	0	ePE		38	57.8					13.3								1	00	
	Hikone	0	S		38	59.6													1	00	
2	Owashi	0	e	15	36	06.0													3	00	
	Kameyama	0	eP		36	12.0				1	27.8								6	00	
	Ibukiyama	0	ePE		36	13.3				1	27.7										
	Nara	0	iP		36	14.7				1	24.3								4	30	
	Nagoya	0	ePE		36	15.8				1	28.1								5	10	
	Kyōto	0	eP		36	16.0				1	31.7								4	00	
	Hikone	0	P		36	16.7				1	35.4								4	00	
	Takamatsu	0	eP		36	17.9				1	38.0								5	00	
	Matsuyama	0	ePE		36	22.5													9	10	
3	Tottori	0	ePN	03	40	41.0														11	
4	Kyoto	0	eP	00	57	17.3					2.2									30	
4	Nagoya	0	ePN	04	24	35.4					2.3									45	
4	Takamatsu	0	eH	15	32	23.9					5.0									50	
4	Kyōto	0	eS	21	11	53.1															
4	Shionomisaki	I	P	22	05	42.7	-7	+12	+18		2.9	68	38		0.6	0.6			2	00	和可山県南部
	Owashi	I	eP		05	51.3					9.4	21	20	10	0.4	0.3	0.4		2	00	S part of

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
4	Wakayama	I	iP		05	52.0	+1	+2			9.4	59	45		-	-	-		2	00	Wakayama
	Sumoto	0	ePH		05	56.8					11.5								1	20	Pref
	Takashima	0	P		05	58.8					11.9								2	40	
4	Ōsaka	0	eP	22	06	01.0					12.5								2	00	
	Murotomisaki	0	eP		06	01.2					14.5								1	30	
	Nara	0	eP		06	01.7					12.6								2	00	
	Takamatsu	0	eP		06	04.8					19.4								3	00	
	Kyōto	0	eP		06	06.8					17.2								2	00	
	Kōchi	0	eP		06	08.6					16.7								2	00	
	Kameyama	0	eP		06	08.6					16.5								4	00	
	Kōbe	0	P		06	13.8															
	Hikone	0	eP		06	16.4					18.6								2	20	
	Matsuyama	0	ePN		06	28.8					29.0								2	00	
	Nagaya	0	ePE		06	29.9					12.4								3	50	
	Ibukiyama	0	ePN		06	33.8															
5	Hikone	0	P	03	50	32.3													3	30	
5	Nagoya	0	ePN	11	41	46.9					4.6								1	10	
5	Hiroshima	0	ePNE	12	59	24.1					4.7									18	
5	Shionomisaki	0	S	16	16	22.3														14	
7	Wakayama	I	iP	01	17	34.3	-0.5	-1			1.0	54	21		-	-				20	和歌山附近
	Sumoto	0	ePH		17	39.5					2.8									20	Near Wakayama
7	Nagaya	0	ePE	02	37	40.3													1	40	
8	Kameyama	0	e	03	44	24.1													13	00	
8	Matsuyama	0	ePE	04	02	33.0					7.0									48	
	Hiroshima	0	eHZ		02	47.9														18	
8	Kameyama	0	e	12	12	42.3													8	00	
9	Wakayama	II	eP	00	05	05.9					4.9	100	100		-	-				45	和歌山県北部
	Tokushima	0	eP		05	07.2					10.7								2	20	N Part of
	Shionomisaki	0	P		05	07.5					8.4									35	Wakayama
	Sumoto	0	PH		05	08.7					7.5								1	00	Pref
	Owashi	0	eP		05	11.8	-52	(-)	-48		9.2								1	00	
	Ōsaka	0	eP		05	14.2					9.0								2	50	
	Takamatsu	0	eP		05	19.9					14.2								2	00	
	Kameyama	0	eP		05	20.1					21.1								4	00	
	Kyōto	0	e		05	20.6													2	00	
	Murotomisaki	0	eP		05	22.6					10.6								1	00	
	Nara	0	eP		05	23.3					4.0								2	00	
	Kōbe	0	eSN		05	25.6															
	Kōchi	0	eP		05	26.8					16.6									55	
	Hikone	0	eP		05	31.5					17.6								2	30	
	Nagaya	0	ePE		05	37.9					18.6								3	40	
	Matsuyama	0	ePE		05	39.1													1	50	
	Toyooka	0	eSHZ		05	48.9															
	Ibukiyama	0	ePN		05	50.1	(+)				7.7										
9	Shionomisaki	0	e	05	42	59.0													1	40	
9	Wakayama	I	eP	07	39	19.1					1.0	25	47		-	-				35	Local shock
9	Kōbe	0	eN	13	53	13.2															
	Ōsaka	0	eP		53	23.0					38.0								3	00	

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	S	S	S				
10	Shionomisaki	0	So	6	46	49.2														17	
11	Shionomisaki	0	eP	05	14	33.3					2.9									25	
11	Wakayama	I	ePN	08	56	38.7					0.9	8			–					20	Local shock
11	Wakayama	0	ePN	11	40	58.0					1.2										
11	Wakayo-ma	0	ePE	18	30	36.9					1.6		7			–				20	
11	Nagoya	0	ePE	21	20	54.7					12.7								1	20	
	Ibukiyama	0	ePN		21	20.8															
	Hikone	0	S		21	21.2														20	
12	Maizuru	0	iP	01	05	50.1					4.4									44	
	Toyooka	0	iSH		06	01.6															
	Kameyama	0	eP		06	08.7					15.2								2	00	
	Hikone	0	S		06	09.5														40	
	Sumoto	0	ePH		06	25.5					4.9									20	
	Nagoya	0	ePe		06	26.9														43	
	Takamatsu	0	eH		06	42.1													2	00	
12	Nagoya	0	ePN	06	51	45.7					6.4								2	20	
	Kameyama	0	eP		51	46.1					7.6								2	00	
	Ibukiyama	0	ePN		51	51.7															
	Hikone	0	P		51	54.8					12.0								1	00	
	Osaka	0	e		52	19.1													1	30	
12	Nagoya	0	ePE	11	35	20.9													3	50	
	Kameyama	0	e		35	24.1													7	00	
12	Owashi	0	eP	18	45	28.2					32.8								3	10	
	Nagoya	0	PE		45	29.2					33.6								6	40	
	Kameyama	0	eP		45	30.1	(+)	(+)	+7		34.7								8	00	
	Shionomisaki	0	iPE		45	30.4		-2			36.2	34	18		2.8	2.4			4	00	
	Ibukiyama	0	ePE		45	32.7															
	Hikone	0	P		45	34.5	-8	+8			39.1								5	00	
	Kyōto	0	iP		45	36.1	-1	+2			42.9								4	00	
	Ōsaka	0	eP		45	36.3					40.0								5	20	
	Nara	0	iP		45	36.9					35.5								5	30	
	Kōbe	0	ePE		45	37.2					44.2								8	00	
	Sumoto	0	PHZ		45	39.6					44.2								6	00	
	Tokushima	0	P		45	45.0					43.2								4	00	
	Toyooka	0	ePHZ		45	46.4					11.6								5	00	
	Takamatsu	0	iPE		45	48.3					49.1								5	00	
	Kōchi	0	eP		45	53.4					45.9								2	00	
	Shimizu	0	ePH		45	59.1					58.1								2	10	
	Matsuyama	0	ePN		46	00.7					59.0								5	10	
	Hiroshima	0	ePHZ		46	05.7				1	02.6								2	30	
	Hamada	0	e		47	11.7															
13	Wakayama	I	eP	03	28	53.6					0.8	18	20		–	–				20	Local shock
13	Murotomisaki	0	eP	11	47	54.0					5.8									24	
13	Murotomisaki	0	eP	13	52	55.0					1.3									12	
13	Wakayama	0	ePN	16	05	32.1					1.0	5			–					8	
13	Kameyama	0	eP	18	18	35.8					1.6								1	00	
13	Shimizu	0	ePH	19	36	27.5					16.7								1	30	
14	Wakayama	0	eP	02	11	40.2					4.5	4	3		–	–				50	

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
14	Sumato	0	ePH		11	49.6	μ	μ	μ		6.1	μ	μ	μ	S	S	S			30	
	Shionomisaki	0	S		11	56.9														16	
	Takamatsu	0	eH		12	05.5													1	00	
	Kameyama	0	e		12	21.6													1	00	
14	Wakayama	I	eP	03	05	51.1					1.2	14	25		-	-				45	Local shock
14	Wakayama	I	eP	03	14	29.8					1.3	15	29		-	-				50	Local shock
14	Muratomisaki	0	eP	08	25	31.9	(+)	(+)	(+)		2.1									24	
14	Sumato	0	ePN	11	28	00.8					3.1									15	
14	Muratomisaki	0	e	13	04	07.7														14	
15	Nagoya	0	e	05	27	28.0													4	00	
15	Nagoya	0	ePE	08	41	31.2													2	20	
15	Wakayama	0	eP	20	59	28.4					0.8	12	18		-	-				15	
16	Nagoya	0	ePE	00	47	53.4													3	20	
	Kyoto	0	eP		48	02.1					44.9								3	00	
	Hikone	0	eP		48	06.1													3	00	
	Kameyama	0	eP		48	07.9					36.6								6	00	
	Ibukiyama	0	ePN		48	13.1															
	Nara	0	eP		49	01.7													2	00	
	Ōsaka	0	e		49	10.0													2	00	
16	Wakayama	I	eP	06	08	02.8					1.8	22	14		-	-				40	和可山附近
	Sumoto	0	ePH		09	05.0					7.1									20	near Wakayama
16	Nagoya	0	ePE	18	44	30.0															
16	Wakayama	II	iP	21	54	20.0	+4	-1	+24		1.5	260	140	88	-	-	-		1	40	Local shock
17	Nagoya	0	ePE	05	13	36.5					51.1								5	40	
	Kameyama	0	ePN		13	41.3					55.1								7	00	
	Hikone	0	eP		13	44.8					51.4								3	30	
	Nara	0	eP		13	53.4													3	30	
	Ōsaka	0	eP		14	03.6					52.0								4	00	
17	Nagoya	0	ePE	10	01	52.3													2	20	
	Kameyama	0	ePN		02	09.2					51.7								7	00	
17	Ōsaka	0	e	10	13	21.6													2	30	
17	Murotomisaki	0	eP	10	20	44.4					0.7									14	
17	Toyooka	0	ePHZ	20	44	07.6				1	14.4										
17	Sumoto	0	iPHZ	21	54	24.5	(±)	+1	-1		9.6								1	20	
	Takamatsu	0	eP		54	37.2					10.8								1	40	
	Kyōto	0	eP		54	48.8					4.2								1	00	
18	Nagoya	0	ePE	08	01	18.4													6	00	
	Ibukiyama	0	ePE		01	20.3															
	Hikone	0	P		01	24.6					50.0								5	00	
	Kameyama	0	ePN		01	27.0					50.6								8	00	
	Owashi	0	e		01	38.6													2	40	
	Sumoto	0	ePH		01	53.4				1	07.9								5	00	
	Ōsaka	0	eP		01	55.1					57.1								7	00	
	Nara	0	eP		01	55.8					42.6								3	30	
	Takamatsu	0	eP		01	56.7				1	31.8								4	00	
	Shionomisaki	0	e		01	58.8													5	00	
18	Nagoya	0	ePE	20	03	33.9													2	40	
18	Wakayama	I	eP	21	14	24.0					0.8	27	16		-	-				20	和可山附近

Date	Station	SI	PR	Time (J.M.T) h	m	s	Initial M N	E	Z	p~s m	s	Max. Amp Amp N	E	Z	Period N	E	Z	p~F h	m	s	Remarks
	Sumoto	0	ePH		14	29.3	μ	μ	μ		2.4	μ	μ	μ	s	s	s			20	near Wakayama
18	Wakayama	I	eP	23	44	51.6					0.8	44	90		–	–				25	和歌山附近
	Sumoto	0	PH		44	52.7					3.2									25	near Wakayama
19	Takamatsu	0	eH	10	39	14.3													5	00	
19	Nagoya	C	ePN	10	58	23.4													1	50	
19	Tokushima	0	P	14	36	06.5					13									55	
20	Nagoya	C	eP	00	09	13.9					24.9								3	00	
	Ikukiyama	0	ePE			19.4															
	Hikone	C	eP			21.5													2	10	
	Kameyama	0	ePN			25.2													5	00	
20	Nagoya	C	ePE	00	22	23.4					25.1								1	20	
20	Murotomisaki	0	eP	15	41	29.0					1.2									10	
20	Murotomisaki	0	eP	17	02	45.0					1.4									13	
20	Wakayama	C	eP	19	40	43.5					1.3	2	5		–	–				7	
21	Hamada	II	Pz	06	25	43.7															浜田附近
	Hiroshima	0	ePz		25	50.0					7.5								7	10	near Hamada
	Matsue	0	P		25	59.8					10.0								1	20	
	Yonago	0	eP		25	59.9					14.8										
	Matsuyama	0	ePN		26	02.1					14.5								2	20	
	Takamatsu	0	eP		26	08.9					21.7								2	00	
	Kōchi	0	eP		26	14.0					19.2								1	20	
	Shimizu	0	ePE		26	20.7					29.2								2	40	
	Sumoto	0	ePHZ		26	23.3					29.4								1	30	
	Murotomisaki	C	eP		26	24.2					28.2								1	50	
	Ōsaka	C	eP		26	30.0					29.2								3	00	
	Hikone	0	P		26	43.4					46.1								3	00	
	Kameyama	0	ePE		26	47.7					39.3								3	00	
	Nara	C	iPe		27	16.1													2	00	
	Owashi	0	ePE		27	29.2														40	
	Nagoya	0	ePE		27	31.2													2	50	
	Ikukiyama	0	ePH		27	31.3															
21	Sumoto	0	ePH	18	11	42.4					2.1									10	
21	Sumoto	0	ePH	20	45	01.5					8.5									30	
22	Wakayama	0	eP	02	40	51.8					1.2	6	10		–	–				12	
22	Owashi	I	eP	13	33	39.1	-6				4.0	16	8	8	–	–	–			49	
22	Kameyama	0	ePE	19	25	55.9					29.6								7	00	
	Ikukiyama	0	ePE		26	00.5					29.0										
	Hikone	0	eP		26	05.2					31.6								4	00	
	Kyoto	0	eP		26	07.2					40.3								7	00	
	Sumoto	0	eN		26	09.4													3	40	
	Nara	0	eP		26	15.1													5	00	
	Ōsaka	0	eP		26	21.4													3	30	
	Takamatsu	0	eH		27	00.4													2	20	
	Toyooka	0	P		27	09.8															
22	Nagoya	0	ePE	20	25	46.5					17.1								6	30	
22	Owashi	0	e	22	43	12.5													1	40	
	Sumoto	0	eE		43	14.0													14	00	
	Kameyama	0	eP		43	17.3													20	00	

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	Nara	0	eP		43	18.1	"	"	"			"	"	"	s	s	s		5	00	
	Kōchi	0	iPH		43	18.2	(-)	(+)	-4	4	29.8								17	00	
	Kyōto	0	eP		43	18.7													7	00	
	Takamatsu	0	eP		43	21.3				8	21.7								23	00	
	Ibukiyama	0	eSE		43	21.6															
	Hikone	0	P		43	22.0				8	00.0								20	00	
	Nagaya	0	ePE		43	22.1													6	00	
	Matsuyama	0	ePN		43	22.3															
	Ōsaka	0	eP		43	24.4													6	00	
	Hiroshima	0	ePH		43	25.5	+5	+2	+2	1	30.6								4	30	
	Toyooka	0	eHZ		43	26.7															
	Hamada	0	ePz		43	31.0				1	30.3										
22	Kyōto	0	eP	23	48	35.2					4.1								1	00	舞鶴附近
	Kameyama	0	eP		48	44.2					10.9								2	00	near Maizuru
	Hikone	0	S		48	44.5													1	00	
	Maizuru	II	iP		48	48.6					3.6	7	17		-	-				39	
23	Hamada	0	ePz	00	28	25.1															
	Hiroshima	0	eHZ		28	38.0														17	
	Matsuyama	0	ePE		28	47.9					10.0									56	
23	Murotomisaki	0	eP	07	09	23.8					1.0									5	
24	Shionomisaki	0	iPN	05	58	30.2	-55	-26		8	10.8	49	45		5.9	6.3			41	00	フィー諸島
	Ibukiyama	0	ePE		58	32.0	+10	-12											15	00	Fiji Is
	Nagoya	0	iPE		58	33.3	+10	-10		8	14.3								26	00	φ = 16.0S
	Tokushima	0	iP		58	35.0				8	31.3								30	00	λ = 178.0E
	Nara	0	iP		58	35.4				8	16.3								34	00	D = 300 Km
	Hikone	0	iP		58	36.4	+18	-14	+30	8	20.7								1	00	00
	Ōsaka	0	iP		58	36.5	+12	-11	+40	8	20.1	73	90	53	4.7	3.9	3.4		24	00	
	Kyōto	0	eP		58	36.5				8	17.1								47	00	
	Sumoto	0	iPH		58	36.7	-1	(-)		8	28.5	25	29		6.8	8.0			33	40	
	Murotomisaki	0	iPHZ		58	36.8	-3	-7	+31	8	20.0								35	00	
	Kōbe	0	ePE		58	37.9				8	36.0								1	13	00
	Shimizu	0	iPH		58	39.3	+4	-8		8	16.9								25	20	
	Kōchi	0	iP		58	39.6	+6	-8	+20	8	17.4			8.9			7.2		1	01	00
	Takamatsu	0	iP		58	40.2	+8	-12		8	20.0								47	00	
	Himeji	0	iPN		58	41.3				8	20.4								24	20	
	Wakayama	0	eP		58	41.6				8	18.4								37	00	
	Uwajima	0	P		58	41.6				8	21.7								17	50	
	Owashi	0	eP		58	41.8	+5.3	-8.3	+25.4	9	23.0	16	18	26	8.8	4.2	8.0		31	00	
	Sukuma	0	eP		58	42.0				8	13.5	66			3.5				24	20	
	Tottori	0	PN		58	43.6	(+)	(-)		8	29.8								57	00	
	Matsuyama	0	iPz		58	44.7				8	28.0										
	Hiroshima	0	ePHZ		58	47.1	+6	-7	+30	8	25.9								41	00	
	Yonago	0	i		58	48.6															
	Saiyo	0	P		58	51.6				8	29.3								24	00	
	Toyooka	0	ePHZ		58	51.9		-2	+20												
	Hamada	0	PH		58	53.7	+5	-7	+16	8	27.3								1	05	00
	Matsue	0	P		58	54.6				8	27.3									24	00
	Kameyama	0	iP		59	33.5	+14	-15	+48	8	15.8										

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
24	Nagoya	0	ePE	12	09	05.7													1	40	
24	Takamatsu	0	iPE	17	14	56.8				1	52.3								11	00	
25	Hamada	0	ePH	01	27	24.5					2.2									24	
25	Hiroshima	0	eHZ	09	58	18.3														6	
25	Owashi	0	e	11	52	37.4														32	
25	Murotomisaki	0	eP	17	33	02.8					4.1									24	
26	Nagoya	0	ePE	17	38	19.3													5	20	
26	Kōbe	0	eN	17	46	50.0															
26	Nagoya	0	ePE	20	49	37.6													5	50	
	Hikone	0	P		49	48.5					50.4								3	30	
	Kameyama	0	eP		49	48.8					44.8								6	00	
	Ibukiyama	0	ePN		50	01.1															
	Kyōto	0	e		50	19.6													4	00	
	Ōsaka	0	e		51	03.5													2	20	
27	Shionomisaki	0	eP	05	31	28.5				8	10.3								16	00	
	Kameyama	0	eP		31	31.7	(+)	(−)	(−)	8	15.0								22	00	
	Nagoya	0	ePE		31	34.4													6	50	
	Hikone	0	P		31	34.7				8	17.3								20	00	
	Kōchi	0	eP		31	35.8				8	16.5										
	Sumoto	0	ePH		31	36.1				8	16.0								16	00	
	Kyōto	0	eP		31	36.1				8	16.2								24	00	
	Shimizu	0	ePH		31	36.5				8	15.3								13	20	
	Tokushima	0	e		31	37.1													3	50	
	Kōbe	0	ePH		31	37.4				8	15.0								36	10	
	Ibukiyama	0	ePN		31	37.6															
	Takamatsu	0	eP		31	39.2				8	17.2								28	00	
	Hiroshima	0	ePHZ		31	40.9				8	15.8								17	00	
	Matsuyama	0	ePN		31	41.1															
27	Nagoya	0	ePE	05	39	44.9					56.8								6	40	
	Nara	0	eP		39	51.5													3	30	
	Ōsaka	0	e		39	54.7													6	00	
27	Wakayama	0	ePN	06	39	14.3					1.0	4			—					7	
27	Murotomisaki	0	eP	06	55	22.6					10.3								2	00	紀伊半島沖
	Shionomisaki	I	iP		55	23.2	+6 −16	+9 +33			9.6	59	76		0.4	0.8			4	00	S coast of
	Wakayama	I	iP		55	30.3					13.0	23	48		—	—			1	40	Kii Pen.
	Sumoto	0	PH		55	32.9					15.1								3	00	Wakayama
	Tokushima	0	P		55	32.9					11.5								3	20	Pref
	Owashi	0	eP		55	34.2	(+)	(+)	(+)		16.0								3	00	
	Shimizu	0	ePH		55	35.6					21.2								2	20	
	Ōsaka	0	eP		55	37.8					19.4								5	20	
	Kōchi	0	ePE		55	39.2					23.3								1	10	
	Nara	0	eP		55	39.5					19.4								4	30	
	Kōbe	0	ePH		55	40.2					18.5								4	00	
	Matsuyama	0	ePN		55	42.5					39.0								2	50	
	Kyōto	0	eP		55	42.8					24.0								4	00	
	Takamatsu	0	eP		55	44.2					26.3								4	00	
	Kameyama	0	eP		55	44.4					38.3								5	00	
	Himeji	0	ePH		55	46.5					26.9								1	50	

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Nagoya	0	ePE		55	53.1	μ	μ	μ		52.4	μ	μ	μ	S	S	S		5	30	
	Hikone	0	P		56	01.8					58.9								3	20	
	Mizuru	0	eP		56	05.5					17.8								1	40	
	Oenkiyama	0	ePE		56	10.2															
27	Wakayama	0	ePN	10	30	51.5					56	8			-					25	
27	Wakayama	I	eP	11	10	03.0					1.2	63	51		-	-			1	00	和可山附近 near Wakayama
	Sumato	0	ePH		10	08.3					4.9									30	
27	Kōchi	0	eP	20	47	17.9					1.6				-					15	
27	Wakayama	I	eP	23	11	29.1					08	5	12		-	-				15	Local shock
28	Wakayama	I	eP	01	17	11.1					0.7	2	3		-	-					Local shock
28	Kōbe	0	eH	02	04	25.4															
	Kameyama	0	eP		04	29.0	-1	(-)	-4	6	04.5								14	00	
	Hikone	0	P		04	31.2	(-)	(-)		6	07.6								10	00	
	Nagoya	0	ePE		04	46.2													2	40	
28	Hiroshima	0	ePHZ	06	06	34.5					5.3									15	
28	Toyooka	0	iPHZ	09	34	34.1		-4			1.9								5	00	
	Mizuru	0	eP		34	40.3					6.4									48	
28	Wakayama	0	ePE	16	30	31.5					1.5		8		-	-				40	
28	Shimizu	0	eP	18	13	37.7					5.0								2	20	
	Matsuyama	0	ePN		13	47.9					31.0								2	40	
	Kōchi	0	eP		14	09.2													1	00	
	Takamatsu	0	eP		14	11.7					52.1								3	00	
	Kameyama	0	e		15	17.2													15	00	
	Kōchi	0	e	18	20	00.1															
28	Hikone	0	P		20	24.0													2	00	
	Nagaya	0	ePE		20	25.1													3	00	
28	Wakayama	0	ePE	20	14	55.0					5.5	5			-				1	00	
28	Kameyama	0	eP	22	30	23.2													5	00	
	Nagoya	0	ePE		30	27.7													5	00	
29	Tottori	0	ePN	06	28	07.4					0.7									3	
29	Ōsaka	0	eP	13	07	29.4					29.3								5	00	
29	Takamatsu	0	eP	15	29	40.4					9.6								2	00	
29	Sumato	0	PH	19	21	34.9					4.2									30	
30	Owashi	0	eP	04	40	28.3					2.7									17	
30	Murotomisaki	0	eP	16	58	13.6					1.5									21	
30	Wakayama	0	ePN	19	47	38.4					1.1	8			-					15	

International Seismological Centre

31年 5月

地震観測表 (地震計なき官署の分)

Report of Earthquakes (No Seismometer)
May 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japanese			h	m
1	Shūzan	周山	Kyōto	II	02	50
	Imazu	今津	Shiga	I		54
2	Kiyokawa	清川	Wakayama	II	08	37
	Kōjin	荒神	Nara	II		38
	Tanabe	田辺	Wakayama	I		38
	Shirahama	白浜	〃	I		38
	Kurisugawa	栗栖川	〃	II		39
	Kawai	河合	Nara	I		39
	Tadono	田殿	Wakayama	I		39
	Kōyasan	高野山	〃	I		50
4	Hiwa	比和	Hiroshima	II	15	30
4	Teragaito	寺垣内	Nara	II	18	06
4	Ichihono	市鹿野	Wakayama	II	22	06
	Tadono	田殿	〃	I		06
7	Ichikano	市鹿野	〃	I	19	45
9	Shirahama	白浜	〃	I	00	04
	Tadono	田殿	〃	I		05
11	Tadono	田殿	〃	I	09	13
13	Tadono	田殿	〃	I	07	44
13	Tadono	田殿	〃	I	20	30
14	Jobō	御坊	〃	II	02	10
16	Tadono	田殿	〃	I	06	00
21	Saizo	西条	Hiroshima	I	06	20
21	Kōzu	江津	Shimane	II	06	25
	Ichiyama	市山	〃	III		26
	Haza	波佐	〃	III		26
	Misumi	三隅	〃	II		26
	Masuda	益田	〃	II		26
	Kakei	加計	Hiroshima	II		26
	Yahata	八幡	〃	II		26
	Miyoshi	三次	〃	I		26
	Ōmori	大森	Shimane	II		27
	Ōasa	大朝	Hiroshima	II		27
	Toyosaka	豊栄	〃	II		27
	Funo	布野	〃	II		30
	Chiyoda	千代田	〃	I		40
22	Kawai	河合	Nara	I	13	35
26	Tadono	田殿	Wakayama	I	22	30
27	Shirahama	白浜	〃	I	00	09
27	Chikano	近野	〃	II	06	55
	Hiki	日置	〃	II		55
	Shirahama	白浜	〃	I		55
	Tadono	田殿	〃	I		55
	Kurisugawa	栗栖川	〃	I		55
	Shingū	新宮	〃	I		55
27	Tadono	田殿	〃	I	11	11

5月地震回数表　Number of Earthquakes (May 1956)

Station ＼ S. I	0	I	II	III	IV	Total
Kinki Area (近畿地方)						
Ōsaka	17	–	–	–	–	17
Kyōto	16	–	1	–	–	17
Nikone	24	–	–	–	–	24
Wakayama	16	15	1	–	–	32
Shionomisaki	10	2	–	–	–	12
Nara	14	–	–	–	–	14
Sumoto	23	–	–	–	–	23
Toyooka	7	1	–	–	–	8
Himeji	2	–	–	–	–	2
Ibukiyama	18	–	–	–	–	18
Kōbe	8	–	–	–	–	8
Maizuru	4	1	–	–	–	5
Chugoku Area (中国地方)						
Hiroshima	10	–	–	–	–	10

Station ＼ S. I	0	I	II	III	IV	Total
Matsue	2	–	–	–	–	2
Okayama	–	–	–	–	–	0
Tottori	3	–	–	–	–	3
Hamada	6	–	1	–	–	7
Yonago	2	–	–	–	–	2
Saigō	1	–	–	–	–	1
Shikoku Area (中国地方)						
Takamatsu	22	–	–	–	–	22
Matsuyama	12	–	–	–	–	12
Tokushima	7	–	–	–	–	7
Kōchi	10	–	–	–	–	10
Shimizu	7	–	–	–	–	7
Murotomisaki	16	–	–	–	–	16
Uwajima	1	–	–	–	–	1
Sukumo	1	–	–	–	–	1

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International Seismological Centre

大阪管区

地震月報

昭和31年6月

The Monthly Report of Earthquakes

June 1956

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Dept. of Scientific & Industrial Research,
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SEISMOLOGICAL OBSERVATORY.

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

昭和31年 6月　　June 1956

地震観測表　Seismometrical Report

Date	Station	SI	Ph	Time (J.M.T.) h	m	s	Initial M N	E	Z	p~s m	s	Max·Amp Amp N	E	Z	Period N	E	Z	p~f h	m	s	Remarks
1	Nagoya	0	ePN	14	31	41.6	〃	〃	〃		9.3	〃	〃	〃	S	S	S		1	10	
1	Kōchi	0	eP	20	58	36.8													1	00	四国西部
	Uwajima	I	eP		58	43.2					5.3								1	10	W Part of
	Matsuyama	0	ePN		58	43.5					6.0								1	10	Shikoku
	Shimizu	0	ePH		58	46.4					12.8								1	10	area
	Hiroshima	0	eS		59	02.1														34	
2	Wakayama	0	ePE	15	19	20.6					0.6		4			—				18	
2	Nagoya	0	ePE	07	03	15.3					22.6								3	10	
	Kameyama	0	e		03	44.7													4	00	
2	Wakayama	II	eP	13	46	01.1					0.9	53	57		—	—				50	和歌山附近
	Sumoto	0	iPHZ		46	04.7	(±)	(±)	-2		3.7									50	Near
	Takamatsu	0	eP		46	18.3					13.7								1	40	Wakayama
2	Wakayama	0	eP	20	50	41.7					0.8	24	14		—	—				20	
	Sumoto	0	ePH		50	44.6					2.7									20	
3	Wakayama	0	eP	04	03	45.2					7.8	5	4		—	—			1	00	
	Takamatsu	0	eP		04	16.1					11.8								2	00	
3	Sumoto	0	ePN	13	23	49.9					3.1									15	
3	Wakayama	0	eP	14	20	45.8					0.4	6	12		—	—				15	
	Sumoto	0	ePH		20	49.1					4.0									20	
4	Shimizu	0	ePH	01	13	46.0					9.4								1	40	
4	Sumoto	0	iPH	04	04	12.9	(-)	(±)			9.5									50	
	Tokushima	0	eP		04	13.1					6.0								1	20	
	Murotomisaki	0	eP		04	15.6					10.7									53	
	Owashi	0	eP		04	17.9					12.1									45	
	Nara	0	P		04	25.1													1	00	
	Hikone	0	P		04	51.8													1	20	
4	Nagoya	0	ePZ	06	18	46.1					38.1								3	00	
	Owashi	0	eP		19	02.4					5.0								1	00	
	Kameyama	0	eP		19	05.6					8.5								2	00	
	Nara	0	eP		19	08.0					8.2								2	00	
	Hikone	0	P		19	19.8					11.9								1	33	
	Tenkiyama	0	ePN		19	14.0															
	Kyōto	0	eP		19	22.9													1	00	
	Ōsaka	0	eP		19	26.9	-48	-2.4											2	00	
4	Wakayama	0	eP	06	21	00.8					2.7	4	5		—	—				25	
4	Nagoya	0	ePE	16	17	00.1													4	20	
	Kameyama	0	ePN		17	06.7				6	04.7								16	00	
	Takamatsu	0	eH		17	20.5													2	40	
4	Sumoto	0	eH	22	36	22.0														15	和歌山附近
	Wakayama	I	eP		36	23.2					0.7	7	14		—	—				25	Near Wakayama
5	Sumoto	0	ePH	02	35	57.7					10.7									35	
	Wakayama	0	eP		35	57.9					6.6	2	4		—	—				20	
5	Sumoto	0	ePH	02	47	08.5					10.9									35	

Date	Station	SI	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Tokushima	0	eP		47	09.3	〃	〃	〃		4.0	〃	〃	〃	S	S	S		1	10	
	Wakayama	0	eP		47	17.8					1.5	2	3		-	-				18	
	Takamatsu	0	eP		47	19.0					9.2								2	00	
	Murotomisaki	0	eP		47	28.7					5.3									17	
5	Tokushima	0	ePE	08	20	04.8					8.2								1	00	
	Sumoto	0	PH		20	09.6					7.5									50	
	Wakayama	0	eP		20	12.8					1.4	16	17		-	-				30	
	Shionomisaki	0	eP		20	13.6					10.3									45	
	Murotomisaki	0	eP		20	16.5					8.9									40	
	Takamatsu	0	eP		20	16.8					10.2								2	00	
	Owashi	0	eP		20	19.5					13.7									54	
	Ōsaka	0	e		20	21.4													1	00	
5	Wakayama	0	eP	09	42	16.2					1.8	17	27		-	-				25	
6	Murotomisaki	0	eP	02	25	16.0					1.4									20	
6	Nagaya	0	ePE	04	57	29.6					26.9								4	50	
	Ikukiyama	0	ePE		57	31.7															
	Hikone	0	eP		57	35.4					46.1								4	00	
	Kameyama	0	eP		57	36.3					31.6								5	00	
	Kyōto	0	eP		57	40.7					58.9								3	00	
	Owashi	0	e		58	02.3														52	
	Ōsaka	0	eP		58	16.4					31.0								3	00	
	Takamatsu	0	eP		58	22.1					59.7								3	00	
	Kōbe	0	eH		58	35.9															
6	Wakayama	0	eP	08	33	25.6					0.4	6	15		-	-				35	
	Sumoto	0	ePH		33	29.6					3.0									30	
6	Wakayama	0	eP	15	09	40.5					1.2	11	7		-	-				18	
6	Sumoto	0	ePH	21	11	40.6					8.1									35	
	Wakayama	0	eP		11	42.5					1.3	4	6		-	-				15	
6	Wakayama	0	eP	22	50	05.6					1.2	4	2		-	-				9	
7	Wakayama	II	eP	00	09	33.6					1.2	178	53		-	-			1	30	和河山附近
	Sumoto	0	PH		09	37.4					3.7									50	Near
	Owashi	0	eP		09	49.7					8.4									36	Wakayama
	Takamatsu	0	eP		09	51.8					14.7								2	00	
	Kameyama	0	e		09	53.1													1	00	
7	Wakayama	0	ePE	04	23	38.9					0.4		9			-				25	
8	Nagoya	0	ePE	03	06	34.9													3	50	
8	Kōchi	0	eP	03	19	07.5					22.2								1	00	日向灘
	Sukumo	0	eP		19	39.0					10.0								3	00	off E coast
	Shimizu	0	ePH		19	40.8					12.9								5	20	of Miyazaki
	Uwajima	0	eP		19	43.8					21.9										Pref
	Hiroshima	0	ePHZ		20	01.8					23.8								4	50	Kyūshū
	Takamatsu	0	eP		20	14.3					28.0								6	00	
	Tokushima	0	ePN		20	17.8													4	20	
	Kyōto	0	eP		20	21.0					52.2								3	00	
	Murotomisaki	0	eP		20	27.7					15.4								1	50	
	Tottori	0	ePN		20	43.6					53.5								3	10	
	Wakayama	0	eP		20	51.3					36.0								2	00	
	Owashi	0	e		21	07.0													6	10	

Date	Station	S.I	ph	Time (J.M.T) h	m	s	Initial M N	E	Z	p~s m	s	Max. Amp Amp N	E	Z	Period N	E	Z	p~F h	m	s	Remarks
	Toyooka	0	eH		21	17.0	μ	μ	μ			μ	μ	μ	s	s	s				
	Kameyama	0	eP		21	21.2					39.4								4	00	
	Sumoto	0	ePH		21	21.9					56.0								4	00	
	Ōsaka	0	eE		21	24.8													2	00	
8	Matsuyama	0	ePN	03	49	54.3					30.5								4	00	
8	Tokushima	0	iPE	12	11	55.6					5.7								2	30	
	Sumoto	0	PN		11	56.8					6.6									40	
	Takamatsu	0	eP		12	01.9					10.2								1	00	
8	Wakayama	0	eP	16	09	16.7					1.8	12	12		-	-				18	
8	Wakayama	I	eP	16	24	44.7					1.5	16	16		-	-				25	Local Shock
8	Wakayama	0	eP	23	31	19.8					0.9	2	4		-	-				10	
9	Wakayama	0	eP	01	31	57.3					0.8	2	3		-	-				18	
9	Kameyama	II	iP	05	28	02.9	-1	-2			4.9								7	00	
	Nara	0	P		28	08.3					5.4								2	00	
	Hikone	0	P		28	12.3					6.8								2	00	
	Ibukiyama	0	ePE		28	13.4															
	Owashi	0	e		28	13.6					7.9	10	12		0.1	0.1			1	00	
	Kyōto	0	eP		28	13.7					6.2								2	00	
	Nagoya	0	ePE		28	13.8					8.6								4	00	
	Maizuru	0	eP		28	22.4					12.9								1	10	
	Sumoto	0	ePH		28	23.8					14.8								1	10	
	Takamatsu	0	eP		28	40.0					27.3								2	00	
9	Nagoya	0	ePH	10	30	10.1					41.9								4	20	
	Sumoto	0	ePH		30	15.5					6.4									50	
	Owashi	0	e		30	17.2													1	20	
	Kameyama	0	eP		30	19.2					9.29								6	00	
	Kyōto	0	eP		30	21.1					9.28								2	00	
	Tokushima	0	eP		30	26.5	+1	+2											2	00	
9	Kameyama	0	ePN	19	28	25.9													25	00	
	Nagoya	0	ePE		28	30.8													6	00	
10	Nagoya	0	ePE	05	05	53.5													8	30	
	Kameyama	0	e		06	10.0													7	00	
10	Hamada	0	ePZ	08	23	01.6				7	22.7							1	40	00	パミール高原
	Hiroshima	0	ePHZ		23	03.4	(-)	+1	(+)	7	27.6							1	17	00	Pamir Highland
	Saigō	0	eP		23	06.7				7	26.4							1	27	00	$\varphi = 40.0^H$
	Matsuyama	0	ePZ		23	07.5													40	50	$\lambda = 63.7E$
	Kōchi	0	eP		23	12.3				7	31.1	235	266		19.4	22.6		1	29	00	
	Takamatsu	0	eP		22	14.6				7	35.6							1	18	00	
	Toyooka	0	ePH		23	16.3															
	Himeji	0	ePH		23	16.5			NE	7	05.0 58.7							1	01	40	
	Murotomisaki	0	ePH		23	17.4				7	36.6							1	13	00	
	Tokushima	0	eP		23	18.2	-2	+2		7	37.8							1	00	00	
	Ibukiyama	0	ePE		23	18.4															
	Kōbe	0	ePE		23	20.8				7	42.1							2	10	00	
	Sumoto	0	iPH		23	21.4	+3	-7		7	36.6	295	358		17.8	17.8		1	29	00	
	Tottori	0	eE		23	22.8													51	40	
	Kyōto	0	eP		23	22.8				7	40.3							1	05	00	
	Hikone	0	P		23	23.7				7	42.6							1	10	00	

Date	Station	SI	Phr	Time (J.M.T.) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Osaka	0	eP		23	24.0				7	41.8	46	59	60	17.3	9.1	17.2		49	00	
	Nara	0	eP		23	24.6				11	38.0								55	00	
	Kameyama	0	iP		23	25.4	(-)	+2		7	44.8							1	25	00	
	Owashi	0	eP		23	28.2				7	45.4	21	35	52	28.3	16.8	18.8		55	00	
	Shionomisaki	0	eP		23	28.6				7	31.9	38	22			18	19		50	00	
	Nagoya	0	PE		23	30.2				8	05.3								43	00	
	Yonago	0	eS		30	20.8															
	Shimizu	0	eLE		30	45.1															
	Wakayama	0	e		30	57.4													50	00	
10	Nagoya	0	ePE	13	34	59.1					25.7								2	30	
	Kameyama	0	e		35	36.3													3	00	
11	Sumoto	0	ePH	06	41	36.7					10.0									40	和可山附近 Near Wakayama
	Wakayama	I	eP		41	40.5					1.4	27	14		-	-				50	
11	Wakayama	I	eP	07	44	23.2					0.9	27	17		-	-				50	和可山附近 Near Wakayama
	Sumoto	0	ePH		44	27.5					2.4									20	
11	Nagoya	0	ePE	10	28	07.0													2	20	
11	Nagoya	0	ePE	12	25	08.0													1	50	
11	Wakayama	0	ePN	12	50	56.0					1.2	10			-					25	
11	Nagoya	0	ePE	21	39	31.1					59.5								3	00	
	Kameyama	0	e		39	40.7													5	00	
11	Tokushima	0	iPN	21	44	22.0					4.3									55	
	Sumoto	0	PH		44	27.0					9.5									25	
	Matsuyama	0	ePE		44	33.9					17.0								1	00	
12	Murotomisaki	0	eP	00	14	43.0					3.2									12	
12	Wakayama	I	eP	16	34	29.9					1.4	54	42		-	-				45	和可山附近 Near Wakayama
	Sumoto	0	eH		34	47.5														20	
12	Takamatsu	0	eH	18	19	15.9													1	30	
12	Wakayama	0	eP	23	58	40.2					1.1	4	5		-	-				15	
13	Wakayama	0	ePN	00	21	24.9					0.9	2			-					10	
13	Wakayama	0	eP	02	22	36.2					4.3	11	9		-	-				25	
	Sumoto	0	ePN		22	42.2					5.5									35	
13	Matsuyama	0	ePE	04	47	31.3					25									28	
13	Nagoya	0	ePE	11	39	06.0													2	20	
13	Murotomisaki	0	eP	19	12	01.9					6.0									27	
13	Nagoya	0	ePN	20	40	20.2													1	00	
	Kameyama	0	eP		40	26.9					13.7								2	00	
	Ibukiyama	0	ePN		40	26.9															
	Hikone	0	S		40	32.5														40	
	Kyōto	0	eS		40	48.5															
13	Kameyama	0	eP	21	13	30.5				1	03.6								13	00	
	Shimizu	0	e		14	08.9															
	Matsuyama	0	ePE		14	19.7															
	Hiroshima	0	eHE		14	20.5	(-)	(-)	(+)										7	20	
	Tokushima	0	eP		14	23.3				5	29.0								7	30	
	Takamatsu	0	eP		14	24.0				5	27.3								16	00	
	Sumoto	0	ePH		14	27.5				5	30.6								10	00	
	Kyōto	0	eP		14	32.7				5	34.9								7	00	
	Ōsaka	0	e		14	38.8													3	00	

