International
Seismological
Centre

大阪管区

地震月報

昭和37年1月

THE MONTHLY REPORT OF EARTHQUAKES

January 1962

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

International Seismological Centre

APPENDIX 附　　録

Remarks（補　註）

S.I.	:	Scale of Seismic Intensity	気象庁震度階級
( ) in S.I,	:	Felt shock in a part of city, unfelt at station	気象官署では感じないが市中の一部で感じたもの
Pha.	:	Phase of initial record	最初の記象の相
i (in pha.)	:	Sudden commencement of a phase	立上りの鮮明な相
e (in pha.)	:	Gradual or indistinct commencement of a phase	立上りの不鮮明な相
E (in pha.)	:	recorded only E—W component	東西動成分
N (in pha.)	:	recorded only N—S component	南北動成分
H (in pha.)	:	recorded only horizontal component	水平動成分
Z (in pha.)	:	recorded only vertical component	上下動成分
Time	:	Time of occarence at station	観測所の発震時
Initial M	:	Initial motion	初　　動
+ (—)	:	North (South) or East (West) direction	初動方向の北（南）
(in Initial M)		of Initial motion	或は東（西）
μ	:	micron	ミクロン
P～S	:	Duration of preliminary tremor	初期微動継続時間
Remarks	:	Epicenter and others	記事　震央其の他

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1　観測所一覧表　　List of Stations

Station	Latitude N	Longitude E	Hight m	Station	Latitude N	Longitude E	Hight m
Hamada	34°54'	132°04'	18.8	Osaka	34°39'	135°32'	5.1
Hikone	35°16	136 15	88.8	Shimizu	32 47	132 58	3.6
Himeji	34 50	134 42	17.6	Shionomisaki	33 27	135 46	74.3
Hiroshima	34 22	132 26	29.7	Sumoto	34 20	134 54	109.6
Kōchi	33 34	133 33	40.4	Takamatsu	34 19	134 03	9.6
Kōbe	34 41	135 11	58.8	Tokushima	34 04	134 35	1.8
Kyōto	35 01	135 44	42.6	Tottori	35 31	134 11	17.7
Maizuru	35 28	135 23	31.2	Toyooka	35 32	135 49	32.0
Matsue	35 27	133 04	18.0	Tsurugisan	34 03	134 10	56.1
Matsuyama	35 50	132 47	32.4	Uwajima	33 14	132 33	43.4
Murotomisaki	33 15	134 11	185.3	Wakayama	34 14	135 10	14.3
Nara	34 41	135 50	105.0	Yonago	35 26	133 21	7.1
Okayama	34 41	133 55	3.8				

2　観測所一覧表　　List of Stations

*: Weather Station equipped with Seismographs.

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	中之郷	Nakanogo
3	*彦根	*Hikone	14	大津	Ōtsu
4	日野	Hino	15	多羅尾	Tarao
5	伊吹山	Ibukisan	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	52	生野	Ikuno
22	伊根	Ine	53	岩屋	Iwaya
23	木津	Kizu	54	出石	Izushi
24	河守	Kōmori	55	柏原	Kaibra
25	雲ケ畑	Kumogahata	56	神戸村	Kambemura
26	黒田	Kuroda	57	上郡	Kamigōri
27	*京都	* Kyoto	58	香住	Kasumi
28	*舞鶴	* Maizuru	59	城崎	Kinosaki
29	峰山	Mineyama	60	*神戸	* Kōbe
30	宮津	Miyazu	61	三木	Miki
31	瑞穂	Mizuho	62	村岡	Muraoka
32	中上林	Nakakanbayashi	63	灘	Nada
33	大河原	Ōgawara	64	中町	Nakachō
34	下和知	Shimowachi	65	西宮	Nishinomiya
35	周山	Shūzan	66	西脇	Nishiwaki
36	園部	Sonobe	67	西谷	Nishitani
37	宇治田原	Ujidawara	68	六甲山	Rokōsan
大阪府		Osaka Pref.	69	佐治	Saji
38	池田	Ikeda	70	志筑	Shizuki
39	天王	Tennō	71	三田	Sanda
40	上之郷	Kaminogo	72	篠山	Sasayama
41	岸和田	Kishiwada	73	末野	Sueno
42	*大阪	* Ōsaka	74	*洲本	* Sunoto
43	鳳	Ōtori	75	田原	Tahara
44	東郷	Tōgō	76	高砂	Takasago
45	富田林	Tondabayashi	77	竜野	Tatsuno
兵庫県		Hyōgo Pref.	78	富島	Tojima
46	明石	Akashi	79	*豊岡	* Toyooka
47	浜阪	Hamasaka	80	都志	Tsushi
48	*姫路	* Himeji	81	和田山	Wadayama
49	一の宮	Ichinomiya	82	山崎	Yamazaki
50	市	Ichi	83	八鹿	Yōka
51	家島	Iejima			

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Number	Station		Number	Station	
奈良県 Nara Pref.			115	下里	Shimosato
84	洞川	Dorogawa	116	新宮	Shingu
85	五条	Gojyō	117	*潮岬	*Shionomisaki
86	榛原	Haibara	118	白浜	Shirahama
87	河合	Kawai	119	田殿	Tadono
88	川上	Kawakami	120	田辺	Tanabe
89	荒神岳	Kōjindake	121	*和歌山	*Wakayama
90	南之庄	Minaminosyō	122	八幡	Yahata
91	*奈良	*Nara	岡山県 Okayama Pref.		
92	王寺	Ōji	123	味野	Ajino
93	尾山	Oyama	124	千屋	Chiya
94	大淀	Ōyodo	125	福渡	Fukuwatari
95	曽弥	Soni	126	古町	Furumachi
96	寺垣内	Terakaido	127	行方	Gyōhō
97	十津川	Totsugawa	128	併和	Haga
98	八木	Yagi	129	林野	Hayashino
99	前鬼	Zenki	130	上長田	Kaminagata
和歌山 Wakayama Pref.			131	笠岡	Kasaoka
100	近野	Chikano	132	北木島	Kitakijima
101	御坊	Gobō	133	小中原	Konakabara
102	東野上	Higashinogami	134	倉見川	Kuramigawa
103	日置	Hiki	135	倉敷	Kurashiki
104	市鹿野	Ichikano	136	久世	Kuse
105	色川	Irokawa	137	三石	Mitsuishi
106	岩出	Iwade	138	長島	Nagashima
107	川上	Kawakami	139	*岡山	*Okayama
108	清川	Kiyokawa	140	奥津	Okutsu
109	高野山	Kōyasan	141	恩原	Omhara
110	栗栖川	Kurisugawa	142	西大寺	Saidaiji
111	三里	Misato	143	下砦部	Shimoazabe
112	応其	Ōgo	144	新見	Nimi
113	竜神	Ryujin	145	周	Susai
114	七川	Shichikawa	146	高梁	Takahashi

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Number	Station		Number	Station	
147	玉島	Tamashima	179	御調	Mitsugi
148	東ノ崎	Higashinozaki	180	三次	Miyoshi
149	豊野	Toyono	181	大朝	Ōasa
150	津山	Tsuyama	182	豊	Yutaka
151	宇治	Uji	183	大竹	Ōtake
152	牛窓	Ushimado	184	佐伯	Saeki
153	和気	Wake	185	西条	Saijyō
154	矢神	Yagami	186	瀬野	Seno
155	矢掛	Yakage	187	世羅西	Seranishi
156	山奥	Yamaoku	188	庄原	Shōhara
157	湯本	Yumoto	189	帝釈	Taishaku
広島県 Hiroshima Pref.			190	高野	Takano
158	千代田	Chiyoda	191	竹原	Takehara
159	江田島	Etajima	192	豊栄	Toyosaka
160	布野	Funo	193	油木	Yugi
161	廿日市	Hatsukaichi	194	八幡	Yawata
162	*広島	*Hiroshima	195	八鉾	Yahoko
163	比和	Hiwa	196	吉和	Yoshiwa
164	井原	Ihara	島根県 Shimane Pref.		
165	美土里	Midori	197	赤名	Akana
166	因島	Innoshima	198	赤屋	Akaya
167	上下	Jōge	199	知夫	Chibu
168	可部	Kabe	200	大東	Daitō
169	加計	Kakei	201	恵雲	Etomo
170	神辺	Kannabe	202	五箇	Goko
171	河内	Kochi	203	江津	Gōtsu
172	甲山	Kōzan	204	*浜田	*Hamada
173	倉橋	Kurahashi	205	波佐	Haza
174	呉	Kure	206	匹見	Hikimi
175	栗栖川	Kurisugawa	207	平田	Hirata
176	黒瀬	Kurose	208	広瀬	Hirose
177	松永	Matsunaga	209	市山	Ichiyama
178	三原	Mihara	210	出羽	Izuha

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Number	Station		Number	Station	
211	掛　合	Kakeya	243	東　伯	Tohaku
212	川　本	Kawamoto	244	*鳥　取	*Tottori
213	窪　田	Kubota	245	若　桜	Wakasa
214	益　田	Masuda	246	*米　子	*Yonago
215	*松　江	*Matsue	247	吉　成	Yoshinari
216	三　成	Minari	徳島県　Tokushima Pref.		
217	三　隅	Misumi	248	板　東	Bandō
218	六　日　市	Muikaichi	249	福　原　旭	Fukuhara—asahi
219	日　原	Nichihara	250	日　野　谷	Hinotani
220	大　田	Ōda	251	日　和　佐	Hiwasa
221	*西　郷	*Saigō	252	市　場	Ichiba
222	志　学	Shigaku	253	一　宇	Ichiu
223	塩　谷	Enya	254	池　田	Ikeda
224	大　社	Taisha	255	岩　倉	Iwakura
225	都　川	Tsukawa	256	川　井	Kawai
226	津　和　野	Tsuwano	257	木　頭	Kitō
227	浦　郷	Urago	258	小　松　島	Komatsujima
228	八　束	Yatsuka	259	鳴　門	Naruto
鳥取県　Tottori Pref.			260	鬼　篭　野	Orono
229	阿　毘　縁	Abire	261	芝　生	Shibō
230	青　谷	Aoya	262	宍　喰	Shishikui
231	智　頭	Chizu	263	*徳　島	*Tokushima
232	日　野　上	Hinokami	264	椿　泊	Tsubakidomari
233	法　勝　寺	Hōshoji	265	*剣　山	Tsurugisan
234	国　英	Kunifusa	266	横　瀬	Yokose
235	黒　坂	Kurosaka	香川県　Kagawa Pref.		
236	三　朝	Misasa	267	引　田	Hikita
237	名　和	Nawa	268	美　合	Miyai
238	根　雨	Neu	269	長　尾	Nagao
239	境	Sakai	270	大　角　鼻	Osumihana
240	関　金	Sekigane	271	塩　江	Shionoe
241	鹿　野	Shikano	272	多　度　津	Tadotsu
242	大　成	Taisei	273	*高　松	*Takamatsu

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Number	Station	
274	滝　宮	Takinomiya
275	土　庄	Tonosho
276	豊　浜	Toyohama
愛媛県 Ehime Pref.		
277	波　止　浜	Hashihama
278	伊　方	Ikata
279	岩　松	Iwamatsu
280	川　上	Kawakami
281	菊　間	Kikuma
282	久　万	Kuma
283	松　野	Matsuno
284	*松　山	*Matsuyama
285	美　川	Mikawa
286	三　島	Mishima
287	御　荘	Misho
288	長　浜	Nagahama
289	中　山	Nakayama
290	鈍　川	Nibukawa
291	新　居　浜	Nihama
292	野　村	Nomura
293	小　田　町	Odamachi
294	大　保　木	Ofuki
295	大　洲	Osu
296	西　条	Saijo
297	瀬　戸　崎	Setozaki
298	下　鍵　山	Shimokagiyama
299	新　立	Shinritsu
300	*宇　和　島	*Uwajima
301	宇　和　町	Uwamachi
302	八　幡　浜	Yahatahama
高知県 Kochi Pref.		
303	安　芸	Aki
304	天　坪	Amatsubo
305	長　者	Cho.ja
306	江　川　崎	Egawasaki
307	東　豊　永	Higashitoyonaga
308	東　津　野	Higashitsuno
309	本　川	Hongawa
310	池　川	Ikegawa
311	地　蔵　寺	Jizoji
312	*高　知	*Kochi
313	窪　川	Kubokawa
314	槇　山	Makiyama
315	三　原	Mihara
316	本　山	Motoyama
317	*室　戸　岬	*Murotomisaki
318	中　村	Nakamura
319	野　根	None
320	越　知	Ochi
321	大　野　見	Onomi
322	大　篠	Oshino
323	*清　水	*Shimizu
324	宿　毛	Sukumo
325	須　崎	Susaki
326	大　正	Taisho
327	高　岡	Takaoka
328	田　野	Tano
329	富　山	Tomiyama
330	津　大	Tsudai
331	魚　梁　瀬	Yanaze
332	夜　須	Yasu
333	檮　原	Yusuhara
三重県 Mie Pref.		
334	*亀　山	*Kameyama
335	*尾　鷲	*Owashi
336	*　津	*Tsu

Number	Station		Number	Station	
	愛知県 Aichi Pref.				
337*	名　古　屋	* Nagoya			

Remarks

Station		Station	
HMD	: Hamada	SMZ	: Shimizu
HKN	: Hikone	SMSK	: Shionomisaki
HMJ	: Himeji	SMT	: Sumoto
HRSM	: Hiroshima	TKMT	: Takamatsu
KOCH	: Kōchi	TKSM	: Tokushima
KOB	: Kōbe	TTR	: Tottori
KYT	: Kyōto	TYOK	: Toyooka
MIZR	: Maizuru	TRGS	: Tsurugisan
MTE	: Matsue	UWJM	: Uwajima
MTYM	: Matsuyama	WKYM	: Wakayama
MRTM	: Murotomisaki	YNG	: Yonago
NR	: Nara	NGY	: Nagoya
OKYM	: Okayama	OWS	: Owashi
OSK	: Ōsaka	KMYM	: Kameyama
SIG	: Saigo		

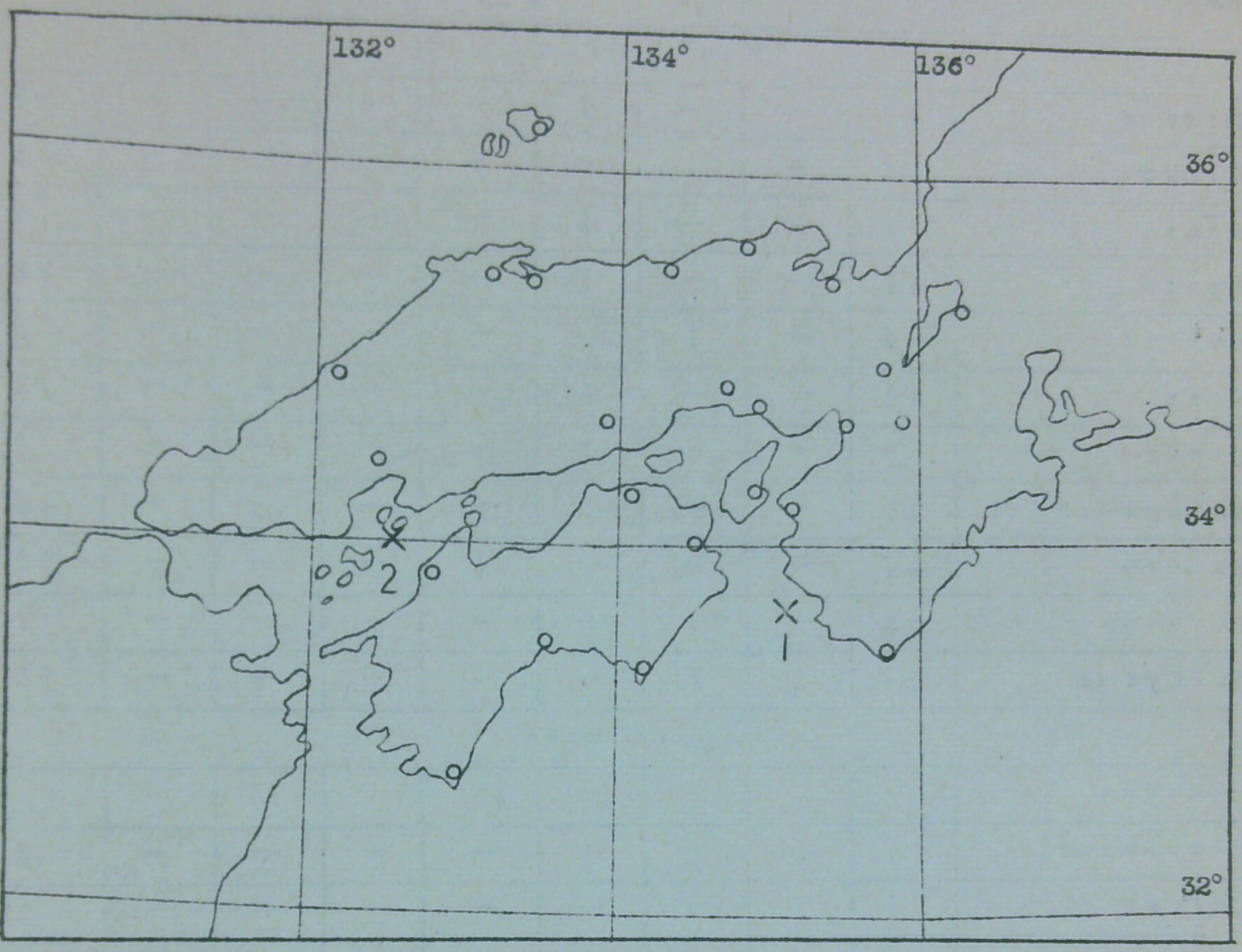
Number of earthquakes

January 1962

Station \ S.I.	O	I	II	III	IV	V	VI	VII	Total
Kinki area									
Hikone	18	—	—	1	—	—	—	—	19
Himeji	4	—	1	—	—	—	—	—	5
Kōbe	7	—	—	1	—	—	—	—	8
Kyōto	27	—	—	1	—	—	—	—	28
Maizuru	4	—	1	—	—	—	—	—	5
Nara	12	—	—	1	—	—	—	—	13
Ōsaka	8	—		1	—	—	—	—	9
Shionomisaki	11	—	—	1	—	—	—	—	12
Sumoto	24	—	—	—	1	—	—	—	25
Toyooka	6	—	1	—	—	—	—	—	7
Wakayama	24	6	1	—	—	—	—	—	31
Chūgoku area									
Hamada									
Hiroshima	7	1	—	—	—	—	—	—	8
Matsue	2	1	—	—	—	—	—	—	3
Okayama	6	—	—	1	—	—	—	—	7
Saigō	2	—	—	—	—	—	—	—	2
Tottori	11	1	—	—	—	—	—	—	12
Yonago	5	—	—	—	—	—	—	—	5
Shikoku area									
Kōchi	11	—	—	1	—	—	—	—	12
Matsuyama	15	2	—	—	—	—	—	—	17
Murotomisaki	10	—	—	—	1	—	—	—	11
Shimizu	8	—	1	—	—	—	—	—	9
Takamatsu	19	—	—	1	—	—	—	—	20
Tokushima	3	—	—	—	1	—	—	—	4
Tsurugisan	2	—	—	1	—	—	—	—	3
Uwajima									

Epicenter of the major felt earthquakes, in west of Honsha, Shikoku.

January 1962



January 1962

No	Date	Origin Time (J.S.T)	Epicenter				Mx S.I.
			Location	Lat.	Long.	Depth	
		h m		°N	°E	Km	
1	4	13 35	紀伊水道 Off W coast of Wakoyama Pref.	33.6	135.2	40	IV
2	21	23 38	安芸灘 Off S coast of Hiroshima Pref.	34.0	132.5	20	II

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Remarks

HMD :Hamada
HKN :Hikone
HMJ :Himeji
HRSM:Hiroshima
KOCH:Kōchi
KOB :Kōbe
KYT :Kyōto
MIZR:Mizuru
MTE :Matsue
MTYM:Matsuyama
MRTM:Murotomisaki
NP :Nara
OKYM:Okayama
OSK :Osaka
SIG :Saigo
SMZ :Shimizu
SMSK:Shiomisaki
SMT :Sumoto
TKMT:Takamatsu
TKSM:Tokushima
TTR :Tottori
TYOK:Toyooka
TRGS:Tsurugisan
UWJM:Uwajima
WKYM:Wakayama
YNG :Yonago
NGY :Nagoya
OWS :Owashi
KMYM:Kameyama

Period

0 : <0.4 sec.
1 : 0.5~1.4 sec.
2 : 1.5~2.4 sec.

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
1	HKN	0	eP	14	19	03.1																
	NGY	0	eP		19	21.—				eS	1	3.—										
1	KYT	0	eP	23	22	24.3				eS		1.6										
	MIZR	0	eP		22	31.6				eS		5.4										
2	SMT	0	eP	06	26	24.7				S		7.7										
2	NGY	0	eP	15	38	34.—				eS	1	8.—										
2	SMSK	0	i	16	16	50.1																
2	TTR	0	iP	22	38	50.1				iS		1.2										
4	NR	0	iP	13	16	36.1	+50	−30	(−)										i	47.0		相模湾
	NGY	0	iP		16	38.1	− 7	+18	(−)	iS		26.5	80	56		3	2					西部
	HKN	0	eP		16	46.3				S		32.5										Off W
	OWS	0	iP		16	47.3				S		33.9										coast of
	KYT	0	P		16	50.4	(−)	+64	(−)	S		35.6										

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Anplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OSK	0	iP		16	52.2			(−)	S		38.7	67	87	67	3	3	3				Shizuoka
	MIZR	0	eP		16	53.8		− 2	(+)	eS		38.7										Pref
	SMSK	0	iP		16	56.3	− 8	+ 1	(+)	iS		37.4										
	KOB	0	eP		16	57.2				eS		40.6										35.0°N
	TYOK	0	eP		16	59.3				iS		43.1										139.1°E
	SMT	0	iP		17	01.0	− 3	+ 2	(−)	eS		43.0										Km
	HMJ	0	eP		17	02.8				eS		45.3										h=130
	TTR	0	e		17	05.8																
	TKSM	0	iPN		17	05.8				iS		49.2										
	TKMT	0	eP		17	07.5				eS		47.2										
	TRGS	0	eP		17	11.8				eS		48.5										
	MRTM	0	eP		17	12.8													e	53.3		
	YNG	0	eP		17	16.3				S		57.0										
	KOCH	0	eP		17	17.6				eS		56.5										
	MTYM	0	e		17	25.1																
	HRSM	0	eS		19	30.4																
4	SMSK	III	iP	13	35	51.7	+445	−557	(−)	iS		6.6	43 mm	4.2 mm	2.8 mm	−	−	−				
	WKYM	IV	iP		35	53.8	+ 75	− 17	(+)	eS		8.4	6.4 mm	3.5 mm	2.5 mm	1	1	1				紀伊水道
	TKSM	IV	iP		35	54.4	− 10	+ 24		iS		8.2	5 mm	4.3 mm	2.8 mm	1	1	1				Off W
	SMT	IV	iP		35	56.0	−104	+ 79	(−)	iS		9.9	2.9 mm	3.3 mm	900 mm	2	4	2				coast of
	OWS	III	iP		35	56.2	(+)	(+)	(+)	S		10.7	11.4 mm	14.1 mm	9.0 mm	2	2	2				Wakayama
	MRTM	IV	eP		35	59.6				eS		12.8	13 mm	9.40 mm	4.90 mm	2	1	2				Pref.,
	KOB	III	iP		35	59.6	+ 30	− 23	(+)	iS		14.8	2.3 mm	5.4 mm	1.1 mm	1	3	2				W of
	OSK	III	iP		35	59.7	+195	+ 39	(+)	S		13.0	6.5 mm	7.5 mm	3.9 mm	5	4	3				Honshn
	NR	III	iP		36	00.7	(+)	(−)	(+)	iS		14.6	6.6 mm	4.6 mm	83 mm	0	0	0				
	TRGS	III	iP		36	00.7	− 33	+ 83		iS		13.6	3 mm	1.2 mm		5	5					33.6°N
	TKMT	III	iP		36	01.3	− 26	+116	(−)	iS		16.2	1.9 mm	2.4 mm	13 mm	1	2	4				135.2°E
	OKYM	III	iP		36	04.3	− 16	+ 20	(−)	iS		18.0	910 mm	1.2 mm	270 mm	1	1	0				Km h=40

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	HMJ	II	iP		36	04.5	− 44	+ 13	(−)	iS		16.0	mm 1.0	590	500	2	2	2				
	KYT	III	iP		36	05.1	+110	+ 26	(+)	S		15.2	mm 2.4	mm 1.8	900	2	3	2				
	KOCH	III	P		36	05.5	+ 4	+ 14	(−)	iS		16.5	mm 1.4	mm 1.4	600	0	0	0				
	MIZR	II	iP		36	10.2	+ 8	− 2	(+)	iS		9.9	220	410	150	1	1	2				
	HKN	III	iP		36	12.3	+ 54	+ 27	(+)	S		21.1	mm 3.0	mm 1.6	950	3	2	1				
	TYOK	II	iP		36	12.6				S		23.6	mm 1.0	mm 1.0	650	2	2	2				
	TTR	I	iP		36	13.1	− 16	+ 6	(−)	iS		25.4	760	400	470	2	2	2				
	NGY	III	iP		36	14.0	+147	+153	(+)	S		28.9	mm 22	mm 2.1	mm 1.1	2	1	2				
	SMZ	II	iP		36	14.1	− 7	− 9	(+)	iS		23.9	210	320	190	3	2	4				
	MTYM	I	iP		36	17.0	(−)	+ 12	(−)	iS		27.0	530			—						
	UWJM	I	iP		36	18.5		− 2					600	270		3	3					
	HRSM	I	iP		36	19.2	− 3	+ 14	(−)	S		33.8	350	280	470	4	4	4				
	YNG	0	iP		36	20.0	− 9	+ 8	(−)	S		30.3	220	270	94	1	1	1				
	MTE	I	e		36	22.4							430	410		3	3		i		322	
	SIG	0	P		36	29.7				S		35.2	350	280		4	4					
4	WKYM	0	eP	14	02	10.5				eS		8.4										
	TKMT	0	e		02	22.3																
	KYT	0	eS		02	38.5																
4	OWS	0	P	14	15	41.6				S		10.1										紀伊水道
	SMSK	0	P		15	54.1				S		6.1										Off W
	SMT	0	eP		15	55.0				eS		16.8										coast of
	WKYM	0	eP		15	57.0				eS		8.4	39	30		—	—					Wakayama
	MRTM	0	eP		16	03.9				iS		12.1										Pref.,
	TKMT	0	eP		16	06.6				eS		19.1										W of
	KYT	0	eP		16	08.3				eS		15.4										Honshu
	OSK	0	e		16	10.—																
	KOB	0	eP		16	11.7		+ 10		iS		18.4							i		70	
	OKYM	0	eP		16	12.6				eS		18.3										

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Phn. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	KOCH	0	eP		16	14.4				iS		140										
	NGY	0	eP		16	17.—				eS		28.—										33.6°N 135.3°E Km h=40
	MTYM	0	e		16	26.4																
	TTR	0	e		16	33.8																
	MIZR	0	e		16	35.0																
	TYOK	0	e		16	39.6																
4	SMSK	0	P	14	58	28.1				S		73										
	WKYM	0	eP		58	30.9				eS		7.6										
	TKMT	0	e		58	40.9																
	KOB	0	e		58	40.—				eS		40.—										
	KYT	0	eS		58	57.2																
4	WKYM	0	eP	15	49	58.8				eS		1.7										
4	NGY	0	eP	15	57	05.—																
4	WKYM	0	eP	16	45	26.0				eS		1.0										
4	SMSK	0	iP	18	29	21.0	+	2	— 4 (—)	iS		7.6										和歌山県西岸 W coast of Wakayama Pref. 33.7°N 135.3°E Km h=20
	WKYM	0	eP		29	22.2				eS		7.0	62	45		—	—					
	SMT	0	eP		29	23.5				eS		10.3										
	OWS	0	iP		29	25.2				S		9.8	49	48		—	—					
	KOB	0	eP		29	27.9				iS		12.4										
	MRTM	0	iP		29	28.1	(+)		(—) (—)	iS		13.1										
	NR	0	iP		29	28.9	—200		+150 (+)	iS		12.8										
	OSK	0	e		29	28.—				iS		11.—										
	TKMT	0	eP		29	31.2				eS		15.2										
	HMJ	0	eP		29	31.4				eS		13.1										
	KYT	0	eP		29	32.7	(+)			iS		15.0										
	HKN	0	eP		29	37.0																
	KOCH	0	eP		29	39.0				iS		12.7										
	OKYM	0	eP		29	39.0				eS		18.2										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	TTR	0	eP	29 41.3		eS	24.2					
	NGY	0	eP	29 43.2		eS	26.2					
	MTYM	0	e	29 48.8								
4	SMSK	0	P	22 13 53.7		S	6.7					和歌山県西岸
	WKYM	0	eP	13 57.7		eS	6.5					
	SMT	0	eP	13 57.9		S	12.2			i	10.0	W coast of Wakayama Pref.
	NR	0	eP	14 02.7		eS	13.2					
	KYT	0	eP	14 06.9		eS	16.2					
	NGY	0	eP	14 17.—		eS	28.—					
	TKMT	0	e	14 18.4								
5	MTYM	0	eP	00 33 44.5		S	16.0					
	TKMT	0	e	33 59.9								
	SMT	0	e	34 18.1								
5	SMSK	0	i	04 07 05.3								
5	SMT	0	eP	07 53 39.2		S	2.0					
5	SMZ	0	P	10 15 48.1		eS	7.3					
6	MTYM	0	eP	00 05 03.1		eS	20.5					
6	NGY	0	eP	10 43 31.—		S	4.—					
7	WKYM	0	eP	23 50 43.5		eS	1.0					
	SMT	0	eP	50 47.3		S	3.5					
8	SMZ	0	eP	09 49 52.2		iS	10.2					
	MTYM	0	eP	50 00.2		eS	14.0					
	HRSM	0	eP	50 06.5		S	18.8					
	KOCH	0	eP	50 14.9						e	15.7	
8	HRSM	0	eL	11 08 41.1								
8	NR	0	e	16 05 00.7								
9	SMSK	0	eP	01 58 57.4		eS	6.9					
	WKYM	0	eP	58 59.0		eS	8.2	15	—			

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Phs m	s	Remarks
	OWS	0	P		59	01.5				S		9.8										紀伊水道
	SMT	0	eP		59	02.1				iS		92										Kii
	MRTM	0	iP		59	06.0	⊕			iS		12.4										Channel
	NR	0	eP		59	07.1				eS		11.3										
	TKMT	0	eP		59	14.3				eS		11.0										
	TKSM	0	eP		59	15.0																
	OKYM	0	eP		59	17.4				eS		6.5										
	OSK	0	e		59	18.1																
	KYT	0	iS		59	26.7																
9	MTYM	0	eP	13	21	12.0				eS		25.5										
9	OWS	0	eP	21	43	03.9													e	2	31.9	
	NGY	0	eP		43	07.—				eS	1	52.—										
	TYOK	0	P		43	10.1				S	1	55.5										釧路沖
	HKN	0	eP		43	14.8				eS	1	52.7										Off SE
	OSK	0	eP		43	23.1													e	2	36.6	coast of
	NR	0	e		43	25.8																Hokkaido
	KYT	0	iP		43	29.8	—3	—4	⊕	eS	2	0.0										
	SMT	0	P		43	33.7				e	2	17.6							i	3	59.1	42.9°N
	TKMT	0	eP		43	38.0													e	3	33.7	145.3°E
	KOB	0	e		43	39.—													e	3	7	Km h=50
	HRSM	0	eP		43	46.—																
	KOCH	0	eP		43	48.9				eS	2	55.8							e	3	15.2	
	MTYM	0	eP		43	54.7													e	3	27.0	
	SMZ	0	eP		44	02.9				eS	2	40.0										
	SMSK	0	e		45	25.0																
9	SMT	0	i	21	53	47.7																
10	MRTM	0	eP	05	37	32.9				eS		4.0										
10	NGY	0	e	07	19	39.—																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	KYT	0	eS		19	53.7																
10	WKYM	0	eP	08	12	21.7				eS		1.0										
10	NGY	0	eP	10	25	46.—				eS		44.—										
	HKN	0	eP		25	58.8																
	KYT	0	eS		26	59.9																
10	WKYM	0	eP	14	33	44.2				eS		0.8				—						
10	TTR	0	e	22	42	53.5																
11	TTR	0	e	06	53	45.2																
11	KYT	0	e	14	17	37.3																
11	WKYM	0	eP	20	36	09.0				eS		1.0										
11	WKYM	0	eP	20	36	27.4				eS		0.5	65	10		—	—					
12	WKYM	0	eP	02	35	32.4				eS		1.5	35			1						
	SMT	0	e		35	41.6																
12	KYT	0	eP	11	46	30.7				eS		0.9										
12	KOCH	0	eP	13	34	46.5				eS		5.2										
12	NGY	0	eP	17	54	18.—													e	3	16	
	KYT	0	eP		54	23.9													e	2	34.4	
	OSK	0	e		54	25.—																
12	NGY	0	eP	22	39	32.—				eS	1	28.—										北海道南部 42.8°N 143.3°E h=40Km
	HKN	0	eP		40	21.2				eS	1	41.1										
14	WKYM	0	eP	02	41	40.3				eS		0.6										
14	WKYM	0	eP	03	29	25.2				eS		0.4										
14	NGY	0	eP	09	36	25.—																
14	WKYM	0	eP	15	26	57.8				eS		1.0										
14	TTR	0	e	22	36	19.6																北海道北西沖 Off NW coast of Hokkaido
	NGY	0	eP		36	24.—				eS	1	44.—										
	HKN	0	eP		36	27.6				eS	1	50.2										
	KYT	0	eP		36	31.3				eS	1	57.2										

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	MTYM	0	eP		36	57.1				eS	2	11.0										44.4°N 141.2°E h=240Km
	KOCH	0	eP		36	58.4				S	2	22.3										
14	SMSK	0	e	22	38	53.3																
	MRTM	0	eP		39	09.0				eS		9.2										
15	WKYM	0	eP	02	59	41.5				eS		8.6										
	SMT	0	eP		59	44.9				S		9.4										
15	NGY	0	eP	03	45	25.—																
15	MTYM	0	e	17	07	01.6																
15	WKYM	0	eP	23	13	33.5				eS		1.1										
	SMT	0	eP		13	36.3				eS		2.4										
16	NGY	0	eP	08	00	34.—				eS		36.—										九十九里浜 Off SE coast of Chiba Pref. 35.6°N 146.6°E h=30Km
	HKN	0	P		00	47.3																
	KYT	0	eP		00	48.9				eS	1	15.7										
	OSK	0	e		01	09.—																
	TYOK	0	e		01	52.—																
	NR	0	e		02	18.1																
16	TTR	0	iP	18	16	19.5				iS		7.2										
	OKYM	0	P		16	19.8				iS		8.1										
	TYOK	0	eP		16	24.5				S		1.9										
16	WKYM	0	eP	20	36	46.9				eS		1.0	20	15		—	—					
16	WKYM	0	eP	23	49	29.1				eS		0.5										
16	WKYM	0	eP	23	51	32.3				eS		0.7										
	SMT	0	eP		51	37.8				S		1.5										
17	NR	0	eP	00	09	59.3				eS		2.6										
17	NGY	0	eP	15	48	38.—				eS		13.—										
17	SMT	0	eP	16	29	54.7				iS		1.6										
18	KYT	0	eS	06	55	23.4																
19	SMT	0	P	03	20	50.2				iS		8.2										