Date	Station	SI	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Ibukiyama	0	ePN		14	34.8	"	"	"			"	"	"	S	S	S				
	Hikone	0	P		14	36.7				5	38.6								12	00	
	Nagoya	0	ePE		14	38.8													8	40	
	Nara	0	P		14	42.7													2	00	
14	Tokushima	0	iS	11	21	28.0														30	
	Sumoto	0	ePH		21	28.7					8.2									35	
14	Wakayama	0	ePN	13	13	57.7					1.3	12			—					20	
15	Nagoya	0	ePE	09	24	02.6					41.8								5	20	
	Hikone	0	P		24	16.0	(+)	(+)			29.9								3	00	
	Kameyama	0	eP		24	18.1	(+)	(−)	(+)		31.5								6	00	
	Nara	0	eP		24	21.8					35.5								4	20	
	Ōsaka	0	eP		24	24.1					29.8								4	00	
	Sumoto	0	PH		24	26.8					41.2								4	00	
	Shionomisaki	0	ePNZ		24	31.0		+7		E N	42.9 37.9								2	20	
	Tokushima	0	eP		24	32.3	(+)	(+)			44.0								2	50	
	Takamatsu	0	iPE		24	33.9					44.2								3	00	
	Murotomisaki	0	eP		24	41.9					50.3								1	50	
	Matsuyama	0	ePN		24	48.0					52.0								5	10	
	Kōchi	0	eP		24	52.4					42.6								1	00	
	Ibukiyama	0	ePH		25	13.8															
15	Ōsaka	0	eP	10	51	02.7													1	00	
15	Yonago	0	eP	23	35	35.5					3.5									21	
16	Tokushima	0	iPN	04	01	21.5					4.9									40	
	Mrotomisaki	0	eP		01	23.3					6.6									50	
	Takamatsu	0	eP		01	25.7					6.8								2	00	
	Sumoto	0	PH		01	28.8					10.2									40	
	Matsuyama	0	ePE		01	36.9					18.0								1	30	
	Wakayama	0	ePN		01	40.0					20.0	4			—					20	
	Shionomisaki	0	S		02	41.1														42	
16	Wakayama	I	eP	06	07	19.0					1.2	14	27		—	—				30	Local shock
16	Wakayama	I	eP	06	11	03.0					0.8	13	27		—	—				25	Local shock
16	Nagoya	0	ePN	11	45	21.1					8.8									36	
	Kameyama	0	eP		45	23.1					9.3								2	00	
16	Sumoto	0	ePH	15	14	39.1					6.7									25	
	Takamatsu	0	eP		14	48.1					12.1								1	40	
	Murotomisaki	0	eP		14	58.6					1.9									35	
	Nagoya	0	ePN		15	35.9														41	
16	Shimizu	0	eP	15	20	38.0					52.1								20	20	屋久島南東沖
	Murotomisaki	0	eP		20	46.4				1	00.4								21	40	off S.E coast
	Kōchi	0	eP		20	50.2						23	21		23/4						of Yakushima
	Matsuyama	0	ePZ		20	51.8													9	10	
	Hiroshima	0	ePHZ		20	57.3				1	04.3								24	00	φ=29.0N
	Takamatsu	0	eP		21	01.6				1	09.3								29	00	λ=132.0E
	Tokushima	0	ePN		21	02.2				1	07.4								14	40	
	Shionomisaki	0	ePEZ		21	12.6				NE N	58.8 58.4								26	00	
	Hamada	0	eP		21	05.0				1	12.2								30	00	
	Sumoto	0	PHE		21	06.2				1	12.8								31	00	
	Owashi	0	eP		21	11.5				1	17.4								16	00	

Date	Station	SI	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Kōbe	0	ePH		21	13.1	"	"	"	2	03.8	"	"	"	S	S	S		35	00	
	Nara	0	P		21	17.8				1	29.5								12	00	
	Ōsaka	0	eP		21	19.9				1	30.8								31	00	
	Tottori	0	eN		21	19.9													6	10	
	Kyōto	0	eP		21	20.5				2	42.0								15	00	
	Toyooka	0	ePHZ		21	22.2															
	Kameyama	0	eP		21	24.0				3	02.6								33	00	
	Hikone	0	P		21	27.2				3	58.4								30	00	
	Ibukiyama	0	iPN		21	27.4															
	Saigō	0	eP		22	11.2													13	00	
	Yonaga	0	P		22	13.1				2	01.0								17	10	
	Uwajima	0	eP		22	19.7					21.8								5	10	
16	Nagoya	0	ePN	16	21	19.8													14	00	
16	Kameyama	0	e	21	50	39.9													2	00	
16	Murotomisaki	0	eP	21	56	06.7					7.0								1	10	
16	Wakayama	I	eP	22	16	23.5					0.9	16	16		-	-				27	Local shock
16	Nagoya	0	ePE	22	48	33.9													1	40	
16	Wakayama	0	eP	23	11	49.2					0.3	4	5		-	-				15	
17	Nagoya	0	ePE	06	49	19.3														56	
17	Shionomisaki	0	eP	13	54	45.1					7.4									25	
	Wakayama	0	ePN		54	46.6					8.0	12			-					25	
	Sumata	0	PH		54	49.5					10.3									20	
	Owashi	0	eP		54	50.3					10.8								1	00	
	Murotomisaki	0	eP		54	52.6					13.2									41	
	Tokushima	0	iPE		54	53.4					7.0								1	10	
	Takamatsu	0	eP		54	57.3					12.5								3	00	
	Kameyama	0	eP		54	59.3					18.3								2	00	
	Nagoya	0	ePE		55	22.6														42	
17	Toyooka	0		24	前	後					2.7										
18	Maizuru	0	eP	00	16	28.6					4.8									30	
	Kameyama	0	eP		16	48.2					18.6								2	00	
	Sumoto	0	ePH		16	59.8					3.3									20	
18	Murotomisaki	0	eP	18	31	48.0					2.5									15	
19	Matsuyama	0	eN	05	16	27.5															
19	Tokushima	0	iS	13	18	11.6														20	
19	Wakayama	0	eP	17	23	04.8					0.8	19	9		-	-				15	
20	Tottori	III	iPN	02	06	36.5	+22	+10			4.9	157	126		0.1	0.1			1	10	鳥取県沖
	Yonago	II	iP		06	41.3	-3	+5			4.9		105			-			4	00	off N coast
	Okayama	I	iP		06	41.6					10.1								2	10	of Tottori
	Toyooka	0	ePHZ		06	45.2					11.5								2	00	Pref
	Saigō	II	P		06	46.3					11.4								1	10	
	Himeji	0	ePH		06	47.5					12.1								1	50	φ = 35.6N
	Takamatsu	0	iPN		06	49.0					13.7								4	00	λ = 134.0E
	Hiroshima	0	ePH		06	51.3					24.0								2	40	D = 35KM
	Hamada	0	eP		06	52.4					21.5								4	00	
	Kōbe	0	ePN		06	53.6					16.5								4	00	
	Sumoto	0	PZ		06	54.1					19.1								2	00	
	Maizuru	0	eP		06	54.6					18.3								1	40	

Date	Station	SI	PR	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Matsuyama	0	ePE		06	57.5	μ	μ	μ		18.5	μ	μ	μ	S	S	S		2	50	
	Tokushima	0	eP		06	58.0					18.1								8	10	
	Ōsaka	0	eP		07	10.4					20.6								4	30	
	Kyōto	0	eP		07	01.2					19.7								2	00	
	Kochi	0	PN		07	01.7					22.5								1	30	
	Hikone	0	P		07	04.7					27.8								3	20	
	Nara	0	P		07	05.4					21.2								3	00	
	Ibukiyama	0	ePN		07	07.6					25.7										
	Wakayama	0	eP		07	10.0					10.3								1	30	
	Murotomisaki	0	eP		07	10.2					25.8								2	00	
	Kameyama	0	eP		07	12.2					28.5								5	00	
	Shimizu	0	eP		07	13.6					27.8								2	50	
	Nagoya	0	ePE		07	15.0					27.3								5	00	
	Shionomisaki	C	eP		07	43.3														25	
20	Shionomisaki	I	iPH	10	18	40.5	+3	+5			2.4									33	Local shock
20	Kōchi	0	eP	22	56	49.9					11.2								1	00	
21	Wakayama	0	eP	00	59	25.4					1.2	4	7		-	-				16	
21	Wakayama	II	iP	02	25	23.7	-0.5	+1	+4		0.7	180	106		-	-			1	50	和可山附近
	Sumoto	0	ePHZ		25	28.8					3.9								1	00	near Wakayama
	Shionomisaki	0	S		25	29.3															
	Tokushima	0	P		25	35.0					0.6								1	10	
	Takamatsu	0	eP		25	42.2					13.1								2	00	
	Owashi	0	eP		25	42.7					12.7									54	
	Murotomisaki	0	eP		25	55.4					9.2									38	
	Kōchi	0	eP		26	01.8					8.8								1	00	
	Kameyama	0	e		26	05.9													1	00	
21	Hiroshima	0	ePHZ	18	16	45.1					7.7									52	
	Kōchi	0	eP		17	03.6					12.2									25	
22	Kameyama	0	eP	14	55	53.7					6.2								1	00	
22	Nara	0	P	15	02	53.6					2.7								1	00	
28	Nagoya	0	ePE	01	55	31.2													2	40	
	Hikone	0	P		55	37.5					22.6								2	00	
	Ibukiyama	0	ePN		55	40.1															
	Kameyama	0	e		55	40.4													2	00	
28	Nagoya	0	ePE	11	28	53.2													17	00	
	Kyōto	0	e		28	53.5													40	00	
	Hikone	0	P		28	56.7				5	22.8								50	00	
	Toyooka	0	e		28	59.6															
	Kōbe	0	ePN		24	00.7															
	Ibukiyama	0	ePN		24	01.8															
	Komeyama	0	eP		24	07.8				6	25.5								48	00	
	Takamatsu	0	eP		24	12.7				4	24.0								30	00	
	Tokushima	0	eP		24	13.0				4	47.0								26	00	
	Matsuyama	0	ePN		24	15.9													22	20	
	Kōchi	0	eP		24	19.8				6	32.2	29			25.2			1	08	00	
	Sumoto	0	eN		31	47.5														20	00
	Shionomisaki	0	eL		32	15.0														17	00
	Hiroshima	0	eHZ		29	11.0														17	00

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp. N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Yonago	0	i		29	39.7															
28	Owashi	II	iP	12	30	41.7	+2	-174	+38.5		6.0			162			0.7		4	50	志摩半島
	Kameyama	II	iP		30	45.5	-36	+15	-25		8.9	238	138		-	-			10	00	Shima Pen.
	Nara	0	iP		30	48.2					10.0	260	290		-	-					Mie Pref
	Shionomisaki	0	P		30	49.7	+10	+8	-25		10.6			52			-		4	20	φ=34.3N
	Nagoya	II	iPE		30	50.1	-9	-11	-18		12.2	71	73	41	1.0	3.0	1.0		10	00	λ=136.8E
	Ibukiyama	0	iPN		30	51.0	(-)	(+)			14.5										D=60Km
	Ōsaka	I	iP		30	51.5	-27.4	+29.4	-24.3		12.4	216	201	126	1.3	2.1	1.6		3	30	
	Hikone	0	iP		30	51.6	-50	+5	-28		14.6	290	242	96	1.6	1.2	0.6		5	40	
	Kyōto	0	iP		30	52.6	-19	+26	-35		13.2	106	99		0.9	0.9			10	00	
	Wakayama	0	eP		30	52.9					13.5								1	50	
	Kōbu	0	ePH		30	53.8					15.0	45	63		0.8	1.3			3	20	
	Sumoto	0	PH		30	58.5					25.6								2	00	
	Maizuru	0	iP		30	58.8					18.3								2	40	
	Himeji	0	ePH		31	01.0					26.3								4	00	
	Toyooka	0	iPZ		31	04.0			(-)		24.3								4	00	
	Tokushima	0	eP		31	04.5					16.5								6	00	
	Takamatsu	0	eP		31	09.2					33.7								5	00	
	Murotomisaki	0	eP		31	11.8					31.1								2	50	
	Tottori	0	ePN		31	19.4					27.0								2	30	
	Kōchi	0	ePEZ		31	19.8					27.9								3	00	
	Matsuyama	0	ePE		31	22.9					17.5								4	30	
	Tanugiyama	0	eP		31	26.6					8.2								2	40	
	Hamada	0	ePE		31	29.4					54.5								5	00	
	Shimeji	0	ePH		31	37.6					28.3								3	20	
	Hiroshima	0	ePHZ		31	41.1		-1	-2		29.7								1	50	
	Saigō	0	eP		31	56.3					41.9								3	00	
	Yonago	0			32	頃															
23	Nagoya	0	ePN	13	28	03.1					1.8								1	30	
24	Matsuyama	0	ePN	04	48	22.5					8.0									41	
25	Wakayama	0	ePE	02	42	15.4					0.5		3			-				15	
25	Kameyama	0	e	14	17	11.4													2	00	
25	Kameyama	0	e	15	53	32.2													2	00	
26	Wakayama	0	eP	00	55	09.8					2.5	5	5		-	-				15	
26	Nagoya	0	ePE	06	59	57.6					31.9								5	10	
	Kameyama	0	eP	07	01	08.3					45.3								4	00	
	Hikone	0	P		01	15.2					27.2								2	20	
	Ibukiyama	0	ePN		01	23.7															
	Kyoto	0	e		01	28.1					34.1								4	00	
	Ōsaka	0	e		02	09.5													2	10	
27	Wakayama	0	eP	00	37	34.9					0.7	3	3		-	-				8	
27	Shimizu	0	P	04	44	36.6	(+)	(+)			31.1								2	20	
	Matsuyama	0	ePN		44	41.7					36.5								2	00	
	Kōchi	0	eP		44	45.5					39.8								1	20	
	Takamatsu	0	eP		44	55.9					47.1								4	00	
27	Hamada	0	eP	06	56	16.1					44.6										
27	Kameyama	0	e	11	18	05.6													4	00	
	Hikone	0	eP		18	11.2													2	30	

Date	Station	S.I	Ph	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	MAX. AMP Amp N	E	Z	Period N	E	Z	P~F R	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Kyōto	0	e		19	09.5													2	00	
28	Wakayama	I	eP	09	20	22.1					1.1	14	17		-	-				20	Local Shock
28	Kameyama	0	eP	13	28	019		(+)	(-)		6.6								2	00	
28	Owashi	0	eP	16	45	18.4					4.9									35	
29	Kōbe	0	ePE	08	10	23.9															
29	Hiroshima	0	ePH2	11	25	14.8				2	20.5								18	00	
	Takamatsu	0	eP		25	29.4													12	00	
	Kōchi	0	e		27	39.4													12	00	
	Kōbe	0	eH		29	10.3															
29	Nagoya	0	ePN	13	10	42.0					38.8	80	55		25	17			12	00	
	Ibukiyama	0	ePN		10	46.7					44.6										
	Hikone	0	P		10	47.0					50.2								19	00	
	Kameyama	0	eP		10	50.6					45.4								12	00	
	Kyōto	0	eP		10	55.2					54.7								10	00	
	Toyooka	0	ePH2		10	58.3															
29	Ōsaka	0	eP	13	11	01.4				1	01.2								12	00	福島県西部
	Sumoto	0	ePH		11	08.4				1	07.4								7	20	KI Part of
	Owashi	0	eP		11	08.6					53.1								5	20	Fukushima
	Kōbe	0	ePH		11	12.7					54.4								12	00	Pref
	Tokushima	0	ePE		11	13.1				1	21.3								5	50	
	Himeji	0	ePH		11	15.9				1	01.0								5	50	φ=37.2
	Takamatsu	0	ePN		11	17.0				1	19.7								6	00	λ=139.3
	Shionomisaki	0	eP		11	21.1				1	022								3	20	D=20Km
	Kōchi	0	ePZ		11	27.1				1	32.4								5	00	
	Murotosaki	0	eP		11	28.0				1	30.9								3	40	
	Hiroshima	0	ePH2		11	31.8				1	19.9								6	20	
	Hamada	0	eP		11	38.7				1	20.8								6	00	
	Nara	0	P		11	57.7					57.9								8	00	
	Shimizu	0	eP		13	10.8					20.5								1	50	
29	Kyōto	0	eP	15	48	07.6					3.0								1	10	
29	Matsuyama	0	iPZ	23	00	15.1					44.0								2	10	
	Hiroshima	0	ePZ		00	46.0	+1	+1	+2		14.0								1	20	
	Shimizu	0	eP		00	50.8					17.4								2	10	
	Kōchi	0	eP		00	53.5					17.9								1	10	
	Takamatsu	0	eP		00	58.9					23.2								2	30	
	Okayama	0	eP		01	01.4					22.6								1	20	
	Sumoto	0	ePH		01	11.8					27.9								1	30	
	Kameyama	0	ePN		01	28.8					44.0								4	00	
	Tokushima	0	iS		01	31.5													1	40	
	Hikone	0	P		02	12.1													1	30	
30	Hikone	0	eP	02	49	17.4													2	30	
30	Hiroshima	0	ePH2	10	30	48.1					7.4									37	
30	Shimizu	0	eP	23	40	18.3					22.1								2	40	
	Kōchi	0	ePZ		40	31.2													1	30	
	Hamada	0	eP		40	50.6													3	00	
	Hiroshima	0	eH2		40	55.5													2	30	
	Takamatsu	0	eP		40	56.2				1	01.2								3	30	
	Sumoto	0	eH		41	10.9													3	20	
	Tokushima	0	ePE		41	13.2					41.4								2	40	

International Seismological Centre

31年6月

地震観測表(地震計なき官署の分) (No Seismometer)

Report of Earthquakes

June 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japanese			h	m
1	Ōsu	大　洲	Ehime	II	20	50
4	Neu	根　雨	Tottori	I	14	16
6	Tadono	田　敞	Wakayama	I	00	10
6	Kiyokawa	清　川	〃	I	21	10
	Tadono	田　敞	〃	I		11
7	Tadono	田　敞	〃	I	20	26
9	Tsuchiyama	土　山	Shiga	I	05	28
10	Tadono	田　敞	Wakayama	I	21	26
11	Tadono	田　敞	〃	I	07	33
13	Tadono	田　敞	〃	I	09	56
15	Kōshōji	法勝寺	Tottori	I	23	35
	Neu	根　雨	〃	I		35
16	Tadono	田　敞	Wakayama	I	06	07
16	Tadono	田　敞	〃	I	23	02
17	Tadono	田　敞	〃	I	00	57
17	Kurisugawa	栗栖川	〃	II	13	56
20	Sekigane	関　金	Tottori	II	02	06
	Sakai	境	〃	I		06
	Kure	呉	Hiroshima	I		06
	Yagami	矢　神	Okayama	I		06
	Onbara	恩　原	〃	III		07
	Chiya	千　屋	〃	II		07
	Nagashima	長　島	〃	II		07
	Hinokami	日野上	Tottori	II		07
	Yumoto	湯　本	Okayama	I		07
	Susai	周　匝	〃	I		07
	Hatsukaichi	廿日市	Hiroshima	I		07
	Okutsu	奥　津	Okayama	III		08

Date	Station		Prefecture	S. I	Time	
	Roman	Japanease			h	m
	Kurahashi	倉橋	Hiroshima	II		08
	Kakei	加計	〃	II		08
	Konakahara	小中原	Okayama	I		08
	Kaminagata	上長田	〃	I		08
	Shōbara	庄原	Hiroshima	I		08
	Neu	根雨	Tottori	II		09
	Kuze	久世	Okayama	II		10
	Tsuyama	津山	〃	II		10
	Kurami	倉見	〃	II		10
	Kannabe	神辺	Hiroshima	II		13
	Tōhaku	東伯	Tottori	III		30
21	Shōbara	庄原	Hiroshima	I	08	17
	Kakei	加計	〃	I		17
	Miyoshi	三次	〃	II		19
23	Tarao	多羅尾	Shiga	II	12	30
	Hachiman	八幡	〃	I		30
	Kōyasan	高野山	Wakayama	I		30
28	Hashikama	波止浜	Ehime	I	06	05
29	Shūzan	周山	Kyōto	I	15	48
	Chii	知井	〃	I		48

International Seismological Centre

6月地震回数表

Number of Earthquakes (June 1956)

Station \ S.I	0	I	II	III	IV	Total
Kinki Cerca (近畿地方)						
Ōsaka	12	1	-	-	-	13
Kyōto	16	-	-	-	-	16
Hikone	18	-	-	-	-	18
Wakayama	34	10	3	-	-	47
Shionomisaki	11	1	-	-	-	12
Nara	10	1	-	-	-	11
Sumoto	27	-	-	-	-	27
Toyooka	8	-	-	-	-	8
Himeji	4	-	-	-	-	4
Kōbe	9	-	-	-	-	9
Ibukiyama	14	-	-	-	-	14
Maizuru	4	-	-	-	-	4
Chūgoku Cerca (中国地方)						
Hiroshima	14	-	-	-	-	14
Matsue	-	-	-	-	-	0
Okayama	1	1	-	-	-	2
Tottori	4	-	-	1	-	5
Hamada	6	-	-	-	-	6
Yonago	5	-	1	-	-	6
Saigō	3	-	1	-	-	4
Shikoku Cerca (四国地方)						
Takamatsu	27	-	-	-	-	27
Matsuyama	16	-	-	-	-	16
Tokushima	22	-	-	-	-	22
Kōchi	17	-	-	-	-	17
Shimizu	12	-	-	-	-	12
Murotomisaki	19	-	-	-	-	19
Uwajima	3	-	-	-	-	3
Sukumo	1	-	-	-	-	1
Tarugiyama	1	-	-	-	-	1

International Seismological Centre

大阪管区

地震月報

昭和31年 7月

The Monthly Report of Earthquakes

July 1956

Geophysics Division,
Dept. of Scientific & Industrial Research,
LIBRARY
SEISMOLOGICAL OBSERVATORY.

大阪管区気象台

The Osaka
District Meteorological Observatory
Japah

International Seismological Centre

昭31年7月　　July 1956

地震観測表　Seismological Report

Date	Station	SI	Pha	Time (JMT) h	m	s	Initial M N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	S	S	S				
1	Wakayama	0	ep	03	20	18.2					1.1	11	14		–	–				24	
1	Wakayama	I	ep	07	28	20.8					0.9	14	22		–	–				25	Local Shock
1	Kameyama	0	ep	07	31	36.2					15.5								1	00	
1	Sukumo	II	ep	10	48	38.0					6.7	160	140		–	–			2	30	
	Shimizu	II	ip		48	39.2	-9	-8	-11		7.9	156	95		–	–			4	20	日向灘
	Uwajima	I	p		48	42.4					10.4	200	175						2	10	Off E coast
	Matsuyama	0	epZ		48	53.2					20.5								3	50	of Miyazaki
	Murotomisaki	0	ep		48	56.2					25.3								2	50	Pref., Kyūshū
	Kōchi	0	epE		48	56.3		+1			18.0	15	15		–	–			1	00	
	Hiroshima	0	ep		49	00.0					23.3								4	20	32.5°N
	Takamatsu	0	ep		49	00.0					32.4								4	30	132.3°E
	Hamada	0	ep		49	10.3					31.0								5	00	D ≒ 20 km
	Tokushima	0	epE		49	13.3					29.9								4	50	
	Ōsaka	0	ep		49	19.0					40.4								5	00	
	Sumoto	0	ef		49	21.2					34.1								3	30	
	Tayooka	0	ep		49	39.3					28.6								3	20	
	Nagoya	0	epN		49	41.4													8	00	
	Kameyama	0	ep		49	42.0					59.8								5	00	
	Owase	0	ep		49	42.4													3	00	
	Kyōto	0	ep		49	47.6					44.0								5	00	
	Hikone	0	ep		49	50.1					56.2								5	00	
	Saigo	0	p		50	26.9															
1	Tottori	0	P	14	26	05.7					0.6	20	7		–	–				4	
2	Takamatsu	0	ep	11	17	38.6				1	26.2								5	00	
	Kōchi	0	ep?		17	53.1					47.8								2	00	
	Tokushima	0	epE		18	10.4				1	12.8								2	30	
2	Nagoya	0	ep	13	43	17.2													1	20	
2	Kameyama	0	epN	17	08	21.8					18.7								2	00	
	Owase	0	ep		08	26.6					6.3									50	
	Nagoya	0	epN		08	52.1													1	00	
2	Wakayama	I	eP	22	41	07.7	-1	-1			1.2	31	76		–	–				40	和歌山附近
	Sumoto	0	epH		41	11.3					4.2									20	near Wakayama
3	Nagoya	0	epE	04	31	09.2					4.5									33	
3	Kameyama	0	ep	06	33	41.9					10.4								2	00	
	Nagoya	0	epE		34	37.3					4.3								1	50	
3	Nagoya	0	epN	18	24	27.9													2	00	
3	Nagoya	0	epN	22	44	40.2													1	00	
4	Nagoya	0	epN	00	59	22.4														20	
4	Wakayama	I	ep	04	03	34.2					0.5	22	14		–	–				25	Local Shock
4	Wakayama	0	ep	19	09	29.5					1.2	76	80		–	–			1	00	和歌山附近
	Sumoto	0	ep		09	33.2					4.3									45	Near
	Owase	0	ep		09	42.2					11.6									34	Wakayama
	Takamatsu	0	ep		09	44.8					17.2								2	00	

Date	Station	SI	Pha	Time (J.M.T.) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Amp Period N	E	Z	P~F h	m	s	Remarks
	Kameyama	0	ep		09	50.5					17.4									2.00	
	Muroto misaki	0	ep		09	53.3					59									38	
	Sumoto	0	epH	19	25	47.5					41									25	
4	Wakayama	0	ep	20	43	57.2					1.5	8	8		–	–				20	
4	Muroto misaki	0	ep	22	53	11.9					52									24	
	Tokushima	0	eSE		53	16.1														25	
5	Muroto misaki	0	ep	15	40	33.5					34									42	
	Tokushima	0	epE		40	37.7					69									1.10	
	Takamatsu	0	eH		40	57.8														2.30	
5	Wakayama	II	ep	17	51	25.8					11	215	200		–	–				1.00	Local Shock
7	Kameyama	0	e	10	53	06.9														2.00	
7	Nagoya	0	epE	16	38	15.9					23.5									3.50	円沢山界
	Kameyama	0	ep		38	26.7					25.2									4.00	SE part of
	Hikone	0	ep		38	27.7					25.5									3.00	Yamanashi
	Ibukiyama	0	epN		38	31.9															Pref., Central
	Owase	0			38	39.4														2.00	Honshū
	Kyōto	0	ep		38	42.1					27.8									3.00	
	Ōsaka	0	ep?		38	47.7					30.6									3.00	
	Tokushima	0	eE		39	33.4														55	
	Takamatsu	0	eH		40	01.8														4.30	
7	Owase	0	ep	17	04	31.9					37									31	
8	Hiroshima	0	epE	14	13	15.4	-1	(-)	(+)		10.8									57	広島縣北部
	Hamada	0	ep		13	20.8					3.4									27	N part of
	Matsuyama	0	epE		13	23.6					16.0									2.10	Hiroshima
	Takamatsu	0	ep		13	25.0					13.9									2.00	Pref.
	Tokushima	0	epE		13	31.6					23.3									1.40	
	Kōchi	0	ep		13	32.2					17.9									1.00	
	Kameyama	0	ep		14	08.8					24.7									2.00	
8	Takamatsu	0	ep?	22	23	02.1					15.3									1.30	
9	Okayama	0	ep	00	26	12.0					14.0									1.10	広島縣北部
	Hiroshima	0	ep		26	12.8	-1	-1	(+)		10.5									1.10	N part of
	Takamatsu	0	ep		26	20.3					16.4									3.00	Hiroshima
	Matsuyama	0	epN		26	20.7					16.0									2.00	Pref.
	Saigo	0	ep?		26	21.6					16.0									1.40	35.0°N
	Kōchi	0	epN		26	27.5					20.2									1.00	133.0°E
	Tokushima	0	epE		26	28.8					21.5									1.30	D≒10km
	Sumoto	0	epH?		26	49.3					6.4									40	
	Osaka	0	e		27	07.4					16.4									3.00	
	Kameyama	0	e		27	29.6														1.00	
9	Hiroshima	0	ep	12	23	58.3			-2	10	12.1							1	30	00	ギリシャ方面
	Saigō	0	ep?		23	58.7				9	50.2							1	04	00	Greek
	Matsue	0	P		24	01.4				10	15.4							1	15	00	
	Kyōto	0	ep		24	01.5				10	30.0							1	20	00	
	Matsuyama	0	epN		24	02.6				10	12.0							1	06	40	
	Hamada	0	ep		24	03.0				10	08.1							1	18	00	
	Shimizu	0	ep?		24	03.3												1	12	00	
	Toyooka	0	ep		24	05.9				10	17.5							1	10	00	
	Takamatsu	0	ep		24	06.6				10	21.1							1	16	00	

Date	Station	SI	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Kōchi	0	eP_Z		24	06.8	u	u	u	10	26.2	180u	213u	197u	17.7s	16.6s	16.7s	1	18	00	
	Sumoto	0	eP_H		24	11.9				10	25.7							1	09	00	
	Hikone	0	eP		24	12.7				10	12.4							1	30	00	
	Kōbe	0	eP_H		24	12.8				10	23.4							1	50	00	
	Tokushima	0	eP_E		24	13.9				10	18.6							1	05	00	
	Kameyama	0	eP_E		24	14.7				10	20.8							1	30	00	
	Nagoya	0	eP_N		24	19.9					21.6								53	00	
	Owase	0	eP		24	27.5													5	00	
	Ōsaka	0	eP		24	28.7				10	07.1							1	00	00	
9	Himeji	0	eP_H	12	34	28.8				9	11.8							1	01	30	
	Owase	0	e		34	42.1													54	00	
9	Kameyama	0	eP	13	39	41.4					19.1								2	00	
	Hikone	0	P?		39	51.0					34.3								2	40	
	Nagoya	0	eP_E		40	15.4													3	00	
	Ōsaka	0	e		40	20.1													2	00	
9	Sumoto	0	eP_H?	23	03	38.6					44.7									20	
10	Wakayama	0	eP	00	29	56.3					0.7	4	5		–	–				10	
10	Wakayama	0	eP	03	43	49.9					1.2	3	6		–	–				18	
11	Nagoya	0	eP_E	03	26	33.6													2	10	
	Kameyama	0	e		26	53.7													3	00	
11	Hiroshima	0	e_{HE}	16	35	25.7					8.4									41	広島県東部
	Matsuyama	0	eP_E		35	26.2					12.0								1	00	E part of
	O Kayama	0	eP		35	26.3					8.7								1	00	Hiroshima
	Takamatsu	0	eP		35	28.5					10.0								2	00	Pref
	Kōchi	0	eP		35	31.0					13.5								1	00	
11	Wakayama	0	eP_N	22	21	00.0					13	16			–					40	
11	Wakayama	0	eP_N	23	37	19.1					37	4			–					40	
12	Nagoya	0	eP_E	23	27	23.9					50.9								6	50	
	Kameyama	0	eP		27	24.1				1	10.9								8	00	
	Hikone	0	P?		27	26.1				1	02.0								5	30	
	Ibukiyama	0	eP_N		27	41.5				1	23.0										
	Nara	0	eP		27	41.7				1	08.8								5	00	
	Ōsaka	0	eP_E		27	49.5					53.3								6	00	
	Tokushima	0	eP_E?		27	54.9				1	29.0								3	10	
	Takamatsu	0	eP?		27	57.5				1	40.9								5	00	
	Kyōto	0	eP		28	01.2					28.1								4	00	
	Toyooka	0	eN		29	02.6															
	Sumoto	0	eH		29	12.3													4	20	
13	Tokushima	0	eP_E	00	08	33.6				5	39.7								6	00	
	Kameyama	0	eP?		08	49.7				5	48.7								15	00	
	Hekone	0	P?		08	52.3													3	00	
14	Kameyama	0	e	01	13	52.6													5	00	
14	Murotomisaki	II	eP	01	19	28.1	+17	–	+62		6.8	110	112		–	–			3	00	紀伊水道
	Tokushima	0	LP		19	33.6					9.4								4	10	Kii Channel.
	Shionomisaki	0	LP		19	35.2	+2	+5			11.4								3	20	IV Honshu
	Wakayama	0	eP		19	35.4					12.1	73	37		–	–			1	50	334°N
	Sumoto	I	LP		19	36.9	-3	(-)	-1		13.3	13			0.4				6	00	1346°E Shallow
	Kōchi	0	LP		19	37.5					11.4								3	00	

Date	Station	SI	Pha	Time (J M T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Takamatsu	0	ep		19	38.5					12.0								3	00	
	Kōbe	0	epH		19	41.5					26.1								3	30	
	Okayama	0	ep		19	44.0					17.0								2	20	
	Himeji	0	epH		19	44.0					18.5								3	10	
	Shimizu	0	ep		19	44.3					25.9								2	50	
	Ōsaka	0	epΣ		19	45.4					20.9								4	00	
	Matsuyama	0	epE		19	46.7					19.0								3	00	
	Kyōto	0	ep		19	51.6					20.8								5	00	
	Nara	0	ep		19	51.7					24.0								5	00	
	Kameyama	0	ep		19	52.7					21.2								7	00	
	Hirashima	0	ep		19	52.9					23.7								2	10	
	Toyooka	0	eSE		19	55.1															
	Hikone	0	ep		19	57.0					25.9								4	00	
	Ibukiyama	0	epN		20	03.0															
	Nagoya	0	epE		20	06.4					25.3								5	00	
	Matsue	0	P		20	20.5					14.5								2	40	
	Hamada	0	eP		20	22.3					16.4								3	00	
14	Nagoya	0	epE	01	31	59.3													3	10	
	Hikone	0	P?		32	08.2					30.2								2	20	
14	Wakayama	0	epN	04	40	38.3					0.8	1			–					11	
14	Nagoya	0	epE	07	37	33.9					29.0								2	20	
	Kameyama	0	eP		37	43.4					24.4								2	00	
14	Owase	0	eP	09	43	07.1					8.8									51	
	Wakayama	0	eP		43	09.8					1.5	8	16		–	–				15	
14	Wakayama	I	eP	17	38	05.7					1.2	15	25		–	–				20	Local Shock
15	Tokushima	0	eN	07	10	03.2													4	20	
	Sumoto	0	epH		10	06.8				3	32.4								8	00	
	Kameyama	0	ep		10	20.0				3	46.9								15	00	
	Hikone	0	P		10	23.6				3	45.3								7	00	
	Nagoya	0	epE		10	28.5													7	00	
15	Wakayama	I	eP	10	54	47.4					1.1	9	10		–	–				15	Local Shock
15	Shionomisaki	0	eP?	21	54	04.0				1	19.5								8	00	
	Sumoto	0	epN		54	07.4				1	38.3								8	00	
	Owase	0	eP		54	07.7				1	23.4								5	40	
	Tokushima	0	eP		54	14.6	(+)	(+)		1	29.8								5	10	
	Kameyama	0	eP		54	15.3				1	27.9								9	00	
	Ibukiyama	0	epN		54	15.3				1	43.4										
	Shimizu	0	eP		54	16.1				1	29.4								4	50	
	Nagoya	0	epE		54	16.7				1	26.5								15	00	
	Ōsaka	0	eP		54	17.1				1	28.9								7	00	
	Hikone	0	P		54	17.4				1	26.5								6	00	
	Kyoto	0	eP		54	18.1				1	31.0								9	00	
	Kōchi	0	eP		54	20.9				1	24.0								5	00	
	Tabamatsu	0	ePE		54	21.0				1	33.7								6	00	
	Hiroshima	0	eP		54	26.5				1	42.8								5	50	
	Toyooka	0	eSH		56	02.2															
16	Nagoya	0	ePE	03	41	18.6													6	00	

Date	Station	SI	Pha	Time (J M T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							u	u	u			u	u	u	s	s	s				
	Hibone	O	eP		41	32.7													4	00	
	Kameyama	O	eP		42	06.5				1	10.7								7	00	
16	Nagoya	I	PE	05	32	17.3					5.6	33	33	8	02	02	–		6	00	
	Kameyama	I	eP		32	22.8	+2	(+)	+6		10.1	13	9	12	–	–	–		3	00	
	Ibukiyama	O	ePN		32	23.4					14.6										
	Hikone	O	P		32	25.3					11.3								2	20	
	Kyōto	O	eP		32	32.2					15.9								2	00	
	Owase	O	eP		32	35.3					15.1								1	10	
	Ōsaka	O	e		32	54.5													1	30	
	Sumoto	O	eH		33	03.7													1	20	
16	Wakayama	I	eP	06	41	06.1					0.8	27	19		–	–				15	Local Shock
16	Wakayama	I	eP	09	15	32.3					1.4	31	17		–	–				20	Local Shock
16	Wakayama	O	eP	10	10	54.1					1.4									18	
16	Hikone	O	eP	15	28	49.4														5 00	佐渡北西沖
	Ibukiyama	O	ePN		28	52.8					49.3										Off coast of
	Nagoya	O	eP E		29	00.4					47.3									6 10	Niigata Pref.
	Kyōto	O	eP		29	01.1					52.7									4 00	Central
	Kameyama	O	eP		29	04.2					50.3									7 00	Honshū
	Owase	O	e		29	15.0														3 20	
	Tokushima	O	ePN		29	15.0				1	24.6									3 50	
	Takamatsu	O	eP		29	15.1				1	24.0									5 00	
	Sumoto	O	eP N?		29	28.3					54.9									6 00	
	Ōsaka	O	eP?		29	38.0				1	04.0									6 00	
	Shionomisaki	O	eH		31	08.2														3 00	
17	Saigō	O	eP E	00	14	11.1				12	00.0									37 00	
17	Hamada	O	eP Z	00	13	39.4														44 00	ビルマ
	Owase	O	e		13	51.8														39 00	Burma
	Hiroshima	O	eP		13	59.0														48 00	
	Shimizu	O	eP		14	00.8														4 50	
	Murotomisaki	O	eP E		14	01.6				5	36.6	28	81		10.1	10.7				46 20	
	Matsuyama	O	eP N		14	02.2													1	15 40	
	Kōchi	O	eP		14	04.2				5	35.3	434 202	581		17.3 12.4	11.4				58 00	
	Tokushima	O	P		14	08.0				5	40.0									40 00	
	Toyooka	O	eH?		14	09.0													1	20 00	
	Kōbe	O	ePH?		14	09.4															
	Takamatsu	O	eP		14	10.1				5	02.6									56 00	
	Sumoto	O	eP?		14	12.7				5	42.1		29			11.5				50 00	
	Ibukiyama	O	eP E		14	14.9														20 00	
	Ōsaka	O	eP Z		14	17.2				5	35.9									38 00	
	Shionomisaki	O	eP		14	18.7				5	44.2	58	34	29	10.8	9.0	11.1			57 00	
	Hikone	O	eP		14	19.7				7	22.9								1	20 00	
	Kyōto	O	eP		14	20.7				6	09.6									50 00	
	Nara	O	eP		14	22.0														34 00	
	Kameyama	O	eP		14	24.9	-2			5	47.6		56			11.0				16 00	
	Nagoya	O	PE		14	30.2				5	49.2									26 00	
	Yonago	O	P		17	28.6														49 00	
	Himeji	O	eP N		18	13.5				8	43.7									42 00	
	Wakayama	O	e		26	48.6														25	

Date	Station	S.I	Ph	Time (JMT) h	m	S	Initial M N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Max. Amp Period N	E	Z	P~F h	m	S	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
17	Nagoya	0	ePE	10	00	11.6					33.7								2	00	
	Kameyama	0	eP		00	20.7					42.7								4	00	
	Hikone	0	P?		00	26.3					36.4								2	40	
17	Shimizu	0	P	16	41	08.6	+11	+3	(-)										23	50	
	Murotomisaki	0	eP		41	09.6				5	36.2								19	00	
	Kōchi	0	ePN		41	12.6				5	34.6								29	00	
	Matsuyama	0	ePN		41	14.3				5	38.0								19	00	
	Hiroshima	0	P		41	12.8	(-)		-5	5	44.7								26	00	
	Shionomisaki	0	P		41	18.2				5	36.0								26	00	
	Tokushima	0	ePN		41	18.3				5	43.8								15	00	
	Sumote	0	eP		41	20.7				5	41.2								24	00	
	Owase	0	eP		41	21.9				5	43.0								20	00	
	Takamatsu	0	eP		41	22.4				5	40.8								30	00	
	Hamada	0	P		41	24.1	+2	+5	-7	5	43.1								38	00	
	Himeji	0	ePH		41	24.6				1	48.6								24	40	
	Kōbe	0	ePH		41	26.2				5	41.9								50	00	
	Ōsaka	0	eP		41	26.3													30	00	
	Kameyama	0	eP		41	27.8	-2	-1	+1	5	51.1	53			31				32	00	
	Yonago	0	eP		41	28.1				1	47.6								15	50	
	Nara	0	eP		41	28.8				5	46.9								15	00	
	Toyooka	0	ePH		41	29.1				1	50.6								8	00	
	Kyōto	0	eP		41	29.9				5	46.9								28	00	
	Hikone	0	P		41	30.0				5	51.4								30	00	
	Ibukiyama	0	ePN		41	30.0					7.8										
	Nagoya	0	PN		41	33.8				5	44.0								13	00	
	Saigō	0	PH		41	35.7				5	55.1								10	00	
17	Tottori	0	ePN	22	58	26.1					1.8									5	
18	Takushima	I	LP	00	42	48.4	-2	-2			5.7	61	69		1.3	1.0			3	20	剣山附近
	Murotomisaki	0	eP		42	50.2	(-)	(+)	(+)		6.8								2	29	SE part of
	Takamatsu	0	LPN		42	51.6					8.4								3	00	Shikoku
	Kōchi	0	LP		42	51.8	+3	+9	-7		8.7								1	00	33.8°N
	Sumoto	0	P		42	54.5					10.9								3	00	134.2°E
	Okayama	0	eP		42	58.8					12.6								1	40	D ≒ 10Km
	Wakayama	0	eP		42	59.7					12.0	24	17		-	-			1	10	
	Matshuyama	0	LPE		43	01.9					16.0								2	30	
	Himeji	0	ePH		43	02.0					13.6								3	20	
	Kōbe	0	ePN		43	02.8					16.0								1	20	
	Hiroshima	0	eP		43	04.5					23.8								2	00	
	Shionomisaki	0	P		43	04.8					15.0								5	00	
	Shimizu	0	eP		43	07.0					20.5								2	20	
	Osaka	0	eP		43	07.1					9.6								3	30	
	Owase	0	eP		43	10.2					20.3								1	40	
	Kyōto	0	eP		43	13.0					21.7								3	00	
	Maizuru	0	eP		43	18.8					22.5									58	
	Kameyama	0	eP		43	19.6					29.7								3	00	
	Hikone	0	P		43	22.1					35.8								3	20	
	Nagoya	0	ePE		43	41.4					26.8								2	40	
18	Wakayama	0	eP	00	48	37.8					0.8	6	2		-	-				15	

Date	Station	S1	Phs	Time (J.M.T) h	m	S	Initial M N	E	Z	P~S m	S	Max Amp Amp N	E	Z	Max Amp Period N	E	Z	P~F h	m	S	Remarks
							u	u	u			u	u	u	s	s	s				
18	Hiroshima	0	e	09	35	29.2													3	20	
18	Shimizu	0	ep	15	26	38.7				5	37.6								35	20	
	Murotomisaki	0	ef		26	43.3	(+)	(+)	(+)	5	42.8	42	53		55	56			38	20	ボルネオ方面
	Matsuyama	0	epN		26	44.1				5	46.0								37	30	Borneo
	Kōchi	0	epN		26	46.1	+2			5	42.6								44	00	region
	Hiroshima	0	ep		26	46.1	+2		+5	5	48.8	60		29	63		9.0		51	00	
	Shionomisaki	0	ep		26	46.4				5	44.2	43	35		56	55			41	00	
	Tsurugiyama	0	ep		26	50.6													11	10	
	Wakayama	0	ep		26	51.1				5	52.6								42	00	
	Tokushima	0	ep		26	51.8	+2	+1		5	45.8								37	00	
	Owase	0	ep		26	52.0				5	50.6								31	00	
	Takamatsu	0	ep		26	53.5				5	52.9								1	03	00
	Sumoto	0	PH		26	54.0				5	47.5								43	06	
	Hamada	0	P		26	55.2	+2	+2	+3	5	54.9								1	13	00
	Kōbe	0	epH		26	55.9				5	57.8								1	40	06
	Osaka	0	epH		26	56.5				5	55.1	184	99	44	46	51	31		29	06	
	Himeji	0	epH		26	57.1				5	53.1								33	00	
	Nara	0	ep		26	58.2				5	53.0								31	00	
	Kameyama	0	ep		26	59.6	+5			5	33.9	175	113		49	57			1	14	00
	Ibukiyama	0	epN		26	59.7															
	Hikone	0	P		27	02.1	(+)		(+)	5	55.5	88			46				1	05	00
	Toyooka	0	epNZ		27	02.3				5	57.4										
	Nagoya	0	epN		27	03.0				5	55.7	94	45	21	50	30	30		27	00	
	Kyoto	0	ep		27	03.3				5	51.2								1	07	00
	Yonago	0	ep		27	06.2				5	55.3								48	10	
	Tottori	0	epN		27	06.9	(+)	(-)		5	51.1								12	50	
	Saigō	0	P		27	11.0				5	53.0								22	00	
19	Wakayama	I	ep	00	48	02.5					0.4	6	4		-	-				15	Local Shock
19	Takamatsu	0	ep	04	22	23.8					6.2								1	30	
	Murotomisaki	0	ep		23	20.5					5.3									40	
19	Murotomisaki	0	ep	10	43	26.4					1.8									33	
19	Kōchi	0	ep	14	52	10.1	2	+4			1.6									10	
	Murotomisaki	0	ep		52	19.7					6.8									51	
19	Murotomisaki	0	ep	17	40	20.2					6.2									40	
19	Murotomisaki	0	ep	17	43	34.1					7.6									36	
20	Shimizu	0	e	05	45	48.3															
	Kōchi	0	ep		45	56.4				4	00.4								7	00	
	Murotomisaki	0	e		46	07.7													1	50	
	Takamatsu	0	ep		46	11.5				3	59.3								10	00	
	Tokushima	0	e		46	14.0													2	40	
	Sumoto	0	eH		46	16.9													10	00	
	Kameyama	0	ep		46	20.4	(-)		(-)	4	21.0								14	00	
	Hikone	0	P		46	21.3				4	35.9								8	00	
	Nagoya	0	epN		46	36.2				7	00.0								7	40	
	Ōsaka	0	ep		46	37.6													8	00	
21	Kameyama	0	e	02	40	44.3													7	00	
21	Wakayama	0	e	10	57	26.7															
21	Wakayama	0	e	12	06	59.8															

Date	Station	SI	Pha	Time (J.M.T) h	m	S	Initial M N	E	Z	P ~ S m	S	Max Amp Amp N	E	Z	Max Amp Period N	E	Z	P ~ F h	m	S	Remarks
21	Murotomisaki	0	eP	16	01	42.0	u	u	u		1.0									55	
21	Murotomisaki	0	eP	23	50	45.9	(-)	(-)	(+)		5.7									51	
	Takamatsu	0	eP		50	55.9					23.8									3.00	
21	Kameyama	0	ePN	23	54	37.2				2	53.1									5.00	
	Nagoya	0	ePE		54	38.4				eE2	54.7									5.40	
	Hikone	0	P		54	39.4				2	47.1									6.00	
	Kyōto	0	eP		54	42.7				e2	50.0									5.00	
	Ōsaka	0	e		54	47.9														5.20	
	Takamatsu	0	eP		54	54.6				2	58.1									5.00	
	Matsuyama	0	ePN		55	01.4				e3	03.5										
	Kōchi	0	eP		55	02.2				2	52.2										
22	Shimizu	0	e	00	41	48.0															
	Kōchi	0	eP		42	09.0				7	51.8									39.00	
	Takamatsu	0	eP		42	11.5				7	43.9									38.00	
	Sumoto	0	eH		42	14.6														35.00	
	Kameyama	0	eP		42	24.3		(+)		8	04.5									39.00	
	Kōbe	0	eE		51	14.2															
22	Toyooka	0	e	01	04	~															
22	Nagoya	0	ePE?	01	12	28.7														3.50	
22	Nagoya	0	ePE	04	12	39.9														2.30	
	Kameyama	0	eP		12	48.8					46.3									4.00	
22	Kameyama	0	eP	07	13	30.6				1	11.7									5.00	
	Nagoya	0	ePE		13	34.8														3.40	
22	Kyoto	0	eP	12	15	46.8					1.7									1.00	
	Kameyama	0	e		16	06.9														1.00	
22	Murotomisaki	0	eP	16	50	47.9					1.8									24	
22	Tottori	0	ePN	19	50	56.4					2.2									4	
22	Kameyama	0	eP	22	16	25.1					58.4									5.00	
	Nagoya	0	ePE		17	00.8														2.10	
23	Murotomisaki	0	eP	03	50	49.8					12.4									43	
23	Kameyama	0	eP	18	20	41.1					54.0									7.00	
	Nagoya	0	ePN		20	41.4														4.30	
	Hikone	0	eP		20	42.7														5.00	
	Kyōto	0	eP		20	46.4														4.00	
	Ōsaka	0	e?		20	47.5														5.00	
23	Tokushima	0	iSN	23	48	48.8														35	
	Takamatsu	0	eP		48	50.4					13.9									2.00	
	Kameyama	0	eP		48	54.2					20.9									1.00	
	Shionomisaki	0	S		48	54.3														30	
23	Wakayama	0	eP	23	49	20.2					3.0	10	9		-	-				35	
24	Nagoya	0	ePN	02	33	16.8					13.8									55	
24	Kameyama	0	eP	03	33	26.8					20.0									2.00	
24	Wakayama	0	eP	04	20	16.0					1.8	12	6		-	-					
24	Wakayama	I	eP	04	20	36.8					1.9	85	105		-	-				50	和歌山附近
	Murotomisaki	0	eP		21	11.9	(-)	(+)	(-)		2.6									41	Near
	Sumoto	0	iPH		21	40.3	(±)	(±)			4.0									1.20	Wakayama
	Tokushima	0	iP		21	43.7	-2	-2			6.6									2.20	
	Takamatsu	0	eP		21	44.5					21.1									3.00	

Date	Station	S.I	Ph	Time (J.M.T.) h	m	S	Initial M N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
	Shionomisaki	0	S		22	02.5													1	10	
	Matsuyama	0	ePN		22	09.5					26.5								1	50	
24	Yonago	0	eP	04	57	33.9					2.9										
24	Kameyama	0	e	07	00	28.5													15	00	
24	Owase	0	eP	16	52	50.7					3.8								32	00	
	Kameyama	0	eP		53	02.5					9.3								1	00	
24	Shionomisaki	0	eP	22	01	33.1		-21		SN	56.4								6	00	
										SE	59.3										
	Owase	0	eP		01	35.3					1.00.7								5	00	
	Kameyama	0	P		01	42.0	-1	+1	+1		1.06.3								15	00	
	Ōsaka	0	ePN		01	43.2					1.08.8	56	41		32	30			10	00	
	Nara	0	eP		01	43.2					1.03.5								7	00	
	Sumoto	0	eP		01	43.6					1.08.1								11	00	
	Tokashima	0	eP		01	43.8					1.06.8								5	40	
	Nagoya	0	PN		01	43.9					1.06.4	64	95	20	31	30	10		9	30	
	Shimizu	0	eP		01	44.2					1.11.6								5	20	
	Kōbe	0	eP		01	44.9					1.08.3								10	00	
	Ibukiyama	0	eP		01	45.4					1.10.2										
	Kyōto	0	eP		01	46.2					1.04.9								6	00	
	Kōchi	0	eP		01	46.6					1.07.6								5	00	
	Hikone	0	P		01	47.5	(+)	(-)	(+)		1.07.7								6	00	
	Takamatsu	0	eP		01	47.5					1.12.5								6	00	
	Toyooka	0	eP		01	52.2					1.10.6								8	00	
	Matsuyama	0	eP		01	53.5					1.15.5								7	40	
	Hiroshima	0	eP		01	57.5	(-)	(-)	+2		1.13.7								6	40	
	Matsue	0	P		02	01.6					1.23.5								8	30	
	Himeji	0	eP		02	05.9					8.0								6	00	
24	Nagoya	0	eP	23	01	46.8					37.3								9	30	房総半島南東沖
	Owase	0	eP		01	52.3					43.5								3	40	SE off Bōsō
	Hikone	0	P		01	55.0													5	00	Pen.,
	Ibukiyama	0	eP		01	56.1															Central
	Kameyama	0	eP		01	56.3					46.1								9	00	Honshu
	Nara	0	eP		01	56.9													4	00	
	Kyōto	0	eP		01	59.8					42.0								4	00	
	Ōsaka	0	eP		02	00.2													6	00	
	Shionomisaki	0	eS		02	01.9													4	00	
	Sumoto	0	eH		02	07.4													5	30	
	Tokushima	0	eP		02	12.1					1.32.7								3	40	
	Takamatsu	0	eP		02	18.2					1.28.0								6	00	
	Kōchi	0	eP		02	24.6															
25	Kameyama	0	eP	04	03	24.4					5.23.3								17	00	
	Tokushima	0	eE		03	24.5													2	40	
25	Kameyama	0	eP	12	25	05.5					36.1								3	00	
	Takamatsu	0	eP		26	13.8					43.1								3	00	
25	Kameyama	0	eP	20	02	14.8					17.1								2	00	
26	Tokushima	0	eP	04	49	19.4					5.1									40	四国南東部
	Kōchi	0	eP		49	20.6					12.6									40	SE part of
	Murotomisaki	0	eP		49	20.9					4.4									47	Shikoku
	Takamatsu	0	eP		49	23.3					7.9								1	40	

Date	Station	SI	Ph	Time (JMT) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							u	u	u			u	u	u	s	s	s				
	Sumoto	0	ePH		49	31.2					53									40	
26	Matsuyama	0	ePE	11	05	48.6					8.0								1	00	
26	Kameyama	0	e	11	08	35.9													1	00	
26	Hiroshima	0	ep	14	22	48.8					83									20	
	Takamatsu	0	ep		22	49.6					92								2	00	
	Kōchi	0	ep		23	06.8															
26	Hikone	0	ep	15	15	02.7				1	25.6								5	00	
	Nagoya	0	ePE		15	05.0				eN 1	13.0								6	10	
	Ōsaka	0	e		17	09.8													3	00	
26	Murotomisaki	0	ep	16	07	19.2					6.6									42	
26	Nagoya	0	ePE	16	58	08.1													2	10	
26	Nagoya	0	ePE	23	04	48.1													1	30	
27	Wakayama	0	ePN	01	54	54.3					07	10			–					15	
27	Nagoya	0	ePE	11	07	52.3					34.3								2	30	
27	Wakayama	0	e	13	08	50.4													13	00	
27	Wakayama	I	ep	23	25	44.5					4.6	21	19		–	–				50	
	Sumoto	0	eP		25	47.9					6.4								2	10	和歌山縣
	Tokushima	0	eP		25	48.5	-1	-2			6.1								1	50	御坊附近
	Shionomisaki	0	P		25	53.9	-3	-6			8.8								1	40	W coast of
	Takamatsu	0	ep		25	55.2					14.4								3	00	Wakayama
	Kōbe	0	ePN		25	55.4					10.8								1	20	Pref
	Owase	0	eP		25	55.7					13.0								1	30	{ 33.9°N
	Murotomisaki	0	ep		25	56.3					11.9									37	{ 135.1°E
	Ōsaka	0	ep		26	00.8					7.5								1	00	{ D ≒ 20Km
	Okayama	0	ep		26	02.4					14.6								1	10	
	Kōchi	0	ep		26	03.3					16.3									35	
	Kyōto	0	ep		26	04.7					15.1								2	00	
	Kameyama	0	ep		26	06.6					21.0								2	00	
	Matsuyama	0	ePN		26	13.7					24.0								2	00	
	Nagoya	0	ePE		26	30.4					7.3								2	30	
28	Matsuyama	0	LPN	09	01	38.9					6.0								2	10	安藝灘
	Hiroshima	I	ep		01	40.0	(-)	(+)	-3		6.9	13	19	8	02	02	02			52	Central Part
	Kōchi	0	ep		01	48.0					12.6								1	00	of Inland Sea
	Tokushima	0	ePE?		02	02.2					11.1								1	40	(Setonaikai)
30	Kameyama	0	ep	07	04	44.2					48.1								2	00	
30	Hikone	0	ep	12	48	12.6													3	20	
	Nagoya	0	ePE		48	13.6													4	00	
	Kameyama	0	ep		48	17.6					51.3								4	00	
30	Kōchi	0	ep	20	25	38.1				1	58.9								8	00	
	Tokushima	0	e		25	45.0													1	20	
	Sumoto	0	eH		25	49.0													9	00	
	Kyōto	0	e		25	58.1													2	00	
	Kameyama	0	e		26	19.4													1	00	
30	Kameyama	0	e	23	48	22.5													3	00	
	Nagoya	0	ePE		48	28.6													5	50	
31	Wakayama	0	ep	11	45	26.1					1.2	5	9		–	–				25	
	Addition (追加)																				
9	Murotomisaki	0	ePH	12	24	19.7					10	13.6							1	10	00	

International Seismological Centre

31年7月

Report of Earthquakes
地震観測表（地震計なき官署の分）（No Seismometer）

July 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japanease			h	m
1	Gobō	御坊	Wakayama	Ⅱ	16	44
1	Tadono	田殿	〃	Ⅰ	22	40
2	Teragaito	寺垣内	Nara	Ⅱ	05	09
3	Ōuda	大宇陀	〃	Ⅰ	18	40
4	Iwade	岩手	Wakayama	Ⅱ	19	10
	Higashinokami	東野上	〃	Ⅱ	19	—
	Kōyasan	高野山	〃	Ⅰ	19	10
	Tadono	田殿	〃	Ⅰ	19	10
5	Higashinokami	東野上	〃	Ⅰ	18	10
6	Gobō	御坊	〃	Ⅱ	20	43
7	Kawai	河合	Nara	Ⅰ	17	04
8	Takano	高野	Hiroshima	Ⅱ	14	14
8	Hinokami	日野上	Tottori	Ⅰ	20	~
8	Shōbara	庄原	Hiroshima	Ⅰ	22	23
9	Toyosaka	豊栄	〃	Ⅱ	00	20
	Shōbara	庄原	〃	Ⅰ		26
	Mitsugi	御調	〃	Ⅰ		28
11	Fuchū	府中	〃	Ⅱ	16	32
	Seranishi	世羅西	〃	Ⅱ		35
	Kōchi	河内	〃	Ⅰ		35
	Kure	呉	〃	Ⅰ		36
	Matsunaga	松永	〃	Ⅰ		36
	Takehara	竹原	〃	Ⅰ		36
11	Tadono	田殿	Wakayama	Ⅰ	23	05
12	Tadono	田殿	〃	Ⅰ	07	05
14	Hiwasa	日和佐	Tokushima	Ⅲ	01	19
	Kawanishi	川西	〃	Ⅲ		20

International Seismological Centre

Date	Station		Prefecture	S.I	Time	
	Roman	Japanease			h	m
	Shishikui	宍喰	〃	Ⅱ		35
18	Hiwasa	日和佐	〃	Ⅱ	00	43
	Saidaiji	西大寺	Okayama	Ⅰ		43
	Toyosaka	豊栄	Hiroshima	Ⅰ		45
20	Gobō	御坊	Wakayama	Ⅱ	15	37
23	Tadono	田殿	〃	Ⅰ	11	48
24	Tadono	田殿	〃	Ⅰ	01	38
24	Tadono	田殿	〃	Ⅱ	04	24
26	Tanabe	田辺	〃	Ⅱ	08	33
	Shirahama	白浜	〃	Ⅱ		34
	Tadono	田殿	〃	Ⅰ		44
	Matsunaga	松永	Hiroshima	Ⅰ	14	22
	Mitsugi	御調	〃	Ⅰ		23
	Kōchi	河内	〃	Ⅰ		24
	Kōzan	甲山	〃	Ⅰ		26
27	Tadono	田殿	Wakayama	Ⅰ	23	27
28	Kōchi	河内	Hiroshima	Ⅰ	09	00
	Kure	呉	〃	Ⅰ		02

International Seismological Centre

7月地震回数表 Number of Earthquakes

July 1956

Station \ S.I.	0	I	II	III	IX	total
Kinki Area (近畿地方)						
Hikone	25	–	–	–	–	25
Himeji	7	–	–	–	–	7
Idukiyama	11	–	–	–	–	11
Kōbe	9	–	–	–	–	9
Kyōto	19	–	–	–	–	19
Maizuru	1	–	–	–	–	1
Nara	7	–	–	–	–	7
Ōsaka	21	–	–	–	–	21
Shionomisaki	12	–	–	–	–	12
Sumoto	24	1	–	–	–	25
Toyooka	10	–	–	–	–	10
Wakayama	21	10	2	–	–	33
Chūgoku Area (中国地方)						
Hamada	7	–	–	–	–	7
Hiroshima	14	1	–	–	–	15
Matsue	5	–	–	–	–	5
Obayama	5	–	–	–	–	5
Saigō	6	–	–	–	–	6
Tottori	4	–	–	–	–	4
Yonago						
Shikoku Area (四国地方)						
Kōchi	23	–	–	–	–	23
Matsuyama	16	–	–	–	–	16
Murotomisaki	23	–	1	–	–	24
Shimizu	10	–	1	–	–	11
Sukumo	–	–	1	–	–	
Takamatsu	31	–	–	–	–	31
Tokushima	27	1	–	–	–	28
Uwajima	–	1	–	–	–	

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International Seismological Centre

大阪管区

地震月報

昭和31年8月

The Monthly Report of Earthquakes

August **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,
LIBRARY
SEISMOLOGICAL OBSERVATORY.

大阪管区気象台

The Osaka
District Meteorological Observatory
Japah

昭和31年8月　　August 1956

地震観測表　Seismological Report

Date	Station	SI	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp. Amp P N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
1	Wakayama	0	eP	03	07	24.7					14	15	16							30	
	Sumoto	0	eP_H		07	28.8					25									15	
1	Wakayama	II	eP	07	02	47.1					09	43	126						1	10	和歌山附近
	Sumoto	C	eP_H		02	51.8					33									20	Near Wakayama
2	Kyōto	0	eP	16	21	02.8													3	00	国後島南部
	Kameyama	0	eP		21	03.7				2	39								6	00	E off
	Nagoya	0	eP_E		21	15.7				2	14.7								5	00	Hokkaido
2	Nagoya	0	eP_E	17	07	14.6													2	00	
3	Kōchi	0	eP	01	14	03.5					06									10	
3	Tokushima	0	iS	02	05	03.9														30	
3	Nagoya	0	eP_E	08	53	38.2					55.9								2	40	
3	Matsuyama	0	eP_N	12	14	25.6					13.5									10	
4	Wakayama	0	eP	10	53	28.7					8.2	10	10		—	—				40	徳島附近
	Tokushima	0	eP		53	29.9					07								1	10	E part of
	Sumoto	0	eP_H		53	31.0	-2	+1			9.4									50	Shikoku
	Muroto misaki	0	eP		53	32.0					98								1	00	
	Kameyama	0	eP		53	32.6					33.3								2	00	
	Takamatsu	0	eP		53	40.6					7.0								2	00	
	Owase	0			53	50.8														31	
4	Kyōto	I	eP	18	05	18.9					2.7	30	17		—	—			1	00	京都府南部
	Osaka	0	eP		05	23.8					28									40	S part of
	Kameyama	0	eP		05	29.4					9.2								2	00	Kyoto Pref
4	Shionomisaki	0	eS	19	23	54.6														20	
	Kyōto	0	e		24	22.2													2	00	
	Kameyama	0			24	26.4															
5	Shimizu	0	eP	00	48	10.8					40.2								4	50	
	Matsuyama	0	eP_N		48	22.5					41.0								4	00	
	Hiroshima	0	eS		48	28.2													5	20	
	Kōchi	0	eP		48	31.1					28.4								4	00	
	Tokushima	0	eP_E?		48	31.7				1	23.3								3	00	
	Takamatsu	0	eP		48	42.4				1	3.2								5	00	
	Sumoto	0	eH		49	19.3													5	00	
	Toyooka	0	e		49	45.3															
	Kameyama	0	eP		49	46.0				1	0.2								6	00	
	Kyōto	0	eP		49	54.7					40.1								3	00	
	Osaka	0	eP?		49	55.5													5	00	
	Nagoya	0	eP_N?		50	58.6													2	30	
5	Wakayama	0	eP	00	56	08.0					1.0	6	6		—	—				15	
5	Kameyama	0	eP	04	18	18.4					51.6								5	00	
5	Wakayama	II	eP	06	33	57.6					0.9	280	250		—	—			3	00	和歌山附近
	Sumoto	C	iP		34	01.5	+3	-3			3.3								2	00	NE coast of
	Tokushima	0	iP		34	08.5					7.0								1	30	Wakayama
	Takamatsu	0	eP		34	13.1					15.8								2	00	Pref

Date	Station	SI	Pha	Time (J.M.T) h m s	Initial M N E Z	P~S m S	Max. Amp Amp N E Z	Max. Amp Period N E Z	P~F h m s	Remarks
	Ōsaka	0	eP	34 16.4					3 00	
	Kameyama	0	eP	34 21.5		1 7.8			2 00	
	Kyōto	0	eP	34 21.9		99			1 00	
	Muroto misaki	0	eP	34 22.4		1 6.2			49	
	Shionomisaki	0	eS	34 27.6					1 00	
	Kōchi	0	eP	34 30.0		14.9			1 00	
5	Nagoya	0	eP_E	10 58 32.3					2 50	
5	Hikone	0	eP	18 11 09.0					6 00	
	Kyōto	0	eP	11 15.3		1 44.3			5 00	
	Nagoya	0	eP_E	11 18.2		1 53.0			8 10	
	Kameyama	0	eP	11 28.4		1 35.0			13 00	
	Ōsaka	0	eP	11 38.1		2 3.0			8 00	
	Tokushima	0	e	11 50.9					3 50	
	Sumoto	0	2_H	12 00.6					6 20	
	Kōchi	0	2	14 36.8					2 00	
6	Hikone	0	eP	23 47 01.5		1 47			4 00	鈴山沖
	Kameyama	0	eP	47 01.7		1 30.9			7 00	E off
	Nagoya	0	eP_E?	47 02.7		1 03			5 20	Miyagi
	Kyōto	0	eP	47 08.1		1 41			4 00	Pref
	Ibukiyama	0	eP_N	47 48.9						N Japan
7	Takamatsu	0	eP	02 25 08.0		2 21.9			5 00	
	Tokushima	0	eP	25 10.8	(+) (+)				4 00	
	Sumoto	0	eP_H	25 11.8					5 00	
	Kōchi	0	eP	25 16.6					4 00	
	Kyōto	0	e	25 22.8					2 00	
	Kameyama	0		25 38.8					7 00	
7	Ibukiyama	0	eP	17 01 26.9						
8	Owase	0		00 22 39.2		42			39	
8	Wakayama	0	eP	02 06 38.2		04	4.5	- -	10	
8	Nagoya	0	eP_E	15 32 59.4					2 20	
8	Nagoya	0	eP_E	17 12 29.5					20	
9	Wakayama	I	eP	03 46 33.5		08	124.59	- -	1 20	和歌山附近
	Sumoto	0	eP	46 38.5	+1 -1	31			3 10	Near
	Tokushima	0	eP	46 42.5		62			2 10	Wakayama
	Owase	0		46 42.7		2 1.4			1 20	
	Takamatsu	0	eP	46 49.9		15.1			2 00	
	Ōsaka	0	eP	46 52.9					1 30	
	Kyōto	0	eP	46 55.1		1 5.8			2 00	
	Kōchi	0	eP	47 01.8		1 7.2			1 00	
	Kameyama	0	eP	47 01.8		6.1			2 00	
	Shionomisaki	0		47 02.6	-3 -1				1 00	
	Matsuyama	0	eP_N	47 10.6		2 3.5			1 10	
	Muroto misaki	0	eP	47 11.6		22			37	
10	Nagoya	0	eP_E	00 15 02.9		31.7			6 10	茨城県南部
	Owase	0		15 12.0					3 00	S part of
	Hikone	0	eP	15 12.3		1 0.9			4 00	Ibaraki
	Kameyama	0	eP	15 14.1		3 9.9			7 00	Pref.,
	Kyōto	0	eP	15 27.1		5 2.0			3 00	Central Japan

Date	Station	SI	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max·Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Ōsaka	0	eP		15	54.7					29.5								3	00	
10	Nagoya	0	eP_E	00	25	42.7													2	30	茨城県南部 S part of Ibaraki Pref.
	Kameyama	0	eP		26	02.1					39.2								3	00	
10	Sukumo	III	iP	05	35	10.0					0.9	120	240		–	–			3	40	日向灘
	Shimizu	III	iP		35	13.7	-1	-3	-5		1.3	142	117	117	–	–	22		11	00	off E coast
	Uwajima	I	iP		35	13.9					9.3	375	307		–	–			4	30	of
	Matsuyama	0	eP_N		35	23.9					20.1	160	127	44	0.8	0.8	1.0		6	50	Kagoshima
	Kōchi	0	iP_2		35	27.1					21.5			24			41		5	00	Pref..
	Hiroshima	0	eP		35	32.9					23.7								7	20	S Japan
	Murotomisaki	0	eP		35	33.7	(–)		(–)		23.7								3	40	
	Hamada	0	eP		35	39.0					32.3								9	00	
	Okayama	0	eP		35	40.7					28.2								3	40	
	Tokushima	0	eP_E		35	40.8					34.6								5	30	
	Takamatsu	0	eP		35	41.1					32.0								5	00	
	Tottari	0	eP		35	50 –					41.0								2	10	
	Sumoto	0	P		35	53.0					35.8								8	00	
	Yonago	0	P		35	54.6					38.2								3	10	
	Himeji	0	eP_H		35	56.2					41.5								8	10	
	Shionomisaki	0	eP		35	56.4					48.0								4	30	
	Kyōto	0	eP		35	57.9					51.5								4	00	
	Kōbe	0	eP_E?		36	01.6					46.5								10	00	
	Hakone	0	eP		36	04.2				1	12.5								5	30	
	Nara	0	eP		36	07.7													5	00	
	Toyooka	0	eP		36	08.4					47.1								4	00	
	Kameyama	0	eP		36	09.3				1	2.1								9	00	
	Ōsaka	0	eP		36	09.5					41.5	63			41				9	00	
	Owase	0			36	10.5					50.4								3	50	
	Nagoya	0	eP_E		36	15.4				1	5.6								8	00	
	Saigō	0	eP?		36	22.0					34.0								2	00	
10	Nagoya	0	eP_E	06	23	23.5					59.4								4	50	
	Kameyama	0			24	01.4													7	00	
	Kyōto	0	eP		24	07.3				3	19.2								5	00	
10	Owase	0		08	11	20.2													13	00	トンガ 諸島
	Hamada	0	eP		11	21.6				9	14.6								41	00	Tonga Is.
	Nagoya	0			11	21.6													6	50	Region
	Kameyama	0	eP		11	21.9	(+)	(–)	(–)	8	4.0.0								21	00	
	Hakone	0	eP		11	22.7													15	00	
	Sumoto	0	iP		11	25.7	-2	(–)	(+)	8	45.2								18	00	
	Kōbe	0	eP_H		11	26.0													35	00	
	Ōsaka	0	eP		11	26.9				e 8	42.2								15	00	
	Kyōto	0	eP		11	27.6													15	00	
	Tokushima	0	eP		11	28.2				8	41.0								12	00	
	Kōchi	0	eP		11	28.9				8	48.2								15	00	
	Hiroshima	0	eP		11	31.7				8	57.7								21	00	
10	Hiroshima	0	e	09	47	56.3														45	
10	Wakayama	0	eP	13	45	20.2					1.1	17	7							25	
	Sumoto	0	eP?		45	25.3					2.5									20	
10	Owase	0		18	32	08.8					2.2									17	

Date	Station	SI	Pha	Time (J M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max · Amp Amp N	E	P	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
10	Matsuyama	0	eP_N	18	35	55.4					13.0								2	20	
	Kōchi	0	eP		36	06.4					15.2								1	10	
	Takamatsu	0	eP		36	11.2					22.1								2	30	
	Tokushima	0	eP_E		36	16.2					24.8								1	30	
	Kameyama	0	eP		36	40.3					42.2								2	00	
	Nagoya	0	eP_E		37	25.8													1	10	
	Shimizu	0	P		36	00.9	(-)				16.6								2	00	
10	Kameyama	0	eP	19	31	37.0					51								2	00	
10	Tokushima	0		21	03	33.														35	
10	Wakayama	I	eP		51	36.8					1.0	5	3		-	-				25	Local Shock
11	Wakayama	I	eP	00	42	58.6					1.6	9	13		-	-				40	Local Shock
11	Shimizu	0	eP	03	10	52.7	-4	-6	+8		53								1	10	高知県西部
	Kōchi	0	eP		10	57.2					81									50	SW part of
	Murotomisaki	0	eP		10	59.5					12.0								1	00	Shikoku
11	Kyōto	0	eP	11	10	13.2					7.2								1	00	
11	Owase	0		11	24	54.4													3	00	
11	Hamada	0	eP	16	50	54.8					8.0									42	
	Hiroshima	0	eP_E		50	56.8					10.2									46	
	Takamatsu	0	eP_H		51	13.1													1	30	
	Tokushima	0	eP_E		51	18.5													1	20	
11	Toyooka	0		23	21	—					7.2										兵庫県中部
	Kyōto	0	eP		21	12.6					6.0								3	00	central part
	Maizuru	0	eP		21	14.4					6.0								1	10	of Hyōgo
	Himeji	0	eP_H		21	14.9					6.7								2	00	Pref
	Ōsaka	0	eP		21	14.9					6.5								3	00	
	Kōbe	0			21	15.0															35.1° N
	Nara	0	eP		21	17.6					7.2								3	00	135.2° E
	Wakayama	0	e		21	18.7													2	00	D≒20 Km
	Sumoto	0	eP		21	19.0					10.3								1	30	
	Matsuyama	0	eP_E		21	20.4													2	20	
	Hikone	0	P		21	20.7		(-)	(-)?		12.4								3	20	
	Tottori	0	P_N		21	23.1	(+)	(-)			12.7									48	
	Tokushima	0	eP_N		21	23.9					17.3								3	30	
	Kameyama	0			21	24.2	(+)	(-)	-4		13.4								6	00	
	Takamatsu	0	eP		21	28.1					15.3								4	00	
	Owase	0			21	28.8					15.0								1	30	
	Nagoya	0	P_E		21	31.5					18.4								4	10	
	Murotomisaki	0	eP		21	44.6					23.6								1	30	
	Ibukiyama	0	eP_N		21	45.0															
	Kōchi	0	eP_E		21	49.0					19.2								1	00	
	Hiroshima	0	eP_H		22	04.9					13.3								1	20	
12	Okayama	C	P	23	21	28.6	(+)	(+)			16.0								1	10	
13	Hikone	0	P?	01	47	40.6													4	00	
	Nagoya	0	eP_E		47	49.7					48.6								4	20	
	Kameyama	0			48	05.3													4	00	
13	Owase	0		02	00	00.6	-07	-25			27.4	144	209	194	93	85	69		34	00	
	Nagoya	II	eP_E		00	06.6			+6		27.4	600	600	300	43	22	14		35	00	
	Kameyama	I			00	09.6	+3	-3	-21		27.0	453	377	236	-	-	-	1	-	-	

Date	Station	SI	Pha	Time (J.M.T.) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Shionomisaki	I	P_{11}		00	12 3	-4	-5	+7		32.0	25	23	34	8.0	7.6	6.1		46	00	伊豆半島沖
	Ibukiyama	I	eP_N		00	14 5	(-)	(+)			32.7	56	42		2.7	1.6					S off
	Hikone	0	P		00	15.0	+11	-10	+10		33 3	410	490	230	1.4	1.6	3.2	1	30	00	Izu Pen.,
	Nara	I	eP		00	15.7	+33	-74			34.8	445	440		3.6	4.5			28	00	Central
	Kyōto	I	eP		00	20 1	+5	-13	+9		359	380	187	103	8.5	2.6	3.7		40	00	Japan
	Ōsaka	C	eP		00	20.6	+70	-165	+125		35.8	1250	1950	336	5.9	6.6	4.8		15	00	
	Wakayama	C	eP		00	22.9	-2	+10	+2		540								18	00	
	Kōbe	I	eP_H		00	24.3	+20	-30			48.4							1	10	00	
	Maizuru	0	eP		00	25.3					368								22	00	
	Sumoto	I	eP_H		00	26.7	+1	-7			37.1	130	75		7.7	6.2			42	00	
	Tokushima	0	P		00	28.0					45.0	205	110		6.5	6.5			22	00	
	Himeji	I	eP_H		00	30.2					40.0	170			9.3				30	00	
	Toyooka	0	eP		00	30.4	(+)	(-)	(+)		43.7	205	138	126	8.7	6.8	7.5		41	00	
	Sakamatsu	0	eP_E		00	34.0					46.3	348	198		9.8	8.8			40	00	
	Muroto misaki	0	eP		00	35.6	(+)	(-)	(+)		45.8	65	194	61	6.8	9.2	8.1		39	00	
	Tottori	0	eP_N		00	39.3	(+)	(-)			51.3	207	124		3.2	2.5			21	00	
	Kōchi	0	eP		00	41.4				1	1.0	570	365	354	10.1	7.8	9.0		44	00	
	Shimizu	C	P		00	49.8	(-)	-1	+2	1	14.9	57	99	47	9.6	8.6	8.2		44	00	
	Matsuyama	0	eP_N		00	49.8				1	6.4	375	258	200	7.7	8.1	8.1		45	00	
	Matsue	C	P		00	52.2	-70	+90		1	24.7								40	00	
	Yonago	0	eP		00	52.5					51.2	320			11.2				40	00	
	Saigō	C	eP_H		00	53.5				1	22.0								24	00	
	Uwajima	0	P		00	53.9				2	27.7								15	00	
	Hiroshima	0	eP		00	56.3	-2	+3		1	4.8	14	8	8	7.4	8.3	6.4		44	00	
	Hamada	0	P		00	58.3				1	8.6	128	69		9.5	8.2			52	00	
	Sakurao	0	eP		01	06.0				1	20.7	140	96		-	-			19	00	
13	Nagoya	0	eP_E	02	15	11.6				eE	46.2								2	30	
	Hikone	0	P		15	27.5													2	00	
13	Nagoya	0	eP_E	02	28	18.5													2	30	
	Hikone	0	P		28	31.2													2	30	
13	Nagoya	0	eP_E	02	36	34.5					23.1										
	Kameyama	0	eP		36	35.8					26.9								4	00	
	Suzuka	0			36	36.6					25.8								2	40	
	Hikone	0	P		36	39.7													5	00	
	Ibukiyama	0	eP_N		36	40.1															
	Kyōto	0	eP		36	47.6					30.2										
	Ōsaka	0	eP		36	47.8													5	00	
	Tokushima	C			36	56.5													4	00	
	Toyooka	0	e		37	38.7															
13	Nagoya	0	eP_N	02	38	47.7															
13	Nagoya	C	eP_E	02	42	47.6															
13	Nagoya	0	eP_E?	02	43	33.1				eE	17.1								1	50	
	Hikone	0	P		43	35.6					27.9								1	40	
	Kyōto	0	eP		43	39.4					31.6								6	00	
13	Kameyama	0	eP	02	44	27.2					26.7								2	00	
	Nagoya	0	eP_E		45	35.6													3	00	
	Hikone	C	S		45	48.9													1	00	
13	Kameyama	0	eP_N	02	46	12.8					26.3								2	00	

Date	Station	SI	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max Amp Amp N	E	Z	Max Amp Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
13	Hikone	0	S?	02	52	10.9													1	30	
13	Kameyama	0	eP	03	14	19.1					23.3								2	00	
	Hikone	0	S		14	50.8													2	00	
13	Nagoya	0	eP_E	04	10	48.3													1	20	
13	Kyōto	0	P	05	08	42.3													3	00	
	Kameyama	0	eP		09	03.3					23.3								3	00	
	Nagoya	0	eP_E		09	22.3													3	50	
	Hikone	0	S		09	37.0													2	00	
	Ōsaka	0	e		09	46.1													2	00	
13	Nagoya	0	eP_E	05	51	49.4													1	20	
13	Kameyama	0	eP	06	23	08.8					25.8								3	00	
	Nagoya	0	eP_E		23	17.1				eE	23.5								3	00	
	Ōsaka	0	eP		23	52.9													2	00	
13	Nagoya	0	eP_E	08	33	41.6					23.7								2	30	
	Kumeyama	0	eP		33	47.1					23.0								2	00	
	Hikone	0	P?		33	50.5					28.6								2	00	
13	Nagoya	0	eP_E?	11	52	32.0													2	00	
13	Kameyama	0	eP	13	05	26.7					26.2										
	Nagoya	0	eP_E		05	28.5					20.5								4	40	
	Hikone	0	P?		05	41.3					25.8								1	40	
	Ōsaka	0	eP	13	06	12.0													4	00	
13	Nagoya	0	eP_E	13	10	29.0													2	40	
	Kameyama	0			10	33.5															
13	Kameyama	0		13	11	16.4													2	00	
13	Hikone	0	P?	14	29	21.0													1	30	
	Kameyama	0			29	23.2													2	00	
13	Kameyama	0		15	35	37.8													1	00	
13	Nagoya	0	eP_E	16	56	56.8													2	10	
13	Nagoya	0	eP_E	18	19	49.4													1	20	
	Kameyama	0			19	53.6													1	00	
13	Nagoya	0	eP_E	18	36	14.7													1	10	
	Kameyama	0			36	19.7													1	00	
13	Kameyama	0		18	47	37.8													1	00	
13	Wakayama	0	eP	21	47	43.6					13	5	6		-	-				25	
14	Kameyama	0		00	28	31.7													1	00	
14	Kameyama	0	eP	02	02	36.1					24.1								2	00	
	Nagoya	0	eP_E		02	54.6													2	20	
	Hikone	0	P?		03	08.1													1	10	
14	Wakayama	0	eP	05	56	18.0					08	6	12		-	-				15	
14	Kameyama	0		06	30	39.4													2	00	
14	Kameyama	0	eP	11	10	57.5					19.2								2	00	
	Nagoya	0	eP_N		11	12.3													2	00	
	Kyōto	0	e		11	31.4													2	00	
14	Wakayama	I	eP	15	37	33.9					12	8	6		-	-				15	Local Shock
15	Nagoya	0	eP_N	00	24	59.6													1	40	
15	Wakayama	0	eP	00	49	57.3					05	6	5		-	-				15	
15	Wakayama	0	eP	00	50	41.9					07	2	6		-	-				07	
15	Hikone	0	eP	02	57	48.8													4	00	鹿島灘