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	WKYM	0	eP		20	50.6				eS		8.2										
	TKSM	0	ePN		20	52.2																
21	SMT	0	eP	1	46	37.2				S		6.1										
21	MTYM	I	P	23	33	52.6			⊕	iS		5.5	92	120		—	—					安芸灘
	HRSM	0	eP		39	06.9				iS		7.6										Off S
	KOCH	0	eP		39	10.6				eS		11.6										coast of
	SMZ	0	P		39	15.3				S		16.1										Hiroshima
	TKMT	0	eP		39	18.1				eS		14.6										Pref.
	OKYM	0	eP		39	18.2				S		17.0										34.0°N
	MRTM	0	eP		39	21.7				eS		20.0										132.5°E
	HMJ	0	eP		39	30.0				S		26.3										h=20Km
	SMT	0	eP		39	30.5				eS		24.5										
	YNG	0	eP		39	35.3				S		20.8										
	KYT	0	eS		40	23.1																
22	OKYM	0	eP	05	50	34.8				iS		8.2										
	TKMT	0	e		51	02.2																
23	WKYM	0	eP	05	34	36.5				eS		1.0		85		—						
23	SMZ	0	eP	08	20	30.4				S		20.9										
23	TKMT	0	eP	12	01	47.6																
	MTYM	0	e		02	25.2																
23	TTR	0	iP	19	29	57.8				iS		2.1	9	4		0	0					
23	SMZ	0	eP	21	28	52.4				eS		13.2										
	MTYM	0	eP		29	06.7				eS		26.5										日向灘
	HRSM	0	eP		29	12.1				eS		38.0										Off W
	KOCH	0	eP		29	12.7				eS		27.6										coast of
	MRTM	0	eP		29	27.7				eS		17.2										Kyushn
	TKMT	0	eP		29	28.2				eS		37.6										
	OWS	0	e		29	37.0																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	S	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	SMT	0	eP		29	49.5				S		34.5							i	1	2.2	31.8° N
	KYT	0	eP		30	10.3				eS		49.2										132.0° E
	YNG	0	eS		30	21.3																h = 20 Km
	TTR	0	e		30	28.0																
	HKN	0	eP		31	03.7																
24	NGY	0	eP	01	02	53.0				eS	1	6.4										
	KYT	0	iP		02	56.4				iS	1	10.7										
	HKN	0	P		02	57.5				S	1	11.6										
24	WKYM	0	e	01	10	54.4																
24	NGY	0	eP	05	43	26.—																
24	HKN	0	eP	21	57	49.1				iS		6.4										
	NGY	0	eP		57	53.0				eS		9.5										
	NR	0	eP		58	02.2				eS		12.7										
	KYT	0	eS		58	07.9																
25	HKN	0	P	10	59	22.4																
25	HKN	0	eP	11	28	23.5				S		3.3										
	NGY	0	eP		28	28.—				eS		6.—										
26	OWS	0	P	08	01	07.4				S		7.4										三重県中部 Central Part of Mie Prof.
	NGY	0	eP		01	08.6				eS		9.1										
	NR	0	eP		01	09.4				eS		7.8										
	HKN	0	eP		01	16.6				eS		7.3										
26	OWS	0	P	14	23	46.1				S		43.6										
	SMSK	0	P		23	46.1				S		42.3										東海道はるか沖 Off S coast of Honshu
	NGY	0	P		23	53.3	+ 7	− 4		iS		47.9										
	NR	0	i		23	53.5	+ 9	− 6	(+)													
	WKYM	0	eP		23	54.4	+12	−12	(+)	eS		25.0										
	HKN	0	iP		23	54.9	(+)	(−)	(+)	S		50.2										
	OSK	0	P		23	55.4				S		46.0	130	64		5	5					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	KYT	0	iP		23	55.6	+6	−3	⊕	iS		50.8										
	SMT	0	iP		23	56.8	+3	−8	⊕	iS		50.2							i		14.7	32.7°N 138.1°E h=320Km
	HMJ	0	P		24	01.1				S		53.6										
	MIZR	0	eP		24	03.1				eS		54.1										
	KOCH	0	iP		24	03.2		−6	⊕	iS		56.8										
	TKMT	0	iP		24	03.6				iS		54.5										
	TYOK	0	eP		24	06.0				iS		57.5										
	SMZ	0	i		24	07.2																
	TTR	0	P		24	09.0				eS		59.8										
	MTYM	0	iP		24	11.8	⊕	⊖		iS	1	2.0										
	HRSM	0	eP		24	15.7				eS	1	4.9										
	YNG	0	P		24	15.8				S	1	4.2										
	MRTM	0	eP		24	16.9				iS		52.0										
	MTE	0	e		24	19.3																
	SIG	0	eP		24	20.—													e	1	12	
27	MTYM	0	eP	00	29	53.1				eS		43.0										
27	WKYM	0	eP	00	48	56.5				eS		0.5										
27	WKYM	0	eP	03	31	46.2				eS		0.8										
27	TKMT	0	eS	14	41	37.0																
27	SMT	0	eP	15	41	31.0				eS		5.0										
	MRTM	0	eP		41	37.0				iS		7.6										
	TKMT	0	eP		41	37.0																
	SMSK	0	eP		41	38.4				S		3.4										
27	SMT	0	e	19	56	33.4																
29	WKYM	0	e	01	44	53.9																
29	NGY	0	eP	01	48	12.6																
	KYT	0	eS		48	14.5																
29	SMZ	0	P	09	45	53.7						136										

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
30	NGY	0	eP	02	18	58.—				eS		40.—										
	HKN	0	eP		19	13.6																
	KYT	0	eS		19	44.5																
30	NGY	0	eP	02	47	03.1				eS		27.1										茨城県 西部 36.1°N 134.9°E h= 95Km
	HKN	0	eP		47	11.4				eS		32.9										
	KYT	0	eP		47	12.2				eS		41.2										
	NR	0	e		47	51.9																
30	NGY	0	eP	02	56	39.—																
	KYT	0	eS		57	02.8																
30	NGY	0	eP	03	40	53.—																
30	SMT	0	e	09	30	01.0																
31	SMSK	0	eP	00	26	17.3						—							e	2	48.7	Maliana Is. 20.7°N 144.5°E h= 187Km (U.S.C.G.S)
	NGY	0	eP		26	27.—				eS	2	56.—										
	KYT	0	eP		26	30.3				eS	2	59.4										
	KOCH	0	eP		26	33.1				eS	2	47.2										
	HKN	0	eP		26	33.9																
	TKMT	0	eP		26	40.2				eS	2	58.7										
	MTYM	0	eP		26	40.4				eS	3	4.0										
	MTE	0	e		29	59.8																
31	SMZ	0	eP	11	54	37.9				S		6.6										
31	WKYM	0	eP	19	09	22.4				eS		1.3										

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

37年1月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of feeling
4	Ichikano	市鹿野	Wakayama	IV	13h 35m	VR	heard	S
	Higashinogami	東野上	〃	IV	35	R		L
	Iwade	岩出	〃	IV	35	R		S
	Kuriougawa	栗栖川	〃	IV	35	R		
	Irokawa	色川	〃	IV	35	R		L
	Tanabe	田辺	〃	IV	36	R	heard	S
	Shirahama	白浜	〃	IV	36	VR		L
	Hiki	日置	〃	IV	36	R		L
	Yahata	八幡	〃	IV	36	R		L
	Ryujin	竜神	〃	IV	36	R	heard	L
	Hiwasa	日和佐	Tokushima	IV	36	R		L
	Naruto	鳴門	〃	IV	36	R		L
	Yokose	横瀬	〃	IV	36	R	heard	L
	Nome	野根	Kochi	IV	36	VR		L
	Kishiwada	岸和田	Osaka	IV	35	R		L
	Tondabayashi	富田林	〃	IV	35	SL		L
	Shitsuku	志筑	Hyogo	IV	36	SL		L
	Ichi	市	〃	IV	35	SL		L
	Nada	灘	〃	IV	35	R		L
	Mineyama	峰山	Kyoto	IV	36	R		L
	Shimosato	下里	Wakayama	III	35	R		L
	Kiyokawa	清川	〃	III	36	SL	heard	L

Date	Station		Prefecture	S.I.	Time (J.S.T.) h m	Character of tremor	Earthquake Sound	Duration of feeling
	Shingu	新宮	Wakayama	III	36	R		S
	Bando	板東	Tokushima	III	35	VR		L
	Usugadani	臼ヶ谷	〃	III	35	VR		S
	Sakasu	坂州	〃	III	36	R		
	Shi-shikui	宍喰	〃	III	36	R	heard	L
	Tano	田野	Kochi	III	36	R		S
	Yanase	魚梁瀬	〃	III	36	R		S
	Ochi	越知	〃	III	36	SL		S
	Taishō	大正	〃	III	36	SL		L
	Higashitoyonaga	東豊永	〃	III	36	R		L
	Oshino	大篠	〃	III	36	R		L
	Tenno	天王	Osaka	III	35	R		L
	Ōtori	鳳	〃	III	35	R		S
	Kaminogo	上之郷	〃	III	35	VR		L
	Iwaya	岩屋	Hyogo	III	35			L
	Kinosaki	城崎	〃	III	36	SL		L
	Tojima	富島	〃	III	36	R		S
	Kizu	木津	Kyoto	III	35	R		L
	Ujidawara	宇治田原	〃	III	36	SL		L
	Kamooka	亀岡	〃	III	36	SL		VS
	Shūzan	周山	〃	III	36	R	heard	S
	Kōmori	河守	〃	III	36	R		S
	Ōgawara	大河原	〃	III	35	SL		S
	Yata	治田	Shiga	III	36	R		L
	Aichigawa	愛知川	〃	III	36	SL		S
	Tsuchiyama	土山	〃	III	36	R		L
	Hino	日野	〃	III	36	SL		L

Date	Station		Prefecture	S.I.	Time (J.S.T.) h m	Character of tremor	Earthquake Sound	Duration of feeling
	Imazu	今津	Shiga	III	36	SL		S
	Hachiman	八幡	〃	III	36	SL		L
	Yuhi	油日	〃	III	36	R		S
	Nagashima	長島	Okayama	III	36	SL		L
	Kasaoka	笠岡	〃	III	36	SL		L
	Yakake	矢掛	〃	III	36	SL		S
	Kaminagata	上長田	〃	III	36	SL		S
	Kurosaka	黒坂	Tattori	III	37	SL		L
	Kito	木頭	Tokushima	II	36	R		L
	Honkawa	本川	Kochi	II	36	R		S
	Ikeda	池田	Osaka	II	35	SL		S
	Togo	東郷	〃	II	35	R		L
	Kasumi	香住	Hyogo	II	36	R		S
	Nishiwaki	西脇	〃	II	36	SL		S
	Sueno	末野	〃	II	36	SL		L
	Kamigori	上郡	〃	II	36	R		L
	Akashi	明石	〃	II	36	R		L
	Hieizan	比叡山	Kyoto	II	36	SL		L
	Kyogasaki	経ケ岬	〃	II	36	R		L
	Kitakomatsu	北小松	Shiga	II	36	SL		S
	Ichiba	市場	〃	II	36	R		S
	Tarao	多羅尾	〃	II	36	SL		L
	Wake	和気	Okayama	II	36			
	Kitakijima	北木島	〃	II	36	R		L
	Kurashiki	倉敷	〃	II	36	R		L
	Fukuwatari	福渡	〃	II	36	R		S
	Tsuyama	津山	〃	II	36	SL		S

Date	Station		Prefecture	S.I.	Time (J.S.T.) h m	Character of tremor	Earthquake Sound	Duration of feeling
	Okutsu	奥津	Okayama	II	36	R		S
	Konakabara	小中原	〃	II	36	SL		L
	Tamano	玉野	〃	II	36	R		S
	Sakai	境	Tottori	II	37	SL		L
	Shikano	鹿野	〃	II	36	SL		VS
	Hinokami	日野上	〃	II	36	R		S
	Susai	周匝	Okayama	II	36	VR		VS
	Gyoho	行方	〃	II	36	SL		S
	Mitsunari	三成	Shinane	II	36	SL		S
	Toyosaka	豊栄	Hiroshima	II	37	R		L
	Hatsukaichi	廿日市	〃	II	37	SL		S
	Shinichi	新市	〃	II	36	SL		L
	Fukuyama	福山	〃	II	37	R		S
	Kanmabe	神辺	〃	II	36	R		S
	Shobara	庄原	〃	II	36	SL		L
	Matsunaga	松永	〃	II	37	R		S
	Kakei	加計	〃	II	37	R		L
	Kuhi	久比	〃	II	37	VR		VS
	Kochi	河内	〃	II	37	SL		S
	Kumirino	久万入野	〃	II	36	R		L
	Obok i	大保木	Ehime	II	37	SL		L
	Saijyo	西条	〃	II	36	SL		L
	Niihama	新居浜	〃	II	36	R		S
	Nagahama	長浜	〃	I	36	SL		VS
	Yahatahama	八幡浜	〃	I	36	SL		VS
	Osu	大州	〃	I	36	R		S
	Hashihama	波止浜	〃	I	36	SL		VS

Date	Station		Prefecture	S.I.	Time (I.S.T.) h m	Character of tremor	Earthquake Sound	Duration of feeling
	Nakamura	中村	Kochi	I	36	R		S
	Hoshōji	法善寺	Tottori	I	36	R		S
	Neu	根雨	〃	I	36	SL		S
	Masuda	益田	Shimane	I	36	SL		S
	Kure	呉	Hiroshima	I	37	SL		L
	Kurahashi	倉橋	〃	I	36	SL		L
	Mitsugi	御調	〃	I	36	VR		L
	Innoshima	因島	〃	I	36	R		L
	Zenki	前鬼	Nara	?	35	R		S
	Doragawa	洞川	〃	III	35	R		L
	Oyama	尾山	〃	II	35	R		L
	Terakaido	寺垣内	〃	IV	35	R	heard	L
	Soni	曽爾	〃	II	35	SL		S
	Haibara	榛原	〃	II	35	VR		S
	Kōjindake	荒神岳	〃	IV	35	R		L
	Yahata	八幡	Wakayama	II	14 18	R		VS
	Yahata	八幡	〃	II	16 30	R		VS
	Kōjindake	荒神岳	Nara	I	18 29	VR		VS
	Tanabe	田辺	Wakayama	II	30	VR		S
	Shirahama	白浜	〃	II	30	R		S
	Ryujin	竜神	〃	II	30	SL		S
	Kurisugawa	栗栖川	〃	II	30	R		S
	Naruto	鳴門	Tokushima	I	30	SL		S
	Shirahama	白浜	Wakayama	I	22 13	R		S
	Kurisugawa	栗栖川	〃	I	15	R		S
5	Shirahama	白浜	〃	I	07 54	R		S
	Takano	高野	Hiroshima	II	13 35	R		S

International Seismological Centre

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of feeling
9	Kiyokawa	清川	Wakayama	I	20 : 50	R	heard	S
	Shirahama	白浜	〃	I	21 : 53	SL	heard	S
10	Kiyokawa	清川	〃	I	10 : 01	R	heard	S
	Shōbara	庄原	Hiroshima	I	13 : 52	R		L
15	Kabe	可部	〃	I	08 : 47	SL		VS
18	Shōbara	庄原	〃	I	09 : 01	R		S
	Shirahama	白浜	Wakayama	I	22 : 23	R		S
	Kurisugawa	栗栖川	〃	I	: 29	R		S
21	Shirahama	白浜	〃	I	21 : 25	R		S
22	Kōchi	河内	Hiroshima	II	23 : 40	R		S
	Hatsukaichi	廿日市	〃	I	: 40	R	heard	S
	Kakei	加計	〃	II	: 39	R		L
	Kurahashi	倉橋	〃	II	: 39	R	heard	S
	Shōbara	庄原	〃	I	: 41	R		S
	Toyosaka	豊栄	〃	I	: 40	R		S
	Ōasa	大朝	〃	I	: 40	R		S
	Shōbara	庄原	Hiroshima	II	05 : 49	R		S
	Yahoko	八鉾	〃	I	: 58	SL		VS
24	Anabuki	穴吹	Tokushima	I	10 : 29	VR		VS

Remarks

VR : very rapid (極急)　　VS : very short (極短)

R : rapid (急)　　S : short (短)

SL : slow (緩)　　L : long (長)

JUL 15 1963
International Seismological Centre

大阪管区

地震月報

昭和37年2月

THE MONTHLY REPORT OF EARTHQUAKES

February 1962

大阪管区気象台

The Osaka
District Meteorological Observatory
Japan

International Seismological Centre

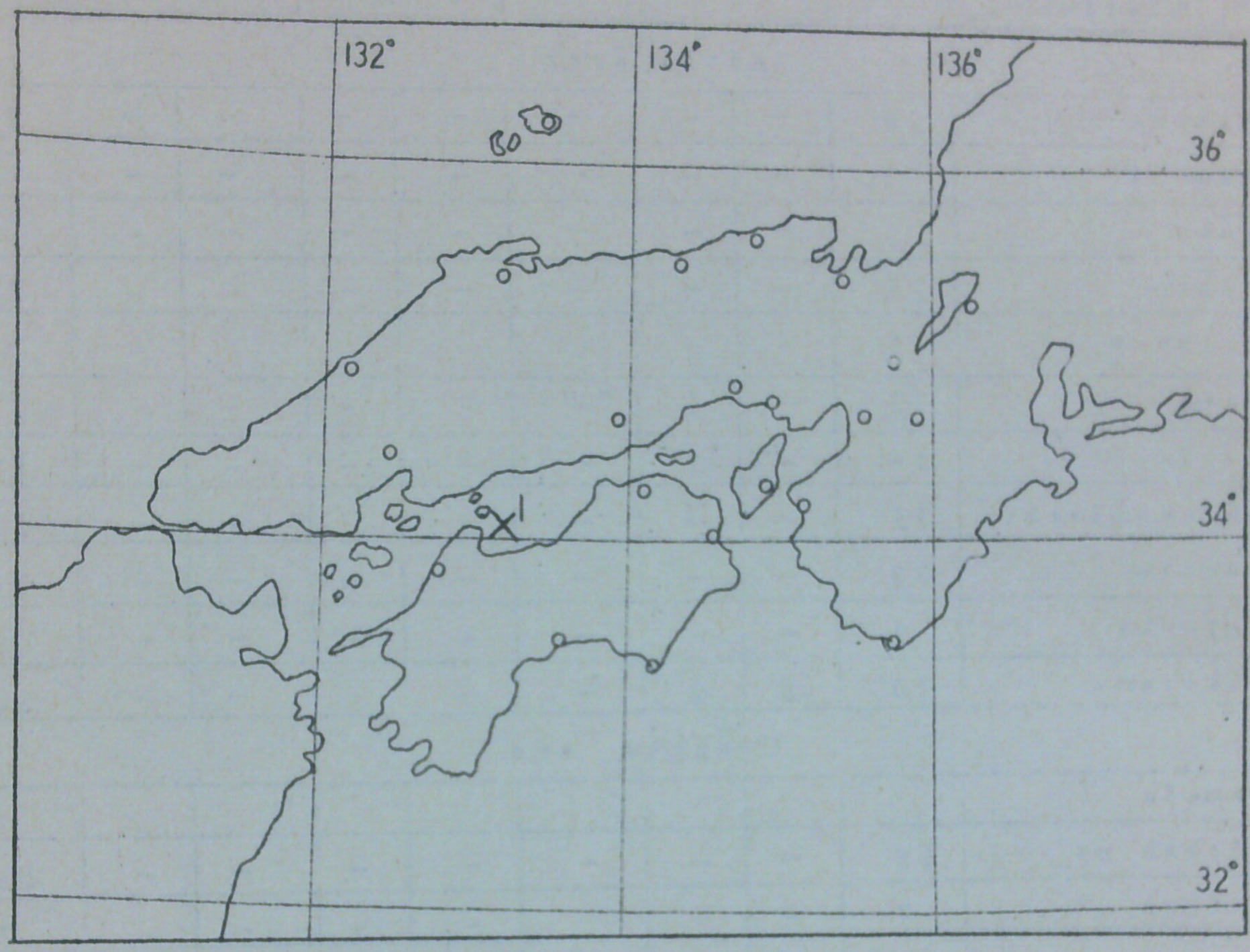
Number of earthquakes

February 1962

Station \ S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki area									
Hikone	20	–	–	–	–	–	–	–	20
Himeji	3	–	–	–	–	–	–	–	3
Kōbe	5	–	–	–	–	–	–	–	5
Kyōto	26	–	–	–	–	–	–	–	26
Maizuru	7	–	–	–	–	–	–	–	7
Nara	12	–	1	–	–	–	–	–	13
Ōsaka	18	–	1	–	–	–	–	–	19
Shionomisaki	15	–	–	–	–	–	–	–	15
Sumoto	33	–	–	–	–	–	–	–	33
Toyooka	9	–	–	–	–	–	–	–	9
Wakayama	20	6	2	–	–	–	–	–	28
Chūgoku area									
Hamada									
Hiroshima	15	–	–	–	–	–	–	–	15
Matsue	7	–	–	–	–	–	–	–	7
Okayama	9	–	–	–	–	–	–	–	9
Saigō	4	–	–	–	–	–	–	–	4
Tottori	16	–	–	–	–	–	–	–	16
Yonago	5	–	–	–	–	–	–	–	5
Shikoku area									
Kōchi	16	–	–	–	–	–	–	–	16
Matsuyama	24	1	–	–	–	–	–	–	25
Murotomisaki	11	–	–	–	–	–	–	–	11
Shimizu	13	–	–	–	–	–	–	–	13
Takamatsu	24	–	–	–	–	–	–	–	24
Tokushima	9	–	–	–	–	–	–	–	9
Tsurugisan	–	–	–	–	–	–	–	–	–
Uwajima									

Epicenter of the major felt earthquakes, in west of Honshu, Shikoku.

February 1962



February 1962

No.	Date	Origin Time (J.S.T.)	Epicenter				Max.
			Location	Lat.	Long.	Depth.	S.I.
1	19	13h 48m	瀬戸内海中部 Off S coast of Hiroshima Pref.	34.1°N	133.1°E	10Km	II

International Seismological Centre

Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM: Hiroshima
KOCH: Kōchi
KOB : Kobe
KYT : Kyōto
MIZR: Mizuru
MTE : Matsue
MTYM: Matsuyama
MRTM: Murotomisaki
NR : Nara
OKYM: Okayama
OSK : Osaka
SIG : Saigo
SMZ : Shimizu
SMSK: Shiomisaki
SMT : Sumoto
TKMT: Takamatsu
TKSM: Tokushima
TTR : Tottori
TYOK: Toyooka
TRGS: Tsurugisan
UWJM: Uwajima
WKYM: Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM: Kameyama

Period : 0 : <0.4Sec.
1 : 0.5~1.4Sec.
2 : 1.5~2.4Sec.

Date	Station	S-L	pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~pha. m	s	Remarks
1	MTYM	0	e	11	51	21.0																
1	MRTM	0	eP	12	10	24.6				eS		4.8										
	TKSM	0	iPN		10	31.6				iS		10.0										室戸岬沖
	TKMT	0	eP		10	37.-				eS		14.-										Off SE
	WKYM	0	eP		10	34.7				eS		12.6										coast of
	SMT	0	P		10	35.1	+1		(-)	iS		13.8										Shikoku
	SMSK	0	eP		10	39.3				S		8.7										
	OKYM	0	P		10	41.3				iS		17.8										33.3°N
	MTYM	0	eP		10	45.0				eS		26.0										134.8°E
	KYT	0	eP		10	50.6				eS		26.8										h=20Km
	OWS	0	eP		10	51.6				S		9.3										
	NR	0	e		10	51.7																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	KMYM	0	eP	11 00.6		S	23.7					
	OSK	0	e	11 04–								
	HKN	0	eP	11 07.6								
	NGY	0	eP	11 08–		eS	32–					
	TTR	0	e	11 25.8								
1	SMT	0	i	14 29 45.1								
1	NGY	0	eP	12 07 25–		eS	8–					
1	MIZR	0	eP	21 19 42.3		eS	31					
	KYT	0	eP	19 47.7		iS	66					京都府
	NR	0	eP	19 51.2		eS	86					北部？
	SMT	0	eP	20 06.8		S	21					N part
	TTR	0	e	20 08.2								of
	NGY	0	eP	20 12–		eS	10.–					Kyoto
	KMYM	0	eP	19 57.6		S	12.8					Pref.
2	WKYM	0	eP	13 01 09.5		eS	1.3					
	SMT	0	eP	01 12.2		S	3.4					
3	WKYM	I	eP	01 31 34.5		eS	0.7					
3	KYT	0	eS	02 23 22.0								
	NGY	0	e	24 –.								
3	WKYM	0	eP	04 54 36.1		eS	1.0					
3	SMSK	0	eP	09 44 41.7		eS	5 20.2			PP	1 19.0	
	KOCH	0	eP	44 46.3		S	5 32.1			ScS	9 8.4	
	OWS	0	eP	44 47.1								Newg–
	MRTM	0	eP	44 48.8						e	10 11.3	uinea
	HRSM	0	eP	44 50.0		eS	5 41.0					12°S
	KOB	0	e	44 50–								137.8°E
	MTYM	0	eP	44 53.1		eS	5 31.5			L	10 20.0	h=17Km (U.S.C.
	KMYM	0	eP	44 57.0		eS	5 23.8					G.S)

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	KYT	0	eP		44	584				eS	5	399							L	10	322	
	SMT	0	eP		44	588				iS	5	285							i	10	06	
	TYOK	0	eP		45	013				eS	5	396							e	8	24.0	
	OSK	0	e		45	01.-																
	HKN	0	eP		45	025				eS	5	353										
	MTE	0	e		45	052																
	SMZ	0	eP		45	114													e	4	50.3	
	NGY	0	eP		45	11.-				eS	6	27.-										
3	YNG	0	iP	18	11	036	+6	+4	(+)	iS		18										
	MTE	0	i		11	048													i		5.0	
	OKYM	0	P		11	08.0				iS		9.2										
	TTR	0	eP		11	10.0				eS		11.9										
	TKMT	0	eP		11	107				eS		19.3										
	HRSM	0	e		11	304																
	TKSM	0	eP N		11	33.0				eS		25.1										
	KYT	0	eP		11	360				iS									i		67	
	SMT	0	eP		11	389																
	OSK	0	e		11	56.2																
	NR	0	e		12	01.6																
4	SMT	0	eP	10	15	564				eS		20										
4	OKYM	0	eP	14	53	00.0				iS		83										
4	OKYM	0	eP	16	15	454				iS		85										
5	NGY	0	eP	00	19	39.6																
5	WKYM	I	eP	23	14	129				eS		06										
	SMT	0	eP		14	184				eS		30										
6	KYT	0	eP	02	47	573				eS	1	140										
	NGY	0	eP		48	140				eS		504										
6	SMT	0	i	03	16	164																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
6	NGY	0	eP	03	46	03.6				eS		48.4										
6	NGY	0	P	07	56	27.8		−3	(+)	S		22.5	300	310	120	3	3	3				
	HKN	0	P		56	34.7				S		29.2	200	130	67	1	1	3				多摩川
	KMYM	0	P		56	35.2													e		26.9	上 流
	OWS	0	iP		56	38.1				S		32.6										W Part
	KYT	0	eP		56	41.1				eS		29.2										of Tokyo
	NR	0	eP		56	42.5				eS		31.1	120			2						Pref.
	MIZR	0	eP		56	43.0		−2	(+)	eS		29.3										35.7°N
	OSK	0	P		56	44.8		+5	(−)	S		36.5	160	210	80	3	4	2				139.2°E
	KOB	0	eP		56	49.1				eS		38.0										h=100
	SMSK	0	iP		56	50.2	+2	+5	(−)	eS		37.3										Km
	HMJ	0	eP		56	51.5				eS		43.3										
	WKYM	0	eP		56	51.9				eS		43.3										
	SMT	0	P		56	52.9	+2			eS		39.0										
	TTR	0	P		56	57.0				S		44.8										
	TKSM	0	iPN		56	59.6				eS		49.2										
	TKMT	0	eP		56	59.8				eS		52.0										
	TYOK	0	eP		56	—																
	YNG	0	eP		57	03.2				eS		51.2										
	OKYM	0	P		57	04.1				S		49.8										
	SIG	0	eP		57	04.—				S		56.—										
	MRTM	0	eP		57	05.8				eS		53.0										
	KOCH	0	eP		57	10.1				S	1	1.4										
	MTE	0	e		57	10.7																
	HRSM	0	eP		57	16.6				eS	1	6.2										
	MTYM	0	P		57	18.0				S	1	12.0										
	SMZ	0	P		57	20.7				S	1	6.6										
6	SMZ	0	eP	10	56	54.0				eS	1	13.3										

Date	Station	SI.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	MTYM	0	eP		57	04.3				S	1	4.0										南西諸島
	MRTM	0	e		57	09.4																北方沖
	TKMT	0	eP		57	18.8				eS	1	14.6										off S
	HRSM	0	eP		57	21.3				eS	1	2.0										coast of
	SMT	0	eP		57	21.5				S	1	55.4							e	1	23	Kyushu.
	KOCH	0	eP		57	27.3													e		55.9	
	TKSM	0	eP N		57	32.6																29.5°N
	KYT	0	eP		57	38.8				eS	1	40.6										130.0°E
	HKN	0	eP		57	41.5																very
	NGY	0	eP		57	47.3				eS	1	41.1										shallow
	KMYM	0	e		57	47.–																
	OWS	0	e		59	19.1																
	SMSK	0	e		59	32.6				e												
	OSK	0	e		59	58.–																
6	MTYM	0	eP	12	32	48.9				eS		48.5										
	TKMT	0	eP		33	35.5																
6	SMZ	0	eP	12	34	36.9				eS	1	8.2										屋久島
	KOCH	0	e		34	45.9				e												近 海
	MTYM	0	eP		34	58.4				eS	1	0.5							e		9.1	Off S
	KYT	0	eP		35	12.3				eS	2	15.0										coast of
	NGY	0	eP		35	26.–																Kyushu
	OSK	0	e		35	51.–													e		43.9	30.0°N 132.0°E very shallow
6	SMT	0	i	15	28	12.2																
6	SMT	0	eP	17	24	09.4				S		2.1										
6	NGY	0	eP	19	36	55.9																
6	WKYM	0	eP	20	40	07.4				eS		2.3										
6	HRSM	0	eP	20	59	57.8				eS		4.5										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	MTYM	0	e		00	07.2																
	TKMT	0	eP		00	33.8				eS		5.5										
6	SMT	0	eP	21	40	12.5				S		2.1										
7	KOCH	0	eP	04	15	18.7				eS		43.7										
7	NGY	0	eP	05	03	48.3				eS		48.1										茨城県沖
	KYT	0	eP		04	10.6				eS	1	2.2										36.2°N
	KMYM	0	e		04	26.–																141.7°E
	OSK	0	e		05	06.–																h=40Km
8	OKYM	0	P	11	35	29.4				iS		8.4										
	MTYM	0	eP		35	34.4				S		21.0										
	TKMT	0	eP		35	35.5				eS		11.9										
	HRSM	0	eP		35	42.1													i	4.1		
	TTR	0	e		35	48.6																
8	NGY	0	eP	20	56	31.–																
	KYT	0	eP		56	32.8				eS	2	44.5										
	OSK	0	e		56	32.–																
	KMYM	0	eP		56	33.7																
9	NGY	0	eP	10	02	44.–				eS		43.–										房総半島
	KMYM	0	eP		02	53.4				eS		42.8										南東沖
	KYT	0	eP		02	55.2				eS		52.5										Off W coast of Chiba pref.
	HKN	0	eP		03	01.8																35.2°N
	NR	0	e		03	06.9																141.2°E
	OSK	0	e		03	09.–																h=40Km
	TYOK	0	eP		03	13.7				eS		49.2										
9	SMT	0	eP	10	04	48.9				iS		2.7										
	SMSK	0	eP		04	51.8				S		2.6										
10	SMZ	0	eP	03	23	20.3													e	6.1		
	MTYM	0	eP		23	28.1				eS		34.5										

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	TKMT	0	eP		23	58.2				eS		50.3										
	MTE	0	e		24	05.9																
10	TKMT	0	e	06	58	08.9																
	HKN	0	eP		58	20.4																
11	OKYM	0	eP	01	30	55.8				iS		7.9										
	HRSM	0	eP		31	01.0				eS		9.5										
	MTYM	0	e		31	18.4																
11	HRSM	0	P	02	05	52.3				P		5.1										
	MTYM	0	eP		06	00.5				eS		15.5										
11	OWS	0	P	11	44	02.8				S	1	6.9										
	SMSK	0	eP		44	04.9				eS	1	5.6										
	MRTM	0	eP		44	11.0				iS	1	13.1										鳥島近海
	NGY	0	eP		44	11.3				iS	1	14.2							ScS	12	37	Off S
	NR	0	eP		44	11.5				eS	1	12.4										coast of
	KMYM	0	P		44	12.8	(+)	(−)	+2	S	1	9.8										Honshu
	OSK	0	P		44	13.6				S	1	12.2	80	59	35	5	5	3				
	KYT	0	P		44	14.9				iS	1	15.6										30.0°N
	SMT	0	eP		44	15.0				S	1	12.0										139.3°E
	SMZ	0	eP		44	15.8				eS	1	17.7										h=450Km
	HKN	0	P		44	16.3				S	1	17.2										
	KOCH	0	P		44	17.0				S	1	15.7							ScS	12	29.3	
	TKMT	0	eP		44	19.2				S	1	20.2										
	MIZR	0	eP		44	19.8				eS	1	20.6										
	HMJ	0	P		44	20.2				S	1	19.1										
	TTR	0	eP		44	24.0				eS	1	23.8										
	MTYM	0	eP		44	24.7				iS	1	26.5										
	TYOK	0	P		44	26.−				iS	1	23.−										
	HRSM	0	eP		44	28.3				e	2	32.0							ScS	13	2.0	

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	YNG	0	iP		44	32.0				S	1	28.7										
	MTE	0	e		44	372													e	1	302	
11	WKYM	II	eP	13	54	54.6				eS		1.2	200	140		–	–					和歌山
	SMT	0	P		54	57.3				iS		3.4										附近
11	TKYM	0	iPN	13	55	10.9																
	WKYM	0	eP		55	14.5				eS		2.0										
	SMT	0	eP		55	19.2				iS		4.4										
11	WKYM	0	eP	14	47	00.6				eS		0.5										
11	WKYM	0	eP	22	40	27.3				eS		1.0	140	69		–	–					
	SMT	0	P		40	31.6				iS		3.9										
12	NGY	0	eP	00	44	52.–				eS		54.–										
	KYT	0	eP		44	56.7				eS	1	4.4										
12	WKYM	0	eP	01	26	15.8				eS		0.5										
12	WKYM	0	eP	02	02	06.9				eS		0.5										
12	NGY	0	iP	04	03	28.4				iS		3.0										
13	NGY	0	iP	02	26	47.6	+5	(–)	(+)	eS		32.0										
	KMYM	0	P		26	49.0				S		33.7										遠州灘
	SMSK	0	P		26	51.5				S		36.7										Off S
	NR	0	iP		26	52.0				iS		36.6										coast of
	HKN	0	P		26	52.7				S		35.1										Honshu.
	KYT	0	iP		26	53.4				iS		37.4										34.0°N
	MIZR	0	eP		26	56.8				eS		40.7										138.2°E
	MRTM	0	eP		27	06.0				iS		45.0										h=280Km
	KOCH	0	eP		27	12.0				iS		48.9										
	MTYM	0	eP		27	15.2				eS		57.0										
	TKMT	0	eP		27	25.9													e		258	
	TTR	0	e		27	40.5																
	TKSM	0	ePN		27	43.3																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	period(sec) N	E	Z	Pha.	P~pha. m	s	Remarks
	TYOK	0	e		27	44.5																
13	SMT	0	i	10	36	29.3																
13	NGY	0	eP	14	07	05.2				eS		5.7										
13	SMZ	0	P	18	21	30.0				iS		10.0										
	MTYM	0	e		21	43.9																
13	NGY	0	eP	18	53	34.2				eS		35										
14	NGY	0	eP	08	03	32.-				eS		24.-										
	HKN	0	eP		04	00.9																
14	WKYM	0	eP	08	08	15.9				eS		1.0	73	110		—	—					
	SMT	0	eP		08	19.1				iS		4.2										
14	SMT	0	e	15	30	06.4													i		3.0	
14	NGY	0	eP'	15	55	23.-																
	HKN	0	e		55	56.1													e		39.6	Chile
	TYOK	0	e		56	12.4				e	4	43							e	10	34.2	
	KOCH	0	PkP		56	22.9				e	4	04	20	45		18	21		e	10	25.5	
	SMSK	0	eP'		56	23.3				e	3	47.0							e	10	32.9	
	KYT	0	e		56	24.0																38.1°N
	MTYM	0	e		56	36.5													e			73.1°W
	KMYM	0	e		56	32.7																h=44Km
	TKMT	0	eP'		56	45.-																
	OWS	0	eP'		56	51.1																(U.S.C.
	HRSM	0	e		56	52.1																G.S.)
	OSK	0	e		57	09.-													L			
	SMT	0	e	16	29	11.6																
15	WKYM	0	eP	04	59	29.1				eS		15										
15	KMYM	0	eP	16	05	14.9				eS		17.2										
	NGY	0	eP		05	22.-				eS		14.0										
15	SMZ	0	e	16	20	57.8																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
16	OSK	0	eL	08	14	10.–																
16	SMT	0	eP	08	42	01.3				S	559											八丈島南
	NR	0	iP		42	03.0	−7	−5	(+)	iS	519											西沖
	NGY	0	eP		42	03.–				S	52.9											Off S
	KYT	0	eP		42	03.8				eS	55.5											coast of
	MRTM	0	eS		42	04.4													e	54.1		Honshu
	TKMT	0	iP		42	09.0				iS	1	0.0										32.3°N
	KOCH	0	iP		42	09.9	+3	(+)		iS	1	0.0										139.0°E
	HKN	0	eP		42	15.7													e	46.2		h=420Km
	MTYM	0	P		42	16.8				S	1	6.0										
	KMYM	0	e		42	55.–																
16	NGY	0	eP	11	17	13.–				S		24.–										
	HKN	0	eP		17	48.8																
16	NGY	0	e	12	59	36.–																
16	KOB	0	eS	18	16	30.2																
16	WKYM	0	eP	21	30	20.2				eS		06										
16	KMYM	I	iP	23	18	48.3	−4	−1	+26	S		5.1	107	79	–	–						伊勢海
	NGY	0	P		18	53.3				S		9.0										Off S
	NR	0	iP		18	53.4	+4	−9		iS		8.6										coast of
	HKN	0	P		18	54.9				S		9.3										aichi
	KYT	0	iP		18	55.4				iS		8.9										Pref.
	OSK	0	eP		18	57.0				iS		11.2										34.6°N
	OWS	0	P		18	57.9				S		9.3										136.6°E
	SMSK	0	eP		19	05.5				S		19.0										h=10Km
	TTR	0	e		19	42.8																
18	WKYM	0	eP	01	27	46.7				eS		05										
18	WKYM	0	eP	19	08	31.2				eS		1.0										
18	NGY	0	eP	19	44	27.–																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
18	WKYM	0	eP	23	40	52.5				eS		05										
19	NGY	0	eP	09	51	39.–																
19	MTYM	I	iP	13	48	34.0	+4	(+)		iS		5.0										瀬戸内海
	HRSM	0	P		48	39.6	(+)	(–)		S		8.4										中部
	KOCH	0	eP		48	42.3				iS		10.5										Off S
	SMZ	0	eP		48	45.7				eS		15.6										coast of
	TKMT	0	eP		48	48.9				eS		16.7										Hiroshima
	SMT	0	eP		48	51.3													e		34.7	Pref.
	MRTM	0	eP		48	55.6				iS		16.8										34.1°N
	YNG	0	eP		48	55.8				S		21.4										133.1°E
	OKYM	0	P		48	57.4				S		16.2										h=10Km
	MTE	0	e		49	10.6													e		8.6	
	TTR	0	e		49	17.2																
	SIG	0	e		49	45.–																
	SMSK	0	eP		49	46.4													e		6.6	
	TYOK	0	eP		50	17.3				iS		25.5										
19	MTYM	0	e	18	35	22.1																
20	SMSK	0	eP	02	24	59.5				S		4.3										
	WKYM	0	eP		25	12.6				eS		0.5										
	SMT	0	eP		25	17.5				iS		3.3										
	TKMT	0	e		25	38.–																
20	WKYM	I	eP	21	46	57.4				eS		0.7	20	45	–	–						和歌山附
	SMT	0	iP		47	01.2				iS		4.4										近
	TKMT	0	eP		47	25.3																
21	NGY	0	eP	01	08	03.–				eS	1	55.–										根室
	HKN	0	P		08	10.0				eS	1	52.8										南東沖
	KYT	0	iP		08	16.3				eS	1	50.9										Off E
	MIZR	0	eP		08	17.1				eS	1	50.6										coast of