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Date	Station	SI	Pha	Time (J M T) h m s	Initial M N E Z	P-S m s	Max Amp Amp N E Z	Max Amp Period N E Z	P-S h m s	Remarks
	Nagoya	0	eP$_N$	57 55.7	μ μ μ	42.5	μ μ μ	s s s	4 00	E off
	Kameyama	0	eP	57 58.6		46.9			5 00	Hanaki Prof.
	Kyōto	C	e	58 07.9					3 00	Central
	Ōsaka	C	e	58 11.4					3 00	Japan
15	Wakayama	C	eP$_E$	05 36 11.5		1.1	6	—	25	
15	Kameyama	0	eP	07 02 02.5		52.2			5.00	
	Hikone	C	P	02 11.8					4 00	
	Kyōto	0	e	02 15.4					3 00	
15	Kameyama	0	eP	11 25 46.7		26.9			8 00	
	Nagoya	0	eP$_E$	25 47.7		21.8			6 00	
	Hikone	0	P	25 52.5		30.6			4 00	
	Ōsaka	0	eP	25 57.5		e 34.8			5 00	
	Tokushima	0	eP$_E$?	26 13.1		45.5			2 40	
15	Tokushima	0	eP	14 28 39.5		6 21.8			10 00	
	Kameyama	0	eP	28 51.7		5 31.9			14 00	
	Ōsaka	C	eP?	14 35 10.8		2 30.9			7 00	
	Kōbe	C	P	35 12.2						
15	Shimizu	0	eP	19 57 54.8		5 19.6			14 00	
	Murotomisaki	0	e	58 02.8					8 00	
	Kōchi	0	eP$_E$	58 03.5		e 5 30.5				
	Matsuyama	0	eP$_N$	58 04.0						
	Hiroshima	0	eP	58 05.5	(+)	5 28.1			15 00	
	Shionomisaki	C	eP	58 08.4	-3	5 27.3			18 00	
	Tokushima	0	eP	58 08.7		5 28.7			8 30	
	Takamatsu	0	eP	58 10.9		5 27.4			18 00	
	Kōbe	0	eP$_H$?	58 11.8					37 00	
	Owase	0		58 13.6					12 00	
	Sumoto	0	eP$_H$	58 13.6		5 30.5			16 00	
	Ōsaka	0	eP	58 17.5		5 38.5			12 00	
	Kyōto	0	eP	58 18.7		5 18.2			15 00	
	Kameyama	0	eP	58 21.1	(-) (-) (+)	5 40.6			25 00	
	Toyooka	0	eP	58 22.4		5 35.5				
	H-kone	0	P	58 24.6		5 38.2			13 00	
	Nagoya	0	eP$_E$	58 26.0		54.0			14 00	
15	Nagoya	0	eP$_N$	22 15 46.8		2 41.2			13 00	根室遙か東沖
	Hikone	0	P	15 50.7		3 31.6			30 00	Far E off
	Kameyame	0	eP	15 54.0		2 28.2			38 00	Hokkaido
	Kyōto	0	eP	15 55.7		3 15.1			30 00	
	Toyooka	0	eP	15 58.9		3 8.2				
	Kōbe	0	eP$_E$	16 03.9		3 7.7			1 00 00	
	Owase	0		16 05.3					15 00	
	Shionomisaki	0	eP$_H$	16 09.2		3 23.1			23 00	
	Sumoto	0	eP$_H$	16 10.0		3 17.1			24 00	
	Ōsaka	0	eP	16 10.4		3 8.7			13 00	
	Tokushima	0	eP	16 13.9		3 20.7			14 00	
	Matsue	0	eP	16 13.9		6 00.0			21 00	
	Takamatsu	0	eP	16 14.2		3 21.8			25 00	
	Kōchi	0	eP$_N$	16 22.0	-7 +6 -8	3 33.6			32 00	

Date	Station	SI	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max · Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Murotomisaki	0	cP_S		16	24.1	(+)	(−)	(+)	3	28.4								15	00	
	Hamada	0	cP		16	27.5				3	28.5								32	00	
	Hiroshima	0	cP		16	27.9	(+)	(+)	(−)	3	28.3								25	00	
	Matsuyama	0	cP_N		16	29.3				3	32.0								31	00	
	Shimizu	0	cP		16	36.1				3	39.2								23	00	
16	Wakayama	I	cP	03	48	47.3					0.7	19	27		−	−				20	
16	Owase	0		09	16	32.0													3	00	九十九里浜
	Nagoya	0	cP_E		16	47.1					41.0								4	20	E coast of
	Kameyama	0	cP		16	56.0					45.8								7	00	Chiba Pref.,
	Hikone	0	P?		17	02.7					40.6								4	00	central
	Ibukiyama	0	cP_N		17	14.0															Japan
	Nara	0	cP		17	18.2													3	00	
	Ōsaka	0	cP		17	34.6					23.3								3	30	
	Tokushima	0	cP_E?		17	56.4					42.5								2	50	
	Toyooka	0			18	16.0															
	Kyōto	0	cP		18	17.1					39.1								5	00	
16	Ōsaka	0	cP	12	21	22.5					34.9								4	00	
16	Nagoya	0	cP_E	22	57	00.6					23.0								1	10	
17	Nagoya	0	cP_E	01	14	03.0					24.0								2	30	
	Hikone	0	P?		14	10.2					30.1								2	00	
17	Nagoya	0	cP_E	01	31	03.4													1	00	
17	Nagoya	0	cP_E	01	47	30.9					24.7								1	40	
17	Nagoya	0	cP_E	00	31	21.5													1	50	
17	Nagoya	0	cP_E	07	58	17.3					23.8								1	50	
17	Wakayama	I	cP	21	15	13.8	+6	+2			1.9	47	41		−	−			1	00	
	Sumoto	0	cP_H		15	17.7					4.7								1	10	紀伊水道北部
	Tokushima	0	cP		15	23.2					5.4								1	30	off W coast
	Owase	0			15	27.8					11.2								1	10	of
	Kyōto	0	cP		15	28.8					18.2								3	00	Wakayama
	Takamatsu	0	cP		15	30.3					13.4								2	20	Pref
	Murotomisaki	0	cP		15	33.1					15.2								1	50	
	Kameyama	0	cP		15	33.7					21.9								2	00	
	Kōchi	0	cP		15	39.3					18.0									45	
	Hikone	0	cP		15	39.8					18.2								1	30	
	Nagoya	0	cP_N		15	45.2					26.9								1	40	
18	Sumoto	0	cP_H?	01	41	13.3					1.9									15	
18	Nagoya	0	cP_E	08	08	56.7					5.1								1	10	
18	Wakayama	0	cP	10	32	08.5					1.9	14	9		−	−				50	
18	Ōsaka	0	c	16	35	41.0														30	
18	Ōsaka	0	c	17	26	56.5														30	
	Wakayama	0	cP	17	44	03.5					1.2	17	33		−	−				15	
18	Hamada	0	cP	20	08	09.1					3.6									10	
	Hiroshima	0	c		08	13.8														35	
18	Wakayama	0	cP_E	21	31	22.7					0.5		4			−				18	
18	Wakayama	0	cP	22	55	19.2					0.9	2	6		−	−				15	
19	Kameyama	0		03	05	25.7													1	00	
19	Kameyama	0	cP	18	07	46.2					28.4								3	00	
	Nagoya	0	cP_N		09	47.7					23.2								4	40	

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Date	Station	SI	Pha	Time (JMT) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max Amp Amp N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
	Kyōto	0	eP	18 10 29.3											3 00	
19	Shimizu	0	eP	20 37 29.3				32.1							2 30	
	Takamatsu	0	eP	37 51.4				50.3							4 30	
	Tokushima	0	eP_E	37 54.6				50.1							2 00	
	Kōchi	0	eP	20 38 21.0				25							35	
	Nagoya	0	eP_E	20 39 40.0											1 10	
20	Nagoya	0	eP_E?	03 12 30.1											4 30	
	Kameyama	0	eP	03 13 20.1				44.0							4 00	
20	Owase	0		11 33 34.2				31.6							4 10	
20	Nagoya	0	eP_E	16 38 30.2				21.8							6 10	
	Hikone	0	P?	39 25.8											3 20	
	Kameyama	0		39 27.4											6 00	
	Kyōto	0	E	39 40.8											4 00	
20	Osaka	0	eP	17 32 41.7											7 00	
	Nagoya	0	eP_E	32 37.1				23.7								
	Kameyama	0		32 38.7				26.6							10 00	
	Hikone	0	P	32 44.5				30.2							4 30	
	Kyōto	0	eP	32 47.5				30.6							7 00	
	Nara	0	eP	32 48.5											4 00	
	Ibukiyama	0	eP_N	32 52.6												
20	Nagoya	0	eP_E	17 34 24.1				23.5							5 00	
20	Nagoya	0	eP_N	17 55 09.1				25.8							1 20	
20	Wakayama	0	eP	23 03 28.5				03	2	4		-	-		08	
21	Wakayama	0	eP	00 29 54.1				06	4	10		-	-		10	
21	Owase	0		17 21 36.0				8.3							44	
	Shionomisaki	0		21 38.8											30	
	Wakayama	0	eP_N	21 43.5				16	10			-			15	
21	Hiroshima	0	eP	22 48 44.4				11.6							45	安芸灘東部? Central part of Inland Sea (Setonaikai)
	Kōchi	0	eP	48 53.1				11.4							30	
	Takamatsu	0	eP	22 49 15.9				15.1							2 00	
21	Matsuyama	0	eP_N	23 00 11.6				7.5							1 20	
	Hiroshima	0	E	00 27.4											14	
22	Kameyama	0	eP	05 21 22.2				26.4							3 00	
	Nagoya	0	eP_E	21 24.5				19.7							1 30	
22	Nagoya	0	eP_E	08 30 02.8				58.5							2 00	
22	Wakayama	0	eP	09 09 34.3				1.2	17	26		-	-		15	
22	Owase	0		18 17 55.9				9.6							42	
22	Ōsaka	0	eP?	18 23 57.0				20							15	
23	Takamatsu	0	eP_H	03 27 48.1											1 00	
23	Sukumo	II	eP	05 12 16.8				9.4							3 00	豊後水道南部 off SE coast of Ōita Pref. W Japan
	Shimizu	III	eP	12 20.9		(+)		9.6	105	41		-	-		7 40	
	Iwajima	I	eP	12 22.4				8.6							3 40	
	Matsuyama	0	eP_N	12 34.4				17.0							2 30	
	Hiroshima	0	eP	12 37.8				31.3							3 30	
	Kōchi	0	eP	12 38.2				22.4	34	10		2.2	2.2		2 10	
	Muroto misaki	0	eP	12 44.0				24.2							3 40	
	Hamada	0	eP	12 49.0				29.4							6 00	
	Takamatsu	0	eP	12 51.3				32.3							5 00	

Date	Station	SI	Pha	Time (J.M.T.)	Initial M			P~S	Max Amp						P~F	Remarks
									Amp			Period				
				h. m. s	N	E	Z	m s	N	E	Z	N	E	Z	h. m. s	
					μ	μ	μ		μ	μ	μ	s	s	s		
	Tokushima	0	eP	12 54.6				28.3							4 10	
	Sumoto	0	eP_H	13 03.7				36.0							3 50	
	Shionomisaki	0	eP	13 18.8											20	
	Ōsaka	0	eP	13 20.7				45.2							5 00	
	Hikone	0	eP	13 25.1											3 30	
	Kameyama	0	eP	13 28.3				1 20							5 00	
	Owase	0		13 34.0				37.6							2 20	
	Nagoya	0	eP_E	13 50.1				35.8							3 40	
	Toyooka	0	eP_H?	14 02.5												
23	Shionomisaki	0	eP	13 59 50.6	+21	+6	+3	50							45	
24	Owase	0		07 06 09.3											5 20	
	Ibukiyama	0	eP_N	06 16.0				28								
	Nagoya	0	eP_E	06 17.5				1 11.2							6 40	
	Kameyama	0	eP_N	06 26.0				55.0							8 00	
	Hikone	0	eP	06 28.1				54.1							5 30	
	Kyōto	0	eP	06 43.0				1 0.0							6 00	
24	Wakayama	0	eP	11 36 23.2				17	13 7			-	-		35	
24	Kyōto	0	eP	13 33 55.5				4 58							22 00	千島遥か南東
	Nagoya	0	eP_E	34 05.9											3 00	Far SE off
	Takamatsu	0	eP	34 10.6											20 00	Kurile Is.
	Kōchi	0	eP_E	34 17.8				5 14.6							42 00	
	Kameyama	0	eP_N	36 19.8				4 20.6							15 00	
	Owase	0		36 58.0											19 00	
	Kōbe	0	P	38 51.3												
	Toyooka	0		40 ~												
	Sumoto	0		41 10.2											13 00	
	Yonago	0	i	41 26.9												
	Hiroshima	0		41 59.0											16 00	
	Hamada	0	e	43 47.5												
24	Tottori	I	eP_N	19 02 21.1				2.0	37 29			-	-		09	鳥取附近
	Toyooka	0		02 32.8												Near Tottori
24	Wakayama	0	eP	23 16 05.0				0.5	1 4			-	-		07	
25	Wakayama	0	eP	00 17 43.7				0.8	16 6			-	-		25	
25	Matsuyama	0	eP_E	11 10 23.3				12.0							55	
	Takamatsu	0	e_H	10 33.3											1 00	
	Tokushima	0		10 57.8											20	
25	Nagoya	0	eP_E	12 48 39.5				2.40							2 20	
25	Nara	0	eP	13 40 06.0				12.5							2 20	和歌山県
	Wakayama	0	eP	40 51.8				41	42 30			-	-		1 50	湯浅附近
	Sumoto	0	P	40 54.9				6.7							2 30	E coast of
	Tokushima	0	iP	40 57.1				5.4							3 30	Wakayama
	Ibukiyama	0	eP_N	41 01.2												Pref
	Owase	0		41 01.9				10.7							1 20	33.9° N
	Ōsaka	0	eP	41 02.8				9.7							3 00	135.1° E
	Takamatsu	0	eP	41 04.6				13.2							2 00	D≒20 Km
	Murotomisaki	0	eP	41 06.0				14.3							1 20	
	Kyoto	0	eP	41 08.8				14.1							5 00	
	Kōchi	0	eP	41 10.0				15.9							1 00	

Date	Station	SI	Pha	Time (J.M.T.) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max Amp Amp N μ	E μ	Z μ	Max Amp Period N s	E s	Z s	P~ h m s	Remarks
	Kameyama	C	eP	41 27				19.1							3 00	
	Hikone	C	P	41 16.8				21.5							2 00	
	Matsuyama	C	eP$_E$	41 21.5				26.0							2 50	
	Nagoya	C	eP$_E$	41 25.4				22.9							3 30	
26	Ōsaka	C	eS	12 09 03.0											15	
26	Shionomisaki	C	P	13 40 58.8	-7	-6		9.0							1 50	
26	Wakayama	C	eP	23 52 24.8				20	4	4		-	-		25	
27	Wakayama	I	eP	01 00 37.7				08	7	16		-	-		30	Local Shock
27	Takamatsu	C	eP	03 40 52.3				12.2							2 00	
	Matsuyama	C	eP$_E$	41 04.1				16.5							1 30	
27	Kameyama	C		06 28 41.1											5 00	
27	Kōbe	C	eH	12 55 20.5												
	Ōsaka	C	e	12 56 23.9											4 00	
27	Wakayama	I	eP	15 46 11.5				13	27	44		-	-		35	Local Shock
27	Takamatsu	C	eH	16 48 30.3											2 00	
27	Wakayama	C	eP	17 45 52.2				09	19	13		-	-		30	
27	Wakayama	C	eP$_N$	22 18 11.0				09	7			-			20	
28	Kōchi	C	eP	02 48 51.6	3	3	4	16							10	
28	Owase	C		09 40 50.3				27							25	
28	Takamatsu	C	eP	14 05 30.1				6.1							2 00	
28	Matsuyama	C	eP$_E$	17 35 43.5				10.5							40	
29	Kameyama	C	eP	03 25 40.4				23.0							4 00	
29	Shionomisaki	C	P	03 47 56.6				3.1							1 10	
	Kameyama	C	eP	48 22.6				16.9							2 10	
	Tokushima	C		48 31.5											45	
29	Takamatsu	C	eP	08 32 32.8				6.3							2 00	
29	Nagoya	C	eP$_E$	12 10 11.9											2 40	
29	Shimizu	C	eP	13 48 03.9				31.7							3 00	
	Matsuyama	C	eP$_E$	48 09.3				41.0							2 30	
	Kōchi	C	eP	48 16.4	+1	+2	+3	40.1							3 00	
	Muroto misaki	C	eP	48 18.9	(-)	(+)		41.6							1 50	
	Takamatsu	C	eP	48 27.2				48.3							4 00	
	Tokushima	C	eP	48 30.7				49.5							2 20	
	Kyōto	C	eP	48 49.6				1 20							8 00	
	Hikone	C	P	48 55.5				1 9.0							3 30	
	Ibukiyama	C	eP$_N$	49 08.6												
	Wakayama	C	C	49 30.8											50	
	Ōsaka	C	e$_E$	49 48.5											4 00	
	Nagoya	C	eP$_E$	50 15.6											2 30	
29	Takamatsu	C	eP	15 45 59.3				8.8							2 00	
30	Kameyama	C		06 13 45.4											1 00	
30	Nagoya	C	eP$_E$	13 32 47.7											5 30	
	Ōsaka	C	e	32 47.8											7 00	
	Kameyama	C		32 50.8											5 00	
30	Nagoya	C	eP$_E$	20 47 00.3											2 30	
31	Wakayama	I	eP	02 34 02.1				05	28	17		-	-			
31	Wakayama	II	eP	02 34 23.2	-2	-1		08	225	250	150	-	-	-	5 00	和歌山附近
	Semoto	C	eP$_H$	34 29.8				4.7							25	Near

International Seismological Centre

Date	Station	SI	Pha	Time (J.M.T)	Initial M	P~S	Max Amp		P~F	Remarks
							Amp	Period		
				h m s	N E Z	m s	N E Z	N E Z	h m s	
	Osaka	0	eP	34 42.2	μ μ μ		μ μ μ	s s s	2 00	Wakayama
	Takamatsu	0	eP	34 44.5		12.7			2 00	Wakayama
	Kameyama	0		34 49.6					1 00	Pref
31	Wakayama	I	eP_N	02 49 58.1		05	10	-	18	
31	Wakayama	0	eP	03 08 35.0		0.3	2 2	- -	8	
31	Wakayama	II	eP	03 17 29.5		0.6	225 170	- -	5 30	和歌山附近
	Sumoto	0	eP	17 34.7		4.7			1 10	Near
	Tokushima	0	eP_N	17 38.1		8.1			1 45	Wakayama
	Kōbe	0		17 43.5						Wakayama
	Osaka	0	eP	17 46.7	(+) (-)	26			2 00	Pref
	Takamatsu	0	eP	17 47.7		14.1			2 00	
	Kameyama	0	eP	17 52.6		15.6			2 00	
	Shionomisaki	0		17 57.7	-4 -5				58	
31	Wakayama	0	eP_N	03 27 40.7		7.3	4	-	15	
31	Wakayama	I	eP	03 37 45.9		0.7	27 37	- -	30	Local Shock
31	Wakayama	0	eP	03 45 46.4		0.5	6 10	- -	15	
31	Nagoya	0	eP_E	13 18 23.7					2 50	
	Kōbe	0	e_N	13 24 41.2						
	Osaka	0	e	24 49.8					3 00	
31	Nagoya	0	eP_E	23 48 54.7		27.6			3 40	
	Hikone	0	P	49 02.3		28.4			3 00	
	Kameyama	0	eP	49 11.6		37.4			4 00	
	Addition	(追加)								
10	Wakayama	0	eP	05 35 53.7		40.0			3 00	
10	Matsue	0	eP	05 36 06.8		27.6			4 50	

International Seismological Centre

31 年 8 月

地震観測表（地震計なき官署の分）

Report of Earthquakes (No Seismometer)

Aug. 1956

Date	Station		Prefecture	S.I	Time	
	Roman	Japanease			h	m
4	Hiwasa	日和佐	Tokushima	I	10	53
	Tadono	田　殿	Wakayama	I	10	57
10	Mishō	御　荘	Ehime	II	05	35
	Iwamatsu	岩　松	〃	II	05	35
	Mihara	三　原	Kōchi	II	05	35
	Tomiyoma	富　山	〃	II	05	35
	Nakamura	中　村	〃	II	05	35
	Egaiwzaki	江川崎	〃	II	05	35
11	Tennō	天　王	Ōsaka	I	23	35
13	Ōuda	大宇陀	Nara	I	02	01
	Horogawa	洞　川	〃	I	02	02
	Haibara	榛　原	〃	I	02	05
17	Tadono	田　殿	Wakyama	I	21	16
	Higashinozomi	東野上	〃	I	21	15
	Tadono	田　殿	〃	I	21	21
18	Kakei	加　計	Hiroshima	I	20	09
20	Tadono	田　殿	Wakayama	I	12	09
21	Ichikano	市鹿野	〃	I	05	25
	Tadono	田　殿	〃	I	11	23
	Kusisugawa	栗栖川	〃	I	17	19
	Kure	呉	Hiroshima	I	22	49
23	Mihara	三　原	Kōchi	II	05	12
	Iwamatsu	岩　松	Ehime	I	05	15
	Tadono	田　殿	Wakayama	I	07	10
25	Tadono	田　殿	〃	I	00	09
	Shōbara	庄　原	Hiroshima	II	11	10
	Gobō	御　坊	Wakayama	III	13	41
	Kurisugawa	栗栖川	〃	I	13	45

International Seismological Centre

Date	Station		Prefecture	S.I	Time	
	Roman	Japanease			h	m
26	Shōhara	庄原	Hiroshima	I	06	11
	Shōhara	庄原	〃	I	11	03
	Shōhara	庄原	〃	I	11	12
	Tadono	田殿	Wakayama	I	23	52
27	Hinokami	日野上	Tottri	II	03	50
	Shōhara	庄原	Hiroshima	I	16	33
	Shōhara	庄原	〃	II	16	48
	Shōhara	庄原	〃	I	16	49
	Shōhara	庄原	〃	I	17	14
	Shōhara	庄原	〃	II	17	18
	Tsubakidomari	椿泊	Tokushima	I	22	20
28	Shōhara	庄原	Hiroshima	I	09	07
	Shōhara	庄原	〃	I	13	44
	Shōhara	庄原	〃	I	22	13
30	Shōhara	庄原	〃	II	02	02
	Tadono	田殿	Wakayama	I	06	10
	Kiyokawa	清川	〃	I	06	10
	Shōhara	庄原	Hiroshima	I	10	17
31	Iwade	岩出	Wakayama	II	02	~
	Tadono	田殿	〃	I	02	36
	Higashinogami	東野上	〃	II	03	10
	Tadono	田殿	〃	I	03	17

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8月地震回数表

Number of Earthquakes (Aug. 1956)

Station \ SI	0	I	II	III	IV	Total
Kinki Area (近畿地方)						
Hakone	35	—	—	—	—	35
Himeji	3	—	—	—	—	3
Ibukiyama	9	1	—	—	—	10
Kōbe	11	—	—	—	—	11
Kyōto	32	1	—	—	—	33
Maizuru	2	—	—	—	—	2
Nara	5	—	1	—	—	6
Ōsaka	34	—	—	—	—	34
Shionomisaki	12	1	—	—	—	13
Sumoto	21	1	—	—	—	22
Toyooka	11	—	—	—	—	11
Wakayama	31	11	3	1	—	46
Chūgoku Area (中国地方)						
Hamada	8					8
Hiroshima	14	—	—	—	—	14
Matsue	3	—	—	—	—	3
Okayama	3	—	—	—	—	3
Saigō	2	—	—	—	—	2
Tottori	3	1	—	—	—	4
Yonago	3	—	—	—	—	3
Shikoku Area (四国地方)						
Kōchi	22	—	—	—	—	22
Matsuyama	16	—	—	—	—	16
Murotomisaki	12	—	—	—	—	12
Shimizu	8	—	—	2	—	10
Sukumo	1	—	1	1	—	3
Takamatsu	28	—	—	—	—	28
Tokushima	28	—	—	—	—	28
Uwajima	1	2	—	—	—	3

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大阪管区

地震月報

昭和31年9月

The Monthly Report of EarthquaKes

September **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,
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大阪管区気象台
The Osaka
District Meteorological Observatory
Japah

昭和31年9月　　Sept. 1956

地震観測表　Seismological Report

Date	Station	S.I.	Pha.	Time (J.M.T) h m s	Initial M. N E Z	P~S m S	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
1	Tsuruzizyama	0	eP	03 30 16.8	μ μ μ	10	μ μ μ	S S S	17	
1	Kōchi	I	eP_N	05 00 17.2	-3 -6	17	5 10 5	- - -	10	高知附近 Near Kōchi
1	Hikone	0	eP	07 08 30.5		3 59.7			7 00	
1	Hikone	0	P	08 11 42.6		4 22			9 00	
1	Kōbe	0	e_N	08 15 50.0						
1	Kameyama	0	e	09 26 37.6					9 00	
	Nagoya	0	eP_E	26 39.8		e_E 3 58.4			7 10	
	Hikone	0	eP	26 42.1		4 1.8			9 00	
	Ōsaka	0	e_N	30 38.1					3 00	
1	Wakayama	I	eP	12 19 32.0		1.2	24 34	- -	35	和歌山附近
	Sumoto	0	eP_H	19 36.7		46			25	Near
	Kameyama	0	e	20 12.5					1 00	Wakayama
1	Kochi	0	eP?	21 46 16.1		28.5			55	
	Murotomisaki	0	eP	46 27.8		6.8			1 10	
	Tokushima	0		46 41.1					40	
	Wakayama	0	eP	46 46.8		18.0	6 4	- -	2 00	
	Kameyama	0	e	47 23.4					2 00	
1	Wakayama	0	eP	23 33 57.8		0.5	9 13	- -	17	
2	Takamatsu	0	eP	00 44 09.9		4.1			2 00	
2	Takamatsu	0	eP	06 46 20.8		5.0			1 00	
2	Murotomisaki	0	eP	13 02 34.2		7.0			21	
	Tokushima	0	iP_N?	02 37.9		4.7			40	
2	Kōchi	0	eP	20 49 13.6		2.6			15	
3	Tokushima	0	eP_E?	08 58 18.9		8.0			35	
3	Takamatsu	0	e_H	14 03 33.4					1 00	
3	Okayama	0	eP	15 31 34.2		9.1			1 10	広島県東部
	Hirosima	0	eP	31 34.6		9.7			55	E part of
	Matsuyama	0	eP	31 40.8		14.0			1 20	Hiroshima
	Takamatsu	0	eP	31 41.3		13.1			2 00	Pref.
	Kōchi	0	eP_Z	31 47.4		17.0			1 00	34.8°N
	Tokushima	0	eP	31 49.4		18.9			2 10	133.1°E
	Ōsaka	0	eP	32 02.7		26.1			1 40	D≒10Km
	Sumoto	0		32 05.6					40	
	Kameyama	0	e_E	32 49.7					1 00	
3	Nagoya	0	eP_E	19 06 43.3		e_1 7.9			4 10	
	Kameyama	0	eP	07 01.8		53.6			4 00	
4	Kameyama	0	eP	03 48 32.8		5.2			1 00	
5	Wakayama	0	eP	00 31 08.8		1.3	4 4	- -	25	
5	Wakayama	0	eP	02 45 16.3		0.6	3 1	- -	15	
5	Wakayama	I	eP	03 52 14.9		0.6	2 10	- -	15	Local shock
5	Wakayama	0	eP_N	04 25 49.7		0.7	2	-	7	
5	Wakayama	0	eP	12 24 39.2		0.9	8 8	- -	25	
	Owase	0	eP	24 43.2		9.1			44	

Date	Station	S.I.	P.R.	Time (J.M.T) h m s	Initial M. N μ	E μ	Z μ	P~S m	S	Max Amp. Amp. N μ	E μ	Z μ	Max Amp. Period N s	E s	Z s	P~F h m s	Remarks
5	Wakayama	0	eP	19 32 13.9					1.0	9	12		–	–		.15	
6	Wakayama	0	eP_E	00 46 42.8					1.1	4			–			.15	
6	Owase	0	e	07 00 10.0												4 50	
6	Nagoya	0	eP_N	12 03 17.4												1 10	
6	Wakayama	0	eP_N	13 30 53.2					1.8	11			–			.15	
6	Nagoya	0	eP_E	13 56 07.6												1 20	
6	Hamada	0	e	22 39 30.0													
7	Tokushima	0		00 48 04.2												.30	
	Sumoto	0	eP_H	48 12.3												.20	
7	Wakayama	I	eP	03 49 32.9					0.7	8	8		–	–		.18	Local shock
7	Wakayama	0	eP	04 32 10.5					0.9	2	4		–	–		.20	
7	Kameyama	0	e	07 17 13.6												6 00	
7	Shimizu	0	eP_H?	07 46 01.8					21.1							4 50	
	Matsuyama	0	eP_N	46 17.8					33.0							3 40	
	Kōchi	0	eP	46 30.7					37.5							2 —	
	Hiroshima	0	eP?	46 44.2					22.7							3 20	
	Hamada	0	eP	46 45.6					42.1							12 00	
	Takamatsu	0	eP	46 54.1					54.5							4 00	
	Tokushima	0	eP_E?	47 09.3				E	51.0							2 50	
	Hikone	0	P	47 14.7				3	32.5							10 00	
	Sumoto	0	e_N	47 20.9												2 50	
7	Ōsaka	0	eP	48 16.0					.							4 00	
7	Sumoto	0	eP_N	09 22 12.6					5.2							.30	
7	Nagoya	0	eP_E	21 47 42.9				E	20.5							2 10	
8	Ibukiyama	0	iP_N	02 38 49.3	(+)	(+)			1.5								
9	Nagoya	0	eP_E	16 51 25.2												.46	
9	Nagoya	0	eP_E	17 06 44.2												.47	
9	Nagoya	0	eP_N	18 44 01.2					24.0							2 50	
	Kameyama	0	eP	44 03.8					26.5							2 00	
	Hikone	0	P	44 08.5					29.8							3 00	
	Kyōto	0	eP	44 12.3					33.5							2 00	
	Ibukiyama	0	eP_E	44 17.5													
9	Nagoya	0	eP_E	20 45 22.3												.49	
9	Nagoya	0	eP_N	22 27 04.1												1 50	
10	Tokushima	0		02 31 00.2												.50	
10	Tsurugiyama	0	eP	03 35 38.0					30.8							4 30	
10	Wakayama	0	eP_N	04 14 21.7					0.6	4			–			.12	
10	Kōchi	0	eP	11 39 44.9					2.9							.5	
11	Shionomisaki	0	eP	07 01 01.3	-12	-4			1.5							.27	
11	Kōbe	0	e_H	12 01 50.0													
11	Nagoya	0	eP_E	16 00 35.3												2 20	
	Hikone	0	P?	00 42.7												4 20	
	Kameyama	0	e	01 02.9												3 00	
12	Kameyama	0	e	01 34 58.3												4 00	
	Hikone	0	P	34 59.9												3 00	
12	Nagoya	0	eP_E	06 08 30.7												7 20	
	Hikone	0	P	08 34.6				3	48.4							18 00	
	Kyoto	0	eP	08 37.8				3	21.6						1	-- 00	
	Kōbe	0	eP_H	08 41.6				4	0.8							30 00	

Date	Station	S.I	Ph.	Time (J.M.T) h m s	Initial M N E Z	P~S m S	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
	Kameyama	0	eP?	08 42.0		3 34.8			15 00	
	Nara	0	eP	08 44.4					4 00	
	Owase	0	e	08 45.6					6 00	
	Takamatsu	0	eP	08 53.1		3 58.7			17 00	
	Sumoto	0	e_H	08 53.3					16 00	
	Tokushima	0	P	08 55.0					4 40	
	Matsuyama	0	eP_N	09 04.4		4 8.0				
	Shionomisaki	0	eP	09 12.9					10 00	
	Osaka	0	eP_N	10 05.7		e_3 52.7			9 00	
12	Nagoya	0	e	16 58 51.5					4 00	
12	Wakayama	I	eP	22 20 38.9		10	5 6	- -	25	Local shock
12	Kameyama	0	e	22 29 17.9					7 00	
	Tokushima	0	eP	29 20.8	+1 -1	2 38.1			4 00	
	Hikone	0	P	29'23.2		2'41.0			5 00	
12	Wakayama	0	eP	23 37 57.2		08	2 3	- -	15	
13	Wakayama	0	eP	02 07 14.6		09	2 4	- -	10	
13	Tokushima	0	S	05 04 55.0					1 20	
13	Murotomisaki	0	eP	06 31 53.7		28			24	
13	Kameyama	0	e	06 39 39.0					1 00	
13	Shionomisaki	0	P	11 26 42.5	-11 -4	29			1 00	
13	Wakayama	0	eP	14 31 15.5		08	9 17	- -	18	
13	Owase	0	eP	17 23 52.5		43			29	
	Kameyama	0	e	24 14.2						
14	Wakayama	I	eP	14 29 09.9		08	34 78	- -	45	和歌山附近 near Wakayama
	Sumoto	0	eP_H	29 13.7		3.9			25	
14	Kyōto	(I)	eP	23 58 43.9		5.2	59 164 -	- -	3 00	
	Hikone	I	eP	58 44.0	(+) -20 -25	4.1	140 185	0.6 0.6	5 00	滋賀県北西部
	Maizuru	II	eP	58 46.4	+8	5.2	35 62	- -	1 40	NW part of
	Obuchiyama	(I)	eP_E	58 47.4	(-) (-)	4.3	138 65	- -		Shiga Pref.
	Kameyama	I	eP	58 50.9	-1 -1 +3	9.4	45 65 27	- - -	5 00	35.3°N
	Nara	I	eP	58 51.9	+4 -1	7.4	33 43	- -	4 00	135.9°E
	Ōsaka	0	eP	58 52.9	-15 +27 -14	9.8			4 30	D≒101cm
	Toyooka	(I)	eP	58 53.6	+7	11.2			2 00	
	Kōbe	0	eP_H	58 54.5		11.8			1 40	
	Nagoya	I	P_E	58 56.3		11.5	17 14	0.4 0.5	7 00	
	Owase	0	eP	58 57.4		22.0			2 50	
	Himeji	0	eP_H	58 58.1		15.0			3 50	
	Tottori	0	eP	58 59.9		17.7			38	
	Wakayama	0	eP	59 00.0		15.5	19 16	- -	1 40	
	Sumoto	0	eP	59 00.9		16.3			5 20	
	Tokushima	0	eP	59 06.6		22.0			2 50	
	Takamatsu	0	eP	59 09.3		23.6			3 00	
	Kōchi	0	eP	59 25.4		32.9			2 00	
	Murotomisaki	0	eP	59 27.7		29.4			1 20	
	Matsuyama	0	eP_H	59 27.7		43.0			3 00	
	Hiroshima	0	eP	59 30.6		39.4			1 50	
	Shionomisaki	0	eP	59 33.2					1 40	
	Yonago	0	S	59 42.3						
15	Matsuyama	0	eP_H	01 17 35.5		e_1 7.0			3 30	

Date	Station	S.I.	Pha.	Time (J.M.T) h	m	s	Initial M N μ	E μ	Z μ	P~S m	S	Max. Amp. Amp. N μ	E μ	Z μ	Period N s	E s	Z s	P~ h	m	s	Remarks
	Takamatsu	0	eP		17	55.1				1	15.7								3	00	
	Tokushima	0	eP_E?		18	36.2				e_E	530								2	10	
15	Kameyama	0	e	16	58	58.0													4	00	
16	Wakayama	0	eP_N	04	15	15.2					1.2	4			-					15	
16	Wakayama	0	$2P_N$	05	08	16.1					12	2			-					15	
16	Hamada	0	e_H	17	45	06.3															
	Hiroshima	0	eP_H		46	14.5				?	27.5								40	00	Afganistan
	Matsuyama	0	eP_N		46	33.1				7	17.5										
	Kōchi	0	eP_E		46	38.2				7	22.2								44	00	34 °N
	Ōsaka	0	eP		47	38.2				e_7	34.7								19	00	69 1/2 E
	Takamatsu	0	eP		46	38.9				7	27.1								45	00	
	Tayooka	0	e		46	40.1															
	Tokushima	0	eP		46	42.0				e_7	30.8								35	00	
	Kyōto	0	eP		46	46.1				7	36.7								1	00	00
	Hikone	0	eP		46	50.2				7	41.4								45	00	
	Nagoya	0	eP_N		46	53.9													33	00	
	Kameyama	0	eP		46	57.7				7	26.6								39	00	
	Kōbe	0	eP_H		54	16.1															
	Sumoto	0	e_H		54	16.5													28	00	
	Shionomisaki	0	eP		54	26.2													28	00	
15	Yonago	0	i	18	07	46.0															
18	Wakayama	0	eP_N	03	33	05.4					07	12			-	-				26	
19	Kameyama	0	e	01	04	21.2													4	00	
19	Kameyama	0	eP	05	56	50.1					2.8								1	00	
19	Murotomisaki	0	eP	11	50	32.9					5.8									48	
	Tokushima	0	LP_N		50	38.0					7.0									40	
19	Nagoya	0	eP_E	13	55	03.0													1	20	
19	Wakayama	0	eP	23	22	22.5					7.2	5	4		-	-				30	
20	Wakayama	0	eP	01	25	26.7					03	4	3		-	-				12	
20	Wakayama	0	eP	01	47	44.7					1.7	10	16		-	-				25	
20	Murotomisaki	0	eP	03	22	17.3					12									33	
20	Wakayama	0	eP	03	57	58.7					08	5	4		-	-				15	
20	Tokushima	0	eP	08	55	00.-													7	00	
20	Hikone	0	eP	10	15	31.7					38								1	30	三重県北部?
	Nagoya	0	eP_E		15	32.3					45								2	30	N part of
	Kameyama	0	eP		15	37.5					43								2	00	Mie Pref?
	Ibukiyama	0	eS_E?		15	33.9															
21	Kyōto	0	eP	05	11	24.3													7	00	
	Nagoya	0	eP_E		11	25.8													3	30	
	Ōsaka	0	e		11	32.5													3	00	
	Tokushima	0	eP		11	36.9													2	10	
	Kameyama	0	e		11	47.0													3	00	
	Kōbe	0	eP_E		12	44.8															
21	Nagoya	0	eP_E	06	57	07.2													8	50	
	Hikone	0	P		57	09.6						4	18.7						30	00	
	Kameyama	0	eP		57	11.4	(-)	(-)	-7			4	24.0						20	00	
	Kyōto	0	eP		57	13.5						4	12.4						35	00	
	Toyooka	0	eP		57	14.0															
	Ibukiyama	0	eP_N		57	15.7															

Date	Station	S.I.	Ph	Time (J.M.T.) h m s	Initial M N μ	E μ	Z μ	P~S m s	Max. Amp. Amp. N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
	Nara	0	eP	57 16.0											14 00	
	Owase	0	e	57 18.8											9 00	
	Ōsaka	0	eP	57 19.4											10 00	
	Kōbe	0	eP_H	57 21.3				4 16.7							10 00	
	Sumoto	0	e	57 22.1											28 00	
	Yonago	0	P	57 22.8				4 34.9							34 00	
	Tokushima	0	eP	57 26.1				4 28.8							15 00	
	Takamatsu	0	eP	57 27.6				4 26.6							25 00	
	Kōchi	0	eP_H	57 34.6				4 27.7							29 00	
	Hamada	0	e	57 37.5												
	Shimizu	0	e	57 43.7												
22	Wakayama	0	eP	00 57 18.5				0.7	13	7		–	–		30	
22	Wakayama	0	eP	00 58 51.6				0.7	6	3		–	–		15	
22	Sumoto	0	eP_H	02 57 17.3				3.8							20	
22	Wakayama	I	eP	03 41 16.1				2.4	31	11		–	–		40	Local shock
22	Kōchi	0	eP	08 10 43.9				1.2							5	
23	Nagoya	0	eP_N	00 07 35.2				6.8							1 20	
	Kameyama	0	eP	07 36.1				8.6							2 00	
	Owase	0	eP	07 43.7				11.6							1 10	
	Ibukiyama	0	eP_N	07 53.7												
	Hikone	0	S	07 54.2											1 20	
23	Kōchi	0	eP_N	06 20 11.1				3.0							10	高知県中部
	Takamatsu	0	eP	20 12.1				15.4							2 00	Central
	Tokushima	0	eP_N	20 35.9				2.2							30	part of
	Matsuyama	0	eP_N	21 20.7				8.5							1 10	Kochi Pref.
23	Wakayama	0	eP	23 00 05.1				0.8	8	5		–	–		16	
24	Wakayama	0	eP	00 07 12.6				0.5	1	2		–	–		7	
24	Wakayama	0	eP	00 12 18.6				2.2	11	9		–	–		35	
24	Murotomisaki	0	eP	06 20 18.9				9.4							49	
24	Matsuyama	0	eP_E	08 25 15.9				58.5							2 10	
24	Nagoya	0	eP_N	08 49 33.0				7.5							1 20	
24	Wakayama	I	eP	20 00 14.2				0.7	12	15		–	–		35	Local shock
24	Nagoya	0	eP_E	21 02 18.2				31.4							1 30	
24	Wakayama	I	eP	22 02 10.3				1.3	37	20		–	–		35	Local shock
25	Kōchi	0	eP	06 45 03.5				3.0							10	
25	Nagoya	0	eP_E	10 21 29.5				0.9							15	
26	Wakayama	0	eP_N	04 04 45.8				0.8	4			–			12	
26	Nagoya	0	eP_E	14 06 07.4											3 40	
27	Wakayama	0	eP	00 45 20.0				4.8	17	14		–	–		50	
	Owase	0	eP	46 31.8				12.5							49	
	Takamatsu	0	e_H	46 42.9											1 00	
	Kameyama	0	e	47 02.8											1 00	
27	Wakayama	0	eP_E	05 04 50.5				1.4		10			–		30	
27	Nagoya	0	eP_E	09 44 19.8				0.9							9	
27	Nagoya	0	eP_N	15 46 14.9				5.8							24	
28	Kōchi	0	eP	15 50 22.9				1.5							15	
29	Shimizu	0	eP_N	05 12 19.1				9.1							1 10	
	Matsuyama	0	eP_N	12 32.4				20.5							1 10	
29	Kameyama	0	eP	06 22 49.8	(–)	(–)	+13	1 1.9							32 00	