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	TYOK	0	iP		08	17.2	(−)	(−)	(+)	iS	1	53.6										Hokkaids
	NR	0	e		08	18.7																42.7°N
	KMYM	0	•P		08	19.0				eS	2	3.5										145.5°E
	TTR	0	iP		08	23.9													e	2	4.0	h=60Km
	SIG	0	•		08	26.6																
	HMJ	0	eP		08	26.7																
	SMT	0	eP		08	26.8				eS	2	1.3										
	YNG	0	e		08	29.4																
	MTE	0	e		08	30.9																
	TKSM	0	iPN		08	33.2																
	WKYM	0	e		08	32.7																
	TKMT	0	P		08	34.4																
	OWS	0	P		08	40.1				S	2	2.3										
	MRTM	0	e		08	43.9																
	KOCH	0	P		08	44.9				eS	2	25.1										
	OSK	0	e		08	44.−																
	HRSM	0	eP		08	46.4				eS	2	22.0										
	SMZ	0	eP		08	47.0				eS	2	50.0										
	MTYM	0	P		08	48.2				eS	2	36.0										
	SMSK	0	eP		08	49.1				eS	2	16.6										
	KOB	0	eP		08	57.4				eS	2	6.4										
21	TKMT	0	eS	01	49	08.4																
21	TTR	0	iP	02	51	01.8				iS		2.0										
21	OWS	0	e	07	16	55.0																
	KOCH	0	P		17	05.0				eS	2	36.0	43			15						
	TKMT	0	eP		18	24.−																
	SMZ	0	e		19	26.2																
	HRSM	0	e		19	44.−																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	SMT	0	e		20	56.8																
	KYT	0	e		21	14.6													e	6	113	
	KMYM	0	e		23	27.-																
21	MTYM	0	eP	23	31	53.6				iS		10.5										
	KOCH	0	eP		32	03.8				eS		11.4										
	HRSM	0	e		32	14.7																
22	TTR	0	iP	05	16	02.0				iS		23										
22	NGY	0	eP	20	08	43.-				eS		35.-										
	HKN	0	eP		08	51.7																
	KMYM	0	e		09	11.-																
	KYT	0	P		09	07.2				S		433										
23	KOCH	0	eP	01	39	11.0				eS		465										
	MTYM	0	eP		39	12.5				eS		485										
	TKMT	0	eP		39	24.4				eS		579										
	OSK	0	e		39	38.-																
	KYT	0	eS		39	43.8																
	HKN	0	P		39	49.8																
	NGY	0	eP		39	53.-																
	KMYM	0	e		39	48.-																
24	MRTM	0	iP	07	23	19.5	+5	+8	(+)	eS		48										室戸岬沖
	KOCH	0	iP		23	22.3	-7	+6		iS		72										Off S
	SMZ	0	eP		23	26.2				eS		12.7										coast of
	MTYM	0	eP		23	29.0				S		19.0										Shikoku
	TKMT	0	eP		23	32.3				eS		18.4										32.9°N
	TKSM	0	eP N		23	34.1													i	2.0		134.1°E
	HRSM	0	eP		23	40.5				eS		23.0										h=20Km
	SMT	0	eP		23	41.0				S		18.5										
	OKYM	0	eP		23	51.2				S		20.8										

International Seismological Centre

Date	Station	S-L	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OSK	0	e		24	20.–																
	TTR	0	e		24	21.5																
	KYT	0	eS		24	25.0																
25	SMZ	0	P	11	00	10.9				eS		2.2										
25	OSK	0	e	21	09	00.–																
25	MTYM	0	e	21	42	54.1																
	TKMT	0	e		44	10.6																
25	NGY	0	eP	23	08	22.–				eS		16.–										
	HKN	0	P		08	23.4				S		9.7										
	KMYM	0	e		08	29.7																
	KYT	0	eP		08	32.0				eS		15.6										
	NR	0	eP		08	36.4				eS		18.8										
	MIZR	0	e		08	46.1																
	TTR	0	e		09	14.3																
	SMSK	0	e		09	27.3																
2	TKMT	0	e		09	34.8																
26	NGY	0	eP	06	42	25.–				S		10.–										
26	NGY	0	eP	07	52	54.–																
26	NGY	0	eP	10	15	06.–				eS	1	29.–										青森県東方沖 41.5°N 142.1°E h =60Km
	HKN	0	eP		15	26.4																
	KMYM	0	e		16	01.–																
26	KOB	0	iP	14	23	58.0	+5	−4	(+)	eS		50.4										
26	WKYM	0	eP	17	54	03.0				eS		26										
27	WKYM	I	eP	06	28	58.1				eS		0.5										
28	WKYM	0	eP	00	06	56.4				eS		1.8										
	SMT	0	eP		07	00.6				iS		3.2										
28	MTYM	0	eP	00	45	48.2																
28	NGY	0	eP	04	45	34.–																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
28	OSK	II	iP	08	16	46.3			(-)	iS		4.4	69	34	35	0	0	0				
	NR	II	iP		16	47.2	-7	+47		iS		2.6	91	120	66	0	0	0				
	KYT	0	eP		16	51.7				iS		5.3										
	KOB	0	eP		16	52.1				iS		6.4										大阪・奈
	KMYM	0	P		16	55.2	(-)	(-)	-3	S		9.5										良県境
	OWS	0	P		16	55.8				S		7.6										N part
	SMT	0	iP		16	55.9				iS		10.5										of Nara
	HKN	0	eP		17	00.6				S		8.8										Pref.
	WKYM	0	eP		17	01.3				eS		8.1										34.7°N
	NGY	0	eP		17	05.-				eS		16.-										135.7°E
	MIZR	0	e		17	13.5																Very
	SMSK	0	e		17	19.2																shallow
	TTR	0	e		17	31.3																
28	WKYM	I	eP	13	07	23.9				eS		1.0										
28	NGY	0	eP	13	12	46.-																
28	OWS	0	P	16	20	39.8				S		39.7										東海道
	SMSK	0	eP		20	44.2				eS		37.5										はるか沖
	NGY	0	eP		20	48.-				eS		40.-										Off S
	KYT	0	eP		20	51.4				eS		52.4										coast of
	KMYM	0	P		20	52.0				eS		34.7										Honshu
	NR	0	eP		20	52.2				eS		44.6										31.0°N
	SMT	0	eP		20	57.4				eS		51.3							i		54.7	138.1°E
	WKYM	0	eP		20	57.6				eS		45.6										
	OSK	0	e		20	58.-																
	HKN	0	eP		21	01.9				S		39.9										
	TKSM	0	eP N		21	04.2																
	TKMT	0	eP		21	08.7				eS		56.3										
	TTR	0	e		21	45.5																

Report of Earthquakes

(Station not equipped with Seismograph)

37年 2月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of feeling
1	Ayabe	綾　部	Kyōto	Ⅱ	21h 19m	VR		VS
3	Kurosaka	黒　坂	Tottori	Ⅲ	18 12	R		VS
4	〃	〃	〃	Ⅰ	14 53	SL		VS
	Shōbara	庄　原	Hiroshima	Ⅰ	53	R	heard	S
	〃	〃	〃	Ⅰ	16 15	R		VS
	Yuki	油　木	〃	Ⅱ	16 20	R		S
6	Oasa	大　朝	〃	Ⅱ	21 00	SL	heard	L
	Shōbara	庄　原	〃	Ⅰ	00	R		VS
	Ihara	井　原	〃	Ⅰ	00	R		VS
8	Kawai	川　井	Tokushima	Ⅰ	07 10	SL		VS
	Shōbara	庄　原	Hiroshima	Ⅱ	11 36	SL		L
	Kawai	川　井	Tokushima	Ⅰ	00 ～	VR		VS
9	Kiyokawa	清　川	Wakayama	Ⅱ	10 04	SL	heard	S
	Kurisugawa	栗栖川	〃	Ⅰ	09	R		S
11	Ōasa	大　朝	Hiroshima	Ⅰ	02 05	R		S
15	Higashinogami	東野上	Wakayama	Ⅰ	05 01	R		VS
16	Oyama	尾　山	Nara	Ⅰ	23 18	SL		S
	Tarao	多羅尾	Shiga	Ⅱ	19	R		VS
	Yuhi	油　日	〃	Ⅰ	19	SL		VS
19	Nagahama	長　浜	Ehime	Ⅱ	13 48	R		VS
	Hashihama	波止浜	〃	Ⅰ	48	SL		S
	Kure	呉	Hiroshima	Ⅱ	49	VR		VS
	Shōbara	庄　原	〃	Ⅰ	49	SL		S
	Kuhi	久　比	〃	Ⅰ	49	VR		VS
28	Ōyodo	大　淀	Nara	Ⅱ	08 15	R		VS

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Remarks

VR	: vary rapid	(極　急)	VS	: vary short	(極　短)
R	: rapid	(　急　)	S	: ahort	(　短　)
SL	: slow	(　緩　)	L	: long	(　長　)

JUL 05 1963
International Seismological Centre

大 阪 管 区

地 震 月 報

昭 和 37 年 3 月

THE MONTHLY REPORT OF EARTHQUAKES

March 1962

大 阪 管 区 気 象 台

The Osaka
District Meteorological Observatory
Japan

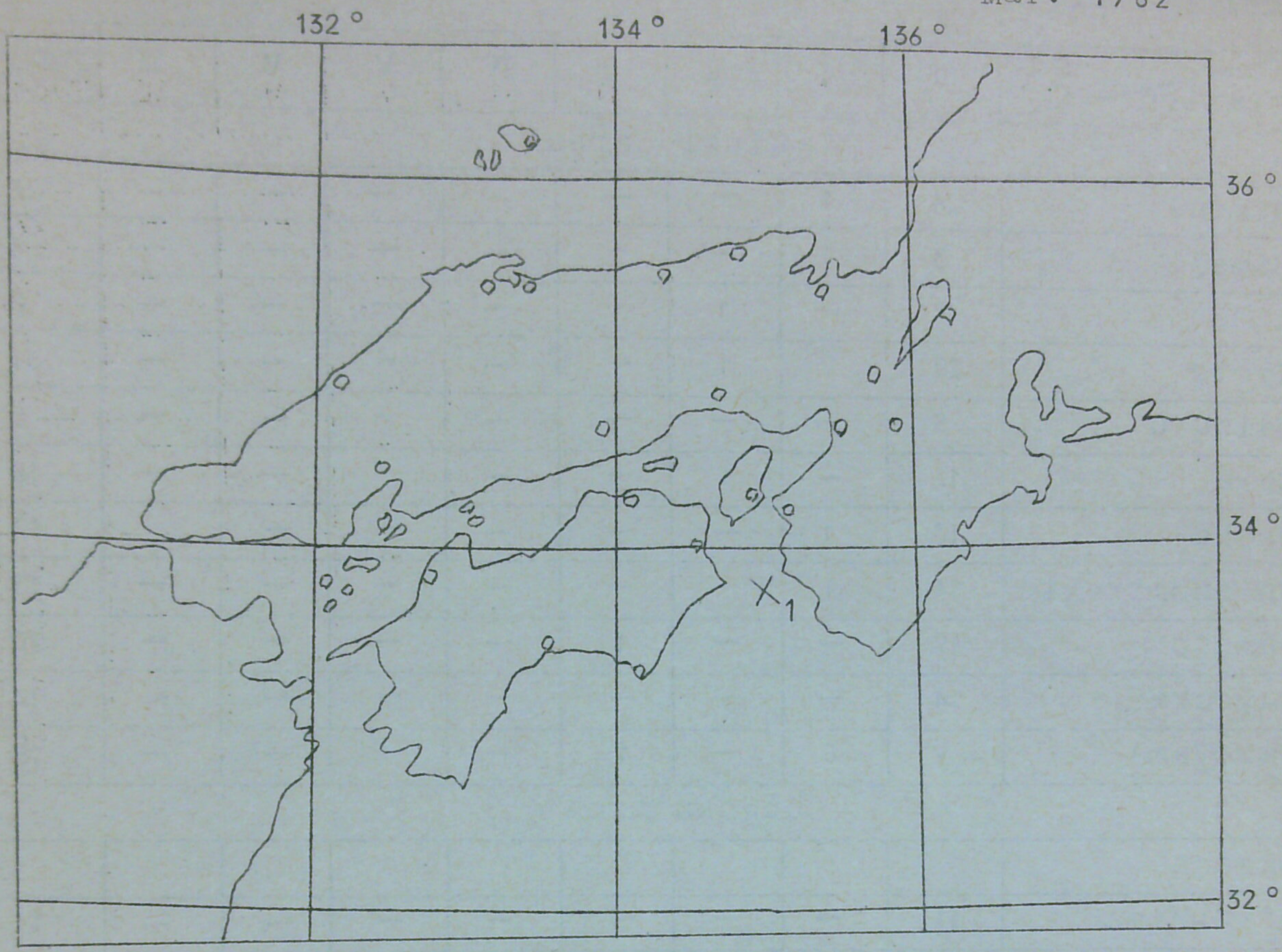
Number of earthquakes

March 1962

Station \ S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki area									
Hikone	26	1	—	—	—	—	—	—	27
Himeji	3	1	—	—	—	—	—	—	4
Kobe	7	—	1	—	—	—	—	—	8
Kyoto	28	2	1	—	—	—	—	—	31
Maizuru	5	—	—	—	—	—	—	—	5
Nara	17	—	1	—	—	—	—	—	18
Osaka	16	1	—	—	—	—	—		17
Shionomisaki	14	1	—	—	—	—	—	—	15
Sumoto	19	—	—	1	—	—	—	—	20
Toyooka	14	—	—	—	—	—	—	—	14
Wakayama	9	8	—	1	—	—	—	—	18
Chūgoku area									
Hamada									
Hiroshima	11	—	—	—	—	—	—	—	11
Matsue	7	—	—	—	—	—	—	—	7
Okayama									
Saigo	2	—	—	—	—	—	—	—	2
Tottori	10	—	—	—	—	—	—	—	10
Yonago	6	—	—	—	—	—	—	—	6
Shikoku area									
Kochi	15	—	—	—	—	—	—	—	15
Matsuyama	24	—	—	—	—	—	—	—	24
Murotomisaki	14	—	—	—	—	—	—	—	14
Shimizu	11	—	—	—	—	—	—	—	11
Takamatsu	19	1	—	—	—	—	—	—	20
Tokushima	6	—	1	—	—	—	—	—	7
Tsurugisan	1	1	—	—	—	—	—	—	2
Uwajima									

Epicenter of the major felt earthquakes, in west of Honshu, Shikoku.

Mar. 1962



March 1962

NO.	Date	Origin Time (J.S.T)	Epicenter				Max. S.I.
			Locatien	Lat.	Long.	Depth	
1	21	$00^{h}39^{m}$	紀伊水道 Kii Channel	$33.7^{\circ}N$	$135.1^{\circ}E$	20 Km	III

International Seismological Centre

Remarks

HMD : Hamada	MRTM: Murotomisaki	TTR : Tottori
HKN : Hikone	NR : Nara	TYOK: Toyooka
HMJ : Himeji	OKYM: Okayama	TRGS: Tsurugisan
HRSM: Hiroshima	OSK : Osaka	UWJM: Uwajima
KOCH: Kochi	SIG : Saigo	WKYM: Wakayama
KOB : Kobe	SMZ : Shimizu	YNG : Yonago
KYT : Kyoto	SMSK: Shionomisaki	NGY : Nagoya
MIZR: Mizuru	SMT : Sumoto	OWS : Owashi
MTE : Matsue	TKMT: Takamatsu	KMYM: Kameyama
MTYM: Matsuyama	TKSM: Tokushima	

Period

0 : < 0.4 sec.

1 : 0.4 ~ 1.4 sec.

2 : 1.5 ~ 2.4 sec.

.....

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
1	NGY	0	eP	13	55	27.-				eS	2	45.-										
	KMYM	0	e		55	35.-																
	OSK	0	e		55	40.-																
	TYOK	0	e		55	49.-																
1	NGY	0	eP	18	54	48.-				eS	1	4.-										
	HKN	0	eP		55	07.2																
	KMYM	0	e		55	22.-																
1	TKMT	0	eP	21	33	15.7																
2	MRTM	0	eP	00	50	12.6				iS		8.4										
	SMZ	0	eP		50	12.7				eS		22.8										
	KOCH	0	P		50	17.6				iS		5.5	23	16		0	0					
	MTYM	0	eP		50	27.8				eS		11.5										

Date	Station	S·I·	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	TKMT	0	eP	50 43.2								
2	HKN	0	eP	03 37 59.4								
3	NGY	0	eP	09 09 42.-								
3	HRSM	0	i	11 12 23.3								
3	SMZ	0	P	20 46 55.1		S	50.6					
3	SMZ	0	e	21 20 21.2								Mindanao Is. 7.4 °N 126.5 °E h=90 Km (U.S.C.G.S.)
	SMT	0	e	20 26.5								
	MTYM	0	e	20 30.1								
	HRSM	0	eP	20 34.1		eS	4 36.2					
	TKMT	0	eP	20 42.4								
	KYT	0	eP	20 46.0						e	51.7	
	NGY	0	P	20 49.9						e	49.-	
	HKN	0	eP	20 54.4								
3	NGY	0	iP	23 14 48.0	(H)		4.6					岐阜県 南部 Central part of Honshu 35.5 °N 136.8 °E h=20 Km
	HKN	0	eP	14 53.0								
	KMYM	0	eP	14 54.7		S	8.4					
	KYT	0	eP	15 00.7		eS	13.0					
	MIZR	0	eP	15 02.8		eS	15.1					
	NR	0	eP	15 03.0		eS	13.6					
	TYOK	0	eP	15 10.9		eS	20.5					
4	WKYM	0	eP	03 03 57.1		eS	1.0					
4	WKYM	0	eP	13 09 59.6		eS	1.0					
5	HKN	0	eP	00 10 16.7		S	8.5					
	NGY	0	eP	10 22.-								
	KYT	0	eS	11 38.5								
5	NGY	0	P	13 06 32.6		eS	5.8					
	HKN	0	eP	06 34.7		S	5.6					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motiou(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
5	HKN	I	iP	16 32 42.2	(+) (+) (−)	iS	66	100 130 45	1 1 1			
	NGY	O	iP	32 44.0	+3 −1 (−)	iS	8.0					岐阜県
	MIZR	O	iP	32 48.5	+2 +3 (−)	iS	143					西部
	KMYM	O	P	32 48.7	(+) (−) +1	S	10.1					Central
	KYT	O	iP	32 49.5	+4 +4 (−)	iS	127					Part of
	NR	O	iP	32 54.0	+1 +1 (−)	iS	18.5					Honshu
	OSK	O	eP	32 57.8		S	17.0					35.7° N
	TYOK	O	P	32 57.9		S	19.5					136.6° E
	KOB	O	eP	33 00.9		eS	19.6					h=20Km
	OWS	O	P	33 01.9		S	20.4					
	HMJ	O	P	33 03.9		S	22.8					
	TTR	O	P	33 04.2		eS	25.8					
	SMT	O	eP	33 07.3		S	25.1					
	WKYM	O	e	33 09.3								
	SMSK	O	eP	33 11.2		eS	31.2					
	OKYM	O	P	33 17.1	(+)							
	TKMH	O	eP	33 19.7								
	YNG	O	P	33 23.5		eS	32.5					
	MRTM	O	e	33 28.0						e	45.4	
	KOCH	O	eP	33 37.5		eS	37.4					
	MTYM	O	eP	33 37.8		S	49.5					
6	HKN	O	eP	01 51 19.0		eS						
6	WKYM	O	eP	07 54 59.7		eS	0.5					
7	NGY	O	P	02 37 37.1								
7	WKYM	O	eP	10 21 49.8		eS	0.8					
7	SMSK	O	iP	20 04 25.5	−5 +2	iS	2 39.3					
	OWS	O	iP	04 28.9		S	2 40.8					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	WKYM	0	eP	04 33.8		eS	2 45.8					
	MRTM	0	eP	04 33.8	−4 (+)					e	244.1	小笠原
	KMYM	0	P	04 35.4	−12	S	2 34.5					南方沖
	SMZ	0	P	04 35.5	−4	eS	2 42.0					Off S
	NR	0	i	04 35.5	+9 −6 (−)	e						Coast of
	NGY	0	P	04 35.5	−4 (−)	iS	2 45.7			SCS	10 11.6	Honshu
	SMT	0	iP	04 35.8	+25 (−)	iS	2 47.8			i	10 2.6	22°N
	TKSM	0	iPN	04 36.6		iS	2 46.8					145°E
	KOCH	0	iP	04 37.2	−3 +3 (−)	iS	2 47.5					h=200
	KOB	0	eP	04 37.6		eS	2 46.5					Km
	KYT	0	iP	04 38.3	−5 +5 (−)	iS	2 39.8					
	HKN	0	P	04 38.5		S	2 48.8					
	TKMT	0	iP	04 39.3	−4 +5 (−)	iS	2 50.6			ScS	10 9.8	
	HMJ	0	iP	04 40.8		S	2 50.2					
	MTYM	0	iP	04 43.5	(−) (+)	iS	2 51.5					
	TYOK	0	P	04 44.2	(−) (−) (−)	S	2 51.5					
	OSK	0	iP	04 46.1	(−)	S	2 38.3	160 10 35	4 4 3			
	HRSM	0	iP	04 46.5	−2 +2 (−)	eS	2 32.4					
	TTR	0	iP	04 48.1		eS	2 55.8					
	YNG	0	P	04 51.0								
	MTE	0	e	04 52.6						e	259.9	
	SIG	0	eP	04 58.1		eS	2 53.−					
8	KMYM	0	e	06 41 44.1								
8	MTE	0	e	09 36 27.1								
8	NR	0	e	16 41 36.0								
9	SMZ	0	eP	03 39 22.8		eS	6.9					
9	NGY	0	eP	07 12 40.1								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	KYT	0	e	19 13 19.7								
9	WKYM	0	eP	19 00 52.6		eS	0.5					
10	WKYM	0	eP	00 52 21.4		eS	0.5					
10	TKSM	0	iPN	03 28 21.3		iS	6.3					紀伊水道
	WKYM	1	eP	28 22.9		eS	7.6	64 46	— —			W of
	MRTM	0	eP	28 28.1		iS	10.0					Honshu
	TKMT	0	eP	28 28.4		eS	11.0					
	SMT	0	iP	28 28.6	—28+13(—)	iS	8.5					
	KOB	0	eP	28 29.2		eS	12.5					
	OWS	0	eP	28 29.7		S	12.9					
	SMSK	0	eP	28 34.6						e	1.7	33.6°N
	OKYM	0	PP	28 34.6		S	14.8					135.1°E
	NR	0	eP	28 39.5		eS	8.0					h=20 Km
	KYT	0	eP	28 42.0		eS	9.7					
	TTR	0	eP	28 42.7		eS	21.6					
	KMYM	0	eP	28 43.7		eS	15.4					
	OSK	0	i	28 43.8								
	HKN	0	eP	28 52.1		S	12.9					
	YNG	0	eP	29 11.4								
	NGY	0	eP	29 13.1								
10	WKYM	1	eP	21 19 53.0		eS	1.0					和歌山
	SMT	0	eP	19 57.4		iS	3.1					附近
11	HKN	0	eP	01 20 07.7		eS	3 6.7					
	TKMT	0	e	20 11.3		eS	3 8.0					
11	WKYM	0	eP	03 16 48.0		eS	0.5					
12	SMZ	0	eP	04 24 18.9		eS	4 24.0					Minda-
	MRTM	0	eP	24 33.1			4			e	4 45.0	nao Is.

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha m s	Remarks
	KOCH	0	e P	24 33. 9		eS	4 26. 7					
	SMT	0	P	24 34. 2	(—)	eS	4 49. 0			L1	7 13. 7	90 °N
	MTYM	0	e P	24 35. 8		eS	4 37. 0					126.7°E
	HRSM	0	e P	24 38. 2		eS	4 37. 0					h=25 Km
	SMSK	0	e P	24 38. 6		eS	4 25. 1					(U.S.C.
	TKMT	0	e P	24 41. 3		eS	4 40. 6					G.S.)
	OWS	0	e P	24 46. 5		S	4 13. 4					
	KMYM	0	e P	24 53. 9								
	NGY	0	e P	24 55.—		eS	4 50.—					
	HKN	0	P	24 56. 2		eS	5 1. 9					
	KYT	0	e P	24 57. 1		eS	5 47. 2					
	MTE	0	e	24 58. 8								
	OSK	0	eP	25 04.—		eS	5 9.—					
	TYOK	0	eP	25 08. 0		e	4 48.—			e 5	52	
	TTR	0	e	25 —								
	YNG	0	P	24 49. 3								
12	KYT	I	eP	07 19 45. 7		iS	1. 1					
	KMYM	0	e	20 05.—								
12	KYT	0	eP	11 41 29. 0		eS	44. 3					
	NGY	0	eP	41 51.—								
	HKN	0	eP	42 09. 2								
	KMYM	0	e	42 17.—								
12	KOB	0	e	17 04 02.—								
12	WKYM	0	eP	21 55 59. 9		eS	1. 5					
	SMSK	0	eP	56 01. 0		eS	2. 7					
	NR	0	e	56 12. 4								
13	MTYM	0	eP	00 21 43. 9		eS	25. 5					
13	NGY	0	eP	15 08 29. 1		iS	36. 3					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha.	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	HKN	0	P	08 34. 2		S	41. 4					
	KMYM	0	eP	08 38. 8		eS	40. 1					群馬県
	MIZR	0	eP	08 47. 8	+2 +2(—)	eS	45. 1					北部
	KYT	0	eP	08 48. 6		S	47. 9					Central part
	OWS	0	eP	08 50. 7		S	57. 1					of
	OSK	0	P	08 53. 5		iS	53. 8					Honshu
	KOB	0	e	08 57.—								
	SMT	0	eP	09 00. 9		eS	1 0. 0					
	SMSK	0	eP	09 05. 9		eS	58. 9					369 °N
	TKSM	0	ePN	09 14. 0		iS	1 16. 2					139.1° E
	TKMT	0	eP	09 17. 5		eS	1 2. 3					Very
	MTYM	0	eP	09 27. 1		eS	1 0. 0					Shallow
	TYOK	0	e	09 28. 2								
	KOCH	0	eP	09 29. 2		eS	1 12. 0					
	TTR	0	eP	09 39. 8						e	56. 4	
	MTE	0	e	10 05. 4								
	MRTM	0	e	10 36. 2								
13	NGY	0	eP	17 01 49. 3		eS	42. 5					茨城県沖
	OWS	0	eP	01 54. 5						e	2 24. 2	Off E coast of Ibaragi Pref
	KMYM	0	eP	02 03. 6		eS	44. 8					
	KYT	0	eP	02 04. 8		eS	59. 5					
	HKN	0	eP	02 37. 2								359 °N 141.2 °E h=40 Km
	OSK	0	e	02 55.—								
	TYOK	0	e	03 19.—								
14	NR	0	eP	15 08 43. 3		eS	8. 0					
14	NR	0	e	22 54 08. 3								
	HKN	0	eP	54 08. 9		eS	39. 6					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	KYT	0	ePP	54 09.7		S	38.0					
	NGY	0	ePP	54 09.—		S	39.—					
	MTYM	0	eP	54 23.3		eS	48.0					
15	TKMT	0	eP	03 06 12.2		eS	6.9					
	SMT	0	eP	06 14.4		iS	6.9					
	MRTM	0	eP	06 16.9		iS	9.0					
	SMSK	0	e	06 42.1								
	MTYM	0	e	06 42.4								
15	NGY	I	P	05 43 12.8	—1 —1 (—)	S	3.8	15 12 16	0 0 0			
	KMYM		P	43 13.9		S	5.5					
15	KYT	0	eP	43 36.9		eS	5.4					
15	SMT	0	i	08 05 30.1								
15	SMT	0	i	08 07 07.0								
16	NGY	0	eP	10 29 53.—		eS	1 8.—					
16	HMJ	I	P	11 56 12.4		S	2.1	28 36	1 1			
	SMT	0	eP	56 20.9		iS	8.3					
	KOB	0	eP	56 21.5								
	TYOK	0	eP	56 22.4		iS	8.0					
	TTR	0	eP	56 24.7		eS	11.0					
	OKYM	0	iP	56 25.1		iS	10.2					
	NR	0	eP	56 29.5		eS	7.9					
	KMYM	0	e	56 34.3								
16	KYT	II	eP	18 20 57.9		iS	2.3	80 29 20	0 0 0			
	KMYM	0	eP	21 08.0		S	9.0					
	MIZR	0	e	21 12.4								
	NR	0	eP	21 02.6		eS	4.6					
16	WKYM	0	eP	23 53 12.2		eS	0.9					

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Date	Station	S.J.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~ Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
17	NR	0	eP	12 38 12.4		eS	2.6					
	KYT	0	eP	39 01.1		iS	3.1					岩手県沖
17	NGY	0	eP	22 50 27.—		eS	37.—					Off E
18	NGY	0	eP	14 30 05.—		eS	1 19.—					coast of
	HKN	0	eP	30 08.6		eS	1 32.—					N of
	KYT	0	e	30 13.4								Honshu
	KMYM	0	eP	30 17.4		eS	1 26.0					
	OSK	0	e	30 56.—								
	KOCH	0	e	31 26.8						e	1 19.4	40.1°N
	SMSK	0	eP	32 10.6						e	28.6	1425°E
	MRTM	0	e	32 43.7								h=40Km
18	NGY	0	eP	15 51 20.—		eS	50.—					
18	NGY	0	eP	15 54 19.—								
18	KYT	0	eP	17 15 47.6		iS	2.6					
18	NGY	0	eP	18 47 32.—								
19	WKYM	I	eP	01 08 00.9		eS	0.7	8 3	— —			
19	WKYM	I	eP	02 34 37.3		eS	0.8	23 16	— —			
	SMT	0	i	34 45.0								
19	HRSM	0	eP	05 23 14.7		eS	3 35.0					
	MTYM	0	eP	23 18.0						e	6 8.5	Phill-
	KOCH	0	eP	23 18.8		eS	3 38.7					ippin
	TKMT	0	eP	23 24.7		eS	3 40.9					
	MTE	0	e	23 26.8								
	KYT	0	eP	23 47.7						e	6 55.8	
	HKN	0	eP	23 50.8						e	6 57.1	
	KMYM	0	eP	23 53.5								
	NGY	0	eP	23 55.—		eS	4 3.—			L	7 15	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha.	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMT	0	e	27 24.3						e	2 41.9	
	SMZ	0	e	28 50.0								
	TYOK	0	e	29 34.5								
	MRTM	0	e	29 55.2								
	SMSK	0	eP	30 36.5								
	OSK	0	e	30 42.—								
19	OWS	0	e	15 01 08.9								
	KOCH	0	P	01 14.1	+3 +1 (+)					e	1 13.3	
	MRTM	0	e	01 15.1								
	MTYM	0	e	01 15.3								
	SMSK	0	i	01 17.8								
	TKSM	0	P	01 20.7								
	TKMT	0	P	01 20.8								
	SMT	0	i	01 23.6								
	OSK	0	iP	01 26.4	+6 (+) (+)					e	2 15	
	TTR	0	e	01 28.2								
	NR	0	i	01 29.3	—13—8 (+)							
	KYT	0	P	01 30.2	(+)(+)	eS	5 31.1					
	KMYM	0	iP	01 31.4	+4 +1 +15							
	HKN	0	P	01 33.0		eS	5 32.7					
	NGY	0	iP	01 34.2	+5 +6 (+)							
	TYOK	0	P	02 31.4								
	KOB	0	e	05 27.—								
19	NGY	0	eP	22 51 44.—		eS	26.—					
20	MTYM	0	eP	05 35 02.7		iS	3.5					愛媛県東部 Shikoku
	KOCH	0	eP	35 04.5		eS	6.3					
	TKMH	0	eP	35 17.0		eS	12.4					
20	KMYM	0	eP	09 52 31.4		S	3.6					

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
20	KMYM	0	eP	10	57	31.3				S		2.7										
21	WKYM	III	iP	00	39	37.1	-13	1-43	(-)	eS		5.7	850	330	69	2	—	—				
	SMT	III	iP		39	38.6	-20	+6	(-)	iS		9.1	240	110	44	0	1	0				紀伊水道
	SMSK	I	iP		39	39.0	-6	+5	(+)	eS		8.6	49	87	34	2	2	1				
	TKSM	II	iPN		39	39.6				iS		7.4										W of
	TRGS	0	iP		39	42.9				iS		10.5										Honshu
	OSK	I	P		39	44.1				S		13.1	170	170	110	3	2	2				
	OWS	0	iP		39	44.3	(+)	(-)	(-)	S		10.7	47	49	12	2	1	3				
	KOB	II	iP		39	44.4	-7	+9	(-)	iS		12.5	220	140	45	0	0	0				33.7°N 135.1°E h=20Km
	TKMT	I	iP		39	44.6	+8	-11	(+)	iS		13.0	110	130	49	1	1	1				
	NR	II	iP		39	45.5	+6	-9	(+)	iS		14.3	180	160	87	0	0	0				
	HMJ	0	P		39	45.7				S		14.4										
	OKYM	I	iP		39	47.2	(-)	(+)	(-)	iS		17.5	74	80	40	1	1	0				
	KOCH	0	iP		39	47.8	-2	-7	(+)	iS		16.0	29	35	27	1	2	2				
	KYT	I	iP		39	50.2	+6	(+)	(+)	iS		14.7	220	150	93	1	1	1				
	KMYM	0	iP		39	52.0	+1	+1	+7	S		15.6	70	78		3	3					
	HKN	0	iP		39	55.3	(+)	(+)	(+)	S		24.9	170	110	52	1	1	1				
	MRTM	0	iP		39	43.2	-19	-20	(+)	iS		11.1	79	100	140	1	0	1				
	MIZR	0	iP		39	54.2				eS		20.4										
	TTR	0	iP		39	56.4				iS		23.0										
	MTYM	0	iP		39	57.7	(+)	(-)		iS		15.5										
	TYOK	0	eP		39	57.—				iS		22.—	49	45		1	1					
	NGY	0	P		39	58.2	-11	-10	(-)	S		26.4										
	HRSM	0	eP		40	02.0				eS		26.4										
	YNG	0	iP		40	02.2				iS		24.8										
	MTE	0	e		40	04.8													i	18.4		
	SIG	0	eP		40	04.—				eS		33.—										
22	WKYM	0	eP	01	32	43.8				eS		8.1										

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OWS	0	P		32	46.3				S		9.5										
	SMT	0	iP		32	48.7				iS		9.0										
	KYT	0	eS		33	04.5																
22	MTYM	0	eP	04	53	33.7				eS		3.0										
	TKMT	0	eP		53	53.7				eS		15.0										
22	KYT	0	eS	07	52	58.7																
22	KOCH	0	P	08	05	10.3	+	8	+ 3 (-)	S	5	48.0										
	TKMT	0	eP		05	15.9				eS	5	54.1										
	SMT	0	e		05	19.4														e	5	54.8
	OSK	0	eP		05	22.2																
	NR	0	e		05	24.7																
	KMYM	0	eP		05	27.3				eS	6	2.1										
	HKN	0	P		05	29.8				S	6	6.3										
	NGY	0	iP		05	30.4	+	3	+4 (-)	S	5	59.6										
22	MTYM	0	e	09	27	02.2																
	KYT	0	eP		27	18.9				eS	5	56.4										
	KMYM	0	e		27	22.—																
	HKN	0	eP		27	23.7				eS	6	0.7										
	NGY	0	iP		27	24.1			(+)	eS	5	53.—										
22	TYOK	0	iP	09	33	24.2																
22	WKYM	0	eP	15	04	18.2				eS		0.8										
22	MTYM	0	iP	16	42	50.3		(-)		iS		9.5										
23	MRTM	0	e	00	20	06.2														e	9	3.6
	OWS	0	eP		20	15.4																
	SMZ	0	eP		20	17.1				eS	5	44.5										New—
	SMSK	0	eP		20	18.2				eS	5	36.7										Guinea
	KOCH	0	eP		20	20.1				S	5	50.6										
	MTYM	0	eP		20	21.1				e	8	29.0								e	11	16.0

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Date	Station	S.I	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	HRSM	0	e	20	23.—														e	8	10.—	
	TKMT	0	eP	20	24.8					eS	5	52.1										3.2 °S 142.3 °E h=25Km
	KYT	0	eP	20	25.9					eS	5	55.5										
	KMYM	0	eP	20	26.9																	(U.S.C.G.S)
	NGY	0	eP	20	28.—					eS	5	53.—										
	TYOK	0	eP	20	32.3					iS	6	0.8							e	9	3.2	
	HKN	0	P	20	34.1					eS	6	5.5										
	OSK	0	eP	20	34.—					eS	5	48.—							e	8	40	
	MTE	0	e	20	36.0																	
	YNG	0	e	20	36.0																	
24	NGY	0	eP	00	45	11.3				eS		9,8										
	KMYM	0	eP		45	13.5				eS		11.6										
	NR	0	e		45	17.4																
	KYT	0	iS		45	23.8																
24	SMSK	0	eP	01	30	08.5				S		4.6										
	OWS	0	eP		30	12.7				S		6.4										
	KMYM	0	e		30	36.1																
	NR	0	e		30	43.2																
	HKN	0	e		30	43.2																
	OSK	0	i		30	44.7																
	KYT	0	eP		30	58.3																
24	KYT	0	eS	02	37	57.0																
24	HKN	0	eP	13	11	42.4																
	NGY	0	eP		12	11.—				eS		40.—										
	KMYM	0	e		12	23.—																
24	NR	0	eP	20	01	13.5				eS		3.0										
24	KMYM	0	eP	22	06	59.7																
	SMSK	0	eP		07	01.2				eS	5	52.7										

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Date	Station	S I	Pha	Time (J.S.T.) h	m	S	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha	P~Pha. m	s	Remarks
	OWS	0	P	07	03.9														e	1	35.8	
	SMT	0	e	07	08.2														e	6	3.0	
	OSK	0	eP	07	09.4														e	6	2	
	NGY	0	eP	07	12.—																	
	KYT	0	eP	07	13.9														e	8	47.8	
	HKN	0	P	07	15.7					eS	6	4.2										
	KOCH	0	eP	07	17.1					eS	5	43.4										
	HRSM	0	eP	07	25.6					eS	5	52.8										
	TYOK	0	eP	07	33.0					eS	5	54.5										
	TTR	0	e	07	33.4																	
25	SMSK	0	eP	04	08	24.6				eS		1.9										
26	HRSM	0	e	04	01	18.—																
26	MTYM	0	e	06	28	29.6																
27	MTYM	0	e	04	05	37.9																
27	NGY	0	eP	08	41	32.—				eS		30.—										
27	HKN	0	eP	14	29	57.3																
28	HRSM	0	P	02	54	09.1				S		2.2										
29	OSK	0	e	00	50	31.—																
29	SMZ	0	eP	12	37	14.1				eS	1	23.3										
	MTYM	0	eP		37	17.4													e		22.5	
	KOCH	0	eP		37	47.7													e	1	6.6	
	MRTM	0	eP		38	10.8													e		21.8	
	TKMT	0	eP		38	17.4				eS	1	31.5										
	TKSM	0	ePN		38	30.5				eS	1	27.4										
	KYT	0	eP		38	40.1				eP	1	53.3										
	SMT	0	e		38	40.2																
29	SMZ	0	eP	12	38	43.3				eS		22.3										
	MTYM	0	eP		38	46.4				S		24.5										

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	HRSM	0	e	39 11.7								
	KMYM	0	e	39 46.—								
	NGY	0	eP	40 34.—								
29	NGY	0	eP	16 48 23.—		eS	30.—					
	KMYM	0	e	48 44.—								
30	MTYM	0	e	02 01 22.7								
30	TKSM	0	ePN	15 40 45.1		iS	3.6					徳島県
	TRGS	I	P	40 46.2		S	2.5					中 部
	TKMT	0	iP	40 48.9		iS	6.7					
	MRTM	0	eP	40 52.8		eS	7.5					
	KOCH	0	eP	40 53.7		eS	10.0					
	OKYM	0	P	40 57.2		iS	10.4					
	MTYM	0	eP	40 59.2		eS	22.5					Shikoku.
	TTR	0	eP	41 05.7		eS	22.4					33.9 °N 134.4 °E h=10Km
	NR	0	eP	41 14.4		eS	12.0					
	KYT	0	eS	41 31.0								
31	OSK	0	e	00 52 54.—								
31	MTYM	0	e	14 36 53.0								
	SMZ	0	eP	37 07.5						e	6.3	
31	KMYM	0	e	16 51 19.—								
31	TKMT	0	e	16 55 47.—								

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

March 1962

37年3月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
12	Kiyokawa	清　川	Wakayama	I	09h 54m	SL	heard	S
15	Kito	木　頭	Tokushima	II	02 40	R		VS
16	Ikuno-minami	生野南	Hyogo	II	11 58			S
21	Kiyokawa	清　川	Wakayama	III	00 39	R	heard	S
	Ryujin	竜　神	〃	III	39	R	heard	S
	Hiwasa	日和佐	Tokushima	III	39	R		L
	Naruto	鳴　門	〃	III	40	R		S
	Kito	木　頭	〃	II	40	R		S
	Shirahama	白　浜	Wakayama	II	39	R		S
	Kurisugawa	栗栖川	〃	II	40	R		S
	Yakake	矢　掛	Okayama	I	40	SL		S
	Kishiwada	岸和田	Osaka	II	39	R		S
	Akashi	明　石	Hyogo	II	02 20	R		VS
22	Ryujin	竜　神	Wakayama	III	13 45	R	heard	L
26	Hiki	日　置	〃	II	04 08	SL		VS
30	Anabuki	穴　吹	Tokushima	II	15 41	R		S

Remarks

VR : vary rapid (極 急)　　VS : vary short (極 短)

R : rapid (急)　　S : short (短)

SL : slow (緩)　　L : long (長)

International Seismological Centre

大 阪 管 区

地 震 月 報

昭 和 37 年 4 月

THE MONTHLY REPORT OF EARTHQUAKES

April 1962

大 阪 管 区 気 象 台

The Osaka
District Meteorological Observatory
Japan

International Seismological Centre

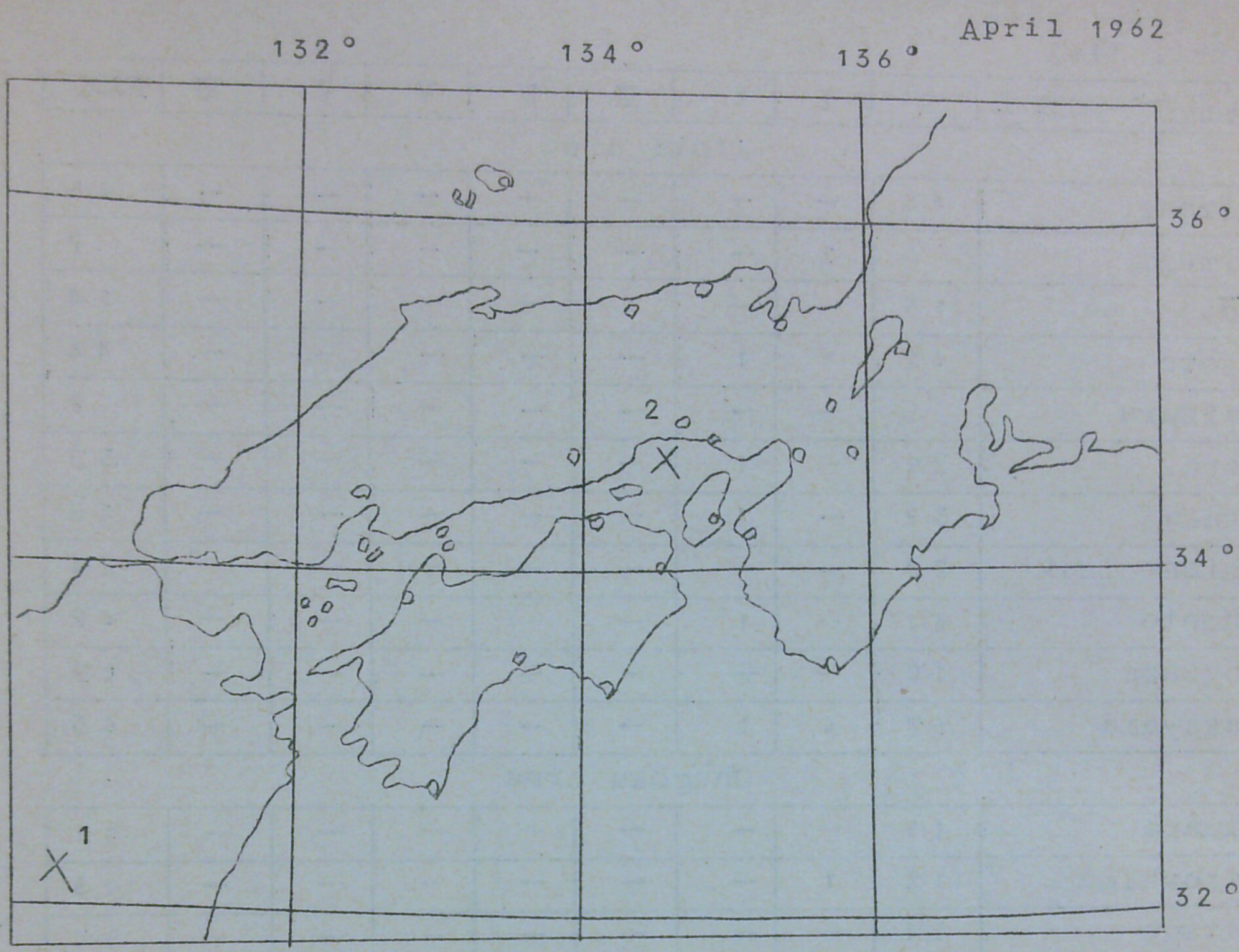
Number of earthquakes

April 1962

Station \ S. I.	0	I	II	III	IV	V	VI	VII	Total
Kinki area									
Hikone	45	—	—	—	—	—	—	—	45
Himeji	6	1	—	—	—	—	—	—	7
Kōbe	13	—	—	1	—	—	—	—	14
Kyōto	42	1	1	—	—	—	—	—	44
Maizuru	9	—	—	—	—	—	—	—	9
Nara	29	—	1	—	—	—	—	—	30
Ōsaka	39	—	1	—	—	—	—	—	40
Shionomisaki	24	—	—	—	—	—	—	—	24
Sumoto	41	—	1	—	—	—	—	—	42
Toyooka	10	—	—	—	—	—	—	—	10
Wakayama	30	4	1	—	—	—	—	—	35
Chūgoku area									
Hamada	11	—	—	—	—	—	—	—	11
Hiroshima	12	1	—	—	—	—	—	—	13
Matsue	14	—	—	—	—	—	—	—	14
Okayama	7	1	1	—	—	—	—	—	9
Saigō	10	—	—	—	—	—	—	—	10
Tottori	18	1	—	—	—	—	—	—	19
yonago	10	—	—	—	—	—	—	—	10
Shikoku area									
Kōchi	20	—	1	—	—	—	—	—	21
Matsuyama	30	1	—	—	—	—	—	—	31
Murotomisaki	22	—	—	—	—	—	—	—	22
Shimizu	14	1	—	—	—	—	—	—	15
Takamatsu	25	1	1	—	—	—	—	—	27
Tokushima	12	1	1	—	—	—	—	—	14
Tsurugisan	6	—	—	—	—	—	—	—	6
Uwajima									

Epicenter of the major earthquakes, in west of Honshu, Shikoku.

April 1962



April 1962

No	Date	Origin Time(J.S.T)	Epicenter				Max. S. I.
			Location	Lat.	Long.	Depth	
1	23	04h 15m	熊本・鹿児島県境 S part of Kyushu	32.2 °N	130.5 °E	120 Km	
2	25	05 39	播磨灘 Off S coast of W of Honshu	34.5	134.8	0	III

Remarks

HMD	: Hamada	MRTM	: Murotomisaki	TTR	: Tottori
HKN	: Hikone	NR	: Nara	TYOK	: Toyooka
HMJ	: Himeji	OKYM	: Okayama	TRGS	: Tsurugisan
HRSM	: Hiroshima	OSK	: Osaka	UWJM	: Uwajima
KOCH	: Kōchi	SIG	: Saigo	WKYM	: Wakayama
KOB	: Kōbe	SMZ	: Shimizu	YNG	: Yonago
KYT	: Kyōto	SMSK	: Shiomisaki		
MIZR	: Mizúru	SMT	: Sumoto	NGY	: Nagoya
MTE	: Matsue	TKMT	: Takamatsu.	OWS	: Owashi
MTYM	: Matsuyma	TKSM	: Tokushima	KMYM	: Kameyama

Period

0 : <0.4 sec

1 : 0.4 ~ 1.4 sec

2 : 1.5 ~ 2.4 sec

.....

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
1	KOCH	0	eP	0 1 49 10.1		eS	36					
1	KMYM	0	e	0 4 34 22.2		eS	9.7					
1	TKMT	0	eS	0 8 0 1 35.7								
1	NGY	0	eP	0 8 1 4 25.-								
1	SMSK	0	eP	1 2 5 4 28.6		eS	355					
	MRTM	0	eP	5 4 31.5						e	14.0	
	WKYM	0	e	5 4 31.7								
	KOCH	0	e	5 4 41.8						e	18.5	
	MTYM	0	eP	5 4 42.1		eS	36.5					
	TKMT	0	eP	5 4 43.4		S	31.0					
	NR	0	e	5 4 46.0								
	KYT	0	eR	5 4 46.9		eS	50.3					

International Seismological Centre

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	OWS	0	P	54 47.5								
	TKSM	0	ePE	54 47.5								
	SMZ	0	eP	54 48.5		eS						
	SMT	0	e	54 51.9								
	OSK	0	eP	54 54.—						e	54	
	KMYM	0	eP	54 59.5								
	TTR	0	e	54 03.7								
	NGY	0	eP	54 06.—						e	25	
	HKN	0	eP	54 18.4								
1	NGY	I	P	13 45 55.2	—5 —2 (H)	S	69	32 32	1 1			岐阜県
	HKN	0	P	46 02.9		iS	82	73 94 30	1 1 1			中部
	KMYM	0	iP	46 04.0	—1 —1	S	125					Central
	KYT	I	eP	46 11.0		eS	16.1	58 150 37	0 0 0			part of
	NR	0	eP	46 12.5		eS	17.8					Honshu.
	MIZR	0	eP	46 13.5		eS	18.1					
	OSK	0	P	46 19.0		iS	18.1					
	TTR	0	eP	46 28.4		eS	29.6					35.7 °N 137.1 °E h=20 Km
	SMT	0	eP	46 29.1		S	25.3					
	WKYM	0	e	46 30.5								
	OKYM	0	eP	46 38.3		iS	35.2					
	TKSM	0	eP E	46 49.1								
	TKMT	0	eP	47 03.1		S	47.3					
	SMSK	0	e	47 03.9								
	MRTM	0	e	47 26.0								
	MTYM	0	e	47 28.6								
1	OSK	0	e	14 03 37.—								十勝沖 Off SE coast of
	NGY	0	eP	03 52.—		eS	1 45.—					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max Amplitude Amp (μ) N E Z	Max Amplitude Period(sec) N E Z	Pha.	P—Pha. m s	Remarks
	HKN	0	eP	04 05.1								Hokkaido
	KYT	0	eP	04 07.5						e	3 86	41.5 °N
	TYOK	0	eP	04 11.1								143.8 °E
	KNYM	0	eP	04 17.9								h=40Km
1	OSK	0	e	21 17 36.—								
	NGY	0	eP	18 26.—		eS	1 45.—					
	SMT	0	e	18 325						e	1 39.3	
	KMYM	0	eP	18 33.6						e	1 38.5	
	NR	0	e	18 348								
	HKN	0	P	18 362								
	TYOK	0	e	18 44.1								
	KYT	0	eP	19 346						e	5 46.5	
2	NGY	0	eP	09 18 55.—								
	SMT	0	e	19 029								
	HRSM	0	e	19 372						e	2 51.0	
	KYT	0	eP	19 523						e	3 19.3	
2	MTYM	0	eP	15 33 41.6		eS	33.0					
2	NGY	0	eP	22 37 06.—		eS	23.—					
	KMYM	0	e	37 09.3		eS	26.6					
	HKN	0	eP	37 14.3								
	KYT	0	eP	38 18.0		eS	33.6					
3	MRTM	0	eP	12 05 20.2								
3	HKN	0	eP	17 52 00.7		S	5.0					
3	WKYM	0	eP	19 35 47.6		eS	0.5	51 48	— —			
	SMT	0	P	35 50.8		iS	3.5					
4	WKYM	0	eP	04 15 23.4		eS	1.2					
4	WKYM	0	eP	06 11 39.8		eS	1.2					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P—Pha. m s	Remarks
	SMT	0	eP	11 44.1		iS	43					和歌山附近 Near Wakayama 342 °N 1352 °E very shallow
	NR	0	eP	11 49.2		eS	108					
	TKMT	0	eP	11 52.4		eS	15.1					
	SMSK	0	i	11 52.6								
	MRTM	0	eP	11 57.6		eS	110					
	KYT	0	eP	11 58.4		eS	9.9					
	MTYM	0	e	12 36.8								
4	SMT	0	iP	13 42 07.8		iS	7.3					
4	MRTM	0	eP	13 51 43.9						e	42.6	
	WKYM	0	eP	52 11.3		eS	0.5					
	TKMT	0	e	52 28.1								
5	NGY	0	P	04 34 44.9		S	5.9					
	KMYM	0	P	34 45.2		S	6.1					
	NR	0	e	35 03.8								
	KYT	0	eS	35 05.8								
5	MRTM	0	eP	16 20 53.7		eS	46					
5	MRTM	0	eP	16 36 59.1								
5	NGY	0	eP	23 17 15.—		eS	1 5.—					
	HKN	0	eP	17 29.3								
6	NGY	0	eP	02 08 13.—		eS	23.—					
	KMYM	0	eP	08 23.6		eS	28.4					
	KYT	0	eP	08 39.9		eS	19.8					
	NR	0	e	08 59.6								
	OSK	0	e	09 05.—								
	SMT	0	e	09 40.9								
6	MRTM	0	eP	16 43 34.7		eS	19.5					
6	SMT	0	P	20 17 36.6		iS	9.2					

Date	Station	S.I	Pha.	Time (J.S.T) h m s	Initial Motion (ω) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P—Pha. m s	Remarks
	SMSK	0	P	17 36.6		S	8.9					
	WKYM	0	eP	17 41.8								紀伊半島
	KYT	0	eP	17 45.7		iS	14.1					中部
	NR	0	eP	17 46.0		eS	7.2					W of
	TKSM	0	iPE	17 49.4								Honshu.
	OSK	0	i	17 51.8								34 1/2 °N
	NGY	0	e	18 18.—								135 3/4 °E
7	HKN	0	eP	01 04 46.8								h=20Km
7	SMZ	0	e	15 26 49.1						e	4 29.6	Kalorin
	MRTM	0	eP	26 52.0								Is.
	SMSK	0	eP	26 57.8		eS	4 24.9					10.0 °N
	OSK	0	eP	27 03.9		eS	4 48.—					144.4 °E
	OWS	0	P	27 04.4								h=50Km
	SMT	0	e	27 06.8						e	4 36.8	(U.S.C.G.S)
	KOCH	0	eP	27 07.1		eS	4 32.5					
	MTYM	0	eP	27 08.2		eS	4 29.5					
	KMYM	0	eP	27 08.7						e	4 26.7	
	TKMT	0	eP	27 08.8		eS	4 25.7					
	NR	0	e	27 09.3								
	KYT	0	eP	27 09.6		eS	4 25.3					
	NGY	0	eP	27 10.—								
	TTR	0	e	27 13.1								
	HKN	0	P	27 13.4								
	HRSM	0	e	27 14.0						e	4 43.5	
	KOB	0	eP	27 15.5								
	TYOK	0	eP	27 19.8		eS	4 41.9					
	MTE	0	e	27 22.6								
	SIG	0	e	27 27.—								
8	NGY	0	eP	12 43 26.—								
8	KMYM	0	eP	16 22 42.3								
8	HMJ	0	iP	21 29 24.6		iS	3.8					兵庫県
	OKYM	0	iP	29 29.9	(H) (H)	iS	8.2					西部
	TTR	0	iP	29 30.0		iS	7.1					W
	TYOK	0	eP	29 30.5		iS	6.7					of
	KOB	0	eP	29 31.6		eS	8.6					Honshu.
	SMT	0	P	29 33.6		iS	11.0					
	MIZR	0	eP	29 34.8		eS	10.8					35.1 °N
	TKMT	0	eP	29 35.0		iS	10.1					134.5 °E
	KYT	0	eP	29 37.6		iS	13.3					h=10Km
	OSK	0	eP	29 39.0		iS	11.2					
	HKN	0	eP	29 46.4		eS	18.3					
	KMYM	0	eP	29 51.1		S	18.9					
	MTYM	0	eP	29 51.8		eS	28.5					
	NR	0	e	29 56.2								
9	NGY	0	eP	19 52 13.—								
10	WKYM	I	eP	12 23 47.4		eS	1.1	83 83	— —			
	SMT	0	P	23 51.5		iS	3.9					
10	HKN	0	eP	12 41 48.3		iS	3.4					滋賀県
	NGY	0	eP	41 56.4		eS	8.6					北部
	KMYM	0	eP	41 56.6		eS	9.0					35 1/2 °N
	KYT	0	iS	42 04.8								136 1/4 °E
10	WKYM	0	eP	23 17 49.3		eS	0.5					h=10Km
11	WKYM	0	eP	08 37 03.0		eS	1.6					
	SMT	0	eP	37 06.2		iS	2.1					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
11	TTR	0	P	08	55	088				iS		422										
	KYT	0	ePP		55	112				iS		443										
	NGY	0	ePP		55	114				S		44.1										
	HKN	0	ePP		55	114				iS		400										
	OSK	0	iP		55	132			(+)	iS		465										
	KMYM	0	ePP		55	134				S		440										
	SMT	0	P		55	161				iS		473										
	WKYM	0	eP		55	163				eS		489										
	TKMT	0	iP		55	182				eS		503										
	OWS	0	P		55	204				S		502										
	SMSK	0	eP		55	249				S		529										
	KOCH	0	P		55	272	−1		(+)	eS		559										
	MTYM	0	P		55	283				iS		565										
11	TTR	0	P	09	54	387																
11	SMT	0	i	14	06	284																
11	NGY	0	ePP	15	24	04.−				S		17.−										
	KMYM	0	e		24	32.−																
	MTE	0	e		27	338																
12	NGY	0	P	09	54	027	−5	−12	(+)	S	1	55	1mm	1mm	420	3	3	5				
	KMYM	0	iP		54	098	−4	−9	(+)	S	1	07	780	750	570	2	3	2				金華山沖
	HKN	0	iP		54	099	−11	−17	(+)	S	1	22	560	350	220	3	2	6				Off E
	KYT	0	iP		54	158	−5	−5	(+)	iS	1	288	590	450	350	6	8	7				coast of
	MIZR	0	eP		54	172	−2	−4	(+)	eS	1	128										NE
	OSK	0	eP		54	191	(−)	−10	(+)	S	1	387	2mm		570		2	2				Honshu.
	OWS	0	iP		54	192	(−)	(−)	(−)	S	2	348	240	145	280	7	6	8				
	MRTM	0	eP		54	215				e	2	190	250	170		12	8		e	2	482	
	NR	0	eP		54	216				e	2	250	3.1mm	2.mm	950	1	1	1				

Date	Station	S.I.	Pha	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha	Max Amplitude P~Pha. m	s	Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha	P~Pha P~Pha m	s	Remarks
	TYOK	0	i P		54	21.9	(-)	(-)	(+)	S	1	19.0	330	220		6	7					37.1°N
	KOB	0	o P		54	23.3		(-)		eS	1	46.0										142.8°E
	SMSK	0	P		54	25.7	-2	-4	(+)	eS	1	19.4	200	210	150	5	6	4	1		25.7	h = 40 Km
	SMT	0	e P		54	27.4				S	1	43.1	310	220	200	5	6	6				
	HMJ	0	e P		54	28.7				eS	1	35.5										
	WKYM	0	i P		54	29.4	-5	-7	(+)	eS	1	56.1	180	110	200	2	2	7				
	TKMT	0	e P		54	34.2				eS	1	28.4	120	73	82	6	6	6				
	TKSM	0	e P		54	35.0				S	1	41.0	5	9	2	2	2	2				
	SIG	0	P		54	37.1													e		40.6	
	OKYM	0	P		54	37.1				eS	1	36.0										
	YMG	0	P		54	38.1				eS	1	33.2										
	MTE	0	i		54	41.8													e		37.5	
	HMD	0	e P		54	45.-				eS	1	32.-										
	KOCH	0	e P		54	46.5				eS	1	43.0	1.1	190	1	16	16	12	e	1	57.3	
	HRSM	0	e P		54	53.0				eS	1	44.0	130	97	55		7	9				
	MTYM	0	i P		54	54.5	(+)	(+)		iS	2	9.5	150	120		-	-	-				
	SMZ	0	P		54	56.0				eS	2	7.0	150	180		8	6					
	TRGS	0	e P		55	43.0				eS	1	51.6										
12	NGY	0	e P	10	07	39.-				eS	1	1.-										
	HKN	0	e P		08	43.9																
12	WKYM	0	e P	10	45	15.2				eS		1.1										
	HKN	0	e P		45	54.5																
	NGY	0	e P		46	00.-																
12	NGY	0	e P	11	15	38.-																
12	HKN	0	e P	11	32	49.4																
	NGY	0	e P		32	54.-				S		6.-										
12	NGY	0	e P	12	05	00.-																

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp. (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
12	NR	0	e	13	52	39.5																
12	NGY	0	eP	14	17	23.7				S	1	2.6	87	70		3	3					Off E
	HKN	0	P		17	31.9				S	1	6.2										Coast
	KMYM	0	eP		17	32.1				eS	1	11.2										of
	OWS	0	eP		17	33.1				S	1	29.6										NE
	KYT	0	eP		17	36.3				eS	1	17.4										Honshu
	MIZR	0	eP		17	38.8				eS	1	10.1										金華山沖
	OSK	0	eP		17	44.9				eS	1	30.1	50	80	31	5	3	3				
	TYOK	0	P		17	45.1				S	1	19.5										
	KOB	0	e		17	45.-				eS	1	44.-										
	YNG	0	eP		17	50.4				eS	1	32.6										37.8°N
	SIG	0	eP		17	54.-				eS	1	35.-										142.7°E
	WKYM	0	e		17	58.2																h=40 Km
	MTE	0	e		18	03.3																
	MRTM	0	eP		18	03.7				eS	1	50.3										
	SMT	0	eP		18	04.9				1S	1	15.5										
	MTYM	0	eP		18	08.8													e	2	53.0	
	KOCH	0	eP		18	08.8				eS	1	26.8										
	SMZ	0	eP		18	16.4																
	SMSK	0	eP		18	24.2													e		58.4	
	HRSM	0	e		18	26.6																
	TKSM	0	e		19	23.9																
12	NGY	0	eP	16	02	09.-				eS	1	1.-										金華山沖
	HKN	0	eP		02	20.5				eS	1	5.9										Off E
	KYT	0	P		02	46.2				S	1	2.8										Coast of
	KMYM	0	e		02	57.-																NE
	OSK	0	e		03	54.-																Honshu
12	NGY	0	eP	18	49	03.-				eS	1	1.-										

Date	Station	S. J.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (ω) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (ω) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	HKM	0	eP		49	31.8				eS	1	0.1										
	KYT	0	eP		49	42.3				eS	1	5.6										金華山沖
	OSK	0	e		51	07.–																(after-shock)
12	NGY	0	eP	21	50	27.–				eS	1	5.–										
13	NGY	0	eP	08	18	07.–				eS	1	00.–										
	HKN	0	eP		18	14.7																金華山沖
	KYT	0	eP		18	25.8				eS	1	14.3										Off E-Coast of
	KMYM	0	eP		18	30.5				eS	1	11.1										NE Honshu
	OSK	0	e		20	02.–																
	SMT	0	e		20	34.1																
13	NGY	0	eP	08	25	23.–				eS	1	2.–										
	HKN	0	eP		25	33.2																
13	NGY	0	eP	09	37	18.–																
13	SMT	0	eP	09	44	27.6				iS		1.8										
13	NGY	0	eP	15	37	42.–				eS	1	12.–										
13	MTYM	0	eP	15	42	14.7				eS		34.0										
	HMD	0	eP		42	23.0				eS		27.4										
	SMZ	0	eP		42	24.1				eS		21.5										
	KOCH	0	eP		42	29.2				eS		33.4										
	YNG	0	eP		42	34.8				eS		47.9										
	MRTM	0	e		42	39.4																
	HRSM	0	e		42	43.0																
	TKMT	0	eP		42	49.9				eS		36.8										
	NR	0	eP		42	59.4				eS		44.4										
	MTE	0	e		43	19.5																
	TTR	0	e		43	41.3																
	TYOK	0	e		43	54.4																

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Date	Station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	pha	P~Pha m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec.) N	E	Z	Pha	P~Pha m	s	Remarks
14	TTR	0	e	01	51	45.1																
14	OWS	0	eP	05	32	53.8				S		29.8										
	NGY	0	eP		33	05.-				eS		32.-										
	OSK	0	e		33	11.-													e		36	
	SMSK	0	P		33	22.0													e		1.0	
	SMT	0	eP		33	33.0													e		16.4	
	WKYM	0	eP		33	42.7													e		1.1	
	TKMT	0	e		34	06.4																
	MTYM	0	e		34	14.6																
14	SMSK	0	eP	07	40	10.6				S		3.9										
"	OWS	0	P		40	16.3				S		11.2										紀伊水道
	SMT	0	eP		40	18.4				1S		11.3										W of
	WKYM	0	eP		40	23.2													e		1.6	Honshu
	NGY	0	eP		40	24.-				eS		41.-										
	NR	0	e		40	34.1																
14	NGY	0	eP	07	55	58.-				eS	1	11.-										
	KYT	0	eP		56	09.6				eS	1	21.9										
15	NGY	0	eP	01	51	25.-				S	1	15.-										金華山沖
	HKN	0	eP		51	33.4				eS	1	20.4										Off E
	KMYM	0	eP		51	39.0				eS	1	13.9										Coast of
	KYT	0	eP		51	39.7				eS	1	34.6										NE
	TYOK	0	e		51	44.4																Honshu
	NR	0	e		51	45.4																
	OWS	0	eP		51	48.0				S	1	22.0										
	OSK	0	e		51	56.-													e	1	32	
	NTE	0	e		52	04.8																
	TKMT	0	eP		52	12.-																

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	KOCH	0	e^P	52 21.5								
	SMSK	0	e^P	53 02.3						e	2 7.2	
	SMT	0	e	53 43.6						e	38.7	
15	NGY	0	e^P	03 44 21.–		e^S	1 13.–					金華山沖
	HKN	0	e^P	44 3.4								
	KYT	0	e^P	44 36.3		e^S	1 36.6					Off E
	KMYM	0	e^P	44 58.6		e^S	1 4.0					Coast of
	OSK	0	e	44 10.–								NE
										e	1 33	Honshu
15	NGY	0	e^P	06 56 82.–		e^S	1 7.–					
15	HKN	0	e^P	13 29 58.0		S	18.0					
15	MTYM	0	e	14 26 23.6								
15	NGY	0	e^P	16 33 02.–		e^S	42.–					
	HKN	0	e^P	33 11.4		e^S	53.5					
	KMYM	0	e^P	33 12.6		e^S	51.1					
	KYT	0	e^P	33 15.9		e^S	1 100.0					
	NR	0	e	33 20.8								茨城県沖
	OWS	0	e^P	33 24.1		S	1 3.9					Off E
	SMT	0	e	33 29.1						1	1 26.2	of
	KOB	0	e	33 29.–						e	51	Central
	TTR	0	e^P	33 31.6		e^S	1 32.6					Honshu
	TYOK	0	e^P	33 35.4						e	1 33.7	36.4°N
	OSK	0	e^P	33 35.–		e^S	1 3.–					141.2°E
	KOCH	0	e^P	33 41.5		e^S	1 39.3					h= 40Km
	TKSM	0	e	34 44.0								
	TKMT	0	e^P	33 52.5		e^S	23.6					
	MTYM	0	e^P	34 05.6		e^S	42.0					
	MTE	0	e	34 31.8								

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max.Amplitude AmP.(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMSK	0	e	34 45.1								
	HMD	0	e	35 33.4						e	22.1	
15	MTYM	0	e	22 01 50.8								
16	NGY	0	eP	00 29 01.-		S	12. -					
16	KYT	0	P	01 09 07.6		iS	00.8					
16	NGY	0	eP	10 09 32.-		eS	59.-					
16	NGY	0	e	15 21 05.4								
16	MRTM	0	eP	22 21 18.6		eS	28.4					鳥島近海
	OWS	0	P	21 29.8		S	1 1.1					Off S
	SMSK	0	eP	21 31.4		S	1 0.4					Coast of
	NGY	0	P	21 38.1	+4 −2 (+)	S	1 3.8					Honshu
	KMYM	0	P	21 38.4	+1 −1 (−)	S	1 6.7					30.9° N
	NR	0	e	21 43.1								141.6° E
	OSK	0	eP	21 45.5		eS	1 20.-					h=200Km
	HKN	0	P	21 45.6		S	1 13.2					
	KYT	0	P	21 45.9		S	1 18.8					
	SMT	0	i	21 46.3						e	1 9.2	
	WKYM	0	eP	21 46.7		eS	1 6.4					
	KOB	0	eP	21 49.3		eS	1 12.3					
	TKSM	0	e	21 49.3								
	TKMT	0	eP	21 54.7		eS	1 20.1					
	SMZ	0	iP	21 55.9		iS	1 23.4					
	KOCH	0	eP	21 56.5		S	1 19.2					
	TYOK	0	eP	21 57.8		eS	1 22.6					
	TTR	0	P	22 01.1		S	1 25.6					
	MTYM	0	eP	22 05.3		iS	1 26.5					
	HRSM	0	eP	22 10.5		eS	1 32.2					

Date	Station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha	P~Pha m	s	Remarks
	YNG	0	P	22	11.5					S	1	33.8										
	HMD	0	eP	22	13.3					eS	1	35.4										
	MTE	0	e	22	14.0																	
	SIG	0	e	22	24.-														e	1	35.4	
17	NGY	0	eP	08	47	51.-				eS		57.-										
	HKN	0	eP		48	45.0																
17	MRTM	0	eP	09	39	38.1				eS		7.5										
	SMZ	0	eP		39	51.9													e		21.3	
	KOCH	0	eP		39	58.1				eS		27.8										
	MTYM	0	eP		40	03.0				eS		25.0										
	TKMT	0	e		40	04.6																
	SMSK	0	eP		40	07.8				eS		17.6										
	SMT	0	e		40	12.3													1		332	
	KYT	0	eP		40	16.3				eS		39.2										
	OSK	0	e		40	24.-																
	HKN	0	eP		40	28.5																
	NGY	0	eP		40	36.-				eS		58.-										
17	TKSM	0	eP N	11	44	10.0																
17	MRTM	0	eP	17	56	10.6				eS		6.7										
17	SMZ	0	eP	19	46	52.5				eS		5.6										
17	NGY	0	eP	19	54	04.0				S		7.5										
	NR	0	e		54	22.3																
	HKN	0	eP		54	23.7																
17	MRTM	0	eP	19	56	42.0				eS		7.8										
17	WKYM	II	eP	20	50	23.2				eS		2.0	190	-								
	SMT	0	P		50	26.0				1S		4.1										
	OSK	0	eP		50	33.6				S		8.2										