Date	Station	S.I.	Ph.	Time (J.M.T) h m s	Initial M N E Z	P~S m s	Amp. N E Z	Period N E Z	P~F h m s	Remarks
29	Kameyama	0	iP	08 20 59.2	+3μ +43μ -68μ	39.8	μ μ μ	s s s	30 00	
29	Nagoya	0	eP_E	12 02 16.1					3 30	
29	Nagoya	0	eP_E?	13 27 14.0					1 20	
29	Shimizu	0	eP	15 25 32.0		16.0			3 30	
	Hiroshima	0	eP_N	25 34.2		25.8			1 50	
	Matsuyama	0	eP_N	25 34.6		21.0			2 10	
	Kōchi	0	eP	25 44.4		15.2			1 30	
	Takamatsu	0	eP	25 55.6		33.0			3 00	
	Sumoto	0	e_H	25 55.9					2 00	
	Murotomisaki	0	eP	25 57.2		11.2			1 30	
	Tokushima	0	eP_E	26 00.4		e_N 22.0			2 00	
29	Kōchi	0	eP_2	18 11 54.3					32 00	
	Takamatsu	0	eP	12 01.1		6 45.4			38 00	
	Tokushima	0	eP_E	12 04.7					1 30	
	Ōsaka	0	e	12 06.5					6 00	
	Kameyama	0	eP	12 15.8		e_6 7.1			32 00	
	Sumoto	0	e_H	18 45.8					25 00	
	Toyooka	0	eP_H	18 50.5						
	Kōbe	0	e_N	20 11.0						
29	Hamada	0	eP	21 26 41.4		2.8			23	
29	Uwajima	0	P	22 30 —						
	Tsurugizyama	I	iP	30 45.1		1.7			37	
	Tokushima	0	e_N	30 55.0					40	
	Sumoto	0	e_H	31 09.2					20	
30	Shionomisaki	0	iS	03 48 48.7	+5 -5				23	
30	Hamada	0	eP	06 06 11.6		3.5			1 20	
	Hiroshima	0	eP	06.13.8	-1 (-) +2	5.6			41	
	Matsuyama	0	eP_E	06 23.7		12.0			1 10	
30	Nagaya	0	eP_E	06 21 57.4	-6 -6 +4	52.4	195 151 67	2.8 2.5 2.0	15 00	仙台湾
	Ibukiyama	0	eP	21 00.4	(-)	1 7.7				off E coast
	Hakone	0	P	21 03.2	-8 -7 +6	58.5	90	2.1	20 00	
	Nara	0	eP	22 08.9		1 25.5	190	3.1	14 00	of Miyagi
	Kyōto	0	iP	22 09.2	+1 +2	1 2.7			18 00	
	Maizuru	0	P	22 09.4		1 6.4			9 00	Pref.
	Owase	0	eP	22 11.8		1 25.0			14 00	
	Tozooka	0	eP	22 12.3		1 10.8				
	Ōsaka	0	eP	22 14.4		1 9.4	229 286 148	4.0 5.2 3.4	19 00	
	Tottori	0	eP_N	22 18.8		1 13.8			7 10	
	Kōbe	0	eP_H	22 18.8		1 11.1			25 00	
	Himeji	0	eP_H	22 19.8		1 33.1			23 00	
	Sumoto	0	iP	22 20.6	-1 -2 +1	1 35.4			22 00	
	Saigō	0	P	22 22.3		1 53.9			14 00	
	Shionomisaki	0	eP	22 26.4		58.0	29 37	2.8 3.7	16 00	
	Tokushima	0	eP	22 27.0	-1 -3	1 7.6			12 00	
	Takamatsu	0	eP	22 28.7		6 51.3			23 00	
	Motsue	0	P	22 29.3		1 25.0			13 20	
	Murotomisaki	0	eP	22 36.1		1 27.3			18 00	
	Kōchi	0	eP_H	22 40.0		1 13.3	23 22 47	5.5 6.8 11.1	8 00	
	Hiroshima	0	eP	22 44.6	-1 -2 +3	1 29.9			15 00	

Date	Station	SI.	Ph.	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
	Matsuyama	0	eP_N		22	44.6	μ	μ	μ	2	1.5	μ	μ	μ	S	S	S		17	40	
	Hamada	0	P		22	46.7	(−)	(−)	−8	1	28.5								22	00	
	Shimizu	0	P_H		22	51.1	(−)	−2		1	56.7								15	10	
	Yonago	0	P		23	09.8															
	Takamatsu	0	e_H		34	51.5													1	00	
30	Takamatsu	0	eP	07	29	14.5				1	3.4								5	00	
	Nagoya	0	eP_E		29	24.0													5	00	
30	Murotomisaki	0	eP	07	43	48.8					42									16	
	Tokushima	0	iS		43	49.0														55	
30	Nagoya	0	iP_E	08	21	36.3		+84	−51		35.8	1000	800	277	2.2	2.8	1.6		23	00	
	Ibukiyama	0	eP_N		21	40.4					40.2	301	245		−	−					
	Hikone	0	iP		21	44.7	(+)	+73	−52		38.3	485	352	163	1.9	1.4	1.9		25	00	利根川中流域
	Owase	0	eP		21	48.3	+94	±22.9	−9.5		50.6	57	42	38	2.9	3.5	2.8		16	00	NW part
	Kyōto	0	iP		21	49.3	+1	+28	−20		49.5	244	167	79	1.9	2.1	2.6		18	00	of
	Nara	0	eP		21	49.8					47.8	710	370		2.8	3.3			22	00	Chiba Pref.
	Maizuru	0	P		21	50.6					49.8								18	00	Central
	Ōsaka	0	iP		21	54.4	(+)	±37.1	−43.7		48.7	657		424	3.0		2.5		20	00	Japan
	Shionomisaki	0	iP		21	56.8					58.6	64	53		3.3	3.7			22	00	
	Tozooka	0	eP		21	59.0	(+)	+12	−12		59.5										
	Wakayama	0	eP		21	59.6				1	4.5	211	78		−	−			5	30	
	Kōbe	0	P		22	01.−					55.0	215	288		4.6	4.9			20	00	
	Sumoto	0	iP		22	01.1	+5	+12	−10	1	0.5	52	46	41	2.8	2.9	2.5		22	30	
	Himeji	0	eP_H		22	01.8				1	11.2								33	00	
	Tokushima	0	eP		22	05.9	+4	−5			53.5	145	110		2.7	1.7			13	00	
	Tottori	0	P_N		22	06.9	(+)	+6			59.5	235	124		3.0	3.0			10	30	
	Takamatsu	0	iP		22	10.1	+4	+10		1	9.6								13	00	
	Murotomisaki	0	iP		22	15.0				1	7.2								20	00	
	Saigō	0	iP_H		22	16.2				1	35.0								10	00	
	Yonago	0	P		22	19.8				1	5.9								10	00	
	Kochi	0	iP		22	20.2	+3	+6	−5	1	14.5	37	33	26	4.4	3.3	3.6		17	10	
	Matsue	0	P		22	20.3				1	25.2								14	50	
	Matsuyama	0	eP_N		22	26.2				1	28.9								17	00	
	Hiroshima	0	eP_N		22	28.4	(+)	+6	−6	1	13.9	51	24	33	4.3	4.3	4.0		17	00	
	Uwajima	0	P		22	31.5				2	3.0								8	30	
	Hamada	0	P_E		22	32.6		+9	(−)	1	28.2								24	00	
	Shimizu	0	P		22																
30	Nagoya	0	eP_E	09	04	08.5					37.8								5	10	
	Hikone	0	P?		04	24.7					40.0								4	00	
	Nara	0	eP		04	28.8													9	00	
	Ōsaka	0	eP?		04	29.0					56.0								5	00	
	Ibukiyama	0	eP_N		04	29.1															
	Kyōto	0	eP		04	32.9					46.4								3	00	
	Tokushima	0	eP?		04	46.5				1	20.1								3	20	
	Toyooka	0	eP_H		04	48.4				SH	50.3								2	10	
	Takamatsu	0	e_H		04	59.6													3	00	
	Sumoto	0	e_H		05	26.7													3	00	
	Nagoya	0	eP_E		12	02.8													3	00	
30	Nagoya	0	eP_E	10	02	14.8													2	10	
30	Nagoya	0	eP_E	10	49	05.0					5.0									49	

Date	Station	S.I.	PR.	Time (J.M.T.)	Initial M.	P~S	Max. Amp.		P~F	Remarks
							Amp.	Period		
				h m s	N E Z	m s	N E Z	N E Z	h m s	
					μ μ μ		μ μ μ	s s s		
30	Kameyama	0	e	16 49 15.4					1 00	
30	Nagoya	0	eP_E	21 24 39.1		38.0			2 30	
	Kameyama	0	eP	24 56.5					4 00	
	Hikone	0	P?	25 02.3		29.7			2 00	
	Ibukiyama	0	eP_N	25 15.7						
	Nara	0	eP	25 35.2					3 00	
	Osaka	0	eP	25 55.1					2 20	
	Tokushima	0	e_N	26 26.5					1 20	
30	Sumoto	0	e_N	23 46 26.2					7 00	
	Shionomisaki	0	eP_H	46 31.4		3 45.1			9 30	
	Tokushima	0	eP_E	46 38.7					2 50	
	Nara	0	eP	46 41.9					5 00	
	Takamatsu	0	eP	46 45.2					10 00	
	Kameyama	0	eP	46 45.7		1 02			5 00	
	Hakone	0	eP	46 48.0					7 00	
	Osaka	0	eP_E	46 48.2					4 00	

International Seismological Centre

31年9月 Report of Earthquakes

地震観測表（地震計なき官署の分）（no Seismometer）

Sept. 1956

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanease			h	m
1	Tadono	田　殿	Wakayama	I	12	39
	Syōbara	庄　原	Hiroshima	I	20	40
2	Syōbara	庄　原	〃	I	14	13
3	Syōbara	庄　原	〃	II	15	31
	Syōbara	庄　原	〃	I	15	33
	Syōbara	庄　原	〃	I	15	41
7	Kizu	木　頭	Tokushima	II	00	50
11	Syōbara	庄　原	Hiroshima	I	08	27
14	Tenno	天　王	Osaka	I	23	40
	Imazu	今　津	Hikone	II	23	59
15	Tadono	田　殿	Wakayama	I	06	32
	Tadono	田　殿	〃	I	21	33
29	Kawai	川　井	Tokushima	II	22	32
30	Midori	美土里	Hiroshima	II	06	00
	Ōasa	大　朝	〃	II	06	02
	Kasei	加　計	〃	II	06	07
	Chiyoda	千代田	〃	I	06	07
	Tadono	田　殿	Wakayama	I	21	33

International Seismological Centre

9 月地震回数表 Number of Earthquakes (Sept. 1956)

Station \ S.I.	0	I	II	III	IV	Total
Kinki Area (近畿地方)						
Hikone	18	1	—	—	—	19
Himeji	3	—	—	—	—	3
Ibukiyama	10	—	—	—	—	10
Kōbe	10	—	—	—	—	10
Kyōto	9	—	—	—	—	9
Maizuru	2	—	1	—	—	3
Nara	7	1	—	—	—	8
Ōsaka	14	—	—	—	—	14
Shionomisaki	8	—	—	—	—	8
Sumoto	18	—	—	—	—	18
Toyooka	7	—	—	—	—	7
Wakayama	30	8	—	—	—	38
Chūgoku Area (中国地方)						
Hamada	8	—	—	—	—	8
Hiroshima	8	—	—	—	—	8
Matsue	2	—	—	—	—	2
Okayama	1	—	—	—	—	1
Saigō	2	—	—	—	—	2
Tottori	3	—	—	—	—	3
Yonago	5	—	—	—	—	5
Shikoku Area (四国地方)						
Kōchi	16	1	—	—	—	17
Matsuyama	13	—	—	—	—	13
Murotomisaki	11	—	—	—	—	11
Shimizu	6	—	—	—	—	6
Sukumo	1	—	—	—	—	1
Takamatsu	20	—	—	—	—	20
Tokushima	27	—	—	—	—	27
Tsurugiyama	2	1	—	—	—	3
Uwajima	2	—	—	—	—	2

International Seismological Centre

大阪管区

地震月報

昭和31年10月

The Monthly Report of EarthquaKes

October **1956**

Geophysics Division,
Dept. of Scientific & Industrial Research,
LIBRARY
SEISMOLOGICAL OBSERVATORY.

大阪管区気象台

The Osaka
District Meteorological Observatory
Japah

昭和31年10月　　October 1956

地震観測表　Seismologicae Report

Date	Station	S.I.	Pha.	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
1	Wakayama	I	eP	01	47	41.1	μ	μ	μ		1.5	36μ	16μ	μ	S	S	S			35	Local shock
1	Nagoya	0	eP_E	02	32	34.3					3.0								1	40	
	Ibukiyama	0	eP_N		32	41.8															
	Hikone	0	S		32	46.5														35	
2	Murotomisaki	0	eP	01	48	54.3					6.2									27	
	Tokushima	0	iP		48	55.5					3.5									50	
	Sumoto	0	eP_H?		49	03.0					4.2									20	
2	Wakayama	0	eP	07	41	38.7					0.9	21	12		−	−				30	
2	Wakayama	0	eP	23	44	44.4					0.6	3	7		−	−				10	
3	Hikone	0	eP	00	01	40.7				4	19.6								8	00	
	Kameyama	0	e		01	43.5													6	00	Kamchatka region
	Kyōto	0	eP		01	44.1				4	15.5								15	00	
	Toyooka	0	e?		01	44.5															
	Ōsaka	0	eP		01	50.3													4	00	
	Sumoto	0	e_H		01	53.5													10	00	
	Tokushima	0	eP		01	57.7				4	26.2								6	00	
	Nara	0	eP		07	47.1													8	00	
3	Takamatsu	0	eP	00	01	57.8				4	27.2								13	00	
	Kōchi	0	eP_2		02	08.0				4	22.3										
3	Nagoya	0	eP_E?	01	01	47.8													5	00	
4	Nagoya	0	eP_E	02	58	42.5													2	00	
4	Wakayama	0	eP	03	09	13.1					2.5	15	11		−	−				25	
4	Hikone	0	P	08	41	00.9					55.7								3	00	
	Takamatsu	0	eP		41	03.4				1	1.1								3	00	
	Nagoya	0	eP_E		41	19.4													3	30	
	Ibukiyama	0	eS_N?		41	55.7															
	Kyōto	0	eS		41	57.5													3	00	
	Ōsaka	0	e		42	02.6													3	00	
	Kameyama	0	e		42	04.4													3	30	
	Takushima	0	eP_E		42	09.0													3	00	
4	Nagoya	0	eP_E	22	21	27.8													5	00	
	Kameyama	0	e		22	03.7													4	00	
4	Wakayama	0	eP_E	23	23	42.8					0.9		2			−				15	
5	Okayama	II	iP	11	41	22.2	(+)	(+)	(−)		4.2								1	30	
	Hineji	I	iP_H		41	22.7	+17	−33			4.9	103	90		05	06			3	30	吉井川下流域
	Hikone	0	P		41	25.1					44.1								3	30	SE part of Okayama Pref. 34.8°N 134 1/4°E D≒10Km
	Takamatsu	I	iP		41	25.4	−13	−3	+10		7.4	31	28	25	1.0	0.7	0.7		5	00	
	Sumoto	(I)	iP		41	29.0	+2	−2	−3		9.6	36			3.9				4	00	
	Tottori	0	eP_N		41	29.9					9.8									40	
	Kōbe	0	eP_N		41	30.3					10.6									40	
	Tokushima	0	iP_N		41	30.8					10.0								2	50	
	Yonago	0	P		41	32.9					13.9										
	Toyooka	0	eP		41	32.0					11.2								1	40	

Date	Station	S.I.	Pha.	Time (J.M.T) h	m	s	Initial.M. N	E	Z	P~S m	S	Max. AmP. AmP. N	E	Z	Max. AmP. Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Wakayama	0	eP		41	34.4					12.0								1	50	
	Ōsaka	0	eP		41	36.5					14.9								3	00	
	Maizuru	0	eP		41	37.0					14.6								1	50	
	Kyōto	0	eP		41	37.8					16.4								3	00	
	Matsue	0	P		41	39.8					13.4								1	20	
	Kōchi	0	eP		41	40.4					18.8								1	20	
	Nara	0	iP		41	40.6					16.0								3	00	
	Matsuyama	0	iP$_N$		41	43.6					20.0								2	30	
	Hiroshima	0	eP		41	44.0		(−)			19.8								1	40	
	Murotomisaki	0	P		41	46.3					21.5								1	20	
	Saigō	0	eP$_N$		41	46.5					21.0								1	30	
	Kameyama	0	P		41	50.3					22.1								2	00	
	Owase	0	P		41	50.5					16.4								2	00	
	Shionomisaki	0	eP$_E$		41	52.5					21.9								2	00	
	Shimizu	0	eP		41	52.7					35.8								2	10	
	Nagoya	0	eP$_E$		41	58.7					28.1								2	30	
	Ibukiyama	0	eP$_N$?		42	21.1															
5	Toyooka	0	eP$_H$?	11	57	40.6															
5	Nagoya	0	eP$_N$	13	04	53.0					15									53	
5	Kyoto	0	eP	16	10	59.8					6.2								2	00	滋賀県西部
	Hikone	0	P		11	03.4					4.3								1	20	W part of
	Maizuru	0	eP		11	07.1					6.4									36	Shiga Pref.
	Kameyama	0	P		11	09.3					8.1								1	00	35 1/4° N
	Nagoya	0	eP$_E$		11	14.3					11.0								1	00	135 9° E
	Toyooka	0	eP		11	27.7															Shallow
5	Wakayama	I	eP	17	53	13.4					1.1	27	27		−	−				25	紀の川上流域
	Sumoto	0	eP$_H$		53	14.2					7.3								1	00	N part of
	Tokushima	0	eP$_N$?		53	16.1					8.0									25	Wakayama
	Owase	0	P		53	16.7					8.8									47	Pref.
	Shionomisaki	0			53	20.5														30	
	Kameyama	0	eP		53	31.6					14.1								1	00	
5	Wakayama	0	eP	19	00	57.1					1.3									20	
5	Uwajima	0	eP	19	34	31.1					13.3									59	伊予灘
	Shimizu	I	iP		34	34.4	−1	+2	(−)		16.4	51	29		06	06			2	30	W part of
	Matsuyama	0	eP$_N$		34	38.6					17.1								2	30	Inland
	Hiroshima	0	eP		34	40.7					15.1								1	30	Sea
	Kōchi	0	eP		34	41.3					19.8								1	30	(Setonaikai)
	Murotomisaki	0	eP		34	42.8					25.7								1	30	
	Takamatsu	0	eP		34	50.1					26.2								3	00	
	Tokushima	0	iP		34	53.9	−1	+2			28.7								2	20	
	Sumoto	0	eP$_H$		34	59.5					31.9								2	30	
	Hamada	0	eP		35	09.3					17.8								1	30	
	Kameyama	0	eP		35	19.7					47.8								4	00	
	Matsue	0	eP		35	26.0					12.8									41	
	Nagoya	0	eP$_E$		35	27.3					55.3								2	20	
	Tottori	0	eP$_N$		35	38.5					11.1									22	
	Ōsaka	0	eP		35	50.2					22.2								2	00	
	Kyoto	0	eP		35	51.1					18.0								3	00	
6	Nagoya	0	eP$_E$	09	54	27.8					31.0								3	20	

Date	Station	SI.	Phe.	Time (J.M.T.) h m s	Initial M. N	E	Z	P~S m s	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h m s	Remarks
	Hikone	0	P?	54 36.3	μ	μ	μ	32.7	μ	μ	μ	s	s	s	3 00	
	Kameyama	0	eP	54 36.6				36.0							4 00	
	Ibukiyama	0		55 03.0												
	Ōsaka	0	e	55 48.7											2 00	
6	Wakayama	I	eP	15 22 32.6				1.6	33	33		–	–		35	Local shock
6	Wakayama	I	eP	15 29 54.3				0.7	28	28		–	–		30	Local shock
6	Wakayama	II	iP	19 55 04.2	+5	+11		0.7	98	32		–	–		35	和歌山附近
	Sumoto	0	eP_H	55 08.2				3.9							35	Near Wakayama
7	Wakayama	0	eP_E	02 02 57.0				1.1	11			–			25	
7	Wakayama	0	eP_E	04 22 15.9				0.5							15	
7	Owase	0	P	18 45 13.3				7.3							41	
7	Wakayama	0	eP_E	22 47 00.5				1.0	5			–			20	
8	Kameyama	0	e	13 34 30.1											2 00	
8	Nagoya	0	eP_N	14 14 09.9				30.6							2 40	
	Kameyama	0	eP	14 11.9				33.9							3 00	
	Osaka	0	e	15 20.8											2 00	
	Ibukiyama	0	eP_E?	15 40.3												
	Hikone	0	P?	15 40.6											2 10	
8	Kōchi	0	eP	17 46 46.9				0.7							10	
8	Wakayama	I	eP	20 27 51.3				0.8							15	Local shock
9	Kōbe	0	e_N	13 17 52.0												
9	Owase	0	P	19 15 09.5				7.3							32	
10	Wakayama	0	eP_E	07 59 57.2				0.7	11			–			20	
10	Sumoto	0	eP_H?	15 02 46.7				4.7							25	
10	Shimizu	0	P	18 37 55.9	(+)	+1	-2	5.4							1 00	土佐湾西部
	Kōchi	0	eP	37 58.3	-16	-6		7.8	16	16		–	–		50	Off coast of
	Uwajima	I	eP	37 59.2				7.2							44	SW part of
	Matsuyama	0	eP_N	38 01.8				12.0							2 30	Kōchi Pref.
	Murotomisaki	0	eP	38 02.3				11.5							1 10	33.1° N
	Takamatsu	0	eP	38 14.6				19.4							3 00	133.2° E
	Hiroshima	0	eP	38 21.0				10.9							47	D ≒ 10 K
	Tokushima	0	eP_E	38 24.0				18.2							1 50	
	Sumoto	0	eP_H?	38 25.1				20.6							1 00	
10	Shionomisaki	0	eP	21 01 22.4				4.6							34	
	Wakayama	0	eP	01 27.0				7.4	10	8		–	–		30	
	Sumoto	0	eP_H?	01 36.9				5.7							35	
	Tokushima	0		01 44.4											30	
11	Nagoya	0	eP_E?	05 31 30.0											1 20	
11	Shimizu	0	eP	07 41 22.2				36.8							1 30	
11	Nagoya	0	eP_E	11 28 02.6				2 35.8	86	133	35	2.8	2.8	3.4	22 00	
	Ibukiyama	0	eP_N	28 05.6				2 59.0								
	Hikone	0	P	28 06.4	(-)	(-)	(+?)	2 39.5	70			2.9			1 10 00	
	Ōsaka	0	eP_Z	28 08.4				2 48.4							18 00	
	Kameyama	0	P_E	28 09.2	-3	-4	+3	2 46.2	77	77		4.4	4.6		1 25 00	
	Nara	0	iP	28 10.3				2 59.4							27 00	
	Kyōto	0	eP	28 14.5				2 40.7							37 00	
	Toyooka	0	eP	28 14.9				2 56.0							1 9 00	
	Kōbe	0	eP_H	28 19.0				3 3.2							1 40 00	
	Owase	0	P	28 19.2				3 5.5	26	24	<10	3.6	7.0	–	37 00	

Date	Station	S.I.	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp. Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
	Tottori	0	P_N		28	20.0	(+)	(+)											16	00	択捉島沖
	Saigō	0	iP_H		28	20.2	-8	-13		2	50.4								42	00	S off
	Himeji	0	iP_E		28	22.7				SE 3	1.7							1	7	00	Kurile
	Wakayama	0	eP		28	23.3				3	9.7								15	00	Island
	Sumoto	0	iP		28	24.7	+3	+2	-3	3	7.0								48	00	
	Yonago	0	P		28	29.6				3	11.8										
	Shionomisaki	0	eP_Z		28	27.9	+20	+19	-29	3	9.6	82	61	23	44	6.8	2.8	1	20	00	
	Matsue	0	P		28	29.3				3	10.5								36	00	
	Tokushima	0	P		28	30-				3	54.0								45	00	
	Murotomisaki	0	eP		28	38.6		+47		3	23.6								35	00	
	Takamatsu	0	eP		28	30.5				3	14.6							1	12	00	
	Hiroshima	0	P		28	41.5	+2	+3	-4	3	14.7							1	19	00	
	Kōchi	0	iP		28	42.5	-7	-8		3	18.2	283	170		9.5	8.1			55	00	
	Hamada	0	P		28	43.4	(+?)	(-?)	(+?)	3	16.5							1	29	00	
	Matsuyama	0	eP_N		28	43.7				3	37.9								39	00	
	Shimizu	0	P		28	51.9	-1	-2	-5	3	29.1	62	42		8.3	7.3			31	00	
11	Nagoya	0	eP_N	14	13	39.1													3	10	
11	Kyōto	0	eP	15	37	41.3					1.9									30	
12	Sumoto	0	e_H	08	16	08.8														20	
12	Sumoto	0	eP_H	11	52	22.5					2.1									15	
12	Hikone	0	P	21	25	07.7				2	35.2								10	00	
	Kameyama	0	eP		25	13.5				1	52.4								17	00	釧路沖
	Toyooka	0	e?		25	15.5															SE off
	Kyōto	0	eP		25	15.5				2	55.5								6	00	Hokkaido
	Nagoya	0	eP_E		25	16.5				1	44.1								8	40	
	Nara	0	eP		25	17.8													8	00	
	Sumoto	0	e_H		25	24.6													15	00	
	Ōsaka	0	eP		25	27.2													9	00	
	Takamatsu	0	eP		25	33.0				3	18.1								15	00	
	Kōchi	0	eP		25	44.5				3	0.4								10	00	
	Hamada	0	P		25	46.5	+3	+5	-3	3	29.5								28	00	
	Matsuyama	0	eP_N		25	48.1													18	00	
	Yonago	0	eP		25	27.9															
	Tokushima	0	eP_E		25	54.9													10	00	
	Kōbe	0	P		26	00.6															
	Shimizu	0	eL		30	05.1													9	00	
12	Matsuyama	0	eP_N	21	47	28.5					35.0								1	50	
12	Hiroshima	0	e	22	25	37.3													10	00	
12	Nagoya	0	eP_E	22	26	43.4													2	10	
13	Matsuyama	0	eP_N	06	38	04.7					27.0								1	50	
	Takamatsu	0	eP		38	30.5					40.4								3	00	
13	Sumoto	0	eP_N	06	53	36.0					6.7									20	
13	Nagoya	0	eP_N	14	06	37.1													1	10	
13	Nagoya	0	eP_E	21	47	13.0													2	40	
14	Hikone	0	eP	00	16	30-													8	00	
	Nagoya	0	eP_N		16	56.6													3	00	
	Kameyama	0	e		17	09.0													4	00	
14	Sakurno	I	iP	01	45	07.5					6.3								1	40	日向灘北部
	Uwajima	0	eP		45	30.5					7.8									34	SW off Shikoku

Date	Station	S.I	Ph.	Time (J.M.T) h	m	s	Initial M. N	E	Z	P~S m	s	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
	Shimizu	0	iP		45	30.9	μ	(↑)μ	(↑)μ		8.6	μ	μ	μ	s	s	s		2	00	32.7°N 132.2°E D≒10K
	Kōchi	0	eP		45	44.4					20.7									45	
14	Kameyama	0	e_N	04	01	12.3													4	00	
	Takamatsu	0	eP		01	24.5				6	44.2								20	00	
	Hikone	0	P		01	58.9				6	34.4								10	00	
	Nagoya	0	eP_E		02	00.2													8	00	
14	Matsuyama	0	eP_N	04	51	09.5					5.0								44		
14	Sumoto	II	iP	05	46	32.8	-3	+8	-4≦		3.3	69			04				1	10	
	Kōbe	I	eP_H		46	36.0					6.5	58			05				3	20	和歌山附近
	Tokushima	0	iP		46	38.4					6.9								2	20	Near
	Wakayama	II	iP		46	39.2	-43	-5	-2		1.0	295	250	56	-	-	-		2	30	Wakayama
	Nara	I	eP		46	42.5				S_N	7.7								4	00	34.2° N
	Ōsaka	0	eP		46	43.4				S_E	8.2								4	00	135.1° E
	Owase	0	P		46	44.6					11.7									25	Shallow-
	Takamatsu	0	eP		46	45.5					15.9								3	00	
	Shionomisaki	0	eP		46	45.8	-5	+5			9.9								1	10	
	Kyōto	0	eP		46	47.0					9.6								4	00	
	Himeji	0	iP_H		46	50.1	+17	+17			4.3								1	30	
	Kameyama	0			46	51.6					15.2								3	00	
	Kōchi	0	eP		46	55.5					18.9								1	40	
	Hikone	0	eP		46	56.2					10.3								2	30	
	Nagoya	C	eP_E		47	02.8					20.1								2	50	
	Matsuyama	0	eP_N		47	03.0					29.5								2	10	
14	Nagoya	0	eP_E	09	31	56.3					43.1								7	00	鹿島灘
	Hikone	0	P?		32	00.-					44.9								4	30	E off
	Kameyama	0	eP?		32	05.2					57.1								6	00	Ibaraki
	Ibukiyama	0	eP_E		32	12.7															Pref.;
	Nara	0	eP		32	24.4													4	00	Central
	Kyōto	0	eP		32	28.6					49.3								4	00	Japan
	Owase	0			32	31.-													2	40	
	Ōsaka	0	eP		32	37.0?				e	59.0								4	00	
	Sumoto	0	e_H		32	58.6													3	00	
	Tokushima	0	eP_E?		33	08.4					53.7								3	20	
15	Nagoya	0	eP_E	06	06	41.9					52.1								7	10	福島県沖
	Hikone	0	eP		06	46.2					57.4								6	00	E off
	Kameyama	0	eP		06	49.4					52.1								10	00	Fukushima
	Kyōto	0	eP		06	53.9				1	8.6								11	00	Pref
	Owase	0			07	01.3													3	50	
	Toyooka	0	eP_H		07	01.7															
	Nara	0	eP		07	04.8					9.0								11	00	
	Sumoto	0	eP_H?		07	08.3				1	24.9?								5	20	
	Tokushima	0	eP_G		07	09.2				1	45.7								4	30	
	Takamatsu	0	eP		07	17.2				1	46.9								6	00	
	Ōsaka	0	eP		07	18.8					54.6								6	00	
	Kōchi	0	eP		07	28.1				1	6.3								3	50	
	Matsuyama	0	eP		07	31.1				1	35.0								8	00	
	Kōbe	0	e_E		08	09.0															
	Hiroshima	0	e_H		09	27.0														33	
	Shionomisaki	0	eP		30	~															

Date	Station	S.I.	Ph.	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max. Amp. Amp. P. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
16	Shimizu	0	iP	21	14	36.1	+1	+1	+2		6.7								1	30	
17	Nagoya	0	eP_E	02	29	44.0				e_N	46.6								7	20	
	Hikone	0	eP		29	45.1				1	10.2								5	00	
	Kameyama	0	eP		29	53.9					57.4								7	00	
	Ōsaka	0	eP?		29	54-				1	29.0								4	00	
	Kyōto	0	eP		29	57.7				1	5.4								4	00	
	Nara	0	eP		30	06.8					8.4								4	00	
	Ibukiyama	0	eP_E		30	43.3															
	Kōchi	0	e		32	32.9													1	30	
17	Wakayama	I	eP	16	27	21.1					0.9	78	32		-	-				30	Local shock
17	Wakayama	0	eP	18	06	45.7					1.2	6	8		-	-				10	
17	Nagoya	0	eP_E	18	56	39.2					30.7								3	20	
	Kyoto	0	eS		57	29.5													1	00	
17	Tokushima	0	iP	21	40	11.6					1.8									50	
	Sumoto	0	iP_H		40	12.4	-3	-1			3.6									45	
18	Nagoya	0	eP_E	00	07	34.6													1	30	
18	Tokushima	0	P	00	43	58-					5-								2	10	
	Sumoto	I	iP_H		43	59.6	-3				7.9	51	30		04	06			2	20	紀伊水道中部
	Wakayama	0	iP		43	59.8	+5	-5			7.3	37	20		-	-			1	50	off E coast
	Okayama	0	eP		44	04.2					15.3								1	50	of Shikoku
	Takamatsu	0	eP		44	04.2					10.2								3	00	$33\frac{3}{4}°N$
	Kōbe	0	eP_E		44	04.5					12.6								1	00	$134.8°E$
	Muroto-misaki	0	P		44	04.5					10.0								1	10	Shallow
	Ōsaka	0	eP		44	07.0					12.6								2	00	
	Owase	0	P		44	10.1					11.0								1	00	
	Kōchi	0	eP		44	10.7					12.3									45	
	Kameyama	0	eP		44	20.0					15.7								5	00	
	Nagoya	0	eP_E		44	25.7					24.6								1	30	
	Hikone	0	P		44	26.9					13.3								2	00	
	Toyooka	0	eP_H		44	27.1															
18	Toyooka	0	eS	07	56	57.5															
	Nagoya	I	iP_E		56	05.6			-85		6.3	78	75	72	05	-	-		5	00	知多半島
	Kameyama	0	P		56	12.4	-1	-1	-10		11.2								5	00	
	Ibukiyama	0	eP_N		56	13.0					9.7										
	Hikone	I	P		56	13.4	(+)	(-)	(+)		11.2								3	00	
	Kyoto	0	eP		56	20.8					14.2								2	00	
	Nara	0	iP		56	21.9					16.9								3	00	
	Owase	0	P		56	23.8					14.5								1	00	
	Maizuru	0	eP		56	27.1					18.0								1	20	
	Ōsaka	0	eP		56	32.6					12.4								2	20	
	Kōbe	0	eP_H?		56	36.0															
	Sumoto	0	e_N		56	53.2													1	10	
	Tokushima	0	iP		57	05.5					5.1								1	40	
	Takamatsu	0	e_H		57	07.2													2	00	
18	Nagoya	0	eP_E	19	22	44.8				e_N	36.9								2	20	
19	Wakayama	0	eP	12	58	18.0					0.6	17	22		-	-				15	
19	Wakayama	II	iP	16	21	51.4	+5	-20			3.7	115	178		-	-			1	20	日高川上流
	Sumoto	0	iP		21	57.8	+3	(-)			4.0								1	00	Wnart of
	Tokushima	0	iP		22	01.2					7.7								2	10	Wakayama

International Seismological Centre

Date	Station	S.I.	Ph.	Time (J.M.T) h m s	Initial M. N E Z	P~S m s	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
					μ μ μ		μ μ μ	s s s		
	Takamatsu	0	eP	22 09.8		14.6			2 00	Pref.
	Owase	0	P	22 10.3		12.0			42	
	Ōsaka	0	eP	22 14.7		11.4			1 40	
	Himeji	0	eP_H	22 16.8					1 20	
	Kameyama	0	eP	22 17.0		20.7			2 00	
	Shionomisaki	0	eP	22 21.1					40	
	Hikone	0	P?	22 21.8					1 30	
	Kyōto	0		22 29.4					1 00	
	Nagoya	0	eP_E	22 33.6					1 30	
19	Nagoya	0	eP_E	19 23 57.9					34	
	Kameyama	0	e	24 14.9					1 00	
20	Hiroshima	0	e_H	05 52 39.3					26 00	
20	Kyōto	0	e	05 54 14.7					17 00	
	Kōchi	0	eP_N	54 31.2		5 40.0			42 00	
	Takamatsu	0	eP	54 34.0		5 47.0			25 00	
20	Sumoto	0	eL_H	06 02 32.0					13 00	
	Kōbe	0	eS?	03 11.1						
20	Kōchi	0	eP	12 48 31.5		4.0			15	
20	Wakayama	I	eP	18 37 55.5		0.7	66 73	– –	55	和歌山附近 Near Wakayama
	Sumoto	0	eP_H?	38 01.0		3.8			40	
20	Wakayama	I	eP	18 44 25.4		0.5	27 114	– –	25	Local shock
20	Wakayama	0	eP	22 45 13.0		1.5	15 22	– –	25	
20	Wakayama	0	eP	23 05 39.7		0.9	3 5	– –	15	
20	Wakayama	II	eP	23 31 56.5	−2 +1	0.7	75 225	– –	50	
21	Wakayama	0	eP_N	01 31 34.0		0.9	6	–	15	Local shock
21	Wakayama	0	eP	07 06 24.1		1.7	11 7	– –	25	
22	Hikone	0	S	01 49 22.1					1 00	
	Maizuru	0	eP	49 25.1		4.9			26	
	Nagoya	0	eP_E	49 25.8		10.6			1 10	
	Kameyama	0	e_N?	49 26.6		10.9			2 00	
22	Wakayama	I	eP	06 50 57.2		1.0	12 13	– –	25	Local shock
22	Sukumo	0	eP	11 29 00.7		4 6.7	14	–	37 00	
22	Kameyama	0	eP_Z	21 43 38.2		6 44.0			17 00	
	Nagoya	0	eP_E	44 11.0					2 50	
	Kōbe	0	e_E	50 30.5						
22	Wakayama	I	eP	22 07 10.6		1.3	13 6	– –	35	Local shock
23	Wakayama	0	eP	00 46 48.0		0.5	4 2	– –	12	
23	Nagoya	0	eP_E	01 44 01.5					2 30	
	Hikone	0	P?	44 31.6					1 30	
23	Nara	I	P	11 – –						
	Ōsaka	0	eP	01 18.9		3.8			3 00	大阪府南部
	Wakayama	0	eP	01 19.2		6.5	14 7	– –	1 50	Spart of Ōsaka Pref. 34.4°N 135.6°E Shallow
	Owase	0	P	01 26.5		9.3			1 00	
	Kōbe	0	eS_H	01 28.2						
	Kameyama	0	eP	01 30.9		10.2			3 00	
	Hikone	0	P	01 32.9		14.1			1 30	
	Maizuru	0	eP	01 32.9		14.3			52	
	Takamatsu	0	eP	01 36.2		17.9			2 00	
	Ibukiyama	0	eP_N	01 38.3						

Date	Station	SI	Ph	Time (J.M.T) h m s	Initial-M. N μ	E μ	Z μ	P~S m s	Max. Amp. Amp. N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
	Nagoya	0	eP_E	01 47.9				10.1							3 20	
	Shionomisaki	0	S	02 45.5											28	
23	Ibukiyama	0	eP_E	11 46 35.6												
	Shionomisaki	0	eP	05 00 06.1				27							11	
	Shimizu	0	eP	17 46 16.5	+5	+4		4 8.0							12 00	
	Matsuyama	0	eP_N	46 23.9				3 59.5							19 00	
	Hiroshima	0	eP	46 24.6	+2	+1	+3	3 59.8							19 00	
	Murotomisaki	0	eP	46 26.1											6 00	
	Hamada	0	P	46 26.8	(+)	+2	(+)								25 00	
	Kameyama	0	e	46 28.7				e_3 4 15							14 00	
	Shionomisaki	0	S	46 34.5											13 00	
	Kōbe	0	eP_H	46 40.0				4 33.0							40 00	
	Owase	0		46 41.6											11 00	
	Ōsaka	0	eP	46 43.8				4 1.6							13 00	
	Nara	0	eP	46 44.1											8 00	
	Kyōto	0	eP	46 45.2				3 27.7							11 00	
	Hikone	0	P	46 50.1				4 17.9							15 00	
	Nagoya	0	eP_E	46 52.7											9 10	
	Hiroshima	0	P	47 48.2												
23	Wakayama	I	eP	20 56 15.0				07	11	7		-	-		20	Local shock
24	Wakayama	0	eP	02 32 47.4				09	8	3		-	-		18	
24	Shimizu	0	eP	10 01 43.1				15.0							2 00	
	Sukumo	0	eP	01 55.2				10.6							1 00	
	Matsuyama	0	eP_E	02 04.7				25.5							2 20	
	Takamatsu	0	eP	02 31.6				40.5							3 00	
24	Nagoya	0	eP_E	12 59 38.0				23.6							1 30	
	Hikone	0	P	59 44.4											2 30	
	Kameyama	0	e	59 45.8											3 00	
25	Kōbe	0	e_E	00 20 ~												
25	Shionomisaki	0	eL_E	00 43 56.2											25 00	
	Hamada	0	e_N	46 22.1												
	Takamatsu	0	eL?	52 54.2											27 00	
25	Wakayama	0	eP	04 34 52.0				1.2	4	6		-	-		15	
25	Nagoya	0	eP_E	13 48 54.1											48	
25	Wakayama	I	iP	23 08 45.9	-1	+1		05	8	16					25	
26	Kameyama	0	eP	18 02 21.5				6 9.1							15 00	
27	Wakayama	0	eP_E	02 45 25.6				3.8		5					50	
	Owase	0	P	45 34.2				9.8							46	
27	Nagoya	0	P_N	03 55 00.4				10.2							2 30	
	Hikone	0	P	55 04.1				10.4							1 40	
	Maizuru	0	eP	55 05.3				20.5							1 10	
	Kameyama	0	P	55 08.0	-1	(-)	+3	16.7							3 00	
	Ibukiyama	0	eP_E	55 09.1												
	Kyōto	0	eP	55 10.9				18.6							3 00	
	Nara	0	eP	55 15.3				21.0							4 00	
	Ōsaka	0	eP	55 26.5				14.8							2 30	
	Takamatsu	0	eP	55 41.3				36.5							2 00	
27	Kōbe	0	eP_E	08 00 ~												
	Kameyama	0	eP_E	00 10.8				7 50.1							25 00	

Date	Station	S.I.	Ph.	Time (J.M.T) h m s	Initial M N	E	Z	P~S m s	Max-Amp. Amp. N	E	Z	Period N	E	Z	P~F h m s	Remarks
					μ	μ	μ		μ	μ	μ	s	s	s		
	Nagoya	0	eP_N	00 11.3											2 20	
	Hikone	0	P	00 13.8											30 00	
	Ōsaka	0	e	00 19.9											3 10	
	Kyōto	0	e	00 26.6												
27	Wakayama	0	eP	22 52 07.4				1.0	7	4		–	–		15	
27	Matsuyama	0	eP_N	23 48 33.4				14.5							1'20	
	Shimizu	0	eP	48 36.4				14.9							1 30	
	Hiroshima	0	e	48 51.7											24	-
28	Owase	0	S?	06 46 49.8											14	
28	Murotomisaki	0	eP	09 38 25.2				29.2							2 00	
28	Kameyama	0	eP_E	12 40 47.3				8 56.7							31 00	
28	Shimizu	0	e	19 49 42.7												
	Shionmisaki	0	eP	49 53.7				4 13.2							23 00	
	Matsuyama	0	eP	49 59.5				3 51.5							22 00	Luzon
	Hiroshima	0	eP	50 03.3				3 59.6							28 00	region
	Owase	0		50 07.-											18	
	Hamada	0	eP	50 11.6				4 21.6							31 00	
	Takamatsu	0	eP	50 14.7				4 3.7							20 00	
	Kōbe	0	eP_H	50 19.8				4 15.1							35 00	
	Nara	0	eP	50 20.6											11 00	
	Kyōto	0	eP	50 21.3				4 8.9							25 00	
	Nagoya	0	eP_E	50 21.9											11 00	
	Ōsaka	0	eP	50 23.2				4 12.8							12 00	
	Kameyama	0	eP	50 23.7	(-)	(-)	(+)	4 22.4							26 00	
	Hikone	0	eP	50 23.8				4 21.5							35 00	
	Ibukiyama	0	eP_N	50 37.1												
29	Nagoya	0	eP_E	02 40 35.1				22.1							2 30	
29	Wakayama	0	eP_E	06 34 05.1				5.3		4		–			40	
	Murotomisaki	0	eP	34 27.7				0.7							48	
	Kameyama	0	eP?	34 29.3				20.2							2 00	
29	Takamatsu	0	eP	09 05 13.9				23.1							2 00	
29	Matsuyama	0	eP_N	15 24 35.8				47.0							2 00	徳島県東部
	Takamatsu	0	eP	24 49.0				6.6							2 00	E part of
	Wakayama	0	eP	24 50.1				9.5	14	7		–	–		2 00	Shikoku
	Murotomisaki	0	P	24 52.0				9.4							1 40	
	Ōsaka	0	eP?	24 56.7				18.3							2 30	33.9°N
	Owase	0	P	25 07.3				19.8							55	134.5°E
	Kōbe	0	iS_H	25 13.6												D≒10K
	Kameyama	0	eP	25 17.0				25.9							3 00	
	Hiroshima	0	eS	25 30.0											36	
	Nagoya	0	eP_N	25 52.6											1 10	
	Shionomisaki	0	eP_E	26 03.1				14.9							1 10	
29	Nagoya	0	eP_E	21 10 59.7				20.0							3 10	
	Kameyama	0	eP_E?	11 07.2				23.3							2 00	
	Hikone	0	P?	11 12.1				24.1							2 40	
	Ibukiyama	0	eS_N?	11 33.5												
	Kyōto	0	e	11 47.8												
30	Nagoya	0	eP_E?	14 43 20.8				3.0							49	
30	Kyōto	0	eP	18 50 07.1				3.7							3 00	京都府中部

International Seismological Centre

Date	Station	S.I.	Ph.	Time (J.M.T) h m s	Initial M. N E Z	P~S m s	Max. Amp. Amp N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
					μ μ μ			s s s		
	Hikone	0	P	50 154		84			1 00	Central
	Ōsaka	0	eP	50 159		52			1 30	part of
	Kameyama	0	eP	50 201		109			2 00	Kyoto Pref
	Kōbe	0	eS_H	50 205						35.0°N
	Nagoya	0	eP_E?	50 261		15.7			1 50	135.6°E
	Takamatsu	0	eP	50 273		21.6			2 00	Shallow
	Maizuru	0	eP	50 306		43			40	
31	Hikone	0	L?	23 05 40.0					45 00	
	Kameyama	0	eP_Z	14 494					46 00	
	Takamatsu	0	eP	15 032		8 283			55 00	
	Nagoya	0	eL_N	15 105					4 00	
	Hiroshima	0	eP_H?	23 142		e7 307			47 00	
	Shimizu	0	eL	23 222						
	Kōbe	0	eL_E	23 316						
	Hamada	0	eL	41 171						
	Shionomisaki	0	eL_N	41 307					20 00	

International Seismological Centre

3 1 年 10 月

Report of Earthquakes

地震観測表（地震計なき官署の分）（No Seismometer）

October, 1956.