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Date	Station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Mx. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	SMSK	0	eP		50	37.3				S	10.1											和歌山
	TKMT	0	eP		50	37.4				eS	13.1											附近
	NR	0	eP		50	37.7				eS	20.6											W of
	KYT	0	eP		50	41.0																Honshu
	OKYM	0	P		50	41.5				iS	14.8											34.2° N
	KOCH	0	eP		50	44.7				eS	18.8											135.1° E
	NGY	0	eP		50	44.–				eS	35.–											very
	KMYM	0	eP		50	45.9				eS	16.6											Shallow
	HKN	0	eP		50	48.4				S	20.6											
	MTYM	0	eP		50	56.5				eS	25.5											
18	NGY	0	eP	03	51	07.–				eS	1 00.–											
	KMYM	0	e		51	36.–																
18	NGY	0	eP	05	55	25.–				eS	1 8.–											
	HKN	0	P		55	36.7				S	1 9.0											
	KMYM	0	eP		55	43.0																
	KYT	0	eP		55	43.2				eS	1 25.9											金華山沖
	OWS	0	eP		55	51.0				S	1 25.7											Off E
	TTR	0	eP		55	54.3													e	1	20.3	Coast
	NR	0	e		55	57.5																of NE
	TKMT	0	eP		56	02.6				eS	2 4.8											Honshu
	OSK	0	eP		56	06.–				eS	1 30.–											37.9° N
	KOB	0	e		56	18.0																142.8° E
	MTYM	0	eP		56	21.4													e	2	27.5	h=40 Km
	KOCH	0	eP		56	25.8				eS	1 44.7											
	SMT	0	e		56	26.0													e	1	19.8	
	SMSK	0	e		57	31.7																
18	WKYM	I	eP	16	46	18.3				eS	0.9	28 45 –				–						

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
18	SMZ	0	iP	17 23 44.0		iS	6.0					
	MTYM	0	eP	23 55.5		eS	13.0					
19	NGY	0	eP	17 10 45.-		eS	59.-					
	KYT	0	P	11 09.1		S	125.0					
	HKN	0	eP	11 17.2								
	KMYM	0	e	11 21.-								
19	OSK	0	e	17 13 02.-								
19	SMT	0	i	22 21 51.4								
20	WKWM	0	eP	02 51 46.1		eS	1.8					和歌山附近
	SMT	0	P	51 50.7		iS	4.0					Wof Honshu.
	TKMT	0	eP	52 08.7		eS	10.5					
	KMYM	0	e	52 13.8		eS	15.7					
	NGY	0	eP	52 22.-								
	MTWM	0	e	52 45.8								
	OSK	0	e	53 05.-								
20	OWS	I	iP	06 24 57.8	(-) (-) (-)	S	5.6	21 38 23	(-) (-) (-)			紀伊半島南部
	SMSK	0	eP	24 59.3		S	3.5					Wof Honshu.
	NR	0	eP	25 08.4		eS	11.6					
	KMYM	0	eP	25 16.0		eS	12.1					
	OSK	0	e	25 21.0								
	NGY	0	eP	25 25.-		S	18.-					
	TKMT	0	e	25 40.9								
20	NGY	0	eP	08 22 56.-								
	OSK	0	eP	23 03.5		e	10 9.-			L	12 11	
	TKMT	0	eP	23 07.6						L	10 54	
	KOCH	0	eP	23 11.8						e	5 40.2	
	OWS		e	28 20.8								

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
20	HRSM	0	e	08 31 24.3								
	SMZ	0	e	32 09.5						e	5 53.1	
	KYT	0	e	32 47.0								
	SMT	0	e	35 10.1								
	HMO	0	e	36 35.0								
20	OSK	0	e	15 07 49.-						e	10 9	
	KMWM	0	e	07 10.-								
	KOCH	0	$_{e}$P	08 19.9		$_{e}$S	10 4.9					
21	SMT	0	i	23 00 54.1								
22	NGY	0	$_{e}$P	16 12 58.-		$_{e}$S	57.-					
	KYT	0	P	13 07.7		S	1 12.3					
	KMNM	0	e	13 42.-								
23	KYT	0	$_{i}$S	02 30 46.1								
23	NGY	0	$_{e}$P	03 52 23.-		$_{e}$S	1 30.-					
	KYT	0	P	52 30.4		S	1 50.5					
	HKN	0	$_{e}$P	52 45.0								
	OSK	0	e	52 51.-								
	KMYM	0	e	52 56.-								
23	SMZ	I	$_{i}$P	04 16 08.4	+9 +18	$_{i}$S	25.7	170 170	1 1			
	MTYM	I	$_{i}$P	16 12.8	+1 +1	$_{i}$S	29.5	130 130	1 1			
	HRSM	I	$_{e}$P	16 14.8		$_{e}$S	31.8	33 50 31	0 0 0			熊本・
	KOCH	II	$_{i}$P	16 16.5	(+) (+) (+)	$_{i}$S	32.5	160 140 72	3 3 2			鹿児島
	MRTM	0	$_{i}$P	16 20.2	+3 +4 (-)	$_{i}$S	36.5					県境
	HMD	0	$_{e}$P	16 21.2		$_{e}$S	33.1			i	24.5	
	TRGS	0	P	16 22.6		S	40.0					S part of
	MTE	0	e	16 25.3						i	48.8	Kyushu.
	TKMT	0	$_{i}$P	16 26.2	+1 +2 (+)	$_{i}$S	40.7	270 280 88	1 1 1			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	OKWM	II	iP	16 28 3	(+) (+) (+)	iS	40.6	220 230 60	1 1 1			
	TKSM	I	iP_n	16 29.7		S	32.2	9 14 4	1 1 1			
	SMT	0	iP	16 33.8		iS	46.7					32.2°N
	YNG	0	P	16 34.9		iS	44.2					130.5°E
	HMJ	0	P	16 35.7		S	49.1					h=120 Km
	WKYM	0	eP	16 37.0		eS	46.7					
	SMSK	0	P	16 37.8		S	48.2					
	KOB	0	eP	16 38.2	(-)	eS	50.8					
	SIG	0	eP	16 42.-		eS	1 00.-					
	KYT	0	eP	16 45.0		eS	43.9					
	OWS	0	P	16 45.1		S	53.9					
	OSK	0	eP	16 46.-		S	49.2					
	NR	0	eP	16 51.8		eS	52.0					
	KMYM	0	eP	16 55.2		eS	57.6					
	NGY	0	eP	17 01.7		eS	1 6.7					
	MIZR	0	eP	17 06.5						i	36.8	
	HKN	0	P	17 38.8		S	1 1.5					
23	NGY	0	eP	12 55 19.-		eS	33.-					
	HKN	0	P	55 25.8		S	49.0					茨城県
	MTE	0	e	55 29.5								南西部
	KYT	0	P	55 30.9		S	43.7					
	KMYM	0	eP	55 32.0		eS	33.6					N of
	NR	0	eP	55 34.6		eS	56.0					Honshu
	MIZR	0	eP	55 35.7		eS	56.6					
	OWS	0	eP	55 43.7		S	58.9					36.1°N
	SMT	0	eP	55 46.1		S	1 2.4					140.0°E
	TTR	0	eP	55 48.2						e	52.0	h=50 Km

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OSK	0	eP		55	52.4				eS		44.7										
	WKYM	0	eP		55	59.9				eS		54.0										
	SIG	0	e		55	59.-																
	KOB	0	e		56	02.-													e		46	
	TKMT	0	eP		56	03.7				eS	1	1.5										
	MRTM	0	eP		56	11.6													e	1	16.4	
	MTYM	0	eP		56	14.9				eS	1	20.0										
	YNG	0	eP		56	20.3				eS	1	2.7										
	SMSK	0	eP		56	20.7													e		37.4	
	TKSM	0	ePN		56	21.6																
	HRSM	0	eP		56	27.3				eS	1	20.2										
	KOCH	0	e		57	07.5													e		16.5	
23	NGY	0	eP	15	00	20.2	+3	+4	(-)	S	1	45.2	320	250	160	2	2	2				
	KYT	0	eP		00	27.9	(+)	(+)	(-)	eS	1	52.7	240	190	140	6	8	5				
	HKN	0	P		00	28.9				S	1	41.2	230		130	2		2				
	KOB	0	eP		00	30.9				eS	2	2.0										
	MIZR	0	eP		00	31.9	+2	+2	(-)	eS	1	45.6										十勝沖
	KMYM	0	iP		00	32.2	+7	+6	(-)				320	240	120	5	5	5	e		52.0	
	NR	0	e		00	36.5							1100			1						(広尾沖地震)
	TTR	0	P		00	37.2				S	1	53.1										
	OSK	0	P		00	37.9			(-)	eS	2	1.-	800	600	200	7	5	3				off SE coast of Hokkaido
	SIG	0	P		00	41.1				S	1	53.2										
	YNG	0	eP		00	43.2				eS	2	1.6										
	OWS	0	iP		00	44.0	(+)	(+)	(-)	S	1	5.9	65		100	8		21				
	SMT	0	iP		00	45.1				iS	1	56.3	97	71	53	6	6	6				
	HMJ	0	eP		00	45.4				eS	2	32.4										
	MTE	0	e		00	46.0													e	2	9.5	

International Seismological Centre

Date	Station	S.I	Pha.	Time (J.S.T) h	m	S	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	S	Max.Amplitude Amp(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	S	Remarks
	WKYM	0	iP		00	47.1	+3	-5	(-)	eS	2	7.2	54	31	46	4	3	6				42.4°N 143.8°E h=40Km
	TKMT	0	eP		00	49.5				eS	2	3.7										
	SMSK	0	eP		00	51.5				eS	2	4.6	100	72	32	6	9	4	i	1	15.9	
	TRGS	0	iP		00	51.8				eS	2	18.2										
	TKSM	0	iP		00	52.0																
	OKYM	0	P		00	53.8				S	2	14.5										
	KOCH	0	eP		01	00.7				eS	2	22.9	330	250	290	16	12	13				
	HMD	0	eP		01	02.3				eS	2	17.5										
	MRTM	0	eP		01	03.1				eS	2	20.4	70			8						
	HRSM	0	P		01	03.4	+3	+4	(-)	eS	2	13.3	84	61	86	5	5	4	e	12	46.3	
	MTYM	0	eP		01	04.4				eS	2	13.5							i		18.5	
	SMZ	0	P		01	13.9				eS	2	42.8										
24	WKYM	0	eP	06	32	08.7				eS		4.0										和歌山中部
	SMT	0	eP		32	12.0				iS		6.4										
	SMSK	0	e		32	15.5				S		8.0										
	OSK	0	P		32	23.0																Wof
	NR	0	eP		32	24.2				eS		10.2										Honshu
	TKMT	0	eP		32	24.5				eS		10.9										
	MRTM	0	eP		32	25.3				eS		13.8										
	KMYM	0	e		32	48.-																
	NGY	0	e		33	00.-																
24	NGY	0	eP	09	12	46.0				eS		44.-										
	HKN	0	e		13	49.1																
	OSK	0	e		14	34.0																
25	MTYM	0	e	04	10	24.2																
25	SMT	II	iP	05	39	04.5	-6	+14	(+)	iS		3.0	350	100	64	0	0	0				
	KOB	III	iP		39	05.2	-6	-6	(+)	iS		4.6			180			0				

International Seismological Centre

Date	Station	S.I	Pha.	Time (J.S.T) h	m	S	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	S	Max. Amplitude Amp (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	S	Remarks
	HMJ	I	iP		39	06.5	+10			iS		4.8	230	250		–	–					播磨灘
	WKYM	I	iP		39	07.5	+8	-4	(-)	eS		4.0	170	190	50	–	–	–				Off S
	TKSM	II	iPN		39	09.4			(+)	S		17.6										coast
	OSK	II	iP		39	09.5			(-)	iS		8.3	110	62	43	0	0	0				of
	TKMT	I	iP		39	11.8	+4	+7	(-)	iS		9.8	55	610	54	1	1	0				W ef
	NR	II	iP		39	14.3	-8	-4	(-)	iS		10.9	720	500	200	0	0	0				Honshu
	TTR	I	iP		39	19.8				iS		14.8	50	58	13	1	1	1				
	OKYM	I	iP		39	15.1	-4	+12	(-)	iS		11.2	75	90	20	1	1	1				
	KYT	II	iP		39	15.5	(-)	(-)		iS		11.0	110	83		1	1					
	TRGS	0	P		39	16.4				eS		8.8										
	MIZR	0	eP		39	18.6	+4	+2	(+)	eS		12.3										34.5°N 134.8°E
	OWS	0	P		39	19.6				S		19.8										very shallow
	SMSK	0	eP		39	22.8	(-)			S		17.7										
	KMYM	0	eP		39	23.6				S		17.8										
	MRTM	0	eP		39	24.1				iS		20.7										
	HKN	0	iP		39	25.0	(-)	(-)	(+)	iS		17.4										
	YNG	0	iP		39	26.5	(-)	(+)		S		20.5										
	KOCH	0	P		39	27.2	-2			eS		16.7										
	NGY	0	P		39	31.5				S		25.2										
	NTE	0	e		39	31.7														i	21.8	
	MTYM	0	eP		39	33.8				S		24.0										
	HRSM	0	eP		39	34.8				eS		26.7										
	HMD	0	eP		39	43.9				eS		24.3								i	31.0	
	SIG	0	eP		39	45.-				S		24.-										
	SMZ	0	eP		39	47.4				eS		27.5										
25	WKYM	0	eP	10	16	08.3				eS		1.3	19			–						
	SMT	0	eP		16	10.9				iS		3.9										

International Seismological Centre

Date	Station	S.I	Pha.	Time (J.S.T.) h	m	S	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	S	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	S	Remarks
25	MTYM	0	e	13	07	41.3																
25	TRGS	0	eP	15	12	37.8																
25	WKYM	0	eP	23	35	20.1				eS		0.8										
26	NGY	0	P	00	48	49.7	-2	-2	(+)	S	1	4.3	750	620	90	3	3	3				
	WKYM	0	eP		48	52.7				eS	1	51.2	60	30		3	2					金華山沖
	HKN	0	iP		48	56.0	-1	-1	(+)	S	1	1.9	190	150	51	1	2	3				Off E
	KMYM	0	iP		48	59.4	+6	+8	(-)	S	1	6.8	300	240	130	4	4	4				coast
	KYT	0	P		49	01.1				S	1	17.4	190	110	110	4	5	4				of
	OWS	0	P		49	02.4																N of
	TTR	0	P		49	03.5				S	1	28.4										Honshu
	MIZR	0	eP		49	04.7		-2		eS	1	23.3										37.8°N
	NR	0	eP		49	12.4				eS	1	26.0	1200	570		1	1					143.0°E
	KOB	0	eP		49	12.7				eS	1	36.6										h=40Km
	SMSK	0	eP		49	13.0				eS	1	27.5	72	80	65	4	3	4				
	SMT	0	eP		49	14.0				S	1	38.9	64	45	43	5	5	4				
	OSK	0	eP		49	14.-				eS	1	25.-	500	400	170	5	5	3				
	HMJ	0	eP		49	17.1				S	1	29.6										
	MRTM	0	eP		49	19.6													e	2	15.1	
	TKMT	0	eP		49	24.8				eS	1	45.2										
	SIG	0	eP		49	24.-				S	1	31.-										
	OKYM	0	P		49	25.6				eS	1	32.4										
	YNG	0	P		49	26.4				eS	1	30.7										
	MTE	0	e		49	28.5													i	1	36.3	
	TKSM	0	eP_N		49	28.9																
	KOCH	0	eP		49	41.0				eS	1	42.4	87	85	140	10	11	12				
	HMD	0	eP		49	43.0				eS	1	39.5										
	MTYM	0	eP		49	45.8				S	1	54.5										

Date	Station	S.I	Pha.	Time (J.S.T.) h	m	S	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	S	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha m	S	Remarks
	HRSM	0	eP		49	50.4																
	SMZ	0	eP		50	26.8				S	1	54.2										
26	NGY	0	eP	04	51	21.–				S	1	1.1										鎧山沖
	HKN	0	eP		51	26.5				eS	1	14.4										Off E
	KYT	0	P		51	35.0				S	1	23.0										coast
	TTR	0	e		51	35.5																of
	N R	0	e		51	48.4																N of
	KMYM	0	eP		51	54.9				eS	1	9.4										Honshu
	OSK	0	e		51	55.–																
	SMT	0	e		52	51.7													e	1	13.9	
26	MTYM	0	e	22	36	33.5																
27	WKYM	0	eP	01	01	36.1				eS		0.6										
27	WKYM	0	eP	02	30	21.3				eS		0.5										
27	SMT	0	i	05	42	12.2																
27	WKYM	0	eP	19	00	21.9				eS		1.0										
28	NGY	0	iP	01	59	56.4	–1	+1	(–)	iS		5.2										
	KMYM	0	eP		59	58.3				S		7.0										
	HKN	0	eP	02	00	03.3				iS		9.1										
	NR	0	eP		00	06.9				eS		12.8										
28	WKYM	0	eP	07	42	06.0				eS		0.5										
28	NGY	0	eP	10	17	25.–				eS		15.–										
28	NGY	0	eP	14	55	54.–				eS		25.–										
	KYT	0	S		56	38.2																
28	NGY	0	eP	15	29	57.–				eS		47.–										
	KYT	0	S		31	28.0												1				
29	WKYM	0	eP	02	12	28.1				eS		1.0										
29	WKYM	0	eP	15	58	33.1				eS		1.0	22	52		–	–					

Date	Station	S.I	Pha.	Time (J.S.T.) h m S	Initial Motion (μ) N E Z	Pha.	P~Pha. m S	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m S	Remarks
29	NGY	0	eP	20 10 24.-								
29	SMT	0	i	23 46 14.3								
30	KMYM	0	eP	05 43 32.1		S	2.0					
30	NGY	0	P	11 27 41.1	-3 -7 (+)	eS	55.-	900 320 160	3 3 4			
	HKN	0	iP	27 47.9	(-) (-) (+)	iS	1 4.7	230 140 100	6 4 7			宮城県
	KMYM	0	iP	27 48.6	-5 -7 (+)	S	1 4.9	270 440 100	4 5 3			北部
	KYT	0	eP	27 51.0		iS	1 9.0	170 150 190	7 5 5			N of
	MIZR	0	eP	27 51.3		eS	1 8.0					Honshu
	NR	0	iP	27 56.0	+4 +6 (+)	iS	1 38.7	1500	1			
	OWS	0	iP	27 56.4	(-) (-) (+)	S	1 26.5	66 82 104	5 5 5			
	OSK	0	P	27 57.3	(+)	S	1 13.9	700 900 200	5 5 4			
	KOB	0	eP	28 00.7		eS	1 14.3					38.6°N
	YNG	0	eP	28 09.6		eS	1 25.9					140.6°E
	SMT	0	iP	28 05.0		iS	1 18.5	59 63 45	6 5 5			h=20Km
	SMSK	0	eP	28 05.1		eS	1 16.1	160 110 64	5 4 5			
	HMJ	0	eP	28 05.1		eS	1 18.2					
	WKYM	0	eP	28 06.8						e	1 16.4	
	TTR	0	P	28 02.5		S	1 26.8					
	OKYM	0	P	28 11.7		S	1 22.0					
	TKMT	0	P	28 12.5	(-) (-) (+)	iS	1 26.0	45 31 16	4 5 6			
	SIC	0	eP	28 13.-		S	1 25.-					
	TKSM	0	iPN	28 13.8								
	MTE	0	e	28 14.3						i	1 35.0	
	TRGS	0	P	28 16.4		S	2 6.8					
	MRTM	0	eP	28 20.8		eS	1 27.3	87 74	4 4	e	2 10.2	
	KOCH	0	P	28 24.2	(-) (+)	S	1 33.3	210 130 160	9 7 9			
	HMD	0	eP	28 27.1		eS	1 32.2					

Date	Station	S.I	Pha.	Time (J.S.T.) h m S	Initial Motion (μ) N E Z	Pha.	P~Pha. m S	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m S	Remarks
	HRSM	0	P	28 28.3	-2 -2 (+)	eS	1 33.2	41 47 37	7 8 8			
	MTYM	0	iP	28 29.4	(-) (-)	S	1 35.0			L	2 19.5	
	SMZ	0	P	28 35.2		S	1 42.0					
30	NGY	0	eP	16 56 51.-		eS	55.-					
	KYT	0	P	57 01.9		S	1 4.4					
	KMYM	0	e	57 40.-								
	HKN	0	eP	57 57.1								
	OSK	0	e	58 17.-								
30	NGY	0	eP	18 48 48.-								
	KYT	0	e	48 51.2								
	HKN	0	eP	48 54.0								
	OSK	0	e	48 59.-								
30	NGY	0	eP	23 24 15.-		eS	58.-					
	HKN	0	eP	25 31.4								
	KMYM	0	e	25 34.-								
	OSK	0	e	26 05.-								

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

International Seismological Centre

３７年４月

Date	Station		Prefecture	S.I.	Time (J.S.T.) h m	Character of tremor	Earth-quake sound	Duration of tremor
4	Ryujin	龍　神	Wakayama	II	20 20	R		S
6	Kurisugawa	栗栖川	〃	I	20 14	R		S
8	Ikuno-minami	生野南	Hyogo	II	21 32	SL		S
12	Yahata	八　幡	Wakayama	II	10 45	R		S
14	Kurisugawa	栗栖川	〃	I	07 50	R		S
17	Yahata	八　幡	〃	II	20 50	R		S
20	Irokawa	色　川	〃	II	06 20	R		S
23	Shigaku	志　学	Shimane	II	04 05	SL		VS
	Mihara	三　原	Hiroshima	III	04 16	R		S
	Kasaoka	笠岡	Okayama	III	16	R		S
	Kitakijima	北木島	〃	III	16	R		L
	Uwamachi	宇和町	Ehime	II	16	R		S
	Syobara	庄　原	Hiroshima	III	17	R		S
	Toycsaka	豊　栄	〃	III	17	R		L
	Kochi	河　内	〃	III	17	R		S
	Matsunaga	松　永	〃	III	17	R		S
	Kurashiki	倉　敷	Okayama	II	16	SL		S
	Takahashi	高　梁	〃	II	16	SL		S
	Toyono	豊　野	〃	II	16	SL		VS
	Yakake	矢　掛	〃	II	16	R		S
	Susai	周　匝	〃	II	17	R		S
	Kuze	久　世	〃	II	17	SL		S
	Neu	根　雨	Tottori	II	17	R		S
	Kurosaka	黒　坂	〃	II	17	SL		VS
	Toyohama	豊　浜	Kagawa	II	17	R		S

Date	Station		Prefecture	S.I.	Time (J.S.T.) h	m	Character of tremor	Earth-quake sound	Duration of tremor
	Osumihana	大角鼻	Kagawa	II		17	R		S
	Misho	御荘	Ehime	II		17	VR		VS
	Hashihama	波止浜	〃	II		17	SL		S
	Saijyo	西条	〃	II		17	SL		L
	Kure	呉	Hiroshima	II		17	R		L
	Otake	大竹	〃	II		17	SL		S
	Mitsugi	御調	〃	II		17	SL		L
	Hatsukaichi	廿日市	〃	II		17	R		S
	Yuki	油木	〃	II		17	R		S
	Nagahama	長浜	Ehime	I		17	SL		VS
	Kawakami	川上	〃	I		17	SL		VS
	Tamano	玉野	OKayama	I		17	R		S
	Tadotsu	多度津	Kagawa	I		17	R		S
	Naruto	鳴門	Tokushima	I		17	VR		
	Kurahashi	倉橋	Hiroshima	I		17	R		S
	Kakei	加計	〃	I		17	SL		L
25	Shitsuki	志筑	Hyogo	III	05	39	R		VS
	Osumihana	大角鼻	Kagawa	III		39	R		L
	Kaminogo	上之郷	Osaka	III		40	R		S
	Tojima	富島	Hyogo	III		40	VR		L
	Shioe	塩江	Kagawa	III		40	R		VS
	Kishiwada	岸和田	Osaka	II		39	R		S
	Tenno	天王	〃	II		39	R		S
	Akashi	明石	Hyogo	II		38	R		S
	Sueno	末野	〃	II		38	R		S
	Kamigori	上郡	〃	II		40	SL		S
	Ichi	市	〃	II		40	SL		S

International Seismological Centre

Date	Station		Prefecture	S.I.	Time (J.S.T.) h m	Character of tremor	Earth-quake Sound	Duration of tremor
	Nishiwaki	西脇	Hyogo	II	39	R		S
	Kameoka	亀岡	Kyoto	II	40	R		VS
	Naruto	鳴門	Tokushima	II	39	R		S
	Hiwasa	日和佐	〃	II	40	SL		S
	Hiki	日置	Wakayama	I	40	SL		VS
	Tadotsu	多度津	Kagawa	I	40	R		S
	Hikita	引田	〃	I	38	R		S
	Tonosho	土庄	〃	I	38	SL		S
	Kasaoka	笠岡	Okayama	I	39	SL		S
	Nagashima	長島	〃	I	39	VR		VS
	Kitakijima	北木島	〃	I	39	SL		S
	Yakake	矢掛	〃	I	39	SL		VS
	Kurashiki	倉敷	〃	I	39	SL		S
	Takahashi	高梁	〃	I	39	SL		S
	Susai	周匝	〃	I	39	VR		VS
	Fukuwatari	福渡	〃	I	39	R		VS
	Tsuyama	津山	〃	I	39	R		S
	Kuze	久世	〃	I	39	R		S
	Tamano	玉野	〃	I	39	R		S
	Kinosaki	城崎	Hyogo	I	40	SL		L
	Ayabe	綾部	Kyoto	I	40	R		S
	Oyama	尾山	Nara	I	40	R		S
	Ichiba	市場	Tokushima	I	40	SL		VS
	Yuki	油木	Hiroshima	I	39	SL		S

Remarks

VR: Very rapid (極急)　　VS: very short (極急)

R: rapid (急)　　S: short (急)

SL: slow (緩)　　L: long (緩)

International
Seismological
Centre

大阪管区

地震月報

昭和37年5月

THE MONTHLY REPORT OF EARTHQUAKES

May 1962

大阪管区気象台

The Osaka

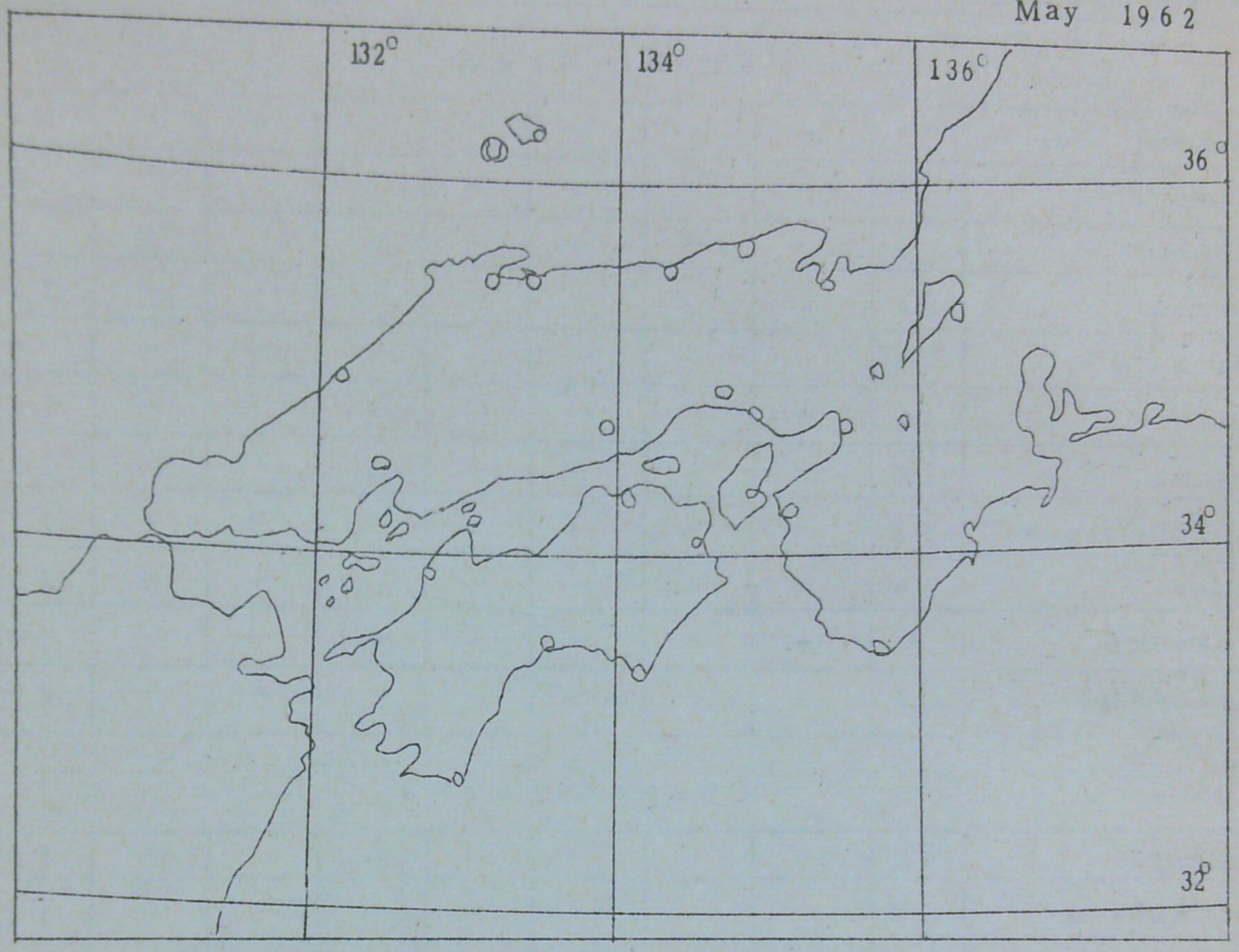
District Meteorological Observatory

Japan

International Seismological Centre

Epicenter of the major felt earthquakes, in West of Hónshu. Sikoku

May 1962



May 1962

No	Date	Origin Time (J.S.T)	Epicenter				Max. S.I.
			Location	Lat.	Long.	Depth.	
		h m		°N	°E	Km	
	5	20 11	三宅島附近 Off S coast of Central Honshu	34.0	139.3	40	

International Seismological Centre

Number of earthquakes

May 1962

Station \ S.I.	O	I	II	III	IV	V	VI	VII	Total
Kinki area									
Hikone	41	—	—	—	—	—	—	—	41
Himeji	4	—	—	—	—	—	—	—	4
Kobe	9	—	—	—	—	—	—	—	9
Kyoto	52	—	—	—	—	—	—	—	52
Maizuru	9	—	—	—	—	—	—	—	9
Nara	16	—	—	—	—	—	—	—	16
Osaka	28	—	—	—	—	—	—	—	28
Shionomisaki	12	—	—	—	—	—	—	—	12
Sumoto	26	—	—	—	—	—	—	—	26
Toyooka	—	—	—	—	—	—	—	—	—
Wakayama	17	2	—	—	—	—	—	—	19
Chugoku area									
Hamada	12	—	—	—	—	—	—	—	12
Hiroshima	14	—	—	—	—	—	—	—	14
Matsue	13	—	—	—	—	—	—	—	13
Okayama	4	—	—	—	—	—	—	—	4
Saigo	8	—	—	—	—	—	—	—	8
Tottori	14	—	—	—	—	—	—	—	14
Yonago	8	—	—	—	—	—	—	—	8
Shikoku area									
Kochi	24	—	—	—	—	—	—	—	24
Matsuyama	21	—	—	—	—	—	—	—	21
Murotomisaki	10	—	—	—	—	—	—	—	10
Shimizu	23	—	—	—	—	—	—	—	23
Takamatsu	25	—	—	—	—	—	—	—	25
Tokushima	9	—	—	—	—	—	—	—	9
Tsurugisan	2	—	—	—	—	—	—	—	2
Uwajima	—	—	—	—	—	—	—	—	—

International Seismological Centre

Remarks

HMD : Hamada
HKN : Hikone
HMT : Himeji
HRSM: Hiroshima
KOCH: Kochi
KOB : Kobe
KYT : Kyoto
MIZR: Mizuru
MTE : Matsue
MTYM: Matsuyama
MRTM : murotomisaki
NR : Nara
OKYM : Okayama
OSK : Osaka
SIG : Saigo
SMZ : Shimizu
SMSK : Shiomisaki
SMT : Sumoto
TKMT : Takamatsu
TKSM : Tokushima
TTR : Tottori
TYOK: Toyooka
TRGS: Tsurugisan
UWJM: Uwajima
WKYM: Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM: Kameyama

Date	Station	Sl.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp(μ) N E Z	Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
1	NGY	0	ep	01 27 55.–								
	KMYM	0	e	28 09.–								
	OSK	0	e	28 21.–								
1	NGY	0	ep	05 42 57.–		es	58.					
	KMYM	0	e	44 20.–								
	OSK	0	e	46 03.–								
1	SMT	0	i	07 02 33.5								
1	NGY	0	ep	07 42 55.–		es	59.					宮城県北部 38.8°N 141.0°E h=20km
	KMYM	0	e	43 19.–								
	OSK	0	e	44 26.–								
1	WKYM	0	ep	15 31 5 48		es	08					
	SMT	0	ep	31 58 2		is	27					
2	HKN	0	ep	05 24 46 4								宮城県北部 38.6°N 141.1°E h=10km
	NGY	0	ep	24 52.–		es	1 0.–					
	OSK	0	e	26 27.–								
2	NGY	0	ep	20 02 39.–		es	24.					
	HKN	0	ep	03 18 6								
3	WKYM	0	ep	01 08 33 4		es	22					
3	SMZ	0	ep	04 36 22 9						e	350	
	MTYM	0	ep	36 34 4		es	29 5					

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	KOCH	0	e		36	54.9													e		20.9	
	HRSM	0	e		37	00.9																
	TKMT	0	ep		37	27.—																
3	NGY	0	ep	11	39	51.—				es	2	51.—										釧路沖
	HKN	0	ep		40	17.1																42.6°N
	KYT	0	ep	1	40	23.8													e		30.2	145.0°E h=40 km
3	SMT	0	i	14	15	44.5																
3	TTR	0	ep	23	17	20.7				es		15										
4	OKYM	0	ep	14	22	41.2				es		5.0										
4	HKN	0	ep	15	57	50.9				es		7.5										
5	WKYM	I	ep	03	54	23.9				es		0.7		26			—					
	SMT	0	ip		54	26.3				is		29										
5	NGY	0	ep	08	42	47.—				es		58.—										
5	OWS	0	ip	20	12	14.0				s		26.3										
	NGY	0	p		12	21.2	−11	+12	(−)	es		29.5	190	130	67	3	3	3				
	KMYM	0	p		12	25.4	−2	+6	(−)	s		29.9	310	150		4	4					
	HKN	0	p		12	30.5	−7	+11	(−)	es		30.5	150	110	43	4	1	14				
	NR	0	ip		12	33.8	+2	−5	(−)	is		36.0										
	KYT	0	ip		12	34.3	(−)	(+)	(−)	is		36.1	160	99	74	4	5	6				三宅島
	SMSK	0	ep		12	34.5				s		33.6										附近
	OSK	0	ep		12	35.4			(−)	s		36.4	410	280	100	6	5	3				Off S coast of Honshu
	KOB	0	ep		12	39.9				es		39.6										
	MIZR	0	ep		12	41.1				es		41.3										
	WKYM	0	ep		12	41.2				es		41.3										
	SMT	0	ip		12	41.4				is		41.5										34.0°N
	TKSM	0	ip		12	47.0				is		47.0										139.3°E
	HMJ	0	p		12	49.4				s		43.6										h=40km
	OKYM	0	ip		12	52.7	(−)	(−)		s		47.6										
	TKMT	0	ep		12	52.9				es		47.2										
	TTR	0	p		12	53.1				s	1	3.3										
	MRTM	0	ep		12	56.3				es		45.7										
	KOCH	0	ep		13	00.2				es		53.1	120	76	57	12	10	12				

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	YNG	0	ep	13	02	4				es	1	9.7										
	SMZ	0	ep	13	08	5													e		54.9	
	MTYM	0	ep	13	09	6				es	1	10.0										
	HRSM	0	ep	13	11	8				es	1	0.9										
	MTE	0	e	13	15	3													i	1	13.8	
	SIG	0	ep	13	15	—				es	1	17.										
	HMD	0	ep	13	16	9				es	1	7.1										
5	NGY	0	ep	20	52	13																
	HKN	0	ep		52	25.4																
	KYT	0	s		52	56.3																
5	NGY	0	ep	21	43	50				es		26.										
	HKN	0	ep		44	03.7																
	KYT	0	s		44	31.7																
5	NGY	0	ep	22	18	42																
	HKN	0	ep		19	24.4																
	KYT	0	s		19	29.0																
5	NGY	0	ep	23	00	10																
6	NGY	0	ep	01	43	37.5				is		28.2										
	HKN	0	p		43	40.2				is		27.9										
	KMYM	0	p		43	41.0		(+)		s		28.9										
	KYT	0	ep		43	41.3				es		29.4										能戸沖
	NR	0	ep		43	43.1				es		31.5										Off
	OSK	0	ip		43	44.3			(+)	is		33.5										N
	SMT	0	ip		43	48.5				is		36.8										coast
	TTR	0	e		43	51.8						.										of
	SMSK	0	p		43	52.0				s		38.5										Central
	TKSM	0	ip		43	53.6		(+)														Honshu
	TKMT	0	ep		43	55.1				es		41.2										
	KOCH	0	p		44	03.3				s		48.2										
	MTYM	0	ep		44	07.8				es		51.0										
6	WKYM	0	ep	02	53	27.5				es		0.5										
	SMT	0	i		53	36.0																

Date	Station	Sl.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
6	NGY	0	ep	08	41	32.				es		23										
	SMT	0	e		41	36.1																
	HKN	0	e		41	42.3				es		41.8										
	KYT	0	p		41	45.8				s		41.3										
6	NGY	0	ep	08	50	26.–				es		28.										
	HKN	0	ep		50	46.1																
	KYT	0	p		50	47.1				s		37.6										
6	NGY	0	ep	08	58	32.–																
	HKN	0	ep		59	07.9																
6	NGY	0	ep	09	40	00.–																
	HKN	0	ep		40	23.1																
	KYT	0	p		40	36.4				s		48.9										
	KMYM	0	e		41	45.–																
6	OWS	I	ip	16	51	02.8	(+)	(–)		s		48	12	16		–	–					
	NR	0	e		51	07.1																
	NGY	0	ep		51	10.–																
	KMYM	0	ep		51	11.6				es		11.3										
	HKN	0	ep		51	30.4																
	KYT	0	s		51	31.6																
6	NGY	0	ep	17	15	37.–																
7	SMT	0	ep	01	09	33.3				is		5.7										
	WKYM	0	e		09	36.3				es		0.5										
7	MTYM	0	e	04	19	50.6																
	HRSM	0	ep		19	58.–																
	SMZ	0	ep		20	00.8													e	5	9.6	
	NGY	0	ep		20	02.–																
	KMYM	0	ep		20	03.6													e	2	38.1	
	MRTM	0	ep		20	08.0																
	SMT	0	e		20	09.3													L	28	20.5	
	KYT	0	p		20	09.8																
	OSK	0	ep		20	10.–													e	4	20.5	
	KOCH	0	ep		20	10.8																

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	HKN	0	ep	20 14.1								
	SMSK	0	e	20 15.4								
	OWS	0	ep	20 23.2								
8	NGY	0	ep	02 42 46.6		es	2 26.—					
	HKN	0	p	42 46.6		s	2 46.1					
	KMYM	0	p	42 55.4		es	2 38.9	71	13			
	KYT	0	ep	42 58.4						e	1 58.—	千島
	MIZR	0	ep	42 59.8						e	3 50.6	南部
	OSK	0	ep	43 02.9		es	2 42.—	70 96 15	6 12 14			
	OWS	0	ep	43 03.0						e	3 14.7	Kurile
	SIG	0	ep	43 07.—		s	2 41.—					Is.
	KOB	0	ep	43 07.7						e	3 43.1	44.8°N
	TTR	0	e	43 07.5								148.4°E
	SMT	0	p	43 11.9		s	3 9.3	32 59 28	14 13 14			h=40 Km
	NR	0	e	43 10.4								
	YNG	0	ep	43 14.6		es	2 37.6					
	MTE	0	e	43 15.4								
	WKYM	0	e	43 16.5								
	TKSM	0	p	43 18.9								
	TKMT	0	ep	43 15.9		es	3 30.1	21 29 6	12 13 13			
	SMSK	0	ep	43 20.7		es	2 46.6					
	HMD	0	ep	43 23.0		es	3 0.0			L	3 54.5	
	HRSM	0	ep	43 27.3		es	3 10.8					
	KOCH	0	ep	43 29.6		es	3 4.7			L	4 13.0	
	MRTM	0	ep	43 30.0		es	3 10.1			e	4 43.0	
	MTYM	0	ep	43 31.4		es	3 15.0					
	SMZ	0	ep	43 37.7		is	3 22.0					
8	HKN	0	ep	14 03 13.2		s	4 32					
	NGY	0	ep	03 13.—						e	1 50.—	
	KYT	0	p	03 17.4		s	4 0.6					
	TKMT	0	ep	03 19.—		es	4 4.—					
	OSK	0	e	03 20.—		es	2 9.—					

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
8	NGY	0	ep	16	11	22.–				es		38.										
	KYT	0	s		12	07.2																
	KMYM	0	e		12	09.–																
8	TKMT	0	e	16	57	45.4																
9	WKYM	0	ep	00	24	48.6				es		1.7										
10	SMZ	0	ep	03	20	16.7													j	2	31.9	
	MTYM	0	ep		21	21.9				es	1	16.0										
	HKN	0	ep		21	59.8																
	KOCH	0	e		22	11.9													e		43.5	
	SMT	0	e		23	39.0																
	OSK	0	e		24	26.–																
10	KOCH	0	ip	04	46	09.2				is		05	34	20	18	0	0	0				
10	KYT	0	s	08	23	04.9																
10	NGY	0	ep	13	40	11.–																
10	NGY	0	ep	14	19	56.–																
	KYT	0	s		20	01.5																
	OSK	0	ep		20	06.5													e	5	53.–	
	KMYM	0	e		20	14.9																
10	TTR	0	ep	15	10	14.9													i		27.4	
10	KYT	0	ip	22	20	33.0				is		56										
10	KYT	0	s	22	34	27.9																
10	KMYM	0	e	23	27	10.–																
	NGY	0	ep		27	21.7				es		20.–										
	HKN	0	ep		27	22.9				es		32.0										
	KYT	0	p		27	33.1				s		26.6										
	OSK	0	e		27	58.–																
	TKMT	0	e		28	08.–																
11	HKN	0	p	00	10	13.6				is		19.3										
	MIZR	0	ep		10	14.1	–2	–2	(+)	es		18.4										
	NGY	0	p		10	15.9	–2	–1	(+)	s		22.5	49	66		1	1					
	KYT	0	p		10	18.6				s		25.4										
	KMYM	0	p		10	22.4	–2			s		22.6										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max Amplitude Amp.(μ) N E Z	Max Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	NR	0	ep	10 25 7		es	28 4					
	OSK	0	ep	10 28.1		es	27 8					
	SMT	0	ep	10 36.1		is	3 48					
	OWS	0	p	10 36 3		s	33 8					石川
	HMJ	0	p	10 36 4		s	28 4					富山
	SIG	0	e	10 36—								県境
	WKYM	0	ep	10 37 8		es	34 4					Central Honshu
	SMSK	0	ep	10 42 6		es	39 4					
	TKMT	0	ep	10 43 4		s	41 5					36.4°N
	MTE	0	e	10 46 9								136.8°E
	TKSM	0	ep	10 49 6								h=10 km
	KOCH	0	ep	11 00 9		s	50 2					
	MTYM	0	ep	11 02 1		es	49 0					
	MRTM	0	ep	11 06 7						e	42 9	
	SMZ	0	ep	11 19 6		s	1 1 1					
11	KYT	0	ip	01 24 27 9		is	3 1					
11	NGY	0	ep	22 00 07—								
11	KYT	0	p	23 29 34 0						L	31 19.1	
	KMYM	0	e	30 35.								
	OSK	0	e	30 52.								Acaqu—
	SMSK	0	e	31 01 3								lco
	OWS	0	e	36 13 9								
	HRSM	0	e	40 21.						L	26 18.	16.5°N
	KOCH	0	e	40 30 0						e	25 59 4	98.5°W
	TKMT	0	PkP	46 34.								
	SMT	0	e	03 17 7								
	HKN	0	L	09 17 3								
	HMD	0	e	09 52 1								
	MTE	0	e	18 40 6								
	SMZ	0	e	22 13 6								
12	KYT	0	p	09 44 37 8		s	2 2 1					
	NGY	0	ep	44 54—								

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	HKN	0	ep		44	59.6																
	KMYM	0	e		46	31.–																
13	WKYM	0	ep	20	30	34.7				S		04										
13	NGY	0	ep	21	10	14.–				es		27.–										
	KMYM	0	ep		10	21.4				es		23.7										
	HKN	0	ep		10	26.0				es		30.7										
	KYT	0	p		10	30.7				s		29.9										
14	OSK	0	e	03	37	09.–																
14	NGY	0	ep	03	50	21.–				es	1	1.–										宮城県北部 38.7°N 141.1°E h=40km
	KMYM	0	e		50	22.3																
	KYT	0	p		50	38.–				s	1	29.9										
14	MTYM	0	ep	19	52	08.4				es		49.5										
	TKMT	0	e		53	10.–																
14	NGY	0	ep	20	07	52.–				es	1	25.–										
	OSK	0	e		08	15.–																
15	NGY	0	ep	00	19	50.7				es		32.7										筑波山附近 Central Honshu 36.2°N 140.1°E h=80km
	HKN	0	ep		19	56.2				es		41.7										
	KMYM	0	ep		20	03.3				es		35.9										
	KYT	0	p		20	03.3				s		55.2										
	NR	0	e		20	07.6																
	OSK	0	e		20	23.–																
15	HKN	0	ep	06	07	44.6				es		50.8										
	NGY	0	ep		07	48.3				es		43.5										
	KYT	0	p		07	58.2				s		54.4										
15	NGY	0	ep	12	35	40.–				es		52.–										茨城県沖 36.6°N 142.0°E h=60km
	HKN	0	ep		35	56.2																
	KYT	0	p		36	08.2				s	1	0.1										
	KMYM	0	e		36	15.–																
15	SMZ	0	ep	14	31	22.4				is	6	17.7							e	11	12.4	
	SMSK	0	ep		31	28.1													e	5	47.6	
	MRTM	0	ep		31	28.9				e	6	17.1							e	1	52.1	
	KOCH	0	ep		31	30.1				es	6	0.2	340	150	490	23	23	26	pp	1	47.9	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha m	s	Max.Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OWS	0	ep	31	30.1					s	6	14.1										
	MTYM	0	ep	31	32.7														e	5	57.5	
	HRSM	0	ep	31	35.3					s	6	10.7										
	TRGS	0	p	31	35.7														e		10.4	Banda
	SMT	0	p	31	36.3					s	6	28.7							L	17	03	Sea
	TKSM	0	ePn	31	36.3														e		19.5	5°S
	TKMT	0	ep	31	36.7					es	6	56.—										130°E
	WKYM	0	ep	31	37.9														e	3	1.8	
	HMD	0	ep	31	40.9					es	6	22.6							i	9	37.1	
	OSK	0	ep	31	41.6					es	6	12.—	68	87		5	5					
	NR	0	i	31	41.8	−4	−2	(−)														
	YNG	0	ep	31	43.1														e		25.5	
	KOB	0	ep	31	43.3					es	6	27.8										
	TTR	0	e	31	41.8																	
	KYT	0	ep	31	45.2					es	6	24.8										
	KMYM	0	p	31	45.4	+4		(+)		s	6	28.7										
	NGY	0	ep	31	47.—	+1	+1	(+)		es	6	30.—							L	9	15.—	
	HKN	0	ep	31	49.3					s	6	29.6										
	MTE	0	e	31	50.8																	
	MIZR	0	e	31	53.4														e	7	24.1	
	SIG	0	ep	31	54.—					es	6	29.										
15	KYT	0	s	15	51	05.3																
15	KYT	0	p	20	34	19.3				s		1.7										
16	KYT	0	s	13	23	47.3																
17	NGY	0	e	02	36	30.—																
17	KYT	0	s	03	27	11.4																
17	NGY	0	ep	23	37	15.2																
	KMYM	0	ep		37	26.8				s		24.4										
	HKN	0	ep		37	28.7				s		24.2										
	KYT	0	p		37	31.3				s		32.7										
	NR	0	ep		37	38.7				es		30.0										
	OSK	0	e		37	42.—																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
18	KOCH	0	ep	09	03	46.0				es		32										
18	NGY	0	ep	20	59	04.7				es		28.6										
	KYT	0	p		59	14.0				s		43.7										東京都
	HKN	0	p		59	14.1				s		37.0										埼玉県境
	KMYM	0	e		59	47.—																35.8°N 139.5°E h=105 Km
18	SMZ	0	ep	23	21	30.4													i		11.0	
	MTYM	0	ep		21	38.0				es		52.5										
	KOCH	0	ep		21	59.9				es		35.0										
	TKMT	0	ep		22	02.6				es		59.—										
	MRTM	0	e		22	04.8																
	HMD	0	ep		22	06.5				es		41.7										
	KYT	0	p		22	10.8													e	1	41.7	
	HKN	0	ep		22	13.3																
	TKSM	0	ePn		22	27.3																
	SMT	0	e		22	35.8																
	NGY	0	ep		22	47.—																
	MTE	0	e		22	54.3																
	KMYM	0	e		23	17.—																
	OSK	0	e		23	20.—																
19	SMZ	0	ep	14	05	43.7				is	2	57.6										
19	SMZ	0	ep	14	12	27.1				es		23.2										
19	NGY	0	e	00	14	30.—																
	KMYM	0	e		16	04.—													e	15	56.	
	KYT	0	ep		16	49.8													L	35	50.4	
	OSK	0	ep		16	53.—																
	KOCH	0	e		17	10.9													e	6	17	
	OWS	0	ep		24	23.4																
	TKMT	0	ep		24	23.—																
	KOB	0	e		26	27.—																
	SMT	0	e		49	35.2																
	HRSM	0	e		51	—																
	HMD	0	e		57	24.9																

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMZ	0	e	01 05 17.8								
20	MTYM	0	ep	01 26 54.1		es	16.5					
	DKYM	0	p	27 15.4		is	10.6					
20	NGY	0	e	04 33 57.–								
20	NGY	0	ep	09 10 20.–		es	10.–					
20	WKYM	0	ep	17 19 53.0		es	1.1					
21	HKN	0	ep	10 58 14.2								
21	SMT	0	ep	12 57 23.3		s	4.0					
21	SMZ	0	ep	13 36 37.3		is	14.1					
21	MTYM	0	ep	19 29 26.3		is	8.0					
	HRSM	0	ep	29 30.2		s	10.0					
	KOCH	0	ep	29 35.9		es	11.9					
	SMZ	0	ep	29 49.3		s	3.9					
	TKMT	0	ep	30 01.2		es	5.0					
	TKSM	0	e i n	30 13.5								
21	HRSM	0	e	21 08 45.8								
	MTE	0	e	08 45.9								
	MTYM	0	e	08 56.9						L	10 41.0	青海 E of Tibet 35°N 97°E
	YNG	0	ep	09 01.3								
	SMZ	0	ep	09 03.4						e	9 43.6	
	MRTM	0	ep	09 05.0						e	10 32.2	
	SIG	0	e	09 05.–								
	KOCH	0	ep	09 06.1		es	5 4.3	200 130 160	15 15 13	L	7 25.2	
	SMT	0	ep	09 15.6		es	5 10.4					
	KOB	0	ep	09 16.7						e	9 10.5	
	KYT	0	ep	09 17.2	(–) (+)	es	5 13.2					
	OSK	0	ep	09 18.4		es	5 34.–			L	10 27.–	
	TKSM	0	e Pe	09 19.1								
	HKN	0	ep	09 23.0		es	5 19.1					
	OWS	0	ep	09 24.6								
	KMYM	0	p	09 25.6	+1 –1 (+)	es	5 24.3					
	SMSK	0	ep	09 25.9						e	10 38.3	

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	WKYM	0	ep	09:27.0						e	12 10	
	NGY	0	ep	09:29.–								
	TKMT	0	ep	09:49.–						e	4 32–	
	TTR	0	e	18:24.–								
	MIZR	0	e	19:47.7								
	NR	0	e	23:41.1								
	HMD	0	es	13:43.6		s				L	4 25.9	
21	HKN	0	ep	21 23:16.6								
	NGY	0	ep	23:17.–		es	1 41.–					沖縄沖
	KYT	0	e	23:31.9								Off S Coast of Hokkaido
	OSK	0	e	23:37.–								
	SIG	0	e	23:37.–								
	TKMT	0	e	23:45.–								41.8°N
	MTE	0	e	23:48.6								142.8°E
	YNG	0	es	23:49.5								h=40km
	MIZR	0	e	23:56.8								
22	NGY	0	ep	04 26:04.–						i		
	HKN	0	ep	26:23.5								
22	NR	0	i	05 52:05.8	+4 +4							
	KYT	0	s	52:13.4								
22	SMSK	0	ep	06 26:01.9		s	8 39.6			i	29 44.–	
	NGY	0	ep	26:05.–		es	8 43.–					Fiji Is,
	NR	0	e	26:08.2								
	OSK	0	p	26:08.3		s	8 48.–					18.5°S
	KYT	0	ep	26:08.7						e	5 26.9	178.0°W
	KMYM	0	p	26:08.7	–1 +1 (–)	es	8 41.8					h=350 km
	MRTM	0	ep	26:08.9		e	8 43.8					
	OWS	0	p	26:10.0		s	8 35.1					
	HKN	0	p	26:11.4		es	8 44.8					
	SMZ	0	p	26:11.9		es	8 43.6					
	KOCH	0	p	26:12.1	(+) (–)	es	8 37.6			e	2 21.5	
	KOB	0	ep	26:12.3		es	8 50.6					

Date	Station	S. I	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P–Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha	P–Pha. m	s	Remarks
	SMT	0	ep		26	12.8				s	8	42.4										
	WKYM	0	ep		26	13.0													e	1	29.3	
	TKMT	0	ep		26	14.6													e	8	43.4	
	TKSM	0	ip		26	15.4				es	8	39.–										
	HRSM	0	ep		26	18.6																
	MTYM	0	ep		26	20.8													e	8	56.0	
	YNG	0	ep		26	20.9				es	8	57.6										
	MTE	0	e		26	22.																
	TTR	0	e		26	24.5																
	HMD	0	ep		26	29.0				es	8	53.5							L	19	39.7	
	SIG	0	e		26	29.–																
22	MTYM	0	ep	13	00	53.5													e		20.5	
	KOCH	0	ep		01	06.4													e		8.1	
22	SMZ	0	ip	13	00	46.7	(+)	(+)		is	7	12.3										
	HRSM	0	e		01	22.5																
22	SMSK	0	ep	17	15	52.0				es	7	27.5										
	OWS	0	ip		15	53.4																S ant
	NGY	0	ep		15	57.0	+3	(–)	(+)	es	7	31.–										crutz
	KYT	0	ep		15	57.4				es	7	36.3										IS,
	KMYM	0	p		15	57.9	+2	–2	(+)	es	7	33.2										11°S
	SMZ	0	p		15	58.0													i	7	32.1	165°E
	OSK	0	p		15	59.6				s	7	34.–										
	SMT	0	e		16	00.5																
	NR	0	e		16	00.7																
	HKN	0	ep		16	00.9																
	KOCH	0	p		16	01.3	(+)	(–)		es	7	35.8										
	KOB	0	ep		16	02.6																
	MTYM	0	e		16	07.0																
	MTE	0	e		16	13.4																
	TTR	0	e		16	13.8																
	HMD	0	ep		16	15.0				es	7	45.7										
22	NGY	0	ep	19	39	17.–																

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
23	OWS	0	ep	07 10 50.5	−							
24	TTR	0	p	09 44 1 08		es	164					
24	KYT	0	s	11 29 376								
24	TKMT	0	s	16 52 574								
25	NGY	0	ep	00 58 58.−		es	44.−					
	KYT	0	p	01 00 502		s	414					
25	MIZR	0	ep	09 43 353	+2 +2	es	45					福井県西部
	HKN	0	ep	43 389		s	72					N coast of Central Honshu
	KMYM	0	ep	43 458		s	136					35.5N 135.7E h=0km
	KYT	0	s	43 475								
	NGY	0	ep	43 481		es	157					
	NR	0	e	43 588								
25	NGY	0	ep	10 37 31.−								
25	SMZ	0	ep	18 05 046		es	135					
	KOCH	0	e	05 357								
	TKMT	0	ep	05 57.−								
26	KOCH	0	ip	07 44 367		is	14					
26	MTYM	0	ip	11 42 136		is	7.0					伊予灘
	HRSM	0	ep	42 168		s	89					Off NW coast of Shikoku
	KOCH	0	ep	42 216		es	112					
	SMZ	0	ep	42 237		s	159					
	TKMT	0	ep	42 41.9		es	19.1					
	TTR	0	e	42 561								
27	TKMT	0	es	04 52 386								
	KYT	0	s	14 52 50.2								
27	NGY	0	ip	14 37 49.1	−16 −12 (+)	s	151	80 120	2 3			
	HKN	0	p	37 546		es	304					
	MIZR	0	ip	37 565	−4 (+)	is	307					
	KMYM	0	p	37 575	+1 (+)	s	203					
	KYT	0	ip	38 017	−3 −6 (+)	is	259					
	NR	0	ip	38 055	+4 +5 (+)	is	290					
	OSK	0	p	38 075		s	318	70 50	28 4 3 3			

Date	Station	S.I.	Pha	Time (J.S.T.) h	m	s	Initial Motion (A) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(A) N	E	Z	Periode (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OWS	0	p	38	08	3				s		31	7									
	TTR	0	ep	38	12	7													i		43	8	岐阜長野県境
	WKYM	0	e	38	13	9																	
	SMT	0	i	38	14	2													i		57	4	Central Honshu 36.2N 137.6E h=0km
	KOB	0	ip	38	14	5				es		39	0										
	HMJ	0	p	38	16	3				s		36	1										
	SMSK	0	p	38	20	2				es		42	6										
	HMD	0	ep	38	22	4				es		29	5										
	OKYM	0	ip	38	30	8				is		43	2										
	TKMT	0	ep	38	30	6				s		44	8										
	MRTM	0	e	38	33	1																	
	YNG	0	ep	38	35	3				is		47	6										
	MTE	0	e	38	41	4																	
	KOCH	0	ep	38	43	5				es		42	5										
	MTYM	0	ep	38	46	9				es	1	45											
	HRSM	0	e	40	47	2																	
27	KYT	0	s	15	28	40	5																
27	MTYM	0	e	23	48	38	0																
28	OWS	0	p	02	07	06	7			s		9	1										
28	WKYM	0	ep	05	46	33	3			es		07											
28	SMZ	0	e	10	24	08	3												i	1	18	8	
	MRTM	0	e		24	33	7																
28	WKYM	I	ep	14	11	53	2			es		10											
28	NGY	0	ep	18	27	19	—																
	KYT	0	p		27	30	3			s		25	2										
28	NGY	0	ep	19	11	13	—																
	KYT	0	p		11	21	4			s		14	2										
29	KMYM	0	ep	02	07	09	8			es		13	2										
	NGY	0	ep		07	13	—			es		18	—										
	NR	0	ep		07	16	3			es		15	6										
	KYT	0	p		07	18	4			s		24	0										
	HKN	0	ep		07	18	4			es		21	3										

Date	Station	SI.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	OSK	0	e	07 39.–								
29	NGY	0	ep	13 26 56.–								
29	NGY	0	ep	16 06 46.–								
30	HKN	0	ep	10 22 00.3		s	41					
31	TTR	0	p	05 48 28.1		is	22					
31	SMT	0	i	11 09 13.5			.					
31	MKYM	0	ep	14 15 56.3		es	18					
	SMT	0	i	16 03.7								
31	KMYM	0	p	15 31 14.7	–3 +1	s	2 55.1					
	SMSK	0	p	31 23.7		s	2 21.3					
	OWS	0	ip	31 25.4	(–) (+) (–)	s	1 57.9					小笠原
	TKMT	0	ep	31 34.6		s	2 47.3			ScS	11 51.1	南方沖
	SMZ	0	ep	31 35.4		es	2 29.3					Bonin
	NGY	0	ep	31 36.1	–4 +1 (–)	es	2 26.6					IS,
	OSK	0	p	31 37.5		es	2 45.–			ScS	12 14.–	
	MKYM	0	ep	31 37.8		es	2 32.1					22.9°N
	NR	0	e	31 38.8			.					140.6°E
	SMT	0	p	31 39.6		s	2 33.9					h=100 km
	KOCH	0	ep	31 39.6		es	2 28.3					
	KYT	0	ep	31 39.9	(–) (+) (–)	es	2 33.8					
	KOB	0	ep	31 41.9		es	2 37.4					
	HKN	0	p	31 42.8		s	2 37.0					
	HMJ	0	ep	31 47.1		es	2 40.1					
	MIZR	0	ep	31 47.6		es	2 44.5					
	MTYM	0	p	31 49.1		s	2 44.0					
	HRSM	0	ep	31 52.1	+2 –2 (+)	es	2 48.4	36 69	3 4 5 6			
	TTR	0	p	31 53.6		s	2 46.8					
	HMD	0	p	31 59.6	+3 –2	is	2 55.1	68	4			
	MTE	0	e	31 59.6						i	12 52.9	
	YNG	0	ep	31 59.8		es	2 48.1					
	SIG	0	ep	32 02.–		es	2 59.–					
31	SMZ	0	ep	19 18 11.3						e	4 4.0	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(/4) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp.(/4) N	E	T	Period sec N	E	T	Pha	P~Pha. m	s	Remarks
	MTYM	0	ep		18	25.4				es		49.5										屋久島近海 Off S coast of Kyu-shu 30.9°N 131.3°E h=10 km
	KOCH	0	ep		18	27.3													e		26.5	
	TKMT	0	ep		18	37.—													e	1	28.	
	SMT	0	i		18	43.5													i	1	17.0	
	NGY	0	ep		19	10.0				es	1	9.5										
	HMD	0	ep		19	20.9				es		32.2										

Remarks

Period

0 : <0.4 sec

1 : 0.5~1.4 sec

2 : 1.5~2.4 sec

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

·37年5月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
20	Syohara	庄原	Hiroshima	I	15h 22m	S L		L
26	Osu	大州	Ehime	I	11 42	S L		S
27	Mitsugi	御調	Hiroshima	I	17 24	S L		S
29	Yawata	八幡	〃	II	13 50	R	heard	S

Remark

VR : very rapid (極急)　　VS : very short (極短)
R : rapid (急)　　S : short (短)
SL : slow (緩)　　L : long (長)

International Seismological Centre

観測所配置図（近畿・中国・四国地方）

◎ equipped with Seismograph • not equipped with Seismograph

International Seismological Centre

131°
132°
133°
134°
36°
35°
34°
33°
Shimane pref.
Tottori Pref
Okayama prefr
Hiroshima pref.
Yamaguchi pref.
Kyushu area.
Kagawa Pref
Tokushima Pref
Ehime pref
Kōchi pref
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JUL 05 1963
International Seismological Centre

大阪管区

地震月報

昭和37年6月

THE MONTHLY REPORT OF EARTHQUAKES

June 1962

大阪管区気象台

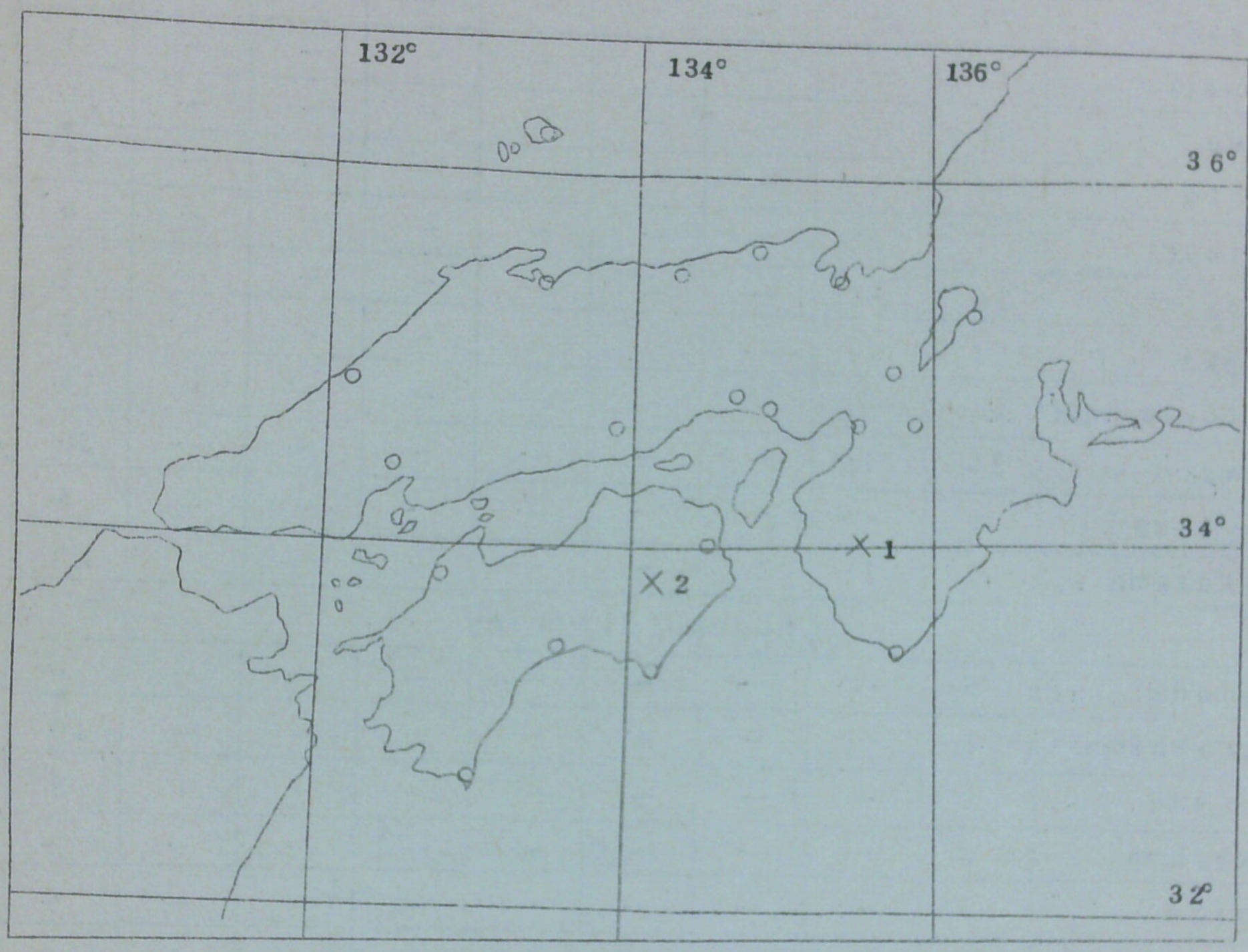
The Osaka

District Meteorological Observatory

Japan

Epicenter of the major felt earthquakes, in west of Honshu, Shikoku

June 1962



June 1962

No.	Date	Origin Time (J.S.T)	Epicenter				Max S.I.
			Location	Lat.	Long.	Depth	
1	9	09h 05m	和歌山県中部 W of Honshu	oN 34.0	oE 135.6	km 60	II
2	29	06 42	徳島県西部 Shikoku	33.8	134.2	40	II

International Seismological Centre

Number of earthquakes

June 1962

Station \ S.I.	O	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	37	–	–	–	–	–	–	–	37
Himeji	3	–	–	–	–	–	–	–	3
Kōbe	11	–	–	–	–	–	–	–	11
Kyōto	41	1	–	–	–	–	–	–	42
Maizuru	7	2	–	–	–	–	–	–	9
Nara	26	–	–	–	–	–	–	–	26
Ōsaka	31	–	–	–	–	–	–	–	31
Shionomisaki	11	–	–	–	–	–	–	–	11
Sumoto	30	–	–	–	–	–	–	–	30
Toyooka	6	–	–	–	–	–	–	–	6
Wakayama	15	2	1	–	–	–	–	–	18
Chugoku district									
Hamada	6	–	–	–	–	–	–	–	6
Hiroshima	10	–	–	–	–	–	–	–	10
Matsue	8	–	–	–	–	–	–	–	8
Okayama	8	–	–	–	–	–	–	–	8
Saigō	5	–	–	–	–	–	–	–	5
Tottori	14	–	1	–	–	–	–	–	15
Yonago	6	–	–	–	–	–	–	–	6
Shikoku district									
Kōchi	17	1	–	–	–	–	–	–	18
Matsuyama	15	1	–	–	–	–	–	–	16
Murotmisaki	11	–	–	–	–	–	–	–	11
Shimizu	13	–	–	–	–	–	–	–	13
Takamatsu	19	–	–	–	–	–	–	–	19
Tokushima	5	1	–	–	–	–	–	–	6
Tsurugisan	1	–	–	–	–	–	–	–	1
Uwajima	3	–	–	–	–	–	–	–	3

International Seismological Centre

Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM : Hiroshima
KOCH : Kōchi
KOB : Kōbe
KYT : Kyōto
MIZR : Mizuru
MTE : Matsue
MTYM : Matusyama
MRTM : Murotomisaki
NR : Nara
OKYM : Okayama
OSK : Osaka
SIG : Saigo
SMZ : Shimizu
SMSK : Shiomisaki
SMT : Sumoto
TKMT : Takamatsu
TKSM : Tokushima
TTR : Tottori
TYOK : Toyooka
TRGS : Tsurugisan
UWJM : Uwajima
WKYM : Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM : Kameyama

Date	station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initia(μ) Motion N	E	Z	Pha	P~pha. m	s	Max Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	p~pha. m	s	Remarks
1	TKMT	0	e	05	13	58.–				e												
1	NGY	0	eP	06	44	48.–				eS		43.–										福島県沖
	KYT	0	P		44	53.4				S	1	18.5										37.0°N
	KMYM	0	e		45	26.–																141.2°E
	OSK	0	e		46	19.–																h=40 Km
1	NGY	0	eP	20	37	55.–																
1	MTYM	I	eP	23	28	48.0		+U	(–)	iS		6.0	40	39	29	1	1	0				安芸灘
	HRSM	0	eP		28	52.3			(+)	S		8.9										Off S coast of W Honshu
	KOCH	0	eP		28	56.6				eS		13.6										
	SMZ	0	eP		29	02.7				eS		14.1										33 3/4 °N
	TKMT	0	eP		29	02.7				eS		14.9										132 1/4 °E
	OKYM	0	eP		29	09.8				S		16.2										h=20Km
1	WKYM	0	eP	18	38	12.1				eS		0.4										
2	WKYM	0	eP	01	35	43.0				eS		1.0										
3	SMZ	0	eP	02	16	08.8				S		32.8										
	NR	0	e		16	09.2																南西諸島
	MTYM	0	eP		16	19.4				eS		49.0										北方沖
	HRSM	0	eP		16	23.2				eS		54.5										Off S
	KOCH	0	eP		16	29.2				eS		53.3	590	460	180	6	5	4				

Date	station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial motion N	E	Z	Pha.	P-Pha. m	s	Max Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	SMSK	0	eP		16	33.2				eS	1	3.9										coaast of Kyusyu. 29.8N 130.8E h=60Km
	TKMT	0	eP		16	33.5																
	HMD	0	eP		16	35.3				eS		56.0										
	TKSM	0	iP		16	35.5				iS		59.0										
	OKYM	0	eP		16	35.6				iS		53.4										
	SMT	0	P		16	38.5				S	1	0.6										
	TRGS	0	P		16	40.8				S	1	26.3										
	WKYM	0	e		16	42.6																
	HMJ	0	eP		16	43.2				eS	1	37.6										
	TTR	0	eP		16	44.6				S	1	13.9										
	OWS	0	P		16	45.2													e	2	49.2	
	KOB	0	e		16	47.2				eS	1	55.2										
	KYT	0	eP		16	51.3				eS	1	55.0										
	OSK	0	eP		16	52.-				eS	1	16.-	200	150	60	5	5	3				
	MIZR	0	eP		16	53.6				eS	1	57.8										
	KMYM	0	eP		16	57.6				eS	1	38.6										
	HKN	0	eP		17	01.9													e	2	8.4	
	NGY	0	eP		17	03.-													e	1	18.-	
	YNG	0	eP		17	09.9				S	1	8.0										
	MTE	0	eP		17	17.2				iS	1	20.1										
	SIG	0	e		18	22.-													e		40.-	
3	NGY	0	e	19	16	06.-																
4	NGY	0	P	02	28	59.5				S		11.4										福井県中部 Central Honshu 36.0°N 136.4°E h=40Km
	HKN	0	eP		28	59.9				iS		10.2										
	KMYM	0	eP		29	06.0				S		13.4										
	MIZR	0	iP		29	06.9		−2 (+)		iS		16.5	10	21		0	0					
	KYT	0	iP		29	06.9				iS		16.0										
	OSK	0	eP		29	16.-				eS		20.-										
	TTR	0	e		29	17.4																
	HMJ	0	eP		29	26.8				eS		23.3										
	SMT	0	e		29	26.8													i		25.3	
	TKMT	0	eP		29	34.7				eS		36.0										

Dete	Stasion	S. I.	Pha.	Time (J.S.T.) h	m	s	Initia(μ) Motion N	E	Z	Pha.	P-Pha. m	s	Max Amplitude Amp. (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	SMSK	0	eP		29	58.9																
	MTYM	0	e		30	33.3													e		10.5	
4	NGY	0	eP	05	09	52.4				S		11.0										
	HKN	0	eP		09	52.9				S		9.2										
	NR	0	eP		10	04.1				eS		19.0										
4	KYT	0	eS	11	39	23.0																
4	MTYM	0	e	16	48	53.8																
4	KYT	0	P	18	31	06.7				iS		3.1										京都府
	HKN	0	P		31	10.3				S		5.1										中部
	MIZR	I	eP		31	10.7				eS		5.3										Wof
	KMYM	0	eP		31	15.0				S		9.3										Honshu
	NR	0	eP		31	17.1				eS		3.3										35.2°N
	NGY	0	P		31	19.7				eS		13.4										135.8°E
	OSK	0	iS		31	23.2																h=10Km
	TTR	0	P		31	26.8				eS		16.5										
5	NGY	0	eP	00	47	00.—																
5	TTR	0	eP	04	00	34.3				eS		1.9										
6	OSK	0	e	05	06	27.—																九十九里浜
	NGY	0	eP		06	50.1				eS		36.0										附近
	KYT	0	eP		07	05.5				eS		59.2										35.6°N
	KMYM	0	e		07	16.—																140.5°E
7	NGY	0	eP	06	46	06.—				eS		32.—										h=10Km
	KMYM	0	e		46	51.—																
	OSK	0	e		47	22.—																
7	TTR	II	iP	13	27	00.7		(—)		iS		2.1	48	24	24	0	0	0				鳥取附近
8	NGY	0	eP	04	39	30.—				eS		29.—										
	KYT	0	eP		39	43.1				eS	1	1.4										
8	SMZ	0	eP	13	46	49.5				S		20.0										
8	MTYM	0	e	16	48	53.8																
8	SMT	0	P	17	10	34.0				iS		9.6										
	KMYM	0	e		10	52.3				eS		13.6										
	NGY	0	eP		10	52.—				eS		29.—										