Date	Station		Prefecture	S.I	Time	
	Roman	Japanese			h	m
2	Kito	木頭	Tokushima	Ⅰ	01	50
5	Saidaiji	西大寺	Okayama	Ⅱ	11	41
	Nagashima	長島	〃	Ⅱ	11	42
	Kuze	久世	〃	Ⅱ	11	42
	Kurami	倉見	〃	Ⅱ	11	42
	Tsuyama	津山	〃	Ⅰ	11	41
	Wake	和気	〃	Ⅰ	11	42
	Mitsuishi	三石	〃	Ⅰ	11	42
	Ushimado	牛窓	〃	Ⅰ	11	42
	Chii	知井	Kyōto	Ⅱ	16	11
	Kurisugawa	栗栖川	Wakayama	Ⅱ	17	58
	Ōsu	大洲	Ehime	Ⅰ	19	35
	Kurahashi	倉橋	Hiroshima	Ⅰ	19	35
	Kure	呉	〃	Ⅰ	19	35
10	Ōsu	大洲	Ehime	Ⅰ	18	43
	Ichikano	市鹿野	Wakayama	Ⅱ	21	02
	Shirahama	白浜	〃	Ⅰ	21	02
	Tadono	田殿	〃	Ⅰ	21	55
14	Higashinogami	東野上	Wakayama	Ⅱ	05	36
	Tadono	田殿	〃	Ⅱ	05	50
	Iwade	岩出	〃	Ⅱ	morning	
17	Tadono	田殿	〃	Ⅰ	14	41
18	Tsubakidomari	椿泊	Tokushima	Ⅰ	00	40
	Tadono	田殿	Wakayama	Ⅰ	00	44
19	Tadono	田殿	〃	Ⅱ	16	22
20	Higashinogami	東野上	〃	Ⅰ	16	45
	Tadono	田殿	〃	Ⅰ	23	31

International Seismological Centre

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanease			h	m
23	Oka	岡	Nara	I	11	00
	Ōuda	大宇陀	Nara	II	11	02
	Kōyasan	高野山	Wakayama	I	11	02
	Kojindake	荒神岳	Nara	II	11	03
24	Tadono	田殿	Wakayama	I	20	23
25	Hōshoji	法勝寺	Tottori	II	03	21
	Shōbara	庄原	Hiroshima	I	05	26
27	Shirahama	白浜	Wakayama	I	00	48
30	Funo	布野	Hiroshima	I	06	20
	Shirahama	白浜	Wakayama	I	15	07
	Sonobe	園部	Kyōto	II	18	50
	Chii	和井	〃	II	18	50
	Shimowachi	大和知	〃	II	18	51

10月地震回数表

Number of Earthquakes
October. 1956

Station \ S.I	0	I	II	III	IV	Total
Kinki Area (近畿地方)						
Hikone	28	1	—	—	—	29
Himeji	3	1	—	—	—	4
Ibukiyama	15	—	—	—	—	15
Kōbe	17	1	—	—	—	18
Kyoto	22	—	—	—	—	22
Maizuru	7	—	—	—	—	7
Nara	11	2	—	—	—	13
Ōsaka	15	—	—	—	—	15
Shionomisaki	15	—	—	—	—	15
Sumoto	30	1	1	—	—	32
Toyooka	13	—	—	—	—	13
Wakayama	27	12	4	—	—	43
Chūgoku Area (中国地方)						
Hamada	8	—	—	—	—	8
Hiroshima	12	—	—	—	—	12
Matsue	3	—	—	—	—	3
Okayama	2	—	1	—	—	3
Saigo	2	—	—	—	—	2
Tottori	3	—	—	—	—	3
Yonago	3	—	—	—	—	3
Shikoku Area (四国地方)						
Kōchi	22	—	—	—	—	22
Matsuyama	15	—	—	—	—	15
Murotomisaki	10	—	—	—	—	10
Shimizu	12	1	—	—	—	13
Sukumo	3	1	—	—	—	4
Takamatsu	23	1	—	—	—	24
Tokushima	17	—	—	—	—	17
Tsurugiyama	—	—	—	—	—	—
Uwajima	2	1	—	—	+	3

DOMINION OBSERVATORY
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International Seismological Centre

大阪管区

地震月報

昭和31年11月

The Monthly Report of EarthquaKes

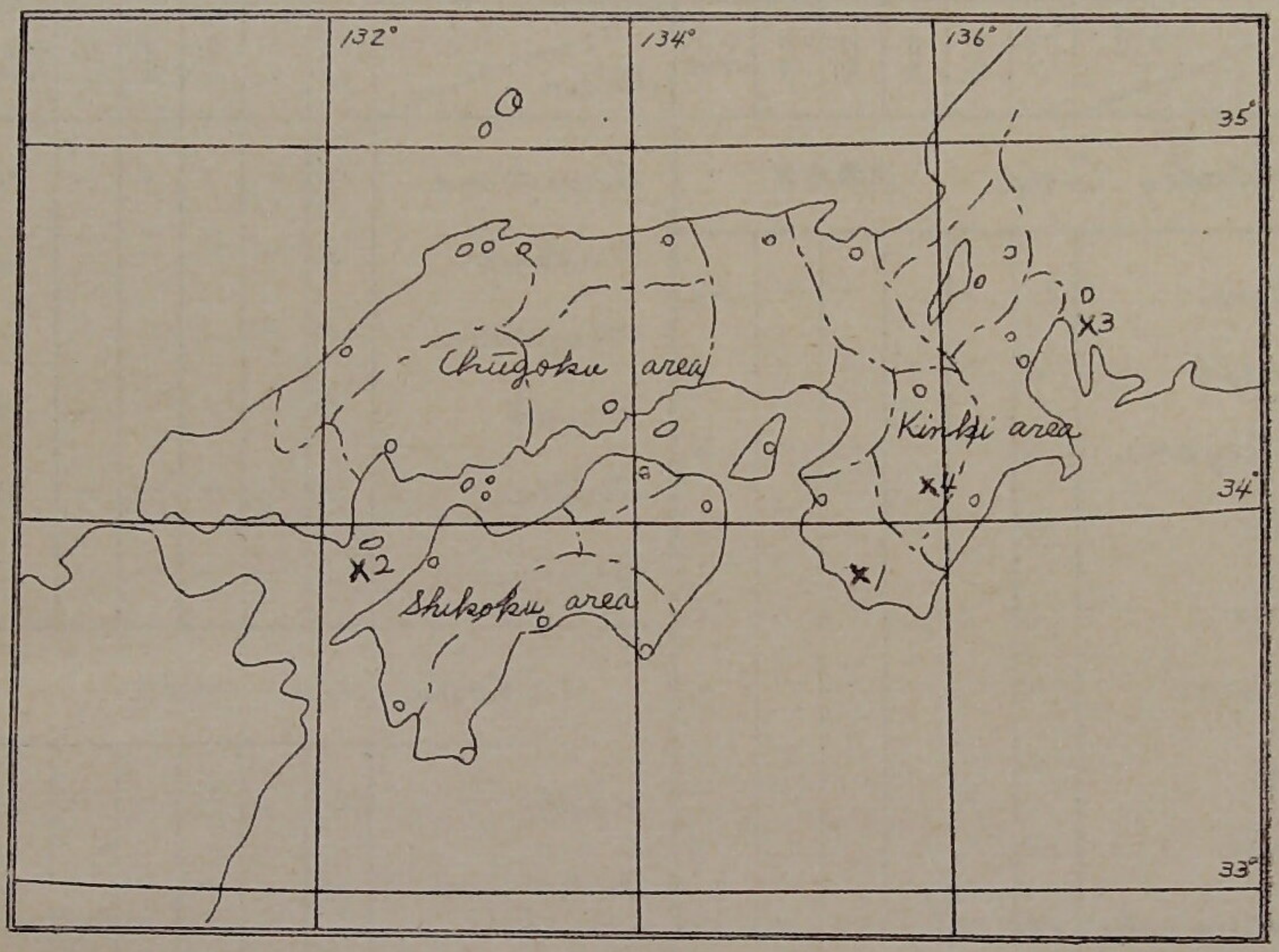
November 1956

Geophysics Division,
Dept. of Scientific & Industrial Research,
LIBRARY
SEISMOLOGICAL OBSERVATORY,

大阪管区気象台

The Osaka
District Meteorological Observatory
Japah

Epicenter of the major earthquakes, in west of Honshū. Nov. 1956



November 1956

NO	Date	Origin Time (J.S.T)	Epicenter				Max. S.I.	Remarks
			Location	Latitude	Longitude	Depth		
1	1	h m 21 39	和歌山県富田川中流域 SW part of Wakayama Pref.	N. ° 33 3/4	E ° 135.4	about Km 10	II	
2	2	20 34	安芸灘 W part of Inland Sea (Setonaikai)	33 3/4	132.2	about 10	III	
3	12	04 18	知多半島 Chita Pen., Aichi Pref.	34.9	136.9	shallow	II	
4	19	06 28	紀伊半島中部 Central part of Kii Pen.	34.2	135.9	about 40	III	

International Seismological Centre

11月地震回数表

Number of Earthquakes (Oct. 1956)

Station \ S.I.	0	I	II	III	IV	Total
Kinki Area (近畿地方)						
Hikone	21	1	—	—	—	22
Himeji	4	—	—	—	—	4
Ibukiyama	6	—	—	—	—	6
Kōbe	6	—	—	—	—	6
Kyōto	12	1	—	—	—	13
Maizuru	4	—	—	—	—	4
Nara	4	—	1	—	—	5
Ōsaka	12	1	-	-	-	13
Shionomisaki	10	—	1	—	—	11
Sumoto	23	—	—	—	—	23
Toyooka	6	—	—	—	—	6
Wakayama	18	7	1	—	—	26
Chugoku Area (中国地方)						
Hamada	9	—	—	—	—	9
Hiroshima	15	—	1	—	—	16
Matsue	6	—	—	—	—	6
Okayama	4	—	—	—	—	4
Saigō	7	—	—	—	—	7
Tottori	3	—	—	—	—	3
Yonago	2	—	—	—	—	2
Shikoku Area (四国地方)						
Kōchi	21	1	—	—	—	22
Matsuyama	16	1	—	—	—	17
Murotomisaki	7	—	—	—	—	7
Shimizu	11	—	—	—	—	11
Sukumo	3	—	—	—	—	3
Takamatsu	24	—	—	—	—	24
Tokushima	26	1	—	—	—	27
Tsurugiyama	1	1	—	—	—	2
Uwajima	1	1	—	—	—	2

International Seismological Centre

昭和31年11月　　Nov 1956

地震観測表　　Seismological Report

Date	Station	S.I.	Pha.	Time (J.M.T.) h m s	Initial M. N E Z	P~S m s	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m s	Remarks
1	Nagoya	0	eP_E	01 41 24.8	〃 〃 〃	22.8	〃 〃 〃	S S S	2 20	
	Hikone	0	P?	41 31.6		29.8			2 —	
1	Kameyama	0	eP?	02 41 22.5		28.9			3 —	
1	Owase	0	P	08 14 58.7		36			21 —	
1	Shionomisaki	0	eP	21 39 58.1		66			1 50	和歌山県
	Wakayama	I	eP	40 56.6		68	29 39	— —	1 30	富田川中流域
	Samoto	0	eP_H	40 59.3		95			45	SW part of
	Tokushima	0	iP_E	41 01.4		104			1 20	Wakayama
	Owase	I	P	41 01.4		99	8 11 5	04 04 —	55	Pref.
	Ōsaka	0	eP	41 13.9		102			1 20	33 3/4°N
	Kyōto	0	eS	41 22.1						135.4°E
	Nagoya	0	eP_E	41 40.8					1 10	D≒10K
1	Wakayama	0	eP_N	22 11 30.3		13	4	—	25	
1	Kōchi	0	eP	22 22 54.5		04	16 16	— —	10	
1	Kameyama	0	eP_E?	22 41 17.1		19.0			3 —	
1	Kameyama	0	eP	23 21 24.1		29			40	
2	Wakayama	I	eP	03 39 54.9		06	24 27	— —	38	Local shock
2	Matsuyama	0	eP_N	11 24 48.3						
2	Matsuyama	I	iP_E	20 34 32.1	+1 -6 -7	7.0	164 231 57	03 03 02	3 50	安芸灘
	Uwajima	I	iP	34 34.1		7.9			1 10	W part of
	Hiroshima	II	P	34 35.8	-2 -3	9.0	40 45 18	02 02 02	2 40	Inland
	Sukumo	0	eP	34 38.3		7.0			1 10	Sea
	Kōchi	I	iP	34 40.9	+9 -7 -5	11.9	10 16 14	— — —	1 40	(Setonaikai)
	Shimizu	0	eP	34 41.0		16.4			2 —	33 3/4°N
	Okayama	0	eP	34 48.0		22.4			2 —	132.2°E
	Takamtsu	0	eP	34 49.8		29.5			4 —	D≒10K
	Murotomisaki	0	P	34 49.9		22.3			1 30	
	Tokushima	0	eP_E	34 56.1	+2.	23.3			3 10	
	Matsue	0	eP	34 56.6		32.8			2 —	
	Sumoto	0	e	34 59.2					3 30	
	Kameyama	0	eP_E	35 07.5		46.8			4 —	
	Saigo	0	e	35 18.5					1 50	
	Ōsaka	0	e	35 27.1					4 30	
	Hikone	0	eP	35 37.8					3 —	
	Nagoya	0	eP_E	35 45.5					3 40	
2	Hiroshima	0	e	21 24 59.6					15	
3	Kōchi	0	eP	08 16 21.6		1.0			10	
3	Kameyama	0	eP	18 17 56.8		33.3			3 —	
	Hikone	0	P?	17 59.2		36.9			2 20	
	Nagoya	0	e_E	18 18.9					2 10	
3	Wakayama	0	eP_E	21 02 50.3		09	7	—	25	
4	Nagoya	0	eP_E	14 37 58.8		35.6			12 —	
	Ibukiyama	0	iP_E	38 04.0	-8	38.5	238 285	13 08		

Date	Station	S.I.	Pha.	Time (J.M.T.) h	m	s	Initial M N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
	Kameyama	0	iP_E		38	04.9	(+)1μ	+2μ	-4μ		36.4	99μ	100μ	74μ	2.5s	2.2s	2.3s		20	—	
	Hikone	0	P		38	06.6		(+)	(-)		36.5	211	165		1.3	1.5			17	—	
	Owase	0	P		38	12.5					54.0								6	30	
	Kyōto	0	eP		38	13.9					48.6								10	—	
	Nara	0	eP		38	16.0					50.2	213	142		2.9	2.0			9	50	
	Maizuru	0	eP		38	16.4					56.8								6	10	
	Ōsaka	0	eP_E		38	16.9					56.3	230	188	136	3.0	3.7	4.2		12	—	
	Shionomisaki	0	eP		38	17.2					57.5								8	10	九十九里浜
	Wakayama	0	eP		38	21.1					46.0								5	20	
	Kōbe	0	eP_H		38	22.3					57.6								15	—	
	Himeji	0	eP		38	23.8				1	6.6								9	—	E coast
	Sumoto	0	iP_H		38	24.2	(+)	+1			50.7								13	—	of
	Tokushima	0	eP_E		38	28.3				1	9.0								8	30	Chiba
	Toyooka	0	eP		38	30.3					52.7								11	—	Pref.,
	Tottori	0	eP_N		38	31.1				1	2.3								5	20	Central
	Tsurugisyama	0	eP		38	31.2				1	21.3								5	30	Honshū
	Okayama	0	eP		38	32.3				1	22.7								3	40	
	Takamatsu	0	eP		38	34.1				1	19.6								7	—	
	Saigō	0	eP		38	34.7				1	26.2								7	30	
	Murotomisaki	0	P		38	37.8					31.2	17			1.2				12	00	
	Kōchi	0	eP		38	42.4				1	6.3								7	—	
	Matsue	0	eP		38	46.0				1	32.2								9	30	
	Matsuyama	0	eP_E		38	47.5				1	20.5								10	—	
	Shimizu	0	eP		38	49.4				1	36.3								14	—	
	Hiroshima	0	eP		38	50.7	(-)	(-)	(+)	1	18.4								2	30	
	Hamada	0	eP		38	55.9				1	14.3								10	—	
	Uwajima	0	eP		38	57.2				1	35.4								5	00	
4	Nagoya	0	eP_E	15	53	33.4													1	20	
4	Kameyama	0	eP?	16	17	14.3				9	1.0								21	—	
4	Kameyama	0	eP	17	39	42.8					32.6								2	—	
5	Tsuruguyama	I	iP	00	59	22.3					1.6									9	剣山附近
	Takamatsu	0	eP		59	36.6					4.7								1	—	E part of Shikoku
5	Nagoya	0	P_E	03	44	39.1														40	
5	Wakayama	0	eP	05	18	44.6					7.8								1	00	紀伊水道
	Tokushima	0	iP_N?		18	46.0					6.6									30	Kii channel
	Sumoto	0	eP_H		18	49.8					6.2									30	W of Japan
5	Wakayama	0	eP	13	54	32.1					2.7	17	14		—	—				40	和歌山県
	Sumoto	0	P_N		54	34.3					6.3									45	湯浅附近
	Tokushima	0	eP_E		54	35.7					10.8								1	20	W part of
	Ōsaka	0	eP		54	41.-					15.-								2	30	Wakayama
	Owase	0	P		54	42.5					11.5									41	pref.
	Takamatsu	0	eP		54	44.7					13.0								2	—	34.0°N
	Kameyama	0	eP_E		54	51.6					18.7								2	—	135.1°E
	Matsuyama	0	eP_N		55	03.2					25.0								1	50	D≒10K
	Shionomisaki	0	iP		55	51.1														50	
6	Hiroshima	0	P	09	19	41.2														27	
6	Wakayama	0	eP_E	12	53	45.6					2.5		8			—				25	
6	Wakayama	0	eP	15	09	32.0					3.3	13	25		—	—				25	

Date	Station	S.I.	Pha.	Time (J.M.T.) h m s	Initial M. N μ	E μ	Z μ	P~S m s	Max. Amp. Amp. N μ	E μ	Z μ	Period N s	E s	Z s	P~F h m s	Remarks
6	Sumoto	0	e_H	20 59 31.9												
6	Matsuyama	0	eP_N	23 19 37.2				47.0							2 30	
	Kōchi	0	eP	20 04.3												
	Takamatsu	0	e_H	20 10.3											6 —	
	Hiroshima	0	eP	20 12.2	-1	(-)	-3								12 —	
	Ōsaka	0	eP	20 14.5											3 —	
	Kameyama	0	P_E	20 16.7											21 —	
	Kyōto	0	eP	20 18.4				33.5							6 —	
	Hikone	0	P	20 20.6												
8	Kameyama	0	e_E	16 00 41.2											14 —	
	Tokushima	0	eP_E	00 45.2											2 20	
9	Takamatsu	0	e_H	00 50 04.1											3 —	
	Tokushima	0	e_N	50 21.1											1 50	
9	Nagoya	0	eP_E	12 18 01.7											1 40	
9	Wakayama	0	e	15 40 12.0											30	
10	Wakayama	0	eP	01 12 00.6				0.7	7	3		—	—		20	
10	Nagoya	0	e_E	03 12 56.0											47	
10	Shimizu	0	e?	23 44 36.5												
	Kōchi	0	eP	44 48.1												
	Takamatsu	0	eP	44 56.9				4 5.0							10 —	
	Tokushima	0	eP	45 00.7				4 21.8							6 30	
	Kyōto	0	e	45 09.3											2 —	
	Kameyama	0	eP_E	45 12.2											13 —	
	Hikone	0	P	45 14.7											8 —	
	Nagoya	0	eP_E	45 19.1											3 20	
	Ōsaka	0	e	45 38.0											3 —	
11	Tokushima	0	iS	19 15 30.0											40	
12	Wakayama	I	eP	02 31 56.5				0.8	8	3		—	—		18	Local shock
12	Hikone	0	P	04 18 35.2											6 30	
	Kameyama	0	e_E	18 44.2											5 —	
	Nagoya	0	e_E	18 57.1											4 40	
	Takamatsu	0	eP	19 04.7											10 —	
	Tokushima	0	eP	19 06.0											4 50	
12	Nagoya	I	P_E	09 58 35.8				4.0	118	107		—	0.6		8 —	知多半島
	Kameyama	II	iP	58 40.2				7.1	58	90	40	—	—	—	8 —	Chita Pen.,
	Hikone	0	P	58 45.6				10.0							5 10	Aichi Pref.
	Owase	0	P	58 50.3				13.8							2 50	34.9°N
	Nara	0	eP	58 51.5				12.9							4 40	136.9°E
	Kyōto	0	eP	58 52.2				13.0							3 —	Shallow
	Ōsaka	0	eP	58 56.9				15.1							4 20	
	Maizuru	0	eP	58 59.1				18.4							3 00	
	Wakayama	0	eP?	59 00.5				26.0	19	8		—	—		2 30	
	Shionomisaki	0	eP_E	59 01.4				25.8							3 00	
	Toyooka	0	eP	59 06.9				24.7							4 —	
	Kobe	0	eP?	59 08.—												
	Tokushima	0	eP_E	59 12.1				19.6							3 40	
	Sumoto	0	eP_H	59 13.9											1 40	
	Takamatsu	0	eP	59 16.0				38.7							3 —	

Date	Station	S.I.	Pha.	Time (J.M.T.)			Initial M.			P~S	Max. Amp.						P~F			Remarks
											Amp.			Period						
				h	m	s	N	E	Z	m s	N	E	Z	N	E	Z	h	m	s	
	Kōchi	0	eP_E		59	32.0	μ	μ	μ	42.5	μ	μ	μ	s	s	s		1	30	
	Matsuyama	0	eP_N		59	38.1				40.0								2	10	
12	Nagoya	0	eP_N	18	18	56.6				33								1	40	
	Hikone	0	eS		19	08.4													50	
13	Wakayama	0	eP	00	40	57.4				07	4	2		–	–				10	
13	Wakayama	I	eP	16	03	57.0				2.5	15	17		–	–				20	Local shock
13	Nagoya	0	eP_N	16	46	29.5												1	40	
13	Murotomisaki	0	P	19	14	57.4				6.9								1	50	室戸岬沖?
	Shimizu	0	eP		15	00.7				9.9								3	–	S off
	Kōchi	0	eP		15	01.3				10.1									50	Shikoku?
	Takamatsu	0	eP		15	18.9				15.9								3	–	
	Okayama	0	eP		15	28.5				15.6								1	40	
	Tokushima	0	iP		15	32.9				11.6								1	20	
	Sumoto	0	eP_H?		15	37.2				7.2									35	
13	Kōchi	0	eP	23	43	37.8				3 52.4										
	Takamatsu	0	eP		43	46.2				4 05								11	–	
	Tokushima	0	eP_N		43	52.6				3 56.8								5	30	
	Kameyama	0	eP		43	59.5												4	–	
	Hikone	0	P		44	04.5												2	40	
14	Nagoya	0	eP_N	02	49	54.0												1	20	
14	Wakayama	0	eP?	05	05	57.4				1.7	12	20		–	–			1	30	
	Sumoto	0	eP_H?		06	04.9				4.3									15	
14	Nagoya	0	eP_E	07	46	47.0				2.3									44	
	Kameyama	0	e		47	00.1												1	–	
14	Takamatsu	0	eP	10	00	17.6				2 51.2								5	–	
14	Murotomisaki	I	P	23	34	19.5				2.2		2.4			1.0				59	室户岬附近
	Kōchi	0	eP		34	25.5				6.5									25	S part of
	Takamatsu	0	eP		34	34.1				12.6								2	00	Shikoku
	Tokushima	0	iP		34	41.3				2.2									50	
	Sumoto	0	e_N		34	53.5													40	
15	Nagoya	0	eP_E	04	27	04.7				e_N 54.7								5	–	
	Kameyama	0	eP_E?		27	13.9				48.9								5	–	
	Hikone	0	P?		27	21.7												3	20	
	Kyōto	0	e		28	47.8												2	–	
15	Kameyama	0	e	12	57	37.0													30	
16	Shionomisaki	0	e	03	29	53.9												1	50	
16	Kōchi	0	eP_H	17	55	20.3														
	Tokushima	0	eP		55	23.3												8	30	
	Takamatsu	0	e_H		55	25.6				3 –										
	Kameyama	0	e_E		55	28.4												5	–	
16	Kōchi	0	eP_E	20	48	30.4				3 50.2								13	–	
16	Hamada	0	e_E	20	56	12.7														
17	Kameyama	0	eP_E?	03	28	14.2				34.0								4	–	
	Kyōto	0	e		28	48.6				e 34.9								2	–	
	Nagoya	0	eP_E		28	48.8												2	50	
	Hikone	0	S		28	50.4												1	30	
18	Wakayama	0	eP	00	23	20.5				1.2	11	11		–	–				40	和歌山附近
	Sumoto	0	eP_H?		23	24.9				4.0									15	Near Wakayama

Date	Station	S.I.	Pha.	Time (J.M.T.) h m s	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
					μ	μ	μ			μ	μ	μ	s	s	s				
18	Wakayama	0	eP	01 08 55.3					07									10	
18	Kameyama	0	eP	10 49 15.7					38.3								6	—	
	Nagoya	0	eP_N	49 16.4					37.5								4	20	
	Hikone	0	P	49 18.5													5	—	
	Sumoto	0	eP_H?	49 18.9														50	
	Tokushima	0	eP_E	49 25.0													3	20	
	Takamatsu	0	e_N	49 30.3				3	—										
18	Hiroshima	0	P	14 14 39.6	(−)				6.2								1	—	
19	Hamada	0	eP	06 23 04.5					30.8										
	Shimizu	0	eP	23 56.8					46.8								4	30	
	Matsuyama	0	eP_N	24 05.4				1	1.5								5	10	
	Kōchi	0	eP	24 08.5					58.4								5	—	
	Hiroshima	0	eP	24 10.4				1	17.1								5	40	
	Takamatsu	0	eP	24 19.2				1	47.7										
	Tokushima	0	eP_E	24 20.3					33.1								5	—	
	Sumoto	0	e_H	24 26.2															
	Kyōto	0	eP	24 38.4				2	28.3										
	Osaka	0	eP	24 41.5				2	8.2										
	Kameyama	0	eP_E	24 44.8				1	54.1										
	Hikone	0	P	24 44.8				2	27.0								7	—	
	Nagoya	0	eP_E	25 00.5													2	40	
	Matsue	0	eP	25 23.5					32.3								3	50	
	Murotomisaki	0	P	25 56.3					20.1								4	00	
	Saigō	0	eP_H	26 14.8					41.6										
	Tottori	0	eP_N	26 16.0					20.5								1	50	
	Hamada	0	eP	27 56.7					31.3								5	—	
19	Wakayama	II	iP	06 28 34.7	+2	+1			8.3	275	120		—	—			4	—	紀伊半島中部
	Nara	II	eP	28 40.3					7.4	317	317		—	—			2	20	Central
	Awase	II	iP	28 40.7	+5	−36	−81		7.8			94			0.8		3	30	part of
	Osaka	I	eP	28 41.0					8.0	196	163	72	1.2	1.2	1.7		6	40	Kii Pen.,
	Kyōto	I	iP	28 42.9	+5	−2	+17		10.1	428	182	77	0.7	0.5	0.9		4	—	W of
	Kōbe	0	eP_H	28 43.6					9.4	50	75		0.5	1.0			7	20	Honshū
	Sumoto	0	P	28 43.9					10.7	51			0.6				6	30	34.2°N
	Shionomisaki	II	iP	28 44.4	−8	(−)	+20		11.7	80	86	53	2.1	2.1	1.6		4	20	135.9°E
	Kameyama	II	P	28 44.7	(−)	(−)	−3		10.8								8	—	D ≒ 40 Km
	Hikone	I	iP	28 46.1	+11	+9	+12		12.4	167	178		0.8	0.8			7	—	
	Himeji	0	eP_H	28 48.4					13.2								7	20	
	Tokushima	I	iP	28 48.7	−2	−13			12.7	95	93		1.5	1.5			4	20	
	Ibukiyama	0	eP_E	28 49.6					12.8										
	Maizuru	0	iP	28 50.2					15.0								2	50	
	Nagoya	I	P_E	28 52.4					17.5	146	126	66	1.2	2.0	1.4		6	40	
	Takamatsu	0	iP	28 52.9					18.1								5	—	
	Toyooka	0	eP_H	28 54.0					17.9								3	—	
	Okayama	0	iP	28 55.0	−6	+8	−3		19.5								2	50	
	Tottori	0	eP_N	28 59.5					19.4								2	—	
	Kōchi	0	eP	29 00.9					22.9										
	Matsuyama	0	eP_N	29 05.3					32.0								3	30	
	Shimizu	0	eP	29 00.7					35.4								2	—	

Date	Station	SI	Pha	Time (J.M.T.) h	m	S	Initial M N	E	Z	P~S m	S	Max · Amp Amp N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
	Yonago	0	P		29	07.0	μ	μ	μ		26.4	μ	μ	μ	s	s	s		4	00	
	Hiroshima	0	eP		29	11.4		(+)			31.4								2	20	
	Matsue	0	eP		29	20.1					18.9								4	10	
	Saigō	0			29	40.8															
19	Hamada	0	eP	07	57	23.3					1.4									23	
19	Kameyama	0	eP_E?	20	06	38.0				2	5.5								20	—	
	Kōchi	0	eP_E		07	31.0				4	22.4								19	—	
	Sumoto	0	eP_H?		07	35.4													18	—	
	Tokushima	0	eP?		07	43.9				4	6.1								12	—	
	Hamada	0	eP		07	49.8				3	58.5								36	—	
	Hiroshima	0	eP_H		08	01.8				3	54.4								19	—	
	Ōsaka	0	e		08	32.1													10	—	
20	Nagoya	0	eP_E	04	23	39.0														56	
20	Murotomisaki	0	eP	12	34	46.2					11.1									46	
20	Matsuyama	0	eP_N	17	18	44.7					35.0								1	40	
20	Shimizu	0	eP	19	32	55.8					11.9								3	30	
	Matsuyama	0	eP_N		33	05.5					33.0								3	20	
	Kōchi	0	eP		33	22.6					14.2								3	—	
	Takamatsu	0	eP		33	27.6					46.8								4	—	
	Hiroshima	0	e		33	30.0													3	—	
20	Tokushima	0		19	34	~													3	—	
	Kameyama	0	e		34	49.7													2	—	
20	Kameyama	0	e_E	21	05	51.0													3	—	
	Hikone	0	S?		05	54.0													2	20	
	Nagoya	0	eP_E		05	55.2													1	10	
21	Hiroshima	0	eP	09	34	23.4					7.3									47	
21	Nagoya	0	P_E	11	15	31.6													1	—	
21	Ibukiyama	0	eP_E	16	34	46.9				1	12.6										
	Nagoya	0	P_E		34	49.5				1	4.3	18.7	19.4	6.1	2.7	2.6	2.0		12	—	金華山北東沖
	Hikone	0	P		34	56.0	-7	-11	+6	1	8.3	8.3			1.7				10	—	E off
	Kameyama	0	P		34	56.4	(+)	(+)	(+)	1	4.8	6.8	7.4		4.0	4.0			20	—	Miyagi
	Kyōto	0	eP		35	01.1	(−)	(+)	(−)	1	8.8								15	—	Pref.,
	Maizuru	0	eP		35	03.2				1	10.0								7	—	N of
	Ōsaka	0	eP_E		35	05.0				1	21.9	12.2	15.7	7.4	4.0	3.9	3.0		17	—	Honshū.
	Owase	0	P		35	05.5				1	21.7								7	—	
	Toyooka	0	eP		35	07.7	-5	-9	+8	1	16.6								8	—	
	Himeji	0.	e_H		35	11.1													12	—	
	Shionomisaki	0	eP		35	11.1				S 1	39.1	1.5	1.6	0.9	3.7	2.9	4.2		15	—	
	Wakayama	0	eP		35	12.8				1	22.0								8	—	
	Kōbe	0	eP_H		35	13.8				1	36.0								25	—	
	Sumoto	0	eP		35	14.3				1	20.5								16	—	
	Tokushima	0	eP_E		35	18.6				1	20.4								10	—	
	Saigō	0	iP_G		35	21.4				1	34.4								7	—	
	Takamatsu	0	eP		35	21.8				1	44.5								17	—	
	Yonago	0	P		35	25.8													5	—	
	Matsue	0	eP		35	26.5				1	31.0								11	—	
	Kōchi	0	eP		35	32.8				1	34.1								12	—	
	Hiroshima	0	eP		35	37.7		(−)	(+)	1	36.9								18	—	

Date	Station	SI	Pha	Time (J.M.T)	Initial M			P~S	Max · Amp						P~F			Remarks
									Amp			Period						
				h m s	N	E	Z	m s	N	E	Z	N	E	Z	h	m	s	
					μ	μ	μ		μ	μ	μ	s	s	s				
	Matsuyama	0	eP$_N$	35 38.6				1 45.5								12	—	
	Hamada	0	eP	35 41.4				1 42.9								18	—	
	Shimizu	0	eP	35 44.8				1 49.6								12	—	
21	Nagoya	0	eP$_E$	19 30 02.4												2	—	
21	Matsuyama	0	eP$_N$	21 39 25.3				26.0								1	40	
21	Shimizu	0	eP	22 14 04.0				13.7								1	30	
	Matsuyama	0	eP$_N$	14 19.0				27.0								2	20	
	Takamatsu	0	eP	14 27.9														
	Hiroshima	0	eP	14 34.9				21.6								1	20	
	Tokushima	0	eE	15 23.7												1	30	
22	Kōchi	0	eP	01 23 33.9				0.9									10	
22	Wakayama	I	eP	15 16 58.2				07	47	22		—	—				35	和歌山附近
	Sumoto	0	eP$_H$?	17 01.4				3.9									15	near Wakayama
22	Sumoto	0	eP$_H$	22 07 16.1				2.0									20	
23	Sukumo	0	eP	00 50 14.4				8.8								40	—	
	Matsuyama	0	eP$_N$	50 32.9				15.0								1	—	
23	Matsuyama	0	eP$_N$	07 59 40.4														
23	Sumoto	0	P	11 01 24.0				8.0								2	20	
	Tokushima	0	eP	01 31.7				12.6								1	30	
	Toyooka	0	iE?	01 53.3														
23	Kōchi	0	iP	17 46 25.5	+7	+5	+5	4 12.3								21	—	
	Tokushima	0	eP	46 33.3	+2	+2		4 18.8								10	—	
	Sumoto	0	iP	46 37.2	+1	+1	+1	4 17.3								18	—	
	Toyooka	0	eP	46 55.0														
23	Kōchi	0	iP	18 20 08.1				1.2									10	
23	Sumoto	0	eP$_H$?	20 56 21.4				3.3									15	
24	Wakayama	I	eP	02 46 26.7				1.0	10	22		—	—				35	Local shock
24	Tokushima	0	eP$_E$?	10 02 35.4				16.7								2	10	
24	Nagoya	0	eP$_E$	21 00 48.2												1	40	
25	Kōchi	0	eN	00 21 02.1														
25	Sumoto	C	eL	00 54 11.8												12	—	
25	Wakayama	0	eP?	05 10 27.9				4.5	19	11		—	—				40	
	Sumoto	0	eP$_H$?	10 37.3				1.4									25	〃 〃
	Shionomisaki	0		10 48.4	+3	−3											35	
25	Tokushima	0	eS	13 47 59.7													50	
25	Shionomisaki	0	eP	16 41 04.1	−10	+8		2.1									25	
25	Tokushima	0	iP$_N$?	19 02 49.5				5.6									40	四国南東部
	Takamatsu	0	eP	02 49.6				8.6								2	—	SE part of
	Kōchi	0	eP	02 49.7				4.4									20	Shikoku
26	Ibukiyama	0	eP$_E$	02 12 47.2														
	Nagoya	0	eP$_E$	12 51.0				4.33								2	40	
	Hikone	0	eP	12 54.4				4.92								3	—	
	Komeyama	0	eP$_E$	13 09.0				1 2.4								4	—	
26	Owase	0	P	16 41 23.5													27	
27	Kōchi	0	eP	08 00 06.2														
	Tokushima	0	eP	00 15.0												1	20	
27	Tokushima	0	eE	08 40 25.8												2	30	
	Kyōto	0	e	40 27.6												2	—	