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Deta	Station	S.I.	Pha	Time (J.S.T.) h	m	s	Initia(μ) Motion N	E	Z	Pha.	R-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period sec N	E	Z	Pha.	P-Pha. m	s	Remarks
8	NGY	0	eP	18	12	46.—																
	KYT	0	eP		13	10.8				eS	31.9											
	SMZ	0	e		13	22.3				e	48.5											
	OSK	0	e		13	38.—																
	KOCH	0	eP		13	47.2				e	46.9											
9	NGY	0	eP	01	05	29.6				eS	51.9											福島県沖
	KMYM	0	eP		05	36.1				eS	57.4											Off E
	HKN	0	P		05	38.8				P	54.2											coast of
	KYT	0	eP		05	39.0				eS	1 22											N Honshu
	OSK	0	eP		05	58.—				eS	1 14.—											37.6°N
	KOCH	0	e		06	52.9																141.6°E
																						h=40Km
9	OSK	0	iP	09	05	20.7			(+)	iS	8.7											
	OWS	I	iP		05	21.1	(+)	⊢	(—)	S	9.0		22	26	·	—	—					和歌山県
	SMT	0	iP		05	21.2				iS	9.4											中部
	NR	0	eP		05	21.9				eS	10.6											Wo f
	MIZR	0	eP		05	22.9				eS	23.1											Honshu
	KOB	0	eP		05	22.7				iS	10.2											
	WKYM	0	eP		05	23.5				eS	3.3		28	16	·	—	—					34.0°N
	TKSM	0	iP		05	25.4				iS	10.8											135.6°E
	KYT	0	iP		05	26.5				iS	12.5											h=60Km
	TKMT	0	eP		05	28.7				S	16.9											
	SMSK	0	P		05	30.0				iS	9.4											
	MRTM	0	eP		05	31.3				iS	16.0											
	HKN	0	P		05	31.8				S	15.8											
	OKYM	0	P		05	32.1				iS	17.4											
	NGY	0	eP		05	35.6				eS	20.8											
	MTYM	0	eP		06	07.1				eS	17.5											
	TTR	0	e		06	48.1																
9	TKMT	0	eP	13	47	22.0				eS	7.7											
	SMT	0	e		47	25.9				i	9.3											
9	TKSM	0	iP	14	12	24.0																
10	TKMT	0	eP	21	57	55.8				eS	32.0											

Date	Station	S. L	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period sec N E Z	Pha.	P~Pha. m s	Remarks
	WKYM	II	eP	57 58.1	−1 +8 (+)	eS	0.7	160 90 80	1 1 1			和歌山附近
	SMT	0	iP	57 59.6		iS	3.5					Wof
	NR	0	e	58 10.1								Honshu
	MRTM	0	e	58 21.0		e	14.4					34.2°N
11	WKYM	I	eP	02 57 02.3		eS	2.8	15 11	− −			135.1°E
11	WKYM	0	eP	03 04 52.9		eS	1.3					h=0Km
13	WKYM	0	eP	03 29 49.2		eS	1.1					Near
	SMT	0	i	29 56.3								Wakayama
14	NGY	0	eP	04 43 52.−		eS	38.−					
	HKN	0	eP	44 34.8								
14	NGY	0	P	04 48 45.5		S	12.4					
	KYT	0	P	48 57.9		eS	27.0					
	HKN	0	eP	48 58.8		eS	17.1					
14	NGY	0	eP	10 24 13.−								
14	KYT	0	eP	16 57 56.4		eS	4 3.8					Aleution
	TKMT	0	eP	58 06.−		eS	4 7.−					Is.
	NGY	0	eP	58 12.−						e	3 46.−	54.3°N
	OSK	0	eP	58 17.−		eS	3 45.−					169.1°E
	KOCH	0	eP	58 22.8						e	4 1.1	h=34Km
	KOB	0	e	17 03 42.−								(U.S.C. G.S)
15	SMT	0	e	01 24 40.5								
15	KYT	0	eP	02 52 46.3		iS	1.6					
15	OWS	0	P	06 00 08.1		S	7.4					
15	MRTM	0	e	07 16 27.4						e	4 20.7	Ryukyu
	KOCH	0	eP	16 28.4		e	4 22.1			PP	46.3	26.4° N
	SMZ	0	eP	16 33.4						e	3 22.0	126.5°E
	HRSM	0	eP	16 37.8		e	4 26.0					h=22Km
	HMD	0	eP	16 41.7		eS	3 22.7					(US.C.G.S)
	MTYM	0	eP	16 44.0		eS	3 41.0					
	TKMT	0	eP	16 48.7		e	4 14.8					
	SMT	0	e	16 49.3								
	OWS	0	eP	16 58.7		e	5 19.7					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KYT	0	eP	16 58.9		e	1 50.4					
	SIG	0	e	17 05.6								
	KOB	0	e	17 05.-								
	OSK	0	eP	17 08.-		eS	4 28.-					
	NGY	0	eP	17 15.-						e	4 35.-	
	SMSK	0	eP	17 22.7		e	5 3.0					
	AKN	0	eP	17 29.6		eS	4 13.2					
15	KYT	I	iP	10 07 45.1		iS	3.4	51 21 19	0 0 0			京都府
	MIZR	I	iP	07 47.8		iS	4.6	33 58 11	0 0 0			中部
	NR	0	eP	07 50.8		eS	8.2					Wof
	HKN	0	eP	07 50.9		S	6.0					Honshu
	OSK	0	P	07 53.3		S	7.4					35.2N
	NGY	0	P	07 58.9		S	14.6					135.6°E
	TTR	0	P	07 59.3		S	16.4					h=10Km
	SMT	0	i	08 15.9								
15	NR	0	e	12 44 31.8								
15	NGY	0	eP	15 44 06.-		S	29.-					
	HKN	0	eP	44 13.0		eS	35.4					
	KYT	0	P	44 20.3		S	23.9					
	OSK	0	eP	44 24.-		eS	52.-					
	TKMT	0	eP	44 39.-		eS	47.-					
	SMT	0	e	45 10.4								
	MTE	0	e	45 52.5								
15	NGY	0	eP	21 11 47.-		eS	24.-					
	KYT	0	eP	11 57.4		eS	34.8					
	HKN	0	eP	12 22.6								
	OSK	0	e	12 34.-								
15	KOCH	0	iP	23 23 32.8		eS	38					
16	NGY	0	eP	06 05 57.-		eS	24.-					
16	KOCH	0	eP	14 23 37.1		eS	4 8.9					
	HRSM	0	e	23 39.6								
	SMZ	0	e	23 41.1								

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Dete	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	NGY	0	eP		23	45.-																
	SMT	0	e		23	53.2				e	4	11.0										
	TKMT	0	eP		23	54.-				eS	4	9.-										
	MTE	0	e		24	04.1																
	KYT	0	P		24	06.2																
	OSK	0	eP		24	28.-													e	1	37.3	
	KOB	0	e		27	24.-																
	MRTM	0	e		27	48.6																
17	MIZR	0	e	06	52	53.0																
18	NGY	0	eP	05	51	47.-																
18	WKYM	0	eP	08	40	20.5				eS		3.4										和歌山県
	SMT	0	P		40	23.0				iS		6.4										北部
	OSK	0	e		40	39.-																Wo f
	OKYM	0	eP		40	40.8				iS		13.4										Honshu
	NR	0	e		40	42.8																
	TKMT	0	eS		40	46.9																
	NGY	0	eP		40	53.-																
18	NGY	I	P	14	38	25.7			(+)	iS		3.6	17	18	11	0	0	0				愛媛県
	HKN	0	eP		38	36.1				S		8.1										北西部
	KYT	0	P		38	39.6				S		14.6										Shikoku
	NR	0	e		38	52.3																
19	MTYM	0	eP	08	50	18.2				eS		24.0										
	KOCH	0	eP		50	21.5				eS		26.7										
	HRSM	0	e		50	31.2	+1	-1	(-)													
19	TKMT	0	e	16	06	21.-																
19	SMT	0	e	18	35	20.0																
20	HKN	0	P	21	06	10.0																
21	TTR	0	iP	09	40	11.3				iS		0.8										
22	SMT	0	eP	10	31	37.4				iS		3.4										
22	SMT	0	eP	10	31	57.2				iS		2.5										
22	NGY	0	eP	10	53	16.-				eS		43.-										茨城県沖
	HKN	0	eP		53	34.5				eS		43.4										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initia Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	KYT	0	eP		53	36.1				eS		55.5										36.3°N 141.1°E h=40Km
	NR	0	e		54	15.8																
22	TTR	0	iP	11	11	57.7				eS		3.1										
22	TTR	0	P	11	27	38.7				S		2.3										
22	SMSK	0	P	19	39	53.4				S		2.8										
	SMT	0	i		40	24.2																
22	OWS	0	eP	20	50	11.1																
	NGY	0	eP		50	18.–																
	KMYM	0	eP		50	27.2																
	HKN	0	eP		50	27.4				eS	1	3.4										
	KYT	0	eP		50	30.3				eS	1	8.9										
	NR	0	e		50	40.0																
	OSK	0	e		50	45.–													e		38.–	
23	NGY	0	eP	04	19	44.2				eS		4.1										
23	NGY	0	eP	13	24	46.–				eS		44.–										福島県沖 Off E coast of N Honshu 26.9°N 141.0°E h=60Km
	HKN	0	eP		24	54.9				eS	1	5.3										
	KYT	0	eP		25	01.3				eS		49.3										
	KMYM	0	eP		25	02.5													e		20.8	
	NR	0	e		25	14.5																
	OSK	0	e		25	58.–																
23	NGY	0	eP	15	57	18.–				S		38.–										
	HKN	0	eP		57	43.0																
	KMYM	0	e		57	45.0																
23	OWS	0	iP	16	49	50.8				S		2.3										
23	NGY	0	P	18	10	34.7				S		6.1										
23	WKYM	0	eP	18	46	10.6													e	1	48.2	沖縄附近 Ryukyu Is. 26.0°N 127.5°E h=100Km
	MTE	0	e		46	24.2													e	2	44.8	
	TKSM	0	iP		46	31.6																
	SMZ	0	eP		46	33.4				eS	1	28.0										
	UWJM	0	eP		46	41.7													e	2	24.1	
	KOCH	0	eP		46	47.3													e	2	47.1	
	MTYM	0	iP		46	48.5				iS	1	38.0										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P-Pha m s	Remarks
	MRTM	0	eP	46 49.2								
	HRSM	0	eP	46 57.7	(+)	e	2 24.3			e	2 24.6	
	HMD	0	eP	47 00.9		e	2 34.4					
	TKMT	0	eP	47 02.5		eS	1 47.5					
	SMSK	0	eP	47 02.8		eS	1 54.9					
	SMT	0	iP	47 06.8	+3 +3 (+)	eS	1 47.4					
	TTR	0	P	47 07.3						e	2 11.5	
	OKYM	0	eP	47 08.6		S	1 48.0					
	OWS	0	iP	47 12.5		S	2 6.9					
	KOB	0	eP	47 14.8		eS	1 59.1					
	OSK	0	eP	47 15.–		eS	2 12.–					
	YNG	0	eP	47 16.1		eS	2 40.2					
	NR	0	e	47 16.7								
	TYOK	0	eP	47 18.9								
	KYT	0	eP	47 19.2		eS	2 58.2					
	MIZR	0	e	47 22.5								
	KMYM	0	eP	47 23.3		eS	2 13.8					
	HKN	0	P	47 26.1						e	3 53.8	
	SIG	0	eP	47 27.0		eS	2 16.3					
	NGY	0	eP	47 31.–		eS	2 9.–					
23	SMZ	0	e	19 02 34.3								
	MTYM	0	e	02 36.8								
	KOCH	0	e	02 42.7						e	3 19.3	
	TKMT	0	eP	02 49.0		eS	3 52.–					
	SMSK	0	e	02 54.3								
	WKYM	0	e	02 59.2								
	OSK	0	P	03 00.4		eS	4 3.–					
	TTR	0	e	03 01.0								
	NR	0	e	03 03.6								
	KYT	0	eP	03 04.7		eS	3 48.0					
	KMYM	0	eP	03 08.0								
	HKN	0	P	03 00.4		S	3 50.5					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	NGY	0	eP		03	13.–																
24	NGY	0	eP	07	51	01.–				eS		56.–										
	KMYM	0	e		51	34.–																
	HKN	0	eP		51	40.8																
24	NGY	0	eP	08	00	59.–																
24	WKYM	0	eP	08	23	21.9				eS		0.8										
24	NGY	0	eP	10	22	10.–																
	HKN	0	eP		22	33.7				eS	6	43.0										
	HMD	0	eP		27	14.3				e	9	57.0							e	5	8.7	
	TYOK	0	eP		29	25.8													e	10	1.7	
24	SMZ	0	e	22	09	47.1																
24	OWS	0	eP	10	31	46.1																
	KOCH	0	e		32	28.4																
	HRSM	0	e		36	46.1																
	MRTM	0	e		38	14.5																
	KMYM	0	e		35	21.–																
24	WKYM	0	eP	16	59	40.6				eS		1.3										
24	TYOK	0	eP	20	15	21.7																
25	NGY	0	eP	01	37	50.–				eS		22.–										
	KMYM	0	eP		38	00.5				eS		34.3										
	HKN	0	eP		38	06.4				eS		32.2										
	KYT	0	eP		38	11.2				eS		41.3										
	NR	0	e		38	20.7																
25	NGY	0	eP	17	59	17.–				eS		31.–										次木県南西部 36.2°N 139.7°E h=50Km
	KYT	0	eP		59	47.4				eS		36.4										
25	OWS	0	eP	20	13	21.7																
	MTYM	0	eP		13	42.5				eS	2	50.0										
	HRSM	0	eP		13	44.3				eS	2	40.7										台湾
	SMZ	0	e		13	44.9													e	3	0.0	東方沖
	HMD	0	eP		13	51.4				eS	2	44.8							L	4	23.2	Off S coast of
	MTE	0	e		13	51.8													e	3	20.8	
	MRTM	0	e		13	52.4													e	3	25.8	

Data	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max Amplitude Amp.(μ) N E Z	Max Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
	YNG	0	e	13 59.6								
	TKMT	0	eP	14 03.1		eS	2 54.8					Kyushu
	KOCH	0	eP	14 03.9		eS	2 27.9	88 58	17 15			23°N
	SIG	0	e	14 04.1								123°E
	TTR	0	e	14 10.7								h=10Km
	KOB	0	e	14 11.—		eS	3 38.—					
	SMT	0	e	14 14.6						e	3 28.6	
	KYT	0	eP	14 24.2		eS	3 31.2					
	KMYM	0	eP	14 27.7						e	3 21.7	
	HKN	0	eP	14 28.0		eS	3 41.5					
	NR	0	e	14 31.4								
	NGY	0	eP	14 34.—								
	UWJM	0	e	14 37.0						i	58.2	
	OSK	0	eP	14 48.—		eS	3 4.—			eL	4 47.—	
26	SMSK	0	iP	00 05 37.5		jS	2.5					
27	KYT	0	iP	02 19 48.2		jS	3.5					
	OSK	0	eP	19 49.0		jS	5.0					大阪府
	NR	0	eP	19 51.2		eS	5.5					北部
	HKN	0	eP	19 58.5		S	9.4					Wof
	KMYM	0	eP	19 59.8		S	10.1					Honshu
	NGY	0	eP	20 10.—		S	13.—					34.9°N
												135.5°E
												h=10Km
27	NGY	0	eP	07 04 53.—		eS	12.—					
28	SMZ	0	e	11 43 38.8								
28	SMZ	0	eP	13 14 31.1						e	32.3	屋久島
	UWJM	0	eP	14 37.7		eS	32.3					近海
	MTYM	0	eP	14 43.2		eS	46.0					Off S
	MRTM	0	eP	14 46.7								coast
	TKMT	0	eP	14 55.4		eS	1 9.2					of
	SMT	0	eP	14 58.1		S	1 20.2					kyūshū
	NTE	0	e	14 59.0						e	1 15.9	31.1°N
	TTR	0	eP	15 14.6		eS	1 2.6					131.3°E
	OSK	0	eP	15 17.4		eS	1 17.7					h=0Km

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	HKN	0	P		15	18.9				eS	2	0.7										
	NGY	0	eP		15	18.—				eS	1	17.—										
	SIG	0	eP		15	29.6				S	1	8.7										
	NR	0	e		15	33.7																
	YNG	0	eS		16	10.8																
	KMYM	0	e		16	19.6				S		59.4										
	KOB	0	e		16	33.0																
28	KOCH	0	eP	13	14	46.7				eS		41.8										屋久島近海 Off S coast of Kyūshū $30\frac{1}{2}°$N $131\frac{1}{2}°$E h=40Km
	HMD	0	eP		14	47.1				eS		52.2										
	HRSM	0	eP		14	52.1				eS	1	0.0										
	TYOK	0	eP		14	—.																
	OKYM	0	eP		15	00.4				eS		57.4										
	TKSM	0	eP		15	27.6				eS	1	0.0										
	WKYM	0	e		15	30.1																
	SMSK	0	eP		15	37.9				eS		57.3										
	MIZR	0	e		16	25.5																
28	NGY	0	eP	13	37	15.—																
	HKN	0	P		37	35.7																
	KYT	0	eS		37	37.6																
	OSK	0	e		37	43.—																
28	KYT	0	eP	13	43	12.2				eS	1	39.2										
29	OSK	0	P	03	57	28.3				eS	5	36.4										
	NR	0	e		57	29.9																
	KYT	0	eP		57	32.9				eS	5	36.8										
	KMYM	0	P		57	33.6	+2	(+)	(—)													
	NGY	0	P		57	36.1	—1		(—)										e	5	41.—	
	HKN	0	P		57	37.1				eS	5	40.3										
29	SMT	0	e	04	02	59.8																
29	SMT	0	eP	06	34	22.0				eS		7.0										
29	KOCH	I	iP	06	42	44.5	—4	—4		iS		8.0	31	52	21	0	0	0				徳島県西部
	MRTM	0	eP		42	44.5				iS		6.3										
	TKSM	I	iP		42	45.2	—2	—4	(—)	iS		7.0	80	72	28	1	1	1				

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha m	s	Max. Amplitude Amp.(μ) N	E	Z	Period sec N	E	Z	Pha.	P~Pha. m	s	Remarks
	TKMT	0	iP		42	45.4	−3	+1	(−)	iS		8.4										
	OKYM	0	eP		42	50.9				iS		14.8										Shikoku
	SMT	0	P		42	51.3				iS		10.1										33.8°N
	MTYM	0	eP		42	54.4				eS		12.5										134.2°E
	NR	0	e		43	10.8																h=40Km
	KYT	0	P		43	07.5				S		28.4										
	TYOK	0	eP		43	12.2													e		30.2	
	SMZ	0	eP		43	12.4				eS		10.1										
	KOB	0	e		43	16.4																
	YNG	0	eS		43	25.6																
	OSK	0	e		43	27.−																
	KMYM	0	e		43	33.−																
	NGY	0	eP		43	48.−																
29	NGY	0	eP	06	47	50.−				eS	1	5.−										
29	KOB	0	e	08	16	13.3																
29	MTYM	0	eP	22	05	49.4				eS		52.0										
	SMT	0	e		07	44.0																
30	NGY	0	eP	00	49	47.−				eS	1	5.−										
	HKN	0	eP		50	57.7																
30	WKYM	I	eP	02	23	58.9				eS		1.2	52	25		0	0					和歌山
	SMT	0	eP		24	01.7				iS		3.1										附近
30	OWS	0	P	03	05	06.0				S		5.6										
	KMYM	0	e		05	32.−																
	SMT	0	e		05	39.7																
	NGY	0	eP		05	43.−																
30	NGY	0	eP	03	12	23.−				S		26.−										
	KMYM	0	e		12	26.0				eS		29.9										
	OWS	0	eP		12	30.1				S		26.1										
	HKN	0	eP		12	33.0				S		28.4										
	KYT	0	P		12	35.4				iS		36.0										
	NR	0	e		12	36.1																
	OSK	0	eP		12	40.−																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	SMT	0	e		12	43.8				e		40.7										
	TYOK	0	eP		12	49.9													e		40.4	
	WKYM	0	e		12	51.6																
	MTE	0	e		14	16.5																
30	MTYM	0	eP	03	24	47.5				eS		33.5										
30	NGY	0	eP	03	29	35.–				eS		23.–										
	HKN	0	eP		29	44.1				eS		29.8										
	KYT	0	P		29	49.7				S		30.7										
	KMYM	0	e		30	05.–																
	OSK	0	e		30	36.–																
30	MIZR	0	iP	03	54	22.0	–2												i		51.0	長野県南部 Central Honshu 35.5N 137.8E h=20Km
	NGY	II	P		54	26.2	+3	+3	(–)	iS		10.6	110	100	43	1	1	1				
	KMYM	0	P		54	35.6				S		14.1										
	HKN	0	P		54	35.6				S		15.8										
	KYT	0	P		54	42.3				iS		23.5										
	NR	0	eP		54	43.8				eS		23.4										
	OWS	0	P		54	47.3				S		24.3										
	OSK	0	eP		54	48.0				iS		31.5										
	KOB	0	e		54	54.–				eS		32.–										
	TYOK	0	P		54	56.2				S		31.5	84	65		1	1					
	WKYM	0	e		54	59.7													e		19.6	
	SMT	0	eP		55	01.7				iS		33.9										
	SMSK	0	eP		55	03.4				S		33.0										
	TTR	0	eP		55	05.3				S		35.8										
	OKYM	0	eP		55	13.2				eS		43.6										
	TKMT	0	eP		55	13.–				eS		41.–										
	YNG	0	eP		55	18.6				eS		45.2										
	MTE	0	e		55	25.6													e		49.5	
	MRTM	0	eP		55	27.9				eS		45.7										
	KOCH	0	eP		55	31.0													e		27.7	
	HRSM	0	e		56	32.8																
30	NGY	0	eP	03	57	16.–				eS		10.–										

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha m	s	Remarks
	KMYM	0	eP		57	26.2				eS		15.4										
	HKN	0	P		57	41.1																
	TYOK	0	P		57	46.2																
	KYT	0	iS		57	54.8																
	NR	0	e		57	55.8																
	OSK	0	e		58	03.-																
30	SMT	0	P	06	50	51.5				iS		9.9										紀伊水道
	MRTM	0	eP		50	55.7				eS		9.7										Wof
	NR	0	e		51	12.9																Honshu
30	SMSK	0	eP	09	50	55.7				eS		4.7										
30	NGY	0	P	10	10	51.-				eS		40.-										
	KYT	0	P		11	00.9				S	1	5.8										
	HKN	0	eP		11	06.9																
	NR	0	e		11	07.7																
30	NGY	0	eP	12	15	14.-																
	HKN	0	eP		15	32.4																
30	NGY	0	eP	19	27	37.-																

Remarks

Period : 0 : < 0.4 sec.

1 : 0.5~1.4 sec.

2 : 1.5~2.4 sec.

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

37年6月

Date	Station		Prefecture	S.I.	Time (J.S.T.) h	m	Character of tremor	Earth-quake sound	Duration of tremor
1	Kurahashi	倉橋	Hiroshima	I	23	28	R		S
9	Ryūjin	竜神	Wakayama	II	09	00	VR	heard	S
	Chikano	近野	〃	I~II		06	R		VS
	kurisugawa	栗栖川	〃	I		06	SL		S
14	Chii	知井	Kyōto	II	10	10	R		S
17	Mineyama	峯山	〃	I	07	30	R		VS
18	Kurisugawa	栗栖川	Wakayama	I	08	44	VR		VS
20	Kito	木頭	Tokushima	I	12	17	R		VS
22	Tsuyama	津山	Okayama	I	11	24	R		VS
27	Tōgo	東郷	Osaka	II	02	18	R		S
28	Kitō	木頭	Tokusima	II	08	38	R		S
9	〃	〃	〃	II	06	43	SL		S
	Naruto	鳴門	〃	II		43	R		S
	kitakijima	北木島	Okayama	I		43	SL		S
	Tadotsu	多度津	Kagawa	II		44	VR		S
	Shuzan	周山	Kyōto	II	17	20	R	heard	S

Remarks

VR: very rapid (極急)　　VS: very short (極短)

R: rapid (急)　　S: short (短)

SL: slow (緩)　　L: long (長)

JUL 15 1963
International Seismological Centre

大阪管区

地震月報

昭和37年7月

THE MONTHLY REPORT OF EARTHQUAKES

July 1962

大阪管区気象台

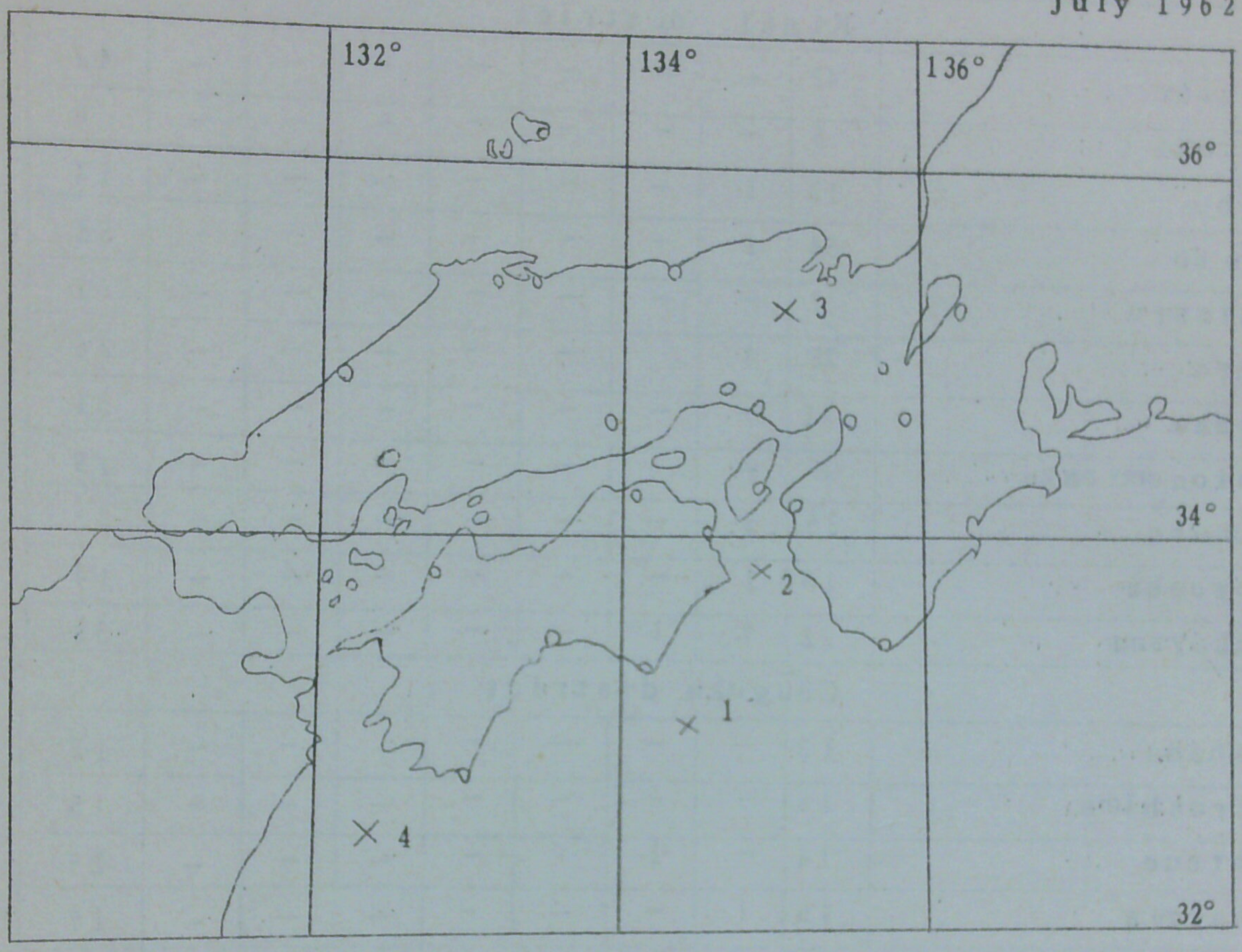
The Osaka

District Meteorological Observatory

Japan

Epicenter of the major felt earthqukes, in west of Honshu, Shikoku.

July 1962



July 1962

No	Date	Origin Time (J.S.T)	Epicenter				Max. S.I.
			Location	Lat.	Long.	Depth.	
1	3	05h 52m	室戸岬沖 Off S coasst of Shikoku	°N 33.0	°E 134.4	Km 20	II
2	23	20 25	紀伊水道 Off E coast of Shikoku	33.8	135.0	20	II
3	30	23 45	島根県東部 W of Honshu	35.3	133.1	0	II
4	31	14 09	日向灘 Off E coasst of kyushu	32.4	132.3	40	II

International Seismological Centre

Number of earthquakes

July 1952

Station \ S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	42	–	–	–	–	–	–	–	42
Himeji	6	–	–	–	–	–	–	–	6
Kōbe	13	1	–	–	–	–	–	–	14
Kyōto	54	1	–	–	–	–	–	–	55
Maizuru	7	–	–	–	–	–	–	–	7
Nara	25	1	-	–	–	–	–	–	26
Ōsaka	31	–	–	–	–	–	–	–	31
Shionomisaki	19	–	–	–	–	–	–	–	19
Sumoto	36	2	–	–	–	–	–	–	38
Toyooka	13	1	–	–	–	–	–	–	14
Wakayama	22	9	1	–	–	–	–	–	32
Chūgoku district									
Hamada	12	–	–	–	–	–	–	–	12
Hiroshima	15	–	–	–	–	–	–	–	15
Matsue	14	–	1	–	–	–	–	–	15
Okayama	16	1	–	–	–	–	–	–	17
Saigō	12	–	–	–	–	–	–	–	12
Tottori	15	–	–	–	–	–	–	–	15
Yonago	11	–	1	–	–	–	–	–	12
Shikoku district									
Kōchi	28	1	–	–	–	–	–	–	29
Matsuyama	23	1	–	–	–	–	–	–	24
Murotomisaki	13	–	1	–	–	–	–	–	14
Shimizu	19	1	1	–	–	–	–	–	21
Takamatsu	31	1	–	–	–	–	–	–	32
Tokushima	10	2	–	–	–	–	–	–	12
Tsurugisan	6	–	–	–	–	–	–	–	6
Uwajima	8	1	1	–	–	–	–	–	10

International Seismological Centre

Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM: Hiroshima
KOCH: Kōchi
KOB : Kōbe
KYT : Kyōto
MIZR: Mizuru
MTE : Matsue
MTYM: Matsuyama
MRTM: Murotomisaki
NR : Nara
OKYM: Okayama
OSK : Ōsaka
SIG : Saigo
SMZ : Shimizu
SMSK: Shiomisaki
SMT : Sumoto
TKMT: Takamatsu
TKSM: Tokushima
TTR : Tottori
TYOK: Toyooka
TRGS: Tsurugisan
UWJM: Uwajima
WKYM: Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM: Kamayama

Period : 0 : <0.4 sec
1 : 0.5~1.4 sec
2 : 1.5~2.4 sec

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P~Pha. m s	Remarks
1	KOCH	0	e	04 34 31.6								
	TKMT	0	eP	34 37.8								
	KYT	0	eP	34 46.4						e	4 12.5	
	OSK	0	eP	34 51.–						e	1 32.9	
	HKN	0	eP	34 55.8								
	KMYM	0	eP	34 58.7						e	4 0.2	
	NGY	0	eP	34 58.–								
1	MRTM	0	eP	05 51 46.4		eS	9.0					徳島県西部 Shikoku
	TKMT	0	eP	51 47.6		eS	7.1					
	KOCH	0	eP	51 48.5		eS	9.1					
	SMT	0	eP	51 51.5		iS	10.8					
	OKYM	0	eP	51 54.1		iS	12.8					
1	NGY	0	eP	10 19 58.–		iS	7.–					
	HKN	0	eP	20 18.5								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
1	WKYM	0	e	23 20 56.9								
	SMT	0	i	21 02.7								
2	MTE	0	iP	16 10 40.8		iS	5.4					鳥取県西部 W of Honshu 35.4°N 133.5°E h=0Km
	YNG	0	iP	10 49.6	+4 −6 (+)	eS	1.4					
	OKYM	0	eP	10 51.5		eS	13.2					
	MTYM	0	eP	10 55.7		eS	18.5					
	TKMT	0	eP	11 01.9		eS	12.6					
2	HKN	0	eP	17 4 55.9								
3	MRTM	II	iP	05 5 21 0.0	−17 +5 (−)	iS	4.4	74 130 68	3 2 1			
	TRGS	0	P	5 21 9.2		S	13.7					
	SMSK	0	eP	5 21 9.6		eS	16.9					
	KOCH	0	P	5 22 0.4	(+) (−) (−)	iS	14.1	26 18 21	1 2 2			
	TKMT	0	P	5 22 5.8		iS	18.8	43 60 43	1 1 1			
	SMT	0	P	5 22 6.6		iS	18.6					室戸岬沖 Off S coast of Shikoku 33.0°N 134.4°E h=20Km
	SMZ	0	eP	5 22 6.7		eS	22.7					
	MTYM	0	eP	5 23 0.3		iS	27.0					
	OWS	0	eP	5 23 1.1		S	22.8					
	WKYM	0	eP	5 23 1.8		eS	12.2	50 40	− −			
	OKYM	0	P	5 23 3.3		iS	23.2					
	UWJM	0	eP	5 23 6.4		eS	16.0					
	HRSM	0	eP	5 23 7.2		eS	35.0					
	KOB	0	e	5 23 8.−								
	OSK	0	eP	5 24 1.2		S	25.3			e	5.4	
	KYT	0	eP	5 24 5.3		eS	30.3					
	NR	0	eP	5 24 6.1		eS	23.8					
	KMYM	0	eP	5 24 9.2		eS	23.0					
	HKN	0	eP	5 24 9.8		S	41.5					
	TYOK	0	eP	5 25 0.0		S	37.0	91 95	1 1	i	9.2	
	YNG	0	eP	5 25 0.2		S	30.9					
	TTR	0	eP	5 25 2.3		S	31.3					
	MTE	0	eP	5 25 6.7		iS	33.1					
	TKSM	0	P	52 −								

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period sec N E Z	Pha.	P-Pha. m s	Remarks
	NGY	0	eP	53 00.7		eS	37.0					
	SIG	0	eP	53 20.0		S	35.0					
3	MRTM	0	eP	11 14 29.6		iS	4.6					
	SMT	0	i	15 05.3								
3	SMZ	0	e	16 31 49.0								
3	NGY	0	eP	17 44 48.-								
3	HKN	0	eP	18 18 27.4		S	5.6					滋賀・福井県境
	NGY	0	eP	18 34.-		S	12.-					
	KMYM	0	eP	18 35.6		S	10.8					35.0°N 136.0°E h=10Km
	NR	0	P	18 38.1		S	12.3					
	KYT	0	iS	18 41.1								
3	MRTM	0	eP	18 54 41.4		iS	4.9					
	KOCH	0	eP	54 59.4		eS	12.9					室戸岬沖 Off S coast of Shikoku
	TKSM	0	eP	55 04.1								
	SMT	0	eP	55 12.3		S	12.7					
	TKMT	0	eP	55 12.3		eS	11.4					33.1°N 134.6°E h=20Km
	SMZ	0	e	55 14.0						e	12.8	
	MTYM	0	eP	55 14.7		eS	19.5					
	OKYM	0	eP	55 16.4		S	20.2					
	SMSK	0	e	55 20.1								
	KMYM	0	e	55 43.1								
4	MRMS	0	iP	01 55 30.2		iS	4.8					
	KOCH	0	eP	55 41.3		eS	11.9					室戸岬沖 Off S coast of Shikoku
	TKSM	0	iP	55 41.8		iS	12.0					
	SMT	0	eP	55 47.2		iS	16.4					
	TKMT	0	eP	55 47.5		eS	16.9					33.0°N 134.5°E h=20Km
	SMSK	0	eP	55 47.9		eS	10.9					
	WKYM	0	eP	55 50.1		eS	11.5					
	SMZ	0	eP	55 50.7		eS	16.1					
	MTYM	0	eP	55 52.0		eS	22.5					
	OKYM	0	P	55 53.6		iS	21.8					
	OSK	0	eP	56 02.-		S	24.-					