Date	Station	SI	Phase	Time (J.M.T) h	m	s	Initial Motion N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Nagoya	0	e_E		40	28.4													1	40	
27	Nagoya	0	eP_E	15	56	21.4													1	30	
	Kameyama	0	eP		56	24.9				6.6									1	—	
27	Wakayama	I	eP	21	02	19.8				0.6		37	32		—	—				50	Local shock
28	Wakayama	0	eP	00	07	10.5				0.9		19	15		—	—				45	
	Sumoto	0	e_H		07	26.3														10	
28	Nagoya	0	eP_E	11	48	28.1													1	40	
28	Hiroshima	0	eP	14	20	21.0				4.5										23	
28	Kōchi	0	eP	19	50	04.6				3	50.1								19	—	
	Tokushima	0	eP_N		50	09.8				4	35.3								17	—	
	Sumoto	0	e_H		50	15.8													25	—	
	Toyooka	0	eP		50	21.8															
29	Kameyama	0		01	32	58.4													10	—	
	Nagoya	0	eP_N		33	05.8													5	—	
	Hikone	0	P?		33	06.7													8	—	
29	Nagoya	0	eP_E	04	31	42.6													13	—	千島列島北部 Kuril Is.
	Obukiyama	0	eP_E?		31	44.3															
	Hikone	0	P		31	47.4				3	37.1								15	—	
	Kyoto	0	eP		31	49.8				3	53.7								15	—	$49\frac{1}{2}°$ N
	Kameyama	0	eP_E		31	48.0				3	59.7								18	—	155° E
	Toyooka	0	eP		31	50.6															
	Ōsaka	0	eP_E		31	55.5													11	—	
	Owase	0	P?		31	55.8				3	55.1								10	—	
	Kōbe	0	eP_H		31	56.0				3	55.9								35	—	
	Saigō	0	eP_H		31	56.8				3	35.3								7	10	
	Sumoto	0	eP_N		32	01.6				3	50.5								21	—	
	Shionomisaki	0	eP_H		32	02.9				3	24.1								20	—	
	Tokushima	0	eP		32	03.4				3	58.1								20	—	
	Takamatsu	0	eP		32	05.8				4	2.6								28	—	
	Hiroshima	0	eP		32	13.9	(−)	(−)	+0.1	4	6.4								17	—	
	Hamada	0	eP		32	13.9				4	0.2								30	—	
	Murotomisaki	0	P		32	14.7													2	30	
	Kōchi	0	eP		32	15.0				4	1.8								18	—	
	Matsuyama	0	eP_N		32	15.8				4	4.0								17	—	
	Shimizu	0	eP		32	25.7				4	10.8								18	—	
	Hiroshima	0	eL_N		38	57.0															
29	Tokushima	0	iP	06	34	09.1					44									50	
	Sumoto	0	eP_H?		34	11.2					3.6	?								35	
29	Tokushima	0	iP_N?	09	05	10.3					44									45	
29	Sumoto	0	eP_H?	10	55	32.0					1.7									15	
29	Tokushima	II	iP	15	24	44.1					2.6	73	73		1.4	1.4			2	40	徳島県東部
	Sumoto	0	eP		24	50.3					9.0								1	30	E part of
	Kōchi	0	eP		24	54.7					10.3									45	Shikoku
	Tsurugiyama	I			28	—															
29	Kameyama	0	e	16	18	21.4														15	—
	Sukumo	0	eP		18	28.4				2	13.0	48			11.0				1	27	—
	Kōchi	0	S		21	48.2														10	—
29	Shionomisaki	0	P	18	17	24.1	−4	+3	−3	SH	31.5	99	78	23	8.7	9.9	9.6		1	18	—

International Seismological Centre

Date	Station	SI	Pha	Time (J.M.T.) h m s	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Period N	E	Z	P~F h m s	Remarks
	Owase	0	iP	17 304	+6μ	−5μ	(+1)μ	2	11.8	34μ	54μ	33μ	9.1s	11.3s	8.9s	45 —	
	Nagoya	0	eP_N	17 37.5				1	50.6							33 —	
	Nara	0	eS?	17 39.9				2	7.2							28 —	
	Tokushima	0	eP_E	17 40.3				1	51.7							50 —	仗
	Sumoto	0	eP_H	17 40.8	−1	−2	(−)	1	46.2	35	39		9.2	9.6		52 —	矢島西方沖
	Shimizu	0	eP	17 41.2				1	35.9	81	61		4.2	4.6		53 —	
	Ōsaka	0	eP	17 43.4				1	47.9	155	100	92	4.0	3.7	3.4	28 —	Bonin Is.
	Matsuyama	0	eP_H	17 43.5				2	1.5	72	30	16	9.6	11.1	10.3	47 —	
	Kōchi	0	eP	17 43.8				1	28.8	335	295	120	10.8	9.2	8.9	47 —	
	Kyōto	0	eP_N	17 44.1	(+)	(+)	(+)	1	51.4							1 00 —	
	Kobe	0	eP_H	17 44.4				1	43.4	35	45		4.8	3.4		1 20 —	
	Hakone	0	P	17 45.4	(−)	(+)	(−)									45 —	
	Kameyama	0	eP	17 46.8	−4	+3	−1	1	45.2	74	72		9.1	10.1		1 4 —	
	Ibukiyama	0	eP_E	17 47.0													
	Takamatsu	0	eP	17 48.1				2	31.0							42 —	
	Himeji	0	eP_N	17 48.6				2	52.1							42 —	
	Toyooka	0	eP	17 54.7				2	24.4							4 —	
	Hiroshima	0	eP	18 01.6	(+)	(−)	(+)	2	5.0			26			8.9	48 —	
	Yonago	0	P	18 05.7				2	49.1							46 —	
	Hamada	0	P	18 09.4	+5	−4	+5	2	17.5							1 18 —	
	Saigō	0	eP?	18 11.4				2	15.7							31 —	
	Matsue	0	P	18 15.5				3	12.8							37 —	
29	Kōchi	0	eS_E	23 41 26.7												16 —	
30	Sumoto	0	eP_H	12 29 13.4				17								10	
30	Wakayama	0	eP	18 24 52.6				1.1		10	7		—	—		15	
30	Kameyama	0	e	23 43 21.6												3 —	
	Nagoya	0	eP_E	43 23.9												1 40	
	Hikone	0	P	43 30.2												1 40	
	Tokushima	0	eP	43 37.0												2 20	
	Takamatsu	0	e_H	43 40.5												5 —	

International Seismological Centre

３１年１１月

Report of Earthquakes

地震観測表（地震計なき官署の分）（No Seismometer）

Nov 1956

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanease			h	m
1	Shirahama	白浜	Wakayama	Ⅱ	21	41
2	Kusatsu	草津	Hiroshima	Ⅱ	20	34
	Hatsukaichi	廿日市	〃	Ⅱ	20	34
	Kurahashi	倉橋	〃	Ⅱ	20	35
	Kakei	加計	〃	Ⅱ	20	35
	Yutaka	豊	〃	Ⅱ	20	35
	Etajima	江田島	〃	Ⅱ	20	35
	Kōchi	河内	〃	Ⅰ	20	35
	Matsunaga	松永	〃	Ⅰ	20	35
	Saheki	佐伯	〃	Ⅱ	20	37
	Matsunaga	松永	〃	Ⅰ	20	35
4	Shirahama	白浜	Wakayama	Ⅰ	23	34
10	Tadono	田殿	〃	Ⅰ	08	32
	〃	田殿	〃		19	58
12	Ouda	大宇陀	Nara	Ⅰ	09	59
	Kito	木頭	Tokushima	Ⅱ	13	25
	〃	木頭	〃	Ⅱ	14	05
	〃	木頭	〃	Ⅱ	19	05
	〃	木頭	〃	Ⅰ	22	40
14	Tano	田野	Kōchi	Ⅰ	22	34
17	Shōbara	庄原	Hiroshima	Ⅰ	11	14
	Seranishi	世羅西	〃	Ⅰ	16	30
18	Tadono	田殿	Wakayama	Ⅰ	00	18
	Kakei	加計	Hiroshima	Ⅰ	14	15
	Shobara	庄原	〃	Ⅰ	14	15
19	Awajinada	淡路灘	Kobe	Ⅱ	06	28
	Iwao	多羅尾	Hikone	Ⅱ	05	28

International Seismological Centre

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanese			h	m
	Kawai	河合	Nara	II	06	28
	Dorogawa	利川	〃	II	06	28
	Zenki	前鬼	〃	II	06	28
	Terakaide	寺垣内	〃	II	05	28
	Kojindake	荒神岳	〃	I	06	28
	Kawakami	川上	〃		06	28
	Kade	大宇陀	〃	II	06	29
	Yagi	八木	〃	II	06	29
	Oka	岡	〃	II	06	29
	Minaminosho	南之庄	〃	II	06	29
	Oyama	尾山	〃	II	06	29
	Hashihara	榛原	〃	I	06	29
	Oki	鹿伎	Wakayama	II	06	28
	Ichigano	市鹿野	〃	II	06	28
	Shirahama	白浜	〃	II	06	29
	Shingu	新宮	〃	II	06	29
	Tanabe	田辺	〃	II	06	29
	Tadono	田殿	〃	I	06	28
	Shimosato	下里	〃	I	06	30
	Kurisugawa	栗栖川	〃	III	06	33
	Irokawa	色川	〃	III	06	40
	Ikeda	池田	Osaka	II	06	30
21	Shōbara	庄原	Hiroshima	I	09	34
	Mitsugi	御調	〃	I	09	35
	Kōzan	甲山	〃	I	09	35
22	Tadono	田殿	Wakayama	I	01	02
26	Shōbara	庄原	Hiroshima	I	05	46
29	Kurisugawa	栗栖川	Wakayama	II	17	55

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International Seismological Centre

大阪管区

地震月報

昭和31年12月

The Monthly Report of EarthquaKes

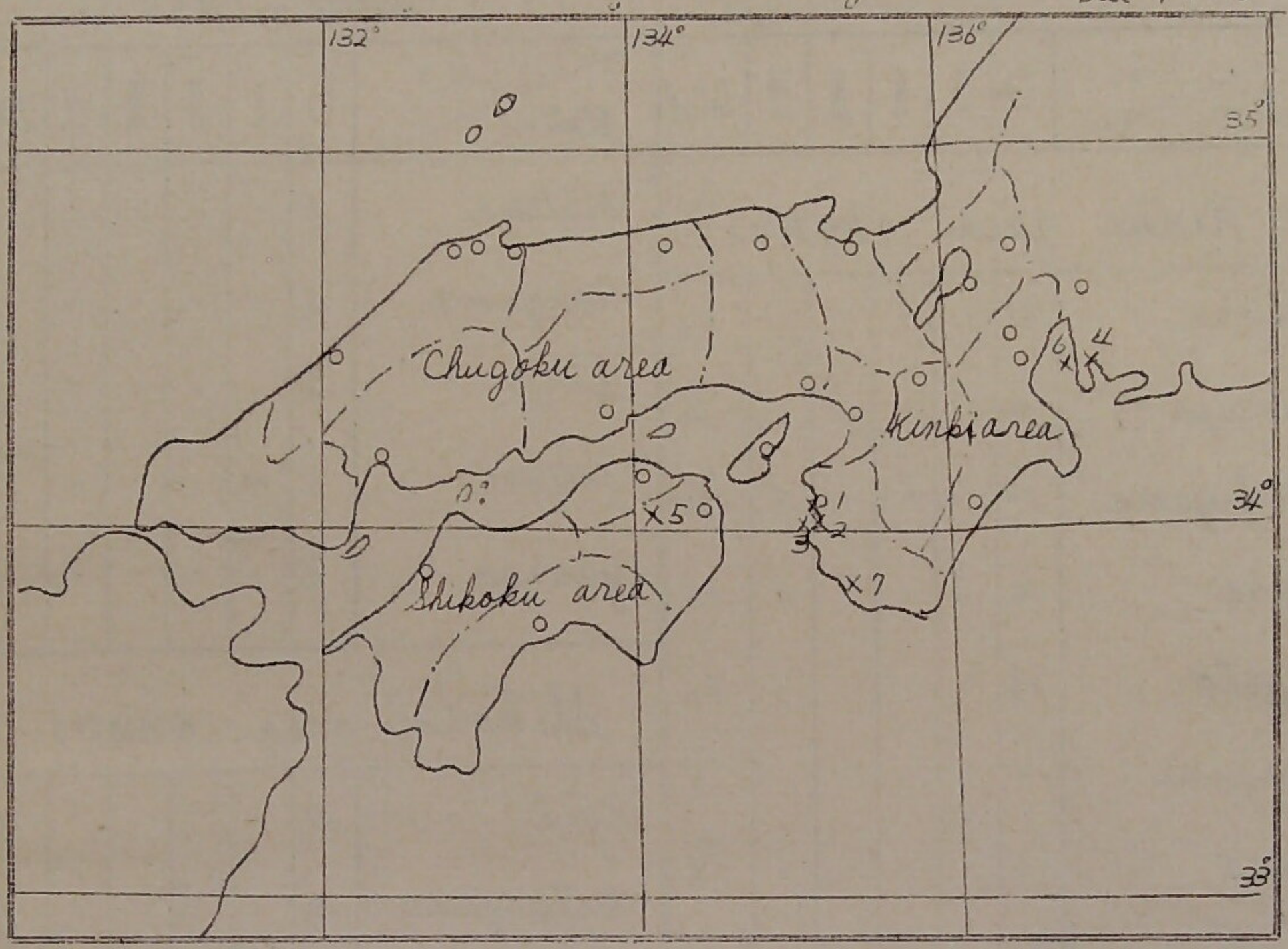
December 1956

Geophysics Division,
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大阪管区気象台
The Osaka
District Meteorological Observatory
Japah

Epicenter of the major earthquakes, in west of Honshū.

Dec 1956



December 1956

No.	Date	Origin Time JST	Epicenter				Max S I	Remarks
			Location	Latitude	Longitude	Depth		
1	1	h m 19 53	和歌山附近 Near Wakayama	N. ° 34.2	E ° 135.1	shellow	II	
2	4	22 50	和歌山県湯浅附近 W coast of Wakayama Prf.	34.0	135.2	shellow	II	
3	7	00 10	和歌山県湯浅附近 W coast of Wakayama Pref.	34.0	135.2	shellow	II	
4	12	06 53	知多半島 Chita Pen., Aichi Pref.	34.8	136.9	shellow	I	
5	14	21 40	吉野川中流域 N part of Takashima Pref.	34.1	134.2	shellow	II	
6	19	02 21	伊勢海東部 E part of Ise Sea	34.8	136.8	shellow	II	
7	23	20 25	和歌山県田辺附近 SW part of Wakayama Pref.	33.7	135.5	shellow	II	

International Seismological Centre

12月地震回数表 Number of Earthquakes (Oct. 1956)

Station \ SI	0	I	II	III	IV	Total
Kinki area (近畿地方)						
Hikone	61	-	-	-	-	61
Himeji	4	-	-	-	-	4
Ibukiyama	34	1	-	-	-	35
Kōbe	14	1	-	-	-	15
Kyōto	46	-	-	-	-	46
Maizuru	8	-	-	-	-	8
Nara	6	-	-	-	-	6
Ōsaka	35	-	-	-	-	35
Shionomisaki	17	1	-	-	-	18
Sumoto	39	1	-	-	-	40
Toyooka	12	1	-	-	-	13
Wakayama	43	10	4	-	-	57
Chūgoku area (中国地方)						
Hamada	11	-	-	-	-	11
Hiroshima	12	-	-	-	-	12
Matsue	5	-	-	-	-	5
Okayama	5	1	-	-	-	6
Saigō	3	-	-	-	-	3
Tottori	5	-	-	-	-	5
Yonago	4	-	-	-	-	4
Shikoku area (四国地方)						
Kōchi	20	-	-	-	-	20
Matsuyama	13	-	-	-	-	13
Murotomisaki	9	-	-	-	-	9
Shimizu	13	-	-	-	-	13
Sukano						
Takamatsu	42	-	-	-	-	42
Tokushima	42	1	-	-	-	43
Tsurugiyama		2				
Uwajima	1	-	-	-	-	1

International Seismological Centre

昭和 31 年 12 月

地震観測表

Date	Station	S.I	Pha	Time (JMT) h	m	S	Initial M N	E	Z	P~S m	S	Maximan Amplitude Amplitude N	E	Z	Period N	E	Z	P~E h	m	S	Remarks
1	Wakayama	II	eP	19	53	49.2	u	u	u		0.6	u	u	u	S	S	S		1	30	和歌山附近
	Sumoto	I	eP		53	52.7					3.7									40	Near Wakayama
	Tokushima	0	iP		53	57.8					6.8									45	Wakayama Pref.
	Ōsaka	0	eP		54	06.8													1	—	34.2°N
	Owashi	0	eP		54	06.9					11.3									47	135.1°E
	Kameyama	0	e		54	15.2													3	—	shallow
	Shionomisaki	0	eS		54	19.6														27	
3	Wakayama	0	eP	03	11	53.5					0.6	6	7							10	
3	Ōsaka	0	eP	03	49	04.3					3.7									20	
3	Wakayama	0	eP	18	16	44.9					1.2	17	7							20	
3	Kōchi	0	eP	20	03	11.6					1.8									10	
4	Tokushima	0	iP	22	50	15.2					6.2								1	20	
	Wakayama	II	iP		50	15.5					4.2	84	92						1	20	和歌山県
	Sumoto	0	eP		50	17.0					6.7									35	湯浅附近
	Owashi	0	P		50	24.8					12.0									55	
	Ōsaka	0	eP?		50	25.1					10.3									50	W coast of
	Takamatsu	0	eP		50	25.2					14.1								2	—	Wakayama
	Shionomisaki	0	eP		50	25.6	-4	-7	-4		5.6									50	Pref.
	Murotomisaki	0	eP		50	25.8					13.2									53	
	Okayama	0	eP		50	31.6					15.2								1	10	34.0°N
	Kōchi	0	eP$_E$		50	32.6					17.1									40	135.2°E
	Kameyama	0	eP		50	36.2					17.9								2	—	shallow
	Hikone	0	P?		50	41.3					20.9								1	50	
	Kyōto	0	eP		50	32.1					~~32.1~~ 36.1								2	—	
	Nagoya	0	eP$_E$		50	58.7					15.1								1	20	
5	Tsuruguyama	I		00	59	—															香川県東部
	Tokushima	0	iP	06	19	47.3					3.9									50	E part of
	Takamatsu	0	eP		19	49.8					4.6								2	00	Kagawa Pref.
	Sumoto	0	eP$_H$		19	57.4					6.0									20	
5	Nagoya	0	eP$_E$?	13	12	17.7					13.5									58	
	Ōsaka	0	e		12	21.5					13-										
5	Wakayama	0	eP	21	38	27.1					0.9	9	8		—	—				30	
6	Tokushima	0	iP$_E$	07	25	46.3					3.5									50	紀淡海峡
	Takamatsu	0	eP		25	48.9					10.7								2	—	Kitan Channel
	Sumoto	0	eP$_H$		25	49.6					5.3									35	
6	Wakayama	0	eP	07	38	42.1					10.7	20	22		—	—				1.20	
7	Wakayama	II	iP	00	10	42.0	+2	-2			4.2	53	104		—	—				1.20	和歌山県
	Sumoto	0	iP		10	45.1	(-)		(-)		6.9									1.—	湯浅附近
	Tokushima	0	iP		10	45.5					7.0									1.10	W coast of
	Shionomisaki	0	eP$_H$		10	46.3	-8	-5			9.3									1.10	Wakayama
	Owashi	I	P		10	50.8					10.4									1.00	Pref.
	Kōbe	0	eP$_H$		10	51.5					9.5									1.—	
	Ōsaka	0	eP		10	52.1					10.4									1.30	

Date	Station	SI	Pha	Time (J.M.T.) h	m	s	Initial M N	E	Z	P~S m	s	Max Amp Amp N	E	Z	Max Amp Period N	E	Z	P~F h	m	s	Remarks
	Takamatsu	0	ep		10	54.0	μ	μ	μ		13.2	μ	μ	μ	S	S	S		2	-	34.0°N
	Murotomisaki	0	ep		10	57.0					11.3									44	135.2°E
	Kameyama	0	epE		11	01.2					18.9								1	30	Shallow
	Hikone		S?		11	24.9													1	20	
	Toyooka	0	e		11	26.9															
	Nagoya	0	epE		11	31.6													1	00	
7	Wakayama	0	ep	02	08	35.3					0.8	9	14		-	-				15	
7	Wakayama	I	ip	03	01	34.2					30	35	42		-	-				50	和歌山県
	Sumoto	0	epH		01	39.9					55									35	海南町近
	Tokushima	0	ipE?		01	42.2					81								1	-	NW coast of
	Owashi	0	ep		01	44.6					93									45	Wakayama
	Shionomisaki	0	e		01	46.2														43	Pref
	Takamatsu	0	ep		01	51.7					143								2	-	
	Kameyama	0	ep		01	52.9					174								2	-	34.2°N
	Hikone	0			02	16.5													1	-	135.2°E
	Nagoya	0	epE		02	27.8														47	shallow
7	Murotomisaki	0	ep	07	53	40.0					80								1	-	
7	Tokushima	0	ip	11	22	22.3					71									50	
7	Okayama	0	ep	11	21	16.7					381								1	50	
7	Tokushima	0	ip	12	15	47.7					5.4								1	20	剣山附近
	Murotomisaki	0	P		15	48.7					190								1	30	Central
	Kōchi	0	epH		15	49.1					75									35	part of
	Takamatsu	0	ipN		15	49.4					80								2	-	Tokushima
	Sumoto	0	ep		15	53.8					112									40	Pref.
	Matsuyama	0	epE		15	59.5					165								1	10	
	Shimizu	0	ep		16	05.3					171								2	00	
	Shionomisaki	0	eSH		16	27.6	+3													22	
	Okayama	0	iS		15	55.6					125									54	
7	Wakayama	0	ep	15	15	59.6					122								1	-	
7	Nagoya	0	epE	19	28	22.9													2	20	
	Kameyama	0	ep		28	32.3					397								3	-	
8	Ōsaka	0	e	05	30	53.6													7	-	
8	Wakayama	0	ep	10	40	54.7					0.9	5	9		-	-				10	
8	Nagoya	0	PE	19	56	45.3					146								5	30	Near Shizuoka.
	Kameyama	0	ep		56	53.1					198								3	00	Shizuoka
	Hikone	0	P		56	57.3					213								2	30	Pref
	Ibukiyama	0	epE		56	58.4					168										静岡附近
	Ōsaka	0	ep		57	01.9					351								3	-	
	Owashi	0	ep		57	02.5					252								1	20	
	Kyōto	0	ep		57	04.4					258								4	-	
9	Kyoto	0	e	01	15	01.4				e	5 47.1								50	-	
	Shimizu	0	eL		25	43.5															アリューシャン
	Kameyama	0	e		17	32.4				L	8 48.3								22	-	列島
	Kōbe	0	e		17	36.0															Aleutian
	Takamatsu	0	ep		17	45.0					5 47.4								32	-	Is.
	Kōchi	0	epE		17	49.6					5 58.1								33	-	
	Hiroshima	0	eH		23	28.3													18	-	
	Hamada	0	eE		23	37.9				e	5 25.3										

Date	Station	S1	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	S	Max·Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	S	S	S				
9	Wakayama	0	ep	01	31	21.2					0.8	3	2		–	–				15	
9	Wakayama	0	ep	04	48	42.7					13	3	1		–	–				15	
9	Wakayama	0	ep	13	22	50.4					4.1	18	29		–	–				35	
9	Wakayama	0	ep	16	54	24.1					1.8	9	18		–	–				40	
9	Sumoto	0	epH	17	03	26.3					6.6									40	和歌山県
	Tokushima	0	epE?		03	27.6					9.5									45	日高川中流域
	Owashi	0	P		03	31.5					9.7									30	Central part
	Shionomisaki	0	ep		03	31.6	-5	-4			8.1								1	10	of Wakayama
	Takamatsu	0	ep?		03	39.5					12.6								2	–	Pref
	Kameyama	0	ep		03	40.8					17.2								1	–	
	Kōchi	0	ep		04	02.7														20	
10	Sumoto	0	epH	08	03	42.0					4.3									15	
10	Wakayama	0	ep	08	12	49.5					2.8	12	8		–	–				35	
10	Wakayama	0	ep	23	44	33.7					1.2	4	4		–	–				10	
11	Wakayama	0	epN	09	05	32.4					1.8	19			–					25	
12	Kameyama	I	iP	06	53	42.5		(-)	+8		8.7	21	21	13	–	–	–		3	–	知多半島
	Nagoya	I	PN		53	44.3					6.3	27	19		02	02			4	–	Chita Pen.
	Hikone	0	P		53	52.6	(-)	(+)	(-)		10.7	91			07				3	–	Aichi Pref
	Ibukiyama	0	epE		53	~~57.4~~ 58.1					~~6.9~~ 8.0										
	Owashi	I	P		53	58.6					14.0	11	12	6	04	–	04		1	00	34.8°N
	Kyoto	0	ep		53	58.7					14.5								3		136.9°E
	Ōsaka	0	ep		54	00.1				e	11.1								2	20	shallow
	Maizuru	0	ep		54	03.1					20.9								1	10	
	Tokushima	0	epE?		54	31.3				eN	21.9								1	50	
	Sumoto	0	eH		55	06.5													1	20	
12	Nagoya	0	epN	22	37	39.9													3	–	
13	Wakayama	0	ep	03	18	24.6					12	9	4		–	–				16	
13	Shionomisaki	0	iSN	03	34	16.4	+3													22	
13	Kameyama	0	ep	07	47	20.5					57.1								4	–	
	Nagoya	0	epE		47	20.6					49.4								4	–	
	Hikone	0	P?		48	11.3													2	20	
13	Tokushima	0	iP	20	03	26.5														40	
13	Wakayama	0	ep	22	21	56.9					3.9	9	6		–	–				48	
14	Wakayama	0	ep	14	22	11.5					1.5	24	19		–	–				25	
14	Tokushima	0	iP	21	40	39.0	+2	+2			5.9								3	10	吉野川中流域
	Murotomisaki	0	P		40	40.2					6.3								2	23	N Part of
	Takamatsu	0	iP		40	41.1					7.6								4	–	Tokushima
	Kōchi	0	iP		40	42.9					6.7								1	20	
	Okayama	I	ep		40	49.0					14.0								2	–	Pref
	Sumoto	0	iP		40	45.4					10.7								2	10	
	Wakayama	0	ep		40	47.7					12.0	25	27		–	–			1	50	34.1°N
	Himeji	0	epH		40	54.0					12.4								3	20	134.2°E
	Shionomisaki	0	iP		40	54.8				SN	15.5	11	16	5	04	04	03		2	50	shallow
	Matsuyama	0	epN		40	56.0					17.0								2	20	
	Kōbe	0	epH		40	56.5					9.7								1	40	
	Ōsaka	0	ep		40	56.9					17.1								2	10	
	Shimizu	0	ep		40	58.0					16.2								2	–	
	Matsunaga	I		21	41	00.0															

Date	Station	Sl	Pha	Time (J M T) h	m	S	Initial M N	E	Z	P~S m	S	Max. Amp Amp N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
	Hiroshima	0	ep		41	00.1	u	u	u		210	u	u	u	s	s	s		1	10	
	Owashi	0	P		41	00.4					212								1	30	
	Toyooka	0	ep		41	03.9					223								1	—	
	Kyoto	0	ep		41	04.0					215								4	—	
	Kameyama	0	ep		41	09.9					263								3	—	
	Hamada	0	ep		41	10.4					24.1								1	20	
	Hikone	0	P?		41	14.0					28.3								2	10	
	Ibukiyama	0	epE?		41	19.8															
	Nagoya	0	epE		41	29.5				eE	17.3								2	40	
	Matsue	0	ep		41	32.8					102									47	
15	Wakayama	0	ep	03	44	04.0					0.7	24	10		—	—				30	
15	Wakayama	I	ep	03	46	00.4					1.1	10	14		—	—				20	local shock
15	Wakayama	0	epE	05	30	33.0					1.4		6			—				15	
15	Takamatsu	0	ep	11	49	05.4					5.5								2		吉野川中流域
	Tokushima	0	iPE?		49	07.9					5.0									50	N Part of
	Matsuyama	0	epN		49	16.9					20.0								1	10	Tokushima
	Sumoto	0	eH		49	19.7														25	Pref
	Kōchi	0	epE		49	20.0														25	
	Shimizu	0	ep?		49	28.7					21.3								1	—	
	Shionomisaki	0	S		49	45.3														27	
15	Sumoto	0	ep	15	15	05.7					4.9									20	
	Wakayama	0	ep		15	12.5					1.1	23	22		—	—				50	
	Takamatsu	0	ep		15	20.1					10.7								1	—	
15	Kameyama	0	e	15	45	32.9													1	—	
15	Wakayama	I	ep	17	09	03.3					1.1	19	31		—	—				20	Local shock
16	Wakayama	0	epN	01	03	31.4					0.3	2			—					10	
16	Wakayama	0	epN	02	46	02.8					0.5	12			—					25	
16	Wakayama	0	epN	05	28	57.2					0.9	3			—					8	
16	Wakayama	0	ep	06	03	49.0					0.8	11	9		—	—				30	
16	Tokushima	I	iP	14	44	08.3	-1	-1			5.2	17	35		04	05			2	30	剣山附近
	Murotomisaki	0	P		44	08.6					7.1								1	20	Central
	Takamatsu	0	iPE		44	10.4					8.3								2	—	part of
	Kochi	0	ep		44	13.4					7.6									20	Tokushima
	Sumoto	0	PH		44	15.0					10.7									55	Pref
	Wakayama	0	ep		44	20.5					13.5								2	30	
	Matsuyama	0	epN		44	23.0					15.5								1	50	33.8°N
	Himeji	0	epH		44	26.8					7.2								2	50	134.2°E
	Shionomisaki	0			44	39.4						13	16	17	0.4	0.4	0.3			40	D ≒ 10K
	Owashi	0	ep		44	46.1					4.2									46	
	Kameyama	0	ep?		44	48.9					30.4								2	—	
16	Wakayama	I	ep	20	28	19.7					0.7	28	27		—	—				50	和歌山附近
	Sumoto	0	epH?		28	26.4					1.0									10	Near Wakayama
16	Wakayama	I	ep	20	50	28.8					1.4	10	3		—	—				13	Local shock
16	Wakayama	I	ep	22	28	26.1					0.8	24	27		—	—				30	Local shock
17	Nagoya	0	epE	07	21	13.9														19	
17	Nagoya	0	epN	07	31	27.7														20	
	Maizuru	0	ep		31	46.7					9.5									38	
17	Sumoto	0	epH?	08	56	11.7					4.0									20	

Date	Station	SI	Pha.	Time (J M T.) h	m	s	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	<	s				
17	Wakayama	II	ePE	13	54	23.5					0.7		12.8			—			1	20	和歌山附近
	Sumoto	0	PH		54	38.4					3.4									30	Near Wakayama
	Takamatsu	0	eP		54	53.0					13.1								2	—	
17	Hikone	0	P	15	03	32.6					3.5								1	—	
	Ibukiyama	0	ePE?		03	32.7															
17	Kōchi	0	eP	17	28	11.1					1.4									10	
18	Nagoya	0	e	11	51	29.9													1	50	
18	Shimizu	0	e?	12	12	46.3															
18	Kōbe	0	eH	12	43	27.3															
19	Wakayama	I	eP	02	18	44.6					0.8	26	5.6		—	—				40	Local shock
19	Nagoya	II	PN	02	21	26.8			-38		5.4	66	100	29	0.5	—	0.4		7	—	
	Ibukiyama	I	ePE		21	27.9					8.3	165	100		—	—					伊勢海東部
	Kameyama	I	eP		21	30.5	-4	(-)	+9		7.6	63	67	32	—	—	—		3	—	E part of
	Hikone	I	eP		21	31.9	+3.7	-6.7	+4.4		9.5	24.7	14.7		0.6	0.5			4	—	Ise Sea
	Nara	0	eP		21	36.5					12.5								1	30	
	Kyōto	0	eP		21	36.7					12.3								3		34.8°N
	Ōwaski	0	P		21	40.6					12.4								2	00	136.8°E
	Ōsaka	0	eP		21	42.7					13.3								1	20	shallow
	Maizuru	0	eP		21	43.2					14.7								1	20	
	Wakayama	0	eP		21	50.4					13.0								2	—	
	Toyooka	0	eP		21	55.7					26.4								2	—	
	Sumoto	0	ePH?		21	59.4					10.5								1	30	
	Kōbe	0	P		22	02.5															
	Shionomisaki	0	eE		22	06.0													1	50	
	Tokushima	0	eP?		22	06.6					14.4								2	20	
	Takamatsu	0	eP		22	07.4					29.8								4	—	
	Murotomisaki	0	eP		22	26.0					10.3								1	30	
19	Nagoya	0	PE	06	13	34.0					23.5	10.7	7.8		1.7	2.0			13	—	
	Ibukiyama	0	ePE		13	36.7					30.5										多摩川上流
	Kameyama	0	eP		13	39.8			-1		25.6								9	—	Upper reach
	Hikone	0	P		13	41.1		(-)	(+)		28.7	11.4	9.0		1.2	1.8			9	—	of Tama
	Owashi	0	P		13	45.8					48.0								4	—	river.
	Kyōto	0	eP		13	46.1					29.2								9	—	Tōkyo Pref.
	Nara	0	eP		13	47.9					27.4								5	—	
	Yonago	0	P		14	12.9					42.2										
	Maizuru	0	eP		13	49.3					37.0								3	40	35.8°N
	Wakayama	0	eP		13	54.0					48.3								5	—	139.2°E
	Toyooka	0	eP		13	55.1					29.3								5	—	D≒100K
	Kōbe	0	ePH?		13	55.3					38.3								6	—	
	Shionomisaki	0	ePN		13	56.5					39.3								6	30	
	Sumoto	0	ePH		13	59.8					39.6								9	—	
	Tokushima	0	ePE		14	04.2					32.0								4	50	
	Takamatsu	0	eP		14	07.6				1	10.9								6	—	
	Ōsaka	0	eP		13	50.6					36.1	8.2	7.0	4.3	3.2	3.0	2.1		7	—	
	Kōchi	0	ePE		14	16.8					53.1								4	—	
	Tottori	0	eP		14	18.9													4	00	
	Shimizu	0	eP?		14	20.3				1	17.9								4	30	
	Matsuyama	0	ePE		14	20.4					37.5								5	10	

Date	Station	SI	Pha	Time (J.M.T.) h m S	Initial M. N E Z	P~S m S	Max. Amp. Amp. N E Z	Max. Amp. Period N E Z	P~F h m S	Remarks
	Hiroshima	0	eP	14 23.9	u +1 +1	1 6.6	u u u	s s s	9 20	
	Hamada	0	ePN	14 37.9		1 8.2			8 —	
	Matsue	0	eP	15 08.0		33.5			2 30	
19	Nagoya	0	ePE	10 23 02.6					1 20	
	Takamatsu	0	eH	23 23.6					3 —	
	Tokushima	0	eP	23 24.8					3 30	
19	Tokushima	0	iP	10 43 45.0		1.2			1 —	
19	Nagoya	0	ePE	13 38 03.7					4 00	
	Kameyama	0	eP	38 04.5		1 12.6			5 —	鳥島南西沖
	Shimizu	0	eP	38 05.5		1 21.7			6 —	Far S off
	Kyōto	0	eP	38 06.7		1 19.7			5 —	Honshū
	Takamatsu	0	eP	38 07.1		1 27.3			4 —	
	Hikone	0	eP	38 09.4		1 22.9			4 —	
	Ibukiyama	0	ePN	38 11.0						
	Tokushima	0	ePE?	38 11.2		1 15.0			4 30	
	Matsuyama	0	ePN	38 13.6		1 9.5			4 30	
	Toyooka	0	eP	38 14.8		1 36-				
	Hiroshima	0	ePH	38 19.0	-1 +1 -3	1 36.3			3 00	
20	Wakayama	0	eP	00 22 55.8		0.7	6 6	— —	15	
20	Wakayama	0	eP	14 27 54.9		1.5	21 37	— —	40	
20	Nagoya	0	ePN	21 18 33.4		4.7			1 10	
20	Tokushima	0	iP	21 28 02.3		4.6			45	
21	Nagoya	0	ePE	13 09 53.2					2 10	
21	Nagoya	0	ePE	16 19 25.6					1 50	
21	Nagoya	0	ePE	17 00 14.5					1 40	
21	Owashi	0	P	19 32 14.0		3.1.7			5 20	八丈島遥か南西沖
	Kameyama	0	eP	32 15.0		38.8			15 —	Far S off
	Nagoya	0	ePE	32 15.3		39.1			6 40	Honshū.
	Ibukiyama	0	ePE	32 20.4						
	Hikone	0	eP	32 23.5		44.5			5 10	
	Kyōto	0	eP	32 28.1		34.2			6 —	
	Ōsaka	0	eP	32 33.3		47.3			7 00	
	Sumoto	0	ePH	32 33.7		45.7			6 30	
	Shionomisaki	0	ePE	32 26.6		32.7			4 40	
	Toyooka	0	eP	32 37.6						
	Tokushima	0	ePE	32 39.3		44.6			4 30	
	Takamatsu	0	eP	32 39.7					7 —	
	Kōchi	0	ePE	32 48.6		1 1.7			5 —	
	Hamada	0	ePN?	19 32 58.8		2 42.8			11 —	
	Nara	0	e	33 04.7					4 30	
	Kōbe	0	eSE	34 05.8						
21	Nagoya	0	ePE	20 30 12.2					46	
21	Nagoya	0	ePE	20 36 09.8		37.4			4 50	
	Kameyama	0	eP	36 10.6		37.3			4 —	
	Hikone	0	S?	36 44.6					2 —	
	Kyōto	0	eS	36 53.4					3 00	
21	Nagoya	0	ePE	22 21 13.3		47.4			2 50	
	Hikone	0	P?	21 22.6					2 10	

Date	Station	SI.	Pha.	Time (J M T.) h	m	S	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
	Kyōto	0	lP		21	32.9	u	u	u		30.9	u	u	u	s	s	s		2	—	
21	Nagoya	0	lPE	23	44	38.2													1	20	
21	Hikone	0	P?	23	52	01.9													2	—	
	Nagoya	0	lPN		52	12.9													1	40	
22	Nagoya	0	lPE	00	02	35.1													1	20	
22	Hikone	0	P?	01	02	47.6													2	—	
22	Owashi	0	P	01	51	21.1					31.8								2	10	
	Nagoya	0	lPE		51	22.6					49.6								5	30	
	Kameyama	0	lP?		51	23.2					38.3								5	—	
	Takamatsu	0	lPE		51	30.8				+	46								4	—	
	Ibukiyama	0	lPN		51	34.8															
	Hikone	0	P?		51	34.9					35.6								3	—	
	Sumoto	0	lH		51	38.3													2	30	
	Kyōto	0	lP		51	40.8					35.8								3		
22	Nagoya	0	lPE	02	41	14.3													1	40	
22	Kameyama	0	lP?	02	44	53.4					39.1								4	—	
22	Tokushima	0	lP?	02	51	46.6													5	—	
22	Owashi	0	P	03	11	47.3					30.5								6	00	
	Nagoya	0	lPE		11	47.6					40.0								8	10	三宅島南方沖
	Kameyama	0	lP		11	49.6					31.5								11	—	Far S off
	Hikone	0	lP		11	54.5					35.1								8	—	
	Ibukiyama	0	lPE		11	56.4					41.7										Honshu
	Kyōto	0	lP		11	57.2					36.7								9	—	
	Wakayama	0	lP		11	59.5					38.4								3	30	
	Shionomisaki	0	lPH		12	02.3					34.3								9	50	
	Nara	0	lP		12	04.5					36.7								6	30	
	Sumoto	0	P		12	04.8					41.0								12	00	
	Kōbe	0	lPH		12	07.0					37.9								10	—	
	Maizuru	0	lP		12	07.2					49.0								4	—	
	Tokushima	0	lPE		12	08.8					42.5								6	—	
	Ōsaka	0	lP		12	09.3					33.2								9	—	
	Toyooka	0	lP		12	12.2					31.3								5	—	
	Takamatsu	0	lP		12	12.3					56.7								8	—	
	Yonago	0	lP		12	22.1					18.8								15	—	
	Kōchi	0	lP		12	21.7				/	56.2								8	—	
	Shimizu	0	lP		12	26.6				/	26.8								11	00	
	Matsuyama	0	lPE		12	27.5				l	6.5								6	—	
	Hiroshima	0	lP		12	33.5				l	58.7								8	40	
	Hamada	0	lP		12	36.1				/	12.3								17	—	
	Matsue	0	l		13	30.3													6	20	
	Tottori	0	lP		13	40.7													4	20	
	Saigo	0	l		14	04.0															
22	Nagoya	0	lPN	03	30	06.0														51	
	Owashi	0	l		30	09.4														35	
22	Nagoya	0	lPE	03	41	08.5													1	50	
22	Nagoya	0	lPE	03	54	06.4													1	00	
22	Ibukiyama	0	lPN	04	30	40.2															
	Owashi	0	lP		30	43.9					31.7								1	30	三宅島南方沖

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	Kameyama	0	eP		30	44.3	u	u	u		40.1	u	u	u					3	—	Far S off
	Nagoya	0	ePE		30	47.3					48.6								3	10	Honshū
	Hikone	0	P?		30	55.3					34.8								2	—	
	Kyōto	0	eP		31	07.3					34.8								3	—	
22	Nagoya	0	ePE	05	07	39.4														18	
22	Nagoya	0	ePE	05	10	46.4					34.2	360	369	68	26	31	28		14	—	
	Owase	0	P		10	48.4					29.8	47	61	27	89	26	34		16	50	三宅島南方沖
	Kameyama	0	eP		10	48.9					30.5	207	145	96	40	28	36		29	—	Far S off
	Ibukiyama	0	ePE		10	51.5					44.7										Honshū
	Hikone	0	P		10	53.5					43.6	190	180	75	40	44	46		20	—	
	Kyōto	0	eP		10	57.5	(+)	(−)			35.5	72	77		1.9	1.9			20	—	33.7°N 135.5°E
	Shionomisaki	0	ePH		10	48.9					36.5								22	—	
	Kōbe	0	ePH		11	03.2					40.9										
	Ōsaka	0	eP		11	03.8					36.2	467	313	164	44	43	35				
	Maizuru	0	eP		11	04.6					50.7										
	Sumoto	0	P		11	04.9					41.1	35			36						
	Nara	0	eP		11	06.6					37.0	267	155		39	30					
	Toyooka	0	eP		11	09.8					24.3	74	46		50	50					
	Tokushima	0	ePE		11	10.3					46.2										
	Wakayama	0	eP		11	13.6					38.2	35	23		—	—					
	Takamatsu	0	ePE		11	~~16.7~~ 13.9					~~44.8~~ 43.6										
	Murotomisaki	0	P		11	17.7					49.7										
	Himeji	0	ePE		11	17.8				2	7.8										
	Kōchi	0	ePE		11	19.8					51.1	228	121	65	148	148	126				
	Yonago	0	eP		11	25.9				1	23										
	Shimizu	0	eP		11	26.9				1	23.0										
	Matsuyama	0	ePE		11	27.0				e 1	33.0										
	Hiroshima	0	eP		11	27.6				e 1	3.2										
	Matsue	0	eP		11	27.8				1	24.3										
	Hamada	0	eP		11	41.1				1	0.5										
	Tottori	0	ePN		12	15.9				e 1	18.0	68	57		36	36					
	Saigō	0	P		12	46.6															
22	Nagoya	0	ePE	05	38	16.9													1	40	
22	Owashi	0	eP	06	42	38.0					30.5								2	00	
22	Nagoya	0	ePE	10	19	45.3													1	10	
22	Ōsaka	0	e	11	14	14.4													15	—	
22	Wakayama	0	ePE	12	16	21.7					38		14			—				35	
	Nagoya	0	ePE	12	58	24.1													1	30	
22	Nagoya	0	ePE	13	27	32.6													3	20	
	Kameyama	0	eP?		27	33.3					31.1								3	—	
22	Wakayama	0	eP	14	52	03.1					6.7	27	14		—	—				35	
	Sumoto	0	ePH		52	11.8					3.6									30	
22	Kameyama	0	eP	17	33	24.6					33.0								6	—	
	Owashi	0	eP		33	26.0					29.0								3	10	
	Nagoya	0	ePE		33	27.0					41.5								5	30	
	Ibukiyama	0	ePN		33	32.6															
	Ōsaka	0	eP		33	36.2													3	—	
	Hikone	0	eP		33	37.8					37.1								4	—	

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	Kyōto	0	lP		33	42.1					31.8								3	—	
	Takamatsu	0	lP		33	46.2					57.8								4	—	
	Tokushima	0	lPE		34	04.7													4	20	
	Wakayama	0	l		34	19.9													2	—	
22	Kameyama	0	l	18	59	55.5													2	—	
	Nagoya	0	lPE	19	00	00.9													3	00	
	Hikone	0	P?		00	27.9													1	30	
22	Nagoya	0	lPE	21	31	48.3													2	10	
	Hikone	0	S		32	18.4													1	50	
22	Kōbe	I	lPE	21	53	33.8				26		22	13		04	05				40	神戸附近
	Ōsaka	0	lP		53	35.5				40										55	Near Kōbe
	Sumoto	0	lH		53	48.4														20	Hyōgo Pref.
	Hikone	0	P?		53	55.7													1	—	
22	Kameyama	0	lP?	21	56	50.2				280									4	—	
	Nagoya	0	lPN		56	59.4													5	00	
	Kyōto	0	lP		57	05.2				348									2	—	
	Hikone	0	P?		57	09.5				342									2	30	
	Ibukiyama	0	lPN		57	21.7															
22	Kyōto	0	lP	22	13	45.6														30	
22	Wakayama	0	lP	23	06	49.1				40		3	4		—	—					
22	Wakayama	0	lP	23	07	05.0				83		18	27		—	—				45	
22	Kyōto	0	lS	23	35	50.3													2	—	
22	Nagoya	0	lPE	23	45	06.4													3	50	
	Hikone	0	S		45	51.4													1	50	
23	Nagoya	0	lPE	00	39	42.6				1	53.2								5	10	
	Hikone	0	P?		39	56.3													1	40	
	Kameyama	0	l		40	52.4													5	—	
23	Nagoya	0	lPE	00	41	21.4													4	—	
	Kyōto	0	lP		41	39.6				36.5									2	—	
	Hikone	0	lP		41	40.1				38.1									2	—	
	Takamatsu	0	lP		41	55.7				41.1									3	—	
23	Kameyama	0	lP?	01	28	58.7				38.6									3	—	
	Nagoya	0	lPE		29	33.2													2	20	
	Hikone	0	S?		29	53.7													1	40	
23	Kameyama	0	lP?	02	02	56.2				38.2									2	—	
23	Hikone	0	S?	02	03	51.9													1	—	
23	Kameyama	0	l	02	56	22.1													1	—	
23	Kameyama	0	l	03	47	17.8													3	—	
	Nagoya	0	lPE		47	17.8													2	40	
	Hikone	0	S?		47	59.6													1	40	
23	Ibukiyama	0	lPN	06	42	28.8															
	Kameyama	0	lP		42	38.3				33.0									6	—	
	Nagoya	0			42	40.9													5	10	
	Hikone	0	lP		42	53.0													3	—	
	Kyōto	0	lP		42	59.7				37.1									3	—	
	Tokushima	0	lPE		43	01.9													5	—	
	Takamatsu	0	lP		43	05.8				45.3									4	—	
	Ōsaka	0	lP		43	49.8													3	—	

Date	Station	SI	Pha.	Time (J M T.) h	m	S	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
23	Nagoya	0	iPE	08	13	18.9	μ	μ	μ		39.2	216	249	66	2.7	6.5	4.4		18	—	
	Owashi	0	iPE		13	20.7		-6			31.6	69	46		11.7	6.8			23	—	三宅島南方沖
	Inuyama	0	iP		13	22.3					31.3	238	131	106	2.2	2.0	1.9		31	—	For S off
	Ibukiyama	0	iPE		13	25.9					48.3										
	Hikone	0	iP		13	26.2	(-)	(+)	(-)		45.8	210	140		6.0	8.0			26	—	Honshū
	Kyōto	0	iP		13	30.0					35.7	151	53		2.8	2.6			21	—	〔33.8°N
	Ōsaka	0	iP		13	31.8					38.0	781	374	104	5.3	4.6	4.8		21	—	〕139.5°E
	Sumoto	0	iP		13	34.2					44.0	47			4.8				31	—	
	Nara	0	iP		13	35.0					34.8	305	124		3.6	3.7			15	—	
	Wakayama	0	iP		13	35.6	+2	-4	?		39.2								7	—	
	Kōbe	0	iPH		13	38.6					38.0	230			4.7				30	—	
	Takushima	0	iPE		13	38.7					47.8								21	—	
	Himeji	0	iPH		13	38.8				1	3.0								36	—	
	Maizuru	0	iP		13	38.9					49.8								12	—	
	Toyooka	0	iP		13	42.1					45.6	90	60		5.6	8.7			18	—	
	Shionomisaki	0	iPH		13	26.5					33.2								23	—	
	Takamatsu	0	iP		13	47.2					45.4								26	—	
	Kōchi	0	iPE		13	51.5				1	1.7	518	382	250	13.0	12.2	14.4		38	—	
	Murotomisaki	0	iP		13	57.0				2	5.3								15	—	
	Hiroshima	0	iP		13	48.2				1	30.9								26	—	
	Uwajima	0	iP		13	59.1				2	10.2								16	—	
	Shimizu	0	P		13	59.6		-2	(+)	1	37.0								38	—	
	Matsuyama	0	iPN		14	00.8				1	40								22	—	
	Matsue	0	iP		14	05.2				1	23.1								21	—	
	Hamada	0	iP		14	12.9				1	6.9								45	—	
	Tottori	0	iPN		14	14.4				1	15.—								11	—	
	Yonago	0	iS		15	06.2															
	Saigō	0	P		15	26.9															
23	Nagoya	0	iPE	08	31	02.4													1	50	
23	Nagoya	0	iPE	08	45	17.3													3	40	
	Hikone	0	P?		45	31.9													2	10	
	Ibukiyama	0	iPN		45	39.7															
23	Nagoya	0	iPE	08	59	52.3													2	00	
23	Kamegama	0	iP	10	12	31.3					35.3								5	—	
	Owashi	0	iP		12	31.8					31.1								1	40	
	Nagoya	0	iPE		12	37.0					35.0								6	20	
	Kyoto	0	iP		12	43.2					36.8								3	—	
	Ibukiyama	0	iPN		12	45.9															
	Hikone	0	iP		12	47.9					33.8								3	—	
	Tokushima	0	iPE		12	52.2													3	50	
	Takamatsu	0	iP		13	03.3					45.2								5	—	
	Ōsaka	0	iP		13	35.3													2	—	
23	Nagoya	0	iPE	10	25	32.2													1	10	
23	Wakayama	I	iP	13	35	08.5					1.9									35	和歌山附近
	Sumoto	0	iPH		35	13.5					3.9	28	38		—	—				25	Near Wakayama
23	Ōsaka	0	iP	17	40	59.9													4	—	
	Tokushima	0	iP		40	59.9				eN	44.9								6	30	
	Nagoya	0	iPE		41	03.—													5	50	

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	Hikone	O	eP		41	06.1													4	40	
	Takamatsu	O	eH		41	31.0													4	—	
	Hamada	O	eP		43	42.6					53.8								6	—	
23	Shionomisaki	I	iP	20	25	25.2				Se	2.3	115	83	28	04	04	03		2	20	
	Owashi	I	P		25	33.1					9.8	15	18	11	05	04	04			56	和歌山県
	Wakayama	O	eP		25	35.9					9.1	24	16						1	20	田辺附近
	Sumoto	O	P		25	38.6					12.9								1	20	SW part of
	Takamatsu	O	eP		25	44.6					22.9								3	—	Wakayama
	Tokushima	O	ePE		25	44.8					6.9								1	40	Pref.
	Ōsaka	O	eP		25	45.1					15.4								1	40	
	Kameyama	O	eP?		25	46.2					20.0								2	—	33.7°N
	Kyoto	O	eP		25	46.7					28.3								2	—	135.5°E
	Hikone	O	P		25	51.0					23.0								1	30	shallow
	Nagoya	O	ePE		25	51.—				eE	26.—								2	00	
	Kyoto	O	eP		26	04.9					1.5									30	
	Kochi	O	eP		26	14.6															
	Ibukiyama	O	e?	20	26	18.0															
	Matsuyama	O	ePE		26	20.4					15.0								1	10	
23	Ibukiyama	O	ePN	20	31	49.1															
	Kameyama	O	eP		31	51.5					33.1								4	00	
	Nagoya	O	ePE		32	54.0					37.0								5	00	
	Hikone	O	P?		32	01.8													3	00	
	Kyoto	O	eP		32	04.5					31.8								3	00	
	Ōsaka	O	eP		32	11.9													3	00	
	Tokushima	O	ePE?		32	36.5					45.6								3	30	
	Sumoto	O	eH		32	48.4													3	10	
24	Nagoya	O	ePE	00	16	57.1														56	
24	Owashi	O	eP?	00	42	05.4					22.6								1	50	
	Kameyama	O	eP		42	09.8					31.4								5	—	
	Nagoya	O	ePE		42	10.1													4	40	
	Hikone	O	eP		42	14.0					39.3								3	—	
	Kyoto	O	eP		42	15.2					33.0								2	—	
24	Kameyama	O	e	01	09	39.2													2	—	
	Nagoya	O	ePE		09	44.0													1	10	
24	Tokushima	O	e	02	29	24.5													1	50	
	Kochi	O	ePN		29	26.5				2	38.3								11	—	
	Kameyama	O	e		29	28.6													8	—	
	Hamada	O	eE		31	52.8															
	Shimizu	O	eLN		32	00.0															
24	Nagoya	O	ePE	02	42	23.2													1	30	
24	Wakayama	O	eP	04	09	01.8					0.7	5	8		—	—				15	
24	Tokushima	O	iS	04	17	29.2														30	
24	Nagoya	O	ePE	08	30	05.5					25.6								1	50	
	Kameyama	O	e		30	15.8													3	—	
	Hikone	O	P?		30	19.0													1	50	
24	Nagoya	O	ePE	11	56	28.4													1	20	
24	Nagoya	O	ePE	14	13	02.5					37.1								5	50	
	Kameyama	O	eP		13	04.5					30.1								6	—	

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	Owashi	0	eP		13	060	u	u	u		239	u	u	u	S	S	S		1	30	
	Ibukiyama	0	ePN		13	099															
	Kyōto	0	eP		13	113					343								3	—	
	Hikone	0	eP		13	142					373								3	30	
	Tokushima	0	ePE?		13	144				eE	51.1								3	50	
	Takamatsu	0	eP		13	334				eN	40.3								6	—	
	Ōsaka	0	e?		14	375													1	30	
24	Nagoya	0	ePE	14	28	105													2	40	
24	Kameyama	0	e	15	45	228													1	50	
	Nagoya	0	ePE		46	322													1	30	
	Ibukiyama	0	ePE		46	475													3	—	
	Hikone	0	P?		46	536															
24	Nagoya	0	ePE	20	39	406													1	10	
24	Tokushima	0	eS	22	56	147														30	
24	Nagoya	0	ePE	23	07	026					558								2	50	
	Kameyama	0	e		07	091													2	—	
	Hikone	0	eP		07	567													1	20	
	Ibukiyama	0	ePN		08	039															
24	Nagoya	0	ePE	23	13	204													1	30	
24	Kameyama	0	eP	23	53	134					301								4	—	
	Nagoya	0	ePE		53	190				eN	204								4	30	
	Hikone	0	eP		53	235													2	—	
	Kyōto	0	eP		53	310					379								2	—	
	Ibukiyama	0	ePN		53	322															
	Takamatsu	0	eP		53	516				eN	414								3	—	
25	Tokushima	0	eP	03	44	118													2	—	
	Takamatsu	0	eH		44	120													4	—	
25	Kameyama	0	e	04	33	113													1	—	
25	Nagoya	0	ePE	06	46	428													1	10	
25	Nagoya	0	ePE	07	04	527													2	00	
	Kameyama	0	e		05	136													1	.	
25	Nagoya	0	ePN	07	12	504														59	
25	Nagoya	0	ePE	08	45	499													1	50	
25	Takamatsu	0	eP	17	39	297					208								3	—	土佐湾
	Kōchi	0	eP		39	321					31									20	Tosa Bay
	Matsuyama	0	ePN		39	353					135								1	10	
	Okayama	0	eP		39	427					100								3	00	
	Shimizu	0	eP		39	522					136								1	—	
	Tokushima	0	iPE		39	578					74									40	
	Hiroshima	0	eS		40	029														26	
	Ōsaka	0	e		41	283													4	—	
26	Owashi	0	e	00	43	038														57	
	Nagoya	0	ePN		43	479													1	00	
26	Nagoya	0	ePE	00	56	195				eN	220								2	30	
	Kameyama	0	eP?		56	456													2	—	
	Hikone	0	eP		56	554													1	30	
	Ibukiyama	0	ePN		56	596															
26	Nagoya	0	ePE	02	38	289													1	50	

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	Kameyama	0	e		38	36.3	u	u	u			u	u	u	s	s	s		2	—	
26	Nagoya	0	ePE	05	57	09.1													2	40	
	Kameyama	0	e		57	29.3													2	00	
26	Nagoya	0	ePE	06	02	05.0													1	10	
	Nagoya	0	ePE	06	18	26.2						e	33.5						3	20	
	Kameyama	0	e		18	49.3													3	—	
	Hikone	0	eP		18	55.2													2	—	
	Ibukiyama	0	ePN		19	00.7															
26	Hiroshima	0	e	10	20	33.3														30	
26	Kameyama	0	eP	12	33	10.9							38.6						3	—	
	Nagoya	0	ePE		33	11.2													2	40	
	Kyōto	0	eP		33	14.4							40.3						2	00	
	Hikone	0			33	14.5													1	20	
	Ōsaka	0	eP		33	14.7													1	30	
	Sumoto	0	eH		33	16.6														40	
	Tokushima	0	iPE		33	19.6	(+)	+4					40.5						2	30	
	Takamatsu	0	eP		33	21.8							42.3						3	—	
26	Nagoya	0	ePE	15	59	33.1						eE	32.9						4	20	
	Hikone	0	P?		59	42.8													2	20	
	Kameyama	0	eP		59	43.3							39.4						2	—	
	Kyōto	0	eP		59	45.2							35.5						2	—	
	Sumoto	0	eH		59	51.6													1	10	
	Takamatsu	0	eP		00	15.6							44.0						2	—	
26	Kameyama	0	eP	16	24	36.8							35.7						3	—	
	Nagoya	0	ePE		24	44.0						eE	32.4						3	00	
	Hikone	0	P?		25	10.1													1	50	
	Kyōto	0	eP		25	24.4							31.6						1	—	
26	Kōchi	0	eP	23	06	49.3							2.0			—				10	
26	Wakayama	0	ePN	23	25	01.9							0.4	4		—				8	
27	Wakayama	0	ePN	00	08	39.7							4.8	3		—				35	
	Sumoto	0	eN		08	43.4														35	
	Kameyama	0	e		09	40.4													1	—	
27	Owashi	0	eP	01	44	42.7							29.8						4	30	
	Nagoya	0	ePE		44	43.0							35.2						10	—	
	Kameyama	0	eP		44	43.4							32.1						9	—	
	Hikone	0	eP		44	52.2							34.7						6	—	
	Shionomisaki	0	ePH		44	55.5							30.3						8	30	
	Kyōto	0	eP		44	55.9							42.2						8	—	
	Ōsaka	0	eP		44	57.9						1	1.1						10	—	
27	Sumoto	0	ePH	01	45	00.0							41.0						13	—	
	Toyooka	0	eP		45	08.8							44.1								
	Tokushima	0	ePN		45	10.9							41.2						4	30	
	Takamatsu	0	eP		45	17.1							48.9						5	—	
	Kōbe	0	ePE		45	19.2													9	—	
	Hamada	0	eP		45	59.4						1	25.8						12	—	
	Kōchi	0	ePE		46	04.7						1	16.3						8	—	
27	Nagoya	0	ePE	02	16	59.5													4	50	
	Hikone	0	P?		17	04.5							28.3						4		

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							μ	μ	μ			μ	μ	μ	S	S	S				
	Kameyama	0	e		17	06.0													4	—	
	Kyōto	0	eP		17	07.1					38.7								2	—	
	Takamatsu	0	eP		17	18.5					57.8								4	—	
	Owashi	0	e		17	20.1													1	40	
	Samoto	0	eH		17	51.3														50	
27	Nagoya	0	ePE	02	35	58.1													4	50	
	Hikone	0	P?		36	06.6													5	—	
	Owashi	0	eP		36	20.4					22.9								3	00	
	Kyōto	0	eP		36	23.1					31.2										
	Kameyama	0	e		36	23.7													5	—	
	Ōsaka	0	e		36	53.3													5	—	
27	Kyōto	0	eP	02	38	14.5					30.4								2	—	
27	Nagoya	0	ePE	05	31	42.6													3	10	
27	Nagoya	0	ePE	05	46	04.6													1	40	
27	Owashi	0	eP	09	25	16.5															
	Tokushima	0	eP		25	17.5				9	16.4								16	—	Tonga Is.
	Kameyama	0	eP		25	18.7				9	46								32	—	24° S
	Nagoya	0	ePE		25	19.4													17	—	177° W
	Shimizu	0	eP		25	20.0				9	14.8								35	—	D=300 Km
	Sumoto	0	ePH		25	20.4				9	10.4								33	—	
	Hikone	0	P		25	20.7				9	14.2								30	—	
	Kyōto	0	eP		25	20.9				9	13.9										
	Takamatsu	0	eP		25	23.3				9	18.0								35	—	
	Kōchi	0	ePE		25	23.6				8	57.3								31	—	
	Matsuyama	0	ePE		25	23.8													32	—	
	Joyooka	0	e		25	25.2															
	Ōsaka	0	eP		25	26.3				9	7.4								20	—	
	Kōbe	0	ePH		25	26.7				9	4.9								1	00	—
	Hiroshima	0	eP		25	27.6			+2	9	18.5								27	—	
	Hamada	0	e		25	35.1															
	Kameyama	0	e		29	51.2													3	—	
	Hikone	0	eP	12	29	51.0													3	—	
	Nagoya	0	ePE		29	59.0					39.2								2	50	
27	Nagoya	0	ePE	15	20	50.6				eE	37.6								1	00	
	Kameyama	0	eP		21	07.4				e	25.5								8	—	
	Hikone	0	eP		21	13.0													6	—	
	Ibukiyama	0	ePN		21	20.1															
	Takamatsu	0	eP		21	30.8				eN	43.1								4	—	
	Kyōto	0	eP		21	32.8					49.3										
	Tokushima	0	e		22	16.2													3	30	
	Owashi	0	eP?		23	08.2					25.1								2	40	
	Kyōto	0	eP		23	15.6					43.1								3	—	
27	Nagoya	0	ePE	17	26	15.3				eE	34.1								3	20	

Date	Station	S.I.	Pha	Time (J.M.T.) h	m	S	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Max. Amp. Period N	E	Z	P~F h	m	S	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Kameyama	0	e		26	21.2													3	—	
	Hikone	0	eP		26	33.0													3	30	
	Kyōto	0	e		27	09.9													1	—	
27	Nagoya	0	eP_E	17	42	21.1													2	30	
	Hikone	0	eP		42	22.0													2	—	
	Kameyama	0	e		42	42.0													1	00	
27	Kameyama	0	eP?	21	05	02.3					37.0								4	—	
	Nagoya	0	eP_E		05	07.1					24.6								4	40	
	Hikone	0	eP		05	18.3													4	—	
	Kyōto	0	eP		05	54.6					38.5								2	—	
27	Nagoya	0	eP_E	23	22	12.2													4	—	
27	Nagoya	0	eP_E	23	27	19.9				e_N	40.7										
	Hikone	0	P?		27	22.1					23.8								3	10	
	Ōsaka	0	eP?		28	08.6													4	00	
27	Hikone	0	P?	23	31	35.1													3	—	
28	Kameyama	0	e	03	27	47.6													3	—	
28	Sumoto	0	eH?	06	37	36.6													2	50	Mindanao, Philippin Is.
	Takamatsu	0	eP		37	22.7					40.1								3	—	
	Nagoya	0	eP_E		37	37.6				e_E	48.7								6	10	
	Hikone	0	eP		37	39.1					44.7								3	30	$7\frac{1}{2}°N$
	Ōsaka	0	eP		37	54.1					47.6								7	—	$126°E$
	Kyōto	0	e		37	56.4													1	—	
	Kameyama	0	e		38	16.8													12	—	
28	Owase	0	eP	15	08	22.3					30.3								3	20	
	Toyooka	0	e?		08	24.9															
	Nagoya	0	eP_N		08	26.1				e_E	36.7								8	20	
	Kameyama	0	eP		08	27.1					30.7								9	—	
	Ibukiyama	0	eP_N		08	27.4															
	Hikone	0	eP		08	30.8					40.4								7	—	
	Kyōto	0	eP		08	32.7					38.6								4	—	
	Ōsaka	0	eP_E		08	38.5					39.9								7	—	
	Sumoto	0	eP_H		08	48.1					32.3								4	50	
	Tokushima	0	eP_E		08	50.8					42.7								3	50	
	Takamatsu	0	eP		08	55.5					42.0								4	—	
	Kōbe	0	eP_H		09	17.7															
28	Hikone	0	eP?	02	36	52.8					41.2								2	30	
29	Nagoya	0	eP_E	00	01	08.4					24.3								1	40	
	Kameyama	0	e		01	09.6													1	—	
	Hikone	0	P?		01	11.0					39.5								3	—	
29	Nagoya	0	eP_E	07	09	03.1					46.9								4	40	
	Hikone	0	eP		09	06.8					41.1								4	—	
	Kameyama	0	e		09	06.9													3	—	
	Kyoto	0	eP		09	18.1					32.4								3	—	
	Ōsaka	0	eP		09	39.1													3	—	
	Ibukiyama	0	e?		09	55.0															
29	Maizuru	0	iP	10	10	51.3					8.7									57	矢謝半島
	Toyooka	I	iP_Z		10	53.1					30								1	—	N part of
	Okayama	0	eP		11	01.0					30.3								1	10	Kyōto Pref

Date	Station	SI.	Pha.	Time (J.M.T.) h	m	S	Initial M. N	E	Z	P~S m	S	Max. Amp. Amp. N	E	Z	Period N	E	Z	P~F h	m	S	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
	Tottori	0	ePN		11	01.9														19	
	Kameyama	0	eP		11	145					18.6								2	+	
	Takamatsu	0	eP		11	14.7					21.7								=	—	
	Kōbe	0			11	18.7															
	Nagoya	0	ePE		11	19.9					21.2								1	30	
	Sumoto	0	ePH?		11	26.1					30									45	
29	Tsurugiyama	I		15	28	—															
29	Kyōto	0	eP	22	44	56.7					38.3								2	—	
29	Ibukiyama	0	ePN?	21	55	~~19.6~~ 39.7															
	Owashi	0	eP		55	40.4					25.2								1	50	
	Hikone	0	eP		55	41.0					41.7								5	—	
	Kameyama	0	eP		55	42.2					32.3								5	—	
	Nagoya	0	ePE		55	49.3				eE	22.6								5	00	
	Tokushima	0	ePE		55	50.2													3	30	
	Kyōto	0	eP		55	50.8					37.0								3	—	
	Takamatsu	0	eP		56	10.5					53.2								4	—	
	Sumoto	0	eH		56	35.1													2	10	
	Ōsaka	0	eP		56	39.6					31.4								6	—	
29	Kameyama	0	e	22	42	31.2													2	—	
29	Nagoya	0	eE	22	44	42.9					45.0								4	00	
	Ibukiyama	0	ePN		44	44.7															
	Hikone	0	eP		44	49.7					38.9								3	—	
30	Nagoya	0	ePE	03	44	58.5													1	50	
30	Nagoya	0	ePE	04	31	21.5													2	20	
	Matsuyama	0	ePE	12	42	06.2					17.5								1	10	
	Hiroshima	0	eS		42	11.6													1	10	
30	Nagoya	0	ePE	17	21	17.5													1	20	
30	Ōsaka	0	eP	17	40	06.3															
30	Nagoya	0	ePE	18	39	56.1					57.3								3	50	
	Kameyama	0	e		40	00.7													3	—	
	Hikone	0	eP		41	01.2													5	—	
30	Hikone	0	eP	18	46	10.5					3.4									30	
36	Nagoya	I	ePE	21	06	07.4					1.9								2	40	
	Hiroshima	0	eP		06	12.0					6.9								1	40	
	Kameyama	0	P		06	13.1					8.7								2	—	
	Ibukiyama	0	eSH?		06	17.9															
	Ōsaka	0	eP?		06	35.7					8.0								2	—	
31	Nagoya	0	PN	03	41	22.6					3.5								1	20	
	Kameyama	0	P		41	24.0					14.8								2	—	
	Hikone	0	eP		41	29.8					7.5								1	20	
	Ibukiyama	0	ePN		41	30.7															
31	Nagoya	0	eE	07	12	23.1													2	20	
31	Nagoya	0	ePE	09	38	48.9													1	50	
31	Wakayama	I	ePE	12	37	54.6					0.8		1.4		—					15	
31	Hikone	0	eP	14	25	58.2					6.7								1	40	
	Nagoya	0	ePE		26	03.7													1	40	
	Ibukiyama	0	eSN?		26	04.9															
	Kameyama	0	eP		26	08.4					4.5								2	—	

Date	Station	SI	Pha	Time (J.M.T)			Initial M			P~S		Max · Amp						P~F			Remarks
												Amp			Period						
				h	m	S	N	E	Z	m	S	N	E	Z	N	E	Z	h	m	S	
31	Kameyama	0	e	18	37	17.0	u	u	u			u	u	u	S	S	S		2	—	
	Nagoya	0	ePE		37	33.5													2	1.0	
31	Nagoya	0	ePE	18	46	03.3													1	40	
31	Kameyama	0	e	19	16	07.4													1	—	
31	Wakayama	0	eP	22	06	02.5					09	5	6		—	—				10	
31	Wakayama	0	ePE	23	34	41.2					1.5		2			—				12	

31 年12月

地震観測表（地震計なき官署の分）

Report of Earthquakes (No Seismometer)

Dec 1956

Date	Station		Prefecture	S. I.	Time	
	Roman	Japanease			h	m
1	Tadon	田 殿	Wakayama	I	10	25
	Tadon	田 殿	〃	I	19	54
4	Gobō	御 坊	〃	II	22	50
	Kōyasan	高野山	〃	I	22	50
	Tsubakidomari	椿 泊	Tokushima	II	22	—
7	Tanabe	田 辺	Wakayama	I	00	03
	Shirahama	白 浜	〃	I	00	11
	Tadono	田 殿	〃	I	00	12
	Tadono	田 殿	〃	I	03	01
	Tadono	田 殿	〃	I	03	20
	Hinotani	日野谷	Tokushima	II	12	17
10	Tadono	田 殿	Wakayama	I	07	01
	Tadono	田 殿	〃	I	08	10
12	Higashinogami	東野上	〃	I	13	25
14	Shishikui	穴 喰	Tokushima	II	21	30
	Kawai	川 井	〃	II	21	40
	Hiwasa	日和佐	〃	II	21	41
15	Tadono	田 殿	Wakayama	I	05	30
	Kawai	川 井	Tokushima	II	11	50
16	Kawai	川 井	〃	I	11	36
	Hiwasa	日和佐	〃	III	14	43
	Tsubakidomari	椿 泊	〃	I	14	44
	Shishikui	穴 喰	〃	II	14	45
17	Tadono	田 殿	Wakayama	I	00	20
19	Oyama	尾 山	Nara	II	02	22
	Kinomoto	木ノ本	Hikone	I	02	22
20	Kawai	川 井	Tokushima	II	21	30

International Seismological Centre

Date	Station		Prefecture	S.I.	Time	
	Roman	Japanease			h	m
23	Hiki	日置	Wakayama	Ⅱ	20	25
	Kurisugawa	栗栖川	〃	I	20	25
	Shirahama	白浜	〃	I	20	27
	Tanabe	田辺	〃	I	20	30
25	Hongawa	本川	Kōchi	I	17	42

測候所地震回数　昭和３１年

Number of earthquakes 1956

W : Wiechert's seismometer　　P : Portable seismometer

O : Ōmori's seismometer　　S : Strong motion seismograph

T : Tremometer　　A : Accelercation seismograph

Kinki Area

Hikone　　(W.S.)

SI \ Month	Jan	Feb	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec	Year
I	1	1	—	—	—	—	—	—	1	1	1	—	5
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	1	—	—	—	—	—	—	1	1	1	—	5
O	24	29	21	18	24	18	25	35	18	28	21	61	322
Total	25	30	21	18	24	18	25	35	19	29	22	61	327

Himeji　　(W.P.)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	—	—	—	—	1	—	—	—	2
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	—	—	—	—	—	—	—	1	—	—	—	2
O	1	7	—	1	2	4	7	3	3	3	4	4	39
Total	2	7	—	1	2	4	7	3	4	3	4	4	41

International Seismological Centre

Ibukiyama (P)

S.I \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	—	—	—	1	—	—	—	1	3
II	—	1	—	—	—	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	1	—	—	—	—	—	1	—	—	—	1	4
0	10	22	14	14	18	14	11	9	10	15	6	34	177
Total	11	23	14	14	18	14	11	10	10	15	6	35	181

Kōbe (W.S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	—	—	—	—	—	1	—	1	3
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	—	—	—	—	—	—	—	—	1	—	1	3
0	7	11	8	6	8	9	9	9	10	17	6	14	114
Total	8	11	8	6	8	9	9	9	10	18	6	14	117

Kyōto (W.P.S)

SI \ Mouth	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	1	—	1	—	—	—	1	—	—	1	—	5
II	—	—	—	—	1	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	1	—	1	1	—	—	1	—	—	1	—	6
0	22	20	24	18	16	16	19	31	9	22	12	46	256
Total	23	21	24	19	17	16	19	32	9	22	13	46	267

International Seismological Centre

Maizuru (P)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	—	1	—	1	—	—	—	—	—	—	—	2
II	—	—	—	—	—	—	—	—	1	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	—	—	1	—	1	—	—	—	1	—	—	—	3
0	4	7	1	5	4	4	1	2	2	7	4	8	49
Total	4	7	2	5	5	4	1	2	3	7	4	8	52

Nara (P.S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	4	—	—	—	1	—	—	1	2	—	—	9
II	—	—	—	—	—	—	—	1	—	—	1	—	2
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	4	—	—	—	1	—	1	1	2	1	—	11
0	12	12	9	12	14	10	7	12	7	11	4	6	116
Total	13	16	9	12	14	11	7	13	8	13	5	6	127

Ōsaka (WOSAP)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	—	1	—	—	—	—	1	—	3
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	1	—	—	—	—	1	—	—	—	—	1	—	3
0	11	15	18	10	17	12	21	34	14	22	12	35	222
Total	12	15	18	10	17	13	21	34	14	22	13	35	225

International Seismological Centre

Shionomisaki (WPS)

S.I \ Mouth	Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	2	1	—	1	—	—	—	1	6
II	—	—	—	—	—	—	—	—	—	—	1	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	—	—	—	2	1	—	1	—	—	1	1	7
0	12	15	11	9	10	11	12	12	8	15	10	17	142
Total	13	15	11	9	10	12	12	13	8	15	11	18	149

Sumoto (WOS)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	1	—	—	—	—	1	1	—	1	—	1	5
II	—	1	—	—	—	—	—	—	—	1	—	—	2
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	2	—	—	—	—	1	1	—	2	—	1	8
0	39	43	44	26	23	37	24	21	18	30	23	39	367
Total	40	45	44	26	23	37	25	22	18	32	23	40	375

Toyooka (WOS)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	—	—	—	1	—	—	1	—	—	—	1	3
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	—	—	—	—	1	—	—	1	—	—	—	1	3
0	5	11	6	8	7	8	10	9	7	13	6	12	102
Total	5	11	6	8	8	8	10	10	7	13	6	13	105

International Seismological Centre

Wakayama (W.P.S)

S.I \ Mouth	Jan	Feb	Mar.	Apr.	May	Jane	July	Aug.	Sept.	Oct	Nov	Dec	Year
I	15	10	8	7	15	10	10	11	8	12	7	10	123
II	4	1	—	—	1	3	2	3	—	4	1	—	19
III	—	—	—	—	—	—	—	1	—	—	0	4	5
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt ear)	19	11	8	7	16	13	12	15	8	16	8	14	147
0	43	38	28	26	16	34	21	31	30	27	18	43	355
Total	~~63~~ 62	49	36	33	32	47	33	46	38	43	26	57	502

Chūgoku Area

Hamada (W.S.O.T)

S.I \ Mouth	Jan	Feb.	Mar	Apr.	May	Jane	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	—	—	—	—	—	—	—	—	—	—	—	
II	—	—	—	—	1	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	—	—	—	—	1	—	—	—	—	—	—	—	1
0	9	13	5	6	6	6	7	8	8	8	9	11	96
Total	9	13	5	6	7	6	7	8	8	8	9	11	97

Hiroshima (W.P.S.O)

S.I \ Mouth	Jan	Feb.	Mar	Apr.	May	Jane	July	Aug	Sept.	Oct.	Nov.	Dec	Year
I	—	1	3	—	—	—	1	—	—	—	—	—	5
II	1	1	—	—	—	—	—	—	—	—	1	—	3
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	2	3	—	—	—	1	—	—	—	1	—	8
0	12	16	9	10	10	14	14	13	8	12	15	12	145
Total	13	18	12	10	10	14	15	13	8	12	16	12	153

International Seismological Centre

Matsue (P.S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	—	—	—	—	—	—	—	—	—	—	—	1
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	—	—	—	—	—	—	—	—	—	—	—	1
0	1	6	2	3	2	0	5	3	2	3	6	5	38
Total	2	6	2	3	2	0	5	3	2	3	6	5	39

Okayama (P.S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	2	1	—	—	—	1	—	—	—	—	—	1	5
II	—	1	—	—	—	—	—	—	—	1	—	—	2
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	2	2	—	—	—	1	—	—	—	1	—	1	7
0	1	3	3	1	0	1	5	3	1	2	4	5	29
Total	3	5	3	1	0	2	5	3	1	3	4	6	36

Saigō (P.S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec	Year
I	—	—	—	—	—	—	—	—	—	—	—	—	—
II	—	—	—	—	—	1	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	—	—	—	—	—	1	—	—	—	—	—	—	1
0	2	6	1	0	1	3	6	2	2	2	7	3	35
Total	2	6	1	0	1	4	6	2	2	2	7	3	36

International Seismological Centre

Tottori (P.S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct	Nov	Dec	Year
I	—	1	—	—	—	—	—	1	—	—	—	—	2
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	1	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	—	1	—	—	—	1	—	1	—	—	—	—	3
0	2	9	4	10	3	4	4	3	3	3	3	5	53
Total	2	10	4	10	3	5	4	4	3	3	3	5	56

Yonago (P.O S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.	Year
I	1	1	—	—	—	—	—	—	—	—	—	—	2
II	—	—	—	—	—	1	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	1	—	—	—	1	—	—	—	—	—	—	3
0	1	5	2	3	2	5	0	3	3	3	2	4	27
Total	2	6	2	3	2	6	0	3	3	3	2	4	30

Shikoku Area

Kōchi (W.O S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	3	—	—	—	—	—	—	1	—	1	—	6
II	—	1	—	—	—	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	4	—	—	—	—	—	—	1	—	1	—	7
0	22	31	20	21	11	17	23	22	16	22	21	20	246
Total	23	35	20	21	11	17	23	22	17	22	22	20	253

International Seismological Centre

Matsuyama (W.P.T.S)

SI \ Mouth	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	—	—	—	—	—	—	—	—	—	1	—	1
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	1—	—	—	—	—	—	—	—	—	—	—	—	1—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
(Total)	1—	—	—	—	—	—	—	—	—	—	1	—	2
0	~~16+3~~	18	19	11	12	16	16	16	13	15	~~16+7~~	13	~~18479~~
Total	~~17+3~~	18	19	11	12	16	16	16	13	15	~~17+8~~	13	~~183+80~~

Murotomisaki (W.P.S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	—	1	—	—	—	—	—	—	—	—	1	—	2
II	—	—	—	—	—	—	1	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
(Total)	—	1	—	—	—	—	1	—	—	—	1	—	3
0	15	24	16	28	17	19	23	12	11	10	9	9	193
Total	15	~~24~~ 25	16	28	17	19	24	12	11	10	10	9	196

Shimizu (W.S)

S.I \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Year
I	2	—	—	—	—	—	—	—	—	1	—	—	3
II	—	—	—	—	—	—	1	—	—	—	—	—	1
III	—	—	—	—	—	—	—	2	—	—	—	—	2
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
(Total)	2	—	—	—	—	—	1	2	—	1	—	—	6
0	11	13	7	7	7	12	10	8	6	12	11	13	117
Total	13	13	7	7	7	12	11	10	6	13	11	13	123

International Seismological Centre

Sukumo (S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov	Dec.	Year
I	2	2	—	—	—	—	—	—	—	1	—	—	5
II	—	—	—	—	—	—	1	1	—	—	—	—	2
III	—	—	—	—	—	—	—	1	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	2	2	—	—	—	—	1	2	—	1	—	—	8
0	0	3	2	1	1	1	0	1	1	3	3	—	16
Total	2	5	2	1	1	1	1	3	1	4	3	—	24

Takamatsu (WPS)

SI \ Mouth	Jan.	Feb	Mar.	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
I	1	1	—	—	—	—	—	—	—	1	—	—	3
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	1	—	—	—	—	—	—	—	1	—	—	3
0	28	27	24	25	22	27	31	28	20	23	24	42	321
Total	29	28	24	25	22	27	31	28	20	24	24	42	324

Tokushima (PS)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept	Oct.	Nov	Dec.	Year
I	1	1	—	—	—	—	1	—	—	—	1	1	5
II	—	—	—	—	—	—	—	—	—	1	—	—	1
III	—	1	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	1	2	—	—	—	—	1	—	—	1	1	1	7
0	9	16	14	13	7	22	27	28	27	25	26	42	256
Total	10	18	14	13	7	22	28	28	27	26	27	43	268

International Seismological Centre

Erratum

page	row	column	error	correct
154	33	station	Hikone	Hiroshima
〃	35	〃	Hiroshima	Hikone
158 ~167		S. I.	Total (Felt ear.)	Total (Felt ear.)

Addition

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Date	Station	S.I	Pha	Time (J.M.T) h	m	s	Initial M N	E	Z	P~S m	s	Max · Amp Amp N	E	Z	Period N	E	Z	P~F h	m	s	Remarks
							μ	μ	μ			μ	μ	μ	s	s	s				
27	Sumoto	0	P_H	09	50	06.1														40	
	Wakayama	I	eP		50	16.6					1.0	11	14		—	—				20	
27	Ibukiyama	0	eP_N?	12	29	54.8															

International Seismological Centre

Isurugiyama (P.S)

SI \ Mouth	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	Year
I	—	—	—	—	—	1	—	—	1	—	1	2	5
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	—	—	—	—	—	1	—	—	1	—	1	2	5
0	—	—	—	—	—	—	1	—	2	—	1	—	4
Total	—	—	—	—	—	1	1	—	3	—	2	2	9

Uwajima (P S)

SI \ Mouth	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Year
I	1	3	1	—	—	—	1	—	—	1	1	—	8
II	1	—	—	—	—	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
V	—	—	—	—	—	—	—	—	—	—	—	—	—
VI	—	—	—	—	—	—	—	—	—	—	—	—	—
VII	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (Felt sar)	2	3	1	—	—	—	1	—	—	1	1	—	9
0	2	5	3	1	1	3	—	—	2	2	1	1	21
Total	4	8	4	1	1	3	1	—	2	3	2	1	30