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	NR	0	e		56	09.8																
	KYT	0	P		56	12.0				eS		22.4										
	HKN	0	eP		56	14.4																
	KMYM	0	e		56	16.0				eS		27.3										
	NGY	0	eP		56	31.–				eS		25.–										
4	NGY	0	eP	09	28	53.–																
4	WKYM	0	eP	13	40	48.9				eS		0.5										
4	WKYM	0	eP	15	50	48.4				eS		0.9										
4	KOCH	0	iP	22	38	48.6	+1	–4	(–)	iS		1.1										
5	SMT	0	P	08	22	06.6				iS		7.5										和歌山県 中部 Wof Honshu 33.8°N 135.3°E h=10Km
	WKYM	0	eP		22	06.7				eS		5.7	26	27	.	–	–					
	OSK	0	eP		22	12.–																
	SMSK	0	eP		22	08.9				iS		6.9										
	NR	0	eP		22	15.6				eS		13.6										
	TKMT	0	eP		22	17.2				eS		13.2										
	HMJ	0	eP		22	17.3				S		15.8										
	KYT	0	P		22	21.1				eS		14.9										
	OKYM	0	eP		22	24.2				iS		17.2										
	KMYM	0	eP		22	24.3				S		18.6										
	HKN	0	eP		22	27.9				eS		20.3										
	TYOK	0	eP		22	30.9				eS		20.6										
	NGY	0	eP		22	32.–				eS		26.–										
5	NGY	0	eP	14	17	58.–																
5	KOCH	0	e	18	32	36.0																
5	TKSM	I	iP	18	40	20.8	(+)	(+)	(+)	iS		3.4	80	120	40	1	1	1				徳島県 南東部 SE part of Shikoku
	TKMT	0	iP		40	24.2				iS		6.8										
	SMT	0	P		40	26.4				iS		7.8										
	MRTM	0	iP		40	28.0				iS		9.5										
	WKYM	0	eP		40	29.2				eS		10.2										33.9°N 134.3°E h=10Km
	KOCH	0	P		40	30.4	(+)			eS		9.5										
	OKYM	0	eP		40	32.1				iS		11.2										
	HMJ	0	P		40	33.0				S		12.8										

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMSK	0	P	40 36.8		S	16.7					
	OSK	0	P	40 37.5		eS	15.9					
	KOB	0	e	40 37.–		eS	11.–					
	MTYM	0	eP	40 40.1		eS	17.5					
	KYT	0	eP	40 42.6		eS	21.7					
	NR	0	eP	40 42.7		eS	18.2					
	YNG	0	P	40 45.4		S	22.6					
	TYOK	0	eP	40 45.7		S	22.8					
	HKN	0	eP	40 53.0		eS	21.5					
	KMYM	0	eP	40 54.2		eS	20.0					
	SMZ	0	e	40 55.6								
	NGY	0	eP	40 56.–		eS	38.–					
	SIG	0	eP	41 08.1								
6	KMYM	0	P	02 41 22.4		S	2 55.2					
6	NGY	0	eP	02 41 06.–								Off S coast of Honshu
	SMSK	0	eP	41 11.7						e	1 17.5	
	KMYM	0	e	41 28.4		eS	2 13.2					30.9°N
	KYT	0	eP	41 28.9		eS	2 46.3					141.4°E
	HKN	0	eP	41 30.9		eS	2 26.0					h=23Km
	OSK	0	eP	41 30.–								
	SMT	0	e	41 45.2								(USCGS)
	TKMT	0	eP	41 45.–								
	KOB	0	eP	42 37.6		eS	2 1.8					
	TYOK	0	e	42 44.8								
	MTE	0	e	43 03.5						e	3 11.3	
	HMD	0	e	43 07.9						e	1 26.7	
	KOCH	0	e	43 48.1								
6	OWS	0	eP	10 15 35.5								
	NGY	0	eP	16 14.–		eS	27.–					
	SMSK	0	eP	16 23.6						e	1 19.3	
	KMYM	0	eP	16 31.1						e	2 15.8	
	HKN	0	eP	16 33.2		eS	38.9					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	KYT	0	eP	16 33.8		eS	53.4					
	SMT	0	e	16 38.6								
	TKMT	0	eP	16 49.–		eS	1 1.–					
6	HRSM	0	e	23 12 59.–								
7	WKYM	0	eP	00 07 30.2		eS	0.5	30 70	– –			和歌山
	SMT	0	P	07 32.9		iS	3.1					附近
7	SMZ	0	eP	00 12 20.4		S	24.0					
	MTYM	0	eP	12 23.8		eS	50.0					
	SMT	0	i	12 40.9		e	56.4			e	1 46.5	
	KYT	0	P	13 02.9						e	2 2.6	
	HKN	0	eP	13 04.4								
	OSK	0	e	15 10.–								
7	WKYM	0	eP	00 16 57.9		eS	0.7					和歌山
	SMT	0	i	17 03.0								附近
7	WKYM	0	eP	02 58 13.2		eS	7.0					
	SMT	0	i	58 24.7								
	KYT	0	iS	58 34.7								
	NR	0	e	59 30.5								
7	HMD	0	iP	08 14 04.4		iS	6 48.6			i	7 17.1	
	HRSM	0	eP	14 06.8		eS	7 21.2					
	SIG	0	eP	14 07.0						e	8 12.0	Pamir Plt.
	MTE	0	iP	14 07.1		iS	6 53.9					
	YNG	0	iP	14 08.4	(–) (+) (+)	eS	6 55.0					39°N 72°E
	MTYM	0	eP	14 09.7		eS	6 54.0					
	TTR	0	e	14 11.6								
	SMZ	0	eP	14 13.8						e	8 19.1	
	KOCH	0	iP	14 15.6	–1 +4 (+)	S	6 59.5			PS	8 22.4	
	TKMT	0	iP	14 16.3	–4 +9 (+)					i	6 59.5	
	TYOK	0	P	14 17.8	(–) +7 (+)							
	MRTM	0	eP	14 18.4		e	5 39.0			e	7 11.7	
	TRGS	0	e	14 19.3								
	MIZR	0	eP	14 20.3						e	8 34.0	

Date	Station	S. L	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp (μ) N E Z	Period (sec) N E Z	Pha.	P-Pha m s	Remarks
	KOB	0	e	14 21.0		eS	7 5.–					
	SMT	0	P	14 22.0		iS	7 5.2			i	1 7.4	
	OSK	0	eP	14 24.–	(–) +7 +4	eS	8 34.–					
	KYT	0	eP	14 25.0	–4 +8 (+)					e	8 5.5	
	HKN	0	P	14 27.2		S	7 8.4			SeS	9 22.3	
	KMYM	0	P	14 28.6	–4 +3 (+)	S	6 54.3					
	OWS	0	eP	14 28.7		S	7 11.1					
	SMSK	0	iP	14 29.7		iS	7 10.8			i	8 38.2	
	NGY	0	iP	14 30.4	–1 +7 (+)	eS	7 11.–					
	UWJM	0	e	14 33.0						SCS	9 0.5	
	NR	0	e	15 22.–								
7	KYT	0	e	15 19 36.4								
	TKMT	0	eP	19 49.0								
	OSK	0	P	19 41.–								
8	KYT	0	iS	04 48 01.5								
8	WKYM	0	eP	05 34 48.0		eS	0.9					
8	SMT	0	eP	10 00 52.5		iS	2.2					
9	NGY	0	iP	17 09 28.8		iS	7.3					
	KMYM	0	eP	09 31.1		S	9.3					
	KYT	0	P	09 44.5		S	15.4					
9	NGY	0	iP	18 16 57.3	(+)	iS	6.5					
	KMYM	0	eP	17 01.3		S	9.3					
	KYT	0	P	17 11.2		S	16.6					
	NR	0	e	17 12.0								
10	WKYM	0	eP	05 55 39.0		eS	0.4	30 24	– –			和歌山
	SMT	0	eP	55 42.0		iS	3.7					附近
10	KYT	0	P	13 08 27.0		iS	2.7					京都府
	NR	0	eP	08 35.4		eS	15.1					中部
	KMYM	0	eP	08 38.5		S	11.1					
10	SMT	0	i	13 18 50.0								
11	NGY	0	eP	03 55 40.8		S	5.5					
	KYT	0	iS	56 01.9								

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Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha m s	Remarks
	NR	0	e	56 12.1								
11	TTR	0	P	04 37 09.8		S	2.1					
11	WKYM	I	eP	16 39 52.8		eS	0.6	3 0 21	— —			和歌山
11	WKYM	I	eP	17 41 28.0		eS	0.5					附近
	SMT	0	P	41 31.5		iS	2.8					〃
11	SMZ	0	e	21 45 38.6						e	4 12.4	
	KOCH	0	eP	45 45.1		eS	4 24.4					Phillippin
	MTYM	0	iP	45 46.2		eS	4 20.0					
	SMSK	0	e	45 52.2								11.9° N
	NGY	0	eP	45 52.—								122.1° E
	TKMT	0	e	45 55.0								h= 25 Km
	KYT	0	P	46 05.6		S	4 38.0					(U.S.C.G.S)
	TYOK	0	eP	46 06.1						e	4 38.—	
	HKN	0	eP	46 09.1		eS	4 44.5					
	KMYM	0	eP	46 14.0						e	4 45.8	
11	KYT	I	iP	22 54 48.0		iS	2.6	30 17 14	— — —			京都府
	NR	0	eP	54 51.6		eS	6.0					中部
	MIZR	0	eP	54 51.8		eS	6.0					35.1°N
	KMYM	0	eP	54 59.2								135.6° E
												h=10 Km
12	NGY	0	eP	01 08 02.—						e	32.—	
	HKN	0	eP	08 14.0								
	KYT	0	S	09 14.4								
12	WKYM	0	eP	02 10 59.3		eS	0.8	31 30	— —			
12	WKYM	0	eP	02 21 51.7		eS	0.8	23 21	— —			
12	NGY	0	eP	15 24 09.—								
13	NGY	0	eP	07 57 07.—								
13	SMZ	0	e	12 37 18.4								Phillippin
	SMSK	0	eP	37 31.4						e	27.9	
	KYT	0	P	37 41.1						e	56.8	
	HKN	0	eP	37 47.4								10.2° N
	NGY	0	eP	37 47.—								121.7° E
	KMYM	0	eP	37 49.6						e	4 53.8	h=15 Km
												USCGS

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Date	Station	S. I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp (μ) N E Z	Max. Amplitude Period sec N E Z	Pha.	P~Pha. m s	Remarks
	OSK	0	eP	38 03.–								
14	NGY	0	eP	07 25 10.–						e	39.–	
14	NGY	I	P	13 07 38.1		iS	4.6	16 36 15	1 0 0			愛知県 南部 Central Honshu 34.8° N 136.9° E h=10 Km
	KMYM	I	iP	07 39.5	+1 +2	iS	5.7	73 74	– –			
	HKN	0	eP	07 46.3		S	9.2					
	NR	0	eP	07 49.6		eS	13.6					
	OWS	0	iP	07 50.5	(+) (+)	S	12.5					
	KYT	0	P	07 51.0		iS	13.2					
	OSK	0	eP	07 57.–		eS	15.–					
	KOB	0	e	07 58.2		eS	20.5					
	MIZR	0	eP	08 01.2		eS	15.9					
	SMT	0	e	08 03.4								
15	OSK	0	eP	04 42 24.–								
	NGY	0	eP	42 30.–								
15	KYT	0	P	05 42 36.0		S	4 51.1					
	KMYM	0	e	42 40.–								
15	UWJM	0	eP	13 18 15.5		iS	6.4					愛媛県 西部 Shikoku 33.4° N 132.2° E h=40 Km
	MTYM	0	iP	18 20.7		iS	8.5					
	KOCH	0	eP	18 25.8		eS	10.6					
	HRSM	0	eP	18 26.6		eS	10.7					
	SMZ	0	eP	18 26.7		S	11.0					
	TKMT	0	eP	18 37.5		eS	10.6					
	OKYM	0	eP	18 38.8		S	23.6					
15	NGY	0	eP	15 48 44.–		eS	1 0.0					
	HKN	0	P	48 50.6		S	1 22.5					
	KMYM	0	eP	48 53.3		eS	1 5.3					
	TYOK	0	P	48 53.5	(–)	S	1 16.3					
	KYT	0	eP	48 54.0	(+) (+)	eS	1 13.4					
	OSK	0	eP	49 00.–		eS	1 31.–					
	WKYM	0	e	49 00.1								
	TTR	0	P	49 02.0		eS	1 56.3					
	KOB	0	eP	49 03.2		eS	1 22.2					

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Date	Station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period sec N	E	Z	Pha.	P-Pha. m	s	Remarks
	SIG	0	eP		49	04.9				eS	1	20.4										
	SMT	0	e		49	06.7													i	1	31.0	岩手県中部
	OWS	0	eP		49	09.5				S	1	49.4										N of Honshu
	YNG	0	P		49	11.0				eS	1	22.9										
	SMSK	0	eP		49	12.8				eS	1	26.8										
	TKMT	0	iP		49	12.9				eS	1	26.2										39.5°N 141.5°E h=90 Km
	MTE	0	iP		49	13.6				iS	1	24.8										
	TRGS	0	e		49	15.9																
	TKSM	0	eP		49	21.0																
	HMD	0	P		49	24.2				S	1	28.9										
	KOCH	0	P		49	24.4	(+)	(+)		eS	1	35.1										
	MTYM	0	eP		49	25.8				eS	1	47.5										
	HRSM	0	e		49	29.4																
	NR	0	e		49	31.3																
	SMZ	0	eP		49	37.0				eS	1	53.9										
	MIZR	0	eP		49	50.7													e	1	7.4	
16	NGY	0	eP	00	14	22.—				eS	1	27.—										岩手県沖
	HKN	0	eP		14	28.1				eS	1	30.3										Off E coast of N Honshu
	KMYM	0	eP		14	33.9				eS	1	24.0										
	KYT	0	P		14	34.0				eS	1	31.5										
	OSK	0	e		14	43.—																39.9°N 142.8°E h=40 Km
	TKMT	0	eP		15	10.8																
16	NGY	0	eP	18	50	17.—																
16	KMYM	0	e	22	03	15.—																
	NGY	0	eP		03	38.—																
	HKN	0	eP		03	43.5																
	KYT	0	S		03	44.3																
16	WKYM	I	iP	23	30	10.3	(→)	—1		eS		0.7	22	15		—	—					和歌山附近
	SMT	0	P		30	14.9				iS		3.3										
17	TKMT	0	eP	03	33	13.—																足摺岬沖?
	UWJM	0	eP		33	32.0				iS		11.1										
	MTYM	0	eP		33	39.9				ēS		14.0										

Date	Station	S. I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period sec N E Z	Pha.	P~Pha. m s	Remarks
	SMZ	0	eP	33 54.0		eS	6.4					
17	SMT	0	iP	09 44 18.0	−1 −1 (−)	iS	4.2					徳島県 北東部 Shikoku 34.2°N 134.6°E h=20Km
	TKSM	0	iP	44 21.4		iS	4.1					
	TKMT	0	iP	44 22.3	−3 +5 (−)	eS	5.9					
	WKYM	0	eP	44 23.0		eS	6.1	18 5	− −			
	OKYM	0	P	44 24.2		iS	9.8					
	KYT	0	eP	44 33.0		eS	18.0					
	KOCH	0	eP	44 37.1		eS	14.9					
	KMYM	0	eP	44 45.7		eS	17.5					
	HKN	0	eP	45 02.5								
18	NGY	0	eP	02 22 46.−		eS	1 55.−					釧路沖 Off E coast of Hokkaido 42.8°N 145.2°E h=40 Km
	HKN	0	eP	22 52.7		eS	1 48.4					
	KYT	0	eP	22 55.0		eS	2 12.0					
	MIZR	0	e	22 55.9								
	TYOK	0	P	22 57.4	(−) (−)	e	2 0.0			e	3 10.4	
	MTE	0	e	22 59.0								
	KMYM	0	eP	23 00.1		eS	1 47.2					
	SMT	0	e	23 00.5						e	2 47.6	
	OWS	0	eP	23 00.5		S	2 57.1					
	HRSM	0	e	23 02.8								
	OSK	0	eP	23 02.−		eS	2 18.−					
	KOB	0	e	23 03.−						e	2 13.−	
	SIG	0	eP	23 05.0								
	TTR	0	eP	23 05.3								
	NR	0	e	23 05.3								
	TKSM	0	P	23 14.2								
	TKMT	0	P	23 15.3						e	3 20.1	
	KOCH	0	eP	23 24.3		eS	2 25.5			L	2 54.9	
	HMD	0	eP	23 26.6	(−)	eS	2 22.5					
	MTYM	0	eP	23 28.9		eS	2 52.0					
	MRTM	0	e	23 29.2						e	5 22.4	
	SMZ	0	eP	23 36.4						e	1 54.1	

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Date	Station	S. I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMSK	0	e	26 30.8								
18	WKYM	0	eP	03 00 19.3		eS	0.4	6	—			
18	WKYM	0	eP	14 54 00.2		eS	0.8	54 26	— —			
	SMT	0	eP	54 04.2		iS	3.8					
	NGY	0	eP	55 44.4		eS	4.0					
18	KOCH	0	iP	19 33 56.4		iS	2.1					
19	NR	0	eP	08 51 35.5		eS	8.5					岐阜・福井・石川県境 Central Honshu
	NGY	0	eP	51 51.0		eS	12.0					
	HKN	0	eP	51 53.3		eS	11.1					
	KYT	0	P	52 00.2		iS	17.4					
	KMYM	0	eP	52 04.3		eS	14.6					
	OSK	0	eE	52 33.6								
19	TKMT	0	eS	13 10 56.3								
19	NGY	0	eP	14 18 31.8		S	6.7					
	HKN	0	eP	18 42.5		eS	11.5					
	KYT	0	P	18 45.3		iS	21.6					
19	WKYM	II	eP	20 44 57.3		eS	1.5	310 190	— —			和歌山附近 Wo f Honshu 34.2°N 135.1°E h≒0 Km
	SMT	0	iP	45 00.8	−3 +3 (−)	iS	3.6					
	OSK	0	eP	45 04.8		eS	10.3					
	TKSM	0	iP	45 05.5		iS	7.5					
	NR	0	eP	45 09.6		eS	9.2					
	HMJ	0	P	45 10.0		S	9.5					
	OWS	0	P	45 12.2		S	12.4					
	KYT	0	P	45 12.9		eS	16.1					
	TKMT	0	eP	45 13.5		eS	15.2					
	SMSK	0	eP	45 15.3		S	10.2					
	OKYM	0	P	45 16.7		S	17.2					
	KMYM	0	eP	45 21.2		eS	17.4					
	MRTM	0	eP	45 21.3		iS	14.9					
	KOCH	0	eP	45 23.4		eS	18.0					
	HKN	0	eP	45 27.1		eS	15.8					
	NGY	0	eP	45 32.—		eS	20.—					

International Seismological Centre

Date	Station	S. I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	MTYM	0	eP	45 34.6		iS	25.5					
	TTR	0	e	45 57.4								
20	WKYM	0	eP	00 06 54.8		eS	0.6	8 7	— —			
20	NGY	0	eP	00 13 02.9		S	17.0					和歌山附近
	HKN	0	eP	13 15.5		eS	22.5					
	KYT	0	e	13 49.1								
20	SMT	0	i	01 07 00.9								
20	NGY	0	eP	17 07 09.—		S	1 2.—					岩手県中部
	HKN	0	eP	07 12.8								
	KMYM	0	e	07 15.3								
	KYT	0	P	07 15.9		S	1 15.3					
20	KYT	0	e	13 06 44.6								
20	WKYM	0	eP	17 22 14.9		eS	0.5					
22	WKYM	0	eP	08 57 49.4		eS	1.1	7 5	— —			
22	WKYM	0	eP	11 59 36.4		eS	1.6	14	—			
	SMT	0	i	59 45.2								
22	NGY	0	eP	14 46 38.7		S	24.1					
	HKN	0	eP	46 50.2		eS	34.8					
	KMYM	0	eP	46 50.7		eS	41.4					
	KYT	0	P	46 54.1		eS	43.9					
	OSK	0	e	47 31.—								
22	NGY	0	eP	15 03 35.9		S	24.9					
	KYT	0	P	03 46.3		S	36.6					
	KMYM	0	eP	03 48.2		eS	26.4					
	OSK	0	e	04 10.—								
	NR	0	e	04 14.8								
22	NGY	0	eP	18 04 02.—								
22	KYT	0	iP	20 41 48.0								
23	NGY	0	e	08 12 35.2								
23	MRTM	0	iP	09 01 30.1	(—)	eS	9.2					
	SMSK	0	P	01 37.2		iS	8.9					
	TKSM	0	iP	01 37.4	(—) (+) (—)	iS	9.2	30 30 20	1 — 1			

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Date	Station	S. I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period sec N	E	Z	Pha.	P~Pha. m	s	Remarks
	WKYM	I	eP		01	37.8				eS		11.5	92	100	35	1	1	1				
	SMT	I	iP		01	39.8	−3	+1	(−)	iS		11.7	38	31	10	0	0	0				
	TKMT	0	eP		01	42.3				eS		15.2										紀伊水道
	KOCH	0	eP		01	42.7				S		13.0										Kii
	NR	0	eP		01	48.0				eS		17.2										Channel,
	OKYM	0	iP		01	48.1	(−)	(+)		iS		19.8										W of
	KOB	0	eP		01	49.6				eS		10.8										Honshu
	OSK	0	eP		01	50.−													e	11.−		33.4°N 134°.9 E h=40Km
	KMYM	0	eP		01	53.5				eS		24.4										
	SMZ	0	eP		01	56.3				eS		12.4										
	KYT	0	P		01	56.4				iS		16.6										
	MTYM	0	eP		01	58.0				eS		22.5										
	TTR	0	eP		01	58.3				eS		24.3										
	HKN	0	eP		02	00.2				eS		23.4										
	NGY	0	eP		02	05.9				eS		28.9										
22	OKYM	0	P	16	29	26.7				iS		17.2										
23	WKYM	I	eP	20	25	27.8				eS		5.7	110	110	54	1	1	1				紀伊水道
	TKSM	I	iP		25	28.0	(+)	(+)	(+)	iS		7.0	120	110	30	1	−	1				Kii
	SMT	I	iP		25	29.1	−2	+2	(−)	iS		7.8	48	48	13	0	0	1				Channel,
	SMSK	0	iP		25	31.0	−2	−2	(+)	iS		10.3										W of
	TRGS	0	P		25	31.3				S		8.8										Honshu
	OSK	0	eP		25	32.−				iS		14.9										33.8°N
	KOB	I	iP		25	33.6	(−)	(−)		iS		11.8	91	120		0	0					135.0°E
	TKMT	I	iP		25	33.7	+11	−13	(+)	iS		10.6	36	85	29	1	1	1				h=20Km
	MRTM	0	iP		25	34.4			(−)	eS		11.3										
	HMJ	0	eP		25	35.5				S		12.5										
	NR	I	eP		25	37.3				eS		11.8	62	27	17	0	0	0				
	KOCH	I	P		25	37.6	(−)	−2	(+)	iS		15.3	34	23	13	0	0	0				
	OKYM	I	iP		25	38.3	(+)	(−)	(+)	iS		15.4	40	30		1	1					
	KYT	0	iP		25	39.7				S		14.7										
	KMYM	0	P		25	42.8	(+)	(+)	(+)	S		18.6										
	UWJM	0	eP		25	44.9				eS		20.5										

Date	Station	S.I.	Pha.	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period(sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	MIZR	0	eP		25	45.1				iS		19.0										
	MTYM	0	eP		25	45.5				eS		28.0										
	HKN	0	P		25	46.0				S		21.3										
	TTR	0	eP		25	48.7				S		20.1										
	HRSM	0	eP		25	50.0				eS		26.0										
	YNG	0	eP		25	50.3				eS		23.6										
	SMZ	0	eP		25	50.9				iS		18.8										
	NGY	0	eP		25	51.3				S		25.0										
	MTE	0	eP		25	54.6				iS		25.4										
	HMD	0	eP		26	07.6				eS		26.3										
	SIG	0	eP		26	18.1				eS		42.3										
24	NGY	0	eP	19	11	11.4				eS		26.0										
	NR	0	e		11	18.7																
	KYT	0	P		11	20.5				S		33.5										
	KMYM	0	e		11	41.—																
	OSK	0	e		11	55.—																
25	HKN	0	eP	00	01	58.1				S		27.6										
	KYT	0	eS		02	56.6																
25	SMZ	0	iP	17	07	14.7	(+)												e	11.5		
	MTYM	0	eP		07	21.5				eS		30.5										
	TKMT	0	eP		07	43.6				eS		34.4										
25	SMZ	0	eP	18	18	09.8				iS		19.5										日向灘 Off E coast of Kyushu
	UWJM	0	eP		18	24.6				eS		13.6										
	KOCH	0	eP		18	36.7				eS		24.5										
	MTYM	0	eP		18	37.3				eS		27.0										
	HRSM	0	eP		18	41.1				eS		33.0										
	HMD	0	eP		18	44.5				eS		43.4										
	TKMT	0	eP		18	52.2													i	1	37.8	
	MTE	0	e		18	52.6				S		53.9										
	OKYM	0	eP		18	58.9				eS		38.0										
	TKSM	0	P		19	01.0																
	SIG	0	eP		19	08.5				eS		55.3										

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) M E Z	Period(sec) M E Z	Pha.	P~Pha. m s	Remarks
	SMT	0	eP	19 12.0						e	31.3	
	TTR	0	e	19 15.2								
	KYT	0	eP	19 19.8		eS	1 0.1					
	TYOK	0	eP	19 22.2		eS	49.9					
	YNG	0	eP	19 22.8						e	29.2	
	WKYM	0	e	19 25.3								
	KMYM	0	eP	19 41.9		eS	47.3					
	NGY	0	eP	19 50.–								
	OSK	0	e	20 02.–								
25	UWJM	0	eP	19 59 56.1		eS	11.0					
	SMZ	0	eP	20 00 00.0						e	9.4	
	KOCH	0	e	00 24.7						e	13.0	
26	KMYM	I	P	03 26 37.8	+10 +5 (–)	S	4.2	49 44 38	– – –			愛知・三重県境 Central Honshu 35.1°N 136.7°E h=20 Km
	NGY	II	P	26 38.2	(+) –1 (–)	iS	4.4	35 54 29	0 0 0			
	HKN	0	P	26 42.2		iS	5.7					
	NR	0	e	26 47.4								
	KYT	0	P	26 48.5		iS	10.1					
	OSK	0	eP	26 52.–		eS	19.–					
	SMT	0	e	27 02.1		S	20.8					
	TYOK	0	eP	27 03.6		iS	19.8					
	SMSK	0	eP	27 11.5		eS	15.9					
	TKMT	0	eP	27 14.6								
26	HRSM	0	e	17 33 49.–								
	HND	0	e	35 11.2								
	TKMT	0	eP	35 43.–								
	KOCH	0	e	35 44.1						e	5 42.7	
	KOB	0	e	52 25.–								
	KMYM	0	e	18 30 13.–								
26	MTYM	0	eP	23 13 43.3		eS	7.0					
	KOCH	0	eP	13 46.0		eS	2.6					
27	NGY	0	eP	03 46 16.–		eS	56.–					
	HKN	0	eP	46 33.8		eS	45.2					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	eP	46 29.4		eS	43.4					
	KYT	0	P	46 35.6		S	1 0.2					
	NR	0	e	46 36.2								
27	KYT	0	eS	19 57 31.9								
28	UWJM	0	i	10 53 39.7								
29	NGY	0	eP	04 44 07.—		eS	1 11.—	65 40	3 2			福島県沖
	NR	0	e	44 14.2								Off E
	HKN	0	P	44 14.7		S	1 13.0					coast of
	KYT	0	eP	44 20.4		eS	1 12.0					N
	KMYM	0	eP	44 22.1						e	12.2	Honshu
	OSK	0	eP	44 28.—		eS	1 22.—	86 66	4 4			37.0° N
	TYOK	0	eP	44 31.9	(—)							141.6°E
	HRSM	0	e	44 32.1								h=40 Km
	SMT	0	eP	44 32.7		S	1 37.9					
	KOB	0	eP	44 35.6						e	2 6.5	
	TTR	0	e	44 35.8								
	SMSK	0	eP	44 39.8		eS	1 11.3					
	SIG	0	e	44 45.3								
	MTE	0	e	44 46.2								
	HMD	0	eP	45 03.4		eS	2 5.4					
	MTYM	0	eP	45 04.0						e	32.9	
	KOCH	0	eP	45 12.0						e	1 10.6	
29	MTYM	0	e	12 42 10.1								
29	NGY	0	eP	16 56 02.5		iS	5.9					
	KYT	0	iS	56 22.0								
30	HKN	0	eP	19 52 38.3								
	NGY	0	eP	52 38.—		eS	1 4.—					
	KYT	0	eP	52 45.0		eS	1 12.3					
	KMYM	0	e	53 35.—								
30	MTE	II	iP	23 45 04.8		iS	1.7	25 48	1 1			
	NGY	II	iP	45 05.0	(—) (—) (—)	iS	3.3	47 22 50	0 0 0			
	OKYM	I	P	45 17.9		iS	13.2					

Date	Station	S. L.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period sec N E Z	Pha.	P~Pha. m s	Remarks
	HRSM	0	eP	45 21.6		eS	14.4					島根県
	TTR	0	eP	45 21.7		S	11.0					東 部
	MTYM	0	eP	45 28.3		eS	19.0					Wo f
	SMT	0	eP	45 32.7		iS	23.0					Honshu
	KOCH	0	eP	45 33.8		eS	22.9					35.3° N
	TKMT	0	e	45 38.2								133.1° E
												h=0 Km
31	MTE	0	iP	23 47 42.2		iS	2.1					
	YNG	0	eP	47 44.4		iS	1.7					
31	SMSK	0	eP	0 22 3 54.3		eS	5 54.9			e	1 34.0	
	SMZ	0	eP	23 57.7		eS	5 43.3					
	MTYM	0	eP	24 03.0		eS	5 23.5					
	KOCH	0	P	24 03.3	(+) (+)	eS	5 42.5	130 87 51	20 14 14	e	1 30.7	
	OSK	0	eP	24 06.3		e	7 27.5			e	2 32.0	
	SMT	0	P	24 06.6	+1 −3 (+)	eS	5 33.5			e	9 2.2	New−
	KMYM	0	P	24 08.1	(+) (+)	eS	6 2.9					guinea
	KYT	0	eP	24 08.5		eS	5 49.7					3° S
	KOB	0	eP	24 09.2						e	9 14.6	140° E
	NGY	0	P	24 09.7	+3 (+)	eS	5 39.−			e	1 44.−	
	HRSM	0	eP	24 12.7						e	8 55.0	
	TKMT	0	eP	24 13.6		eS	5 41.8					
	HKN	0	P	24 14.5		eS	6 1.7			e	1 30.3	
	TYOK	0	P	24 16.2		e	1 33.0			e	9 10.0	
	HMD	0	P	24 17.7	+1 −1 (+)	S	5 53.2			i	9 18.5	
	YNG	0	e	24 18.0						e	1 34.0	
	MTE	0	P	24 21.2		S	6 9.4					
	TTR	0	e	24 22.8								
	SIG	0	eP	24 26.0						e	9 32.1	
31	WKYM	0	eP	04 27 56.6		eS	1.0					
31	NGY	0	eP	05 37 50.−						e	3 15.−	
	KYT	0	eP	37 53.1						e	3 7.7	
	HKN	0	P	37 59.2								
	TTR	0	e	38 00.4								

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Date	Station	S. I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	SMT	0	e	38 00.8								
	OSK	0	eP	38 04.4								
	MTE	0	e	38 04.5						e	2 12.–	
	SIG	0	eP	38 07.4						e	3 13.7	
	KMYM	0	e	38 08.–							3	
	HMD	0	eP	38 08.5		eS	3 9.2			e	3 2.–	
	TKMT	0	e	38 10.4								
	HRSM	0	e	38 21.8						e	3 8.3	
	KOCH	0	e	38 38.9								
										i	2 42.0	
31	WKYM	I	eP	13 43 28.2		eS	1.0	34 29	— —			
31	SMZ	II	iP	14 09 28.2	–44 –61 (–)	iS	9.3	500 1000 500	2 2 2			
	UWJM	II	iP	09 33.5	–60 –18	iS	9.9	260 480	2 2			
	KOCH	0	P	09 40.7	(–) (–) (–)	S	17.1	85 120 100	5 5 2			日向灘
	MTYM	I	iP	09 42.0	+6 (+)	iS	18.0	160 290 90	— — —			
	MRTM	0	eP	09 47.7		eS	22.8					Off E coast of Kyushu 32.4 °N 132.3 °E h = 40Km
	HRSM	0	eP	09 49.5	+7 –1 (+)	eS	23.6	63 89 85	2 3 2			
	HMD	0	P	09 55.8	+4 +1 (+)	S	27.5	130 63	3 2			
	TKMT	0	eP	09 59.3		S	28.3	92 75 44	3 3 4			
	TRGS	0	iP	10 00.1		iS	25.5					
	OKYM	0	iP	10 04.0	(–) (–) (–)	iS	32.8	50 60 30	1 2 2			
	SMSK	0	eP	10 07.8		eS	42.1					
	MTE	0	eP	10 08.6		iS	41.6					
	TKSM	0	iP	10 09.1		eS	31.0	50 90 20	1 1 1			
	YNG	0	P	10 10.5		eS	39.8					
	SMT	0	iP	10 11.7	+3 +3 (+)	iS	32.8					
	WKYM	0	eP	10 11.8		eS	34.3	46 23 15	2 2 4			
	HMJ	0	eP	10 13.6		S	37.7					
	KYT	0	eP	10 13.7						e	41.7	
	TTR	0	eP	10 14.1		S	44.2					
	KOB	0	eP	10 19.7		eS	36.9					
	HKN	0	P	10 23.4		S	57.6					
	TYOK	I	eP	10 23.5		eS	52.3	160 100 40	1 1 –			

Date	Station	S. I.	Pha.	Time (J.T.S) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OSK	0	eP		10	24.3				eS		39.1	13	0	19	0	3	4				
	NGY	0	eP		10	24.–				S		57.–	78		36		3	3		i	1	26.–	
	SIG	0	eP		10	25.8				iS		52.3										
	NR	0	e		10	25.9				S		49.0										
	KMYM	0	eP		10	27.1				eS		50.9										
	MIZR	0	eP		10	31.6				eS		42.5										
31	NR	0	e	14	17	44.7																
	KYT	0	eS		17	48.0																
	HKN	0	P		17	54.8				S		59.9										
	NGY	0	iP		17	58.2																
31	KYT	0	eS	14	21	40.7																
	HKN	0	eP		21	49.5																
31	SMZ	I	iP	14	33	22.2			(+)	iS		8.9	73		57	34	1	1	1			
	UWJM	I	eP		33	28.4				iS		10.5	70		20		—	—				
	MTYM	I	iP		33	39.5				iS		19.0										
	KOCH	0	eP		33	39.7				eS		19.0										
	MRTM	0	eP		33	42.3				eS		24.3										
	HRSM	0	eP		33	46.8				eS		27.0										
	HMD	0	eP		33	55.4	(←)			eS		29.8										日向灘
	OKYM	0	P		34	00.1				iS		32.4										Off E
	TKMT	0	eP		34	02.–				eS		22.–										coast of
	MTE	0	eP		34	07.8				S		36.5										Kyushu
	SMT	0	eP		34	10.4				iS		28.8										
	HMJ	0	eP		34	14.0				eS		32.4										32.4 °N 132.2 °E
	TRGS	0	e		34	21.9																h=40 Km
	HKN	0	eP		34	29.3				eS	1	3.9										
	TYOK	0	e		34	29.–																
	KYT	0	P		34	29.6				eS		45.5										
	NR	0	e		34	43.7																
	TTR	0	e		34	52.6																
	NGY	0	eP		34	56.–																
	KMYM	0	e		35	07.–																

Date	Station	SI.	Pha	Time (J.S.T.) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha	P-Pha. m	s	Remarks
	OSK	0	ePn		35	12.3																
	SIG	0	eS		35	16.6																
31	HKN	0	eP	16	24	38.7																岩手県沖
	NGY	0	eP		24	46.–				eS	1	20.–										39.8°N
	KYT	0	eP		24	54.8				eS	1	26.2										143.0°E
																						h=40Km

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Report of Earthquakes
(Station not eqipped with Seismograph)

37年7月

Date	Station		Prefecture	SI.	Time (J.S.T.)	Character of tremor	Earth-quake sound	Duration of tremor
1	Hiwasa	日和佐	Tokushima	Ⅲ	05h 51m	R		S
3	〃	〃	〃	Ⅱ	05 50	R		S
	Saijyō	西条	Ehime	Ⅰ	52	S L		L
	Tanabe	田辺	Wakayama	Ⅰ	08 22	V R		V S
5	Hiwasa	日和佐	Tokusima	Ⅱ	18 40	R		L
	Sakasu	坂州	〃	Ⅱ	40	R		S
11	Shuzan	周山	Kyōto	Ⅱ	12 10	R	heard	S
12	Kameyama	亀山	〃	Ⅰ	00 30	S L		V S
15	Ōsu	大州	Ehime	Ⅰ	13 18	S L		S
17	Naruto	鳴門	Tokushima	Ⅱ	09 48	V R	heard	S
23	Hiwasa	日和佐	〃	Ⅱ	09 01	R		S
	〃	〃	〃	Ⅱ	20 25	R		S
	Naruto	鳴門	〃	Ⅱ	26	R		S
	Tanabe	田辺	Wakayama	Ⅱ	26	V R		V S
	Saijyō	西条	Ehime	Ⅰ	26	R		S
30	Sakai	境	Tottori	Ⅱ	23 45	R		S
	Hinokami	日野上	〃	Ⅰ	57	S L		V S
31	Saijyō	西条	Ehime	Ⅰ	02 13	S L		S

Remarks

VR: very rapid（極急）　　VS: very short（極急）

R : rapid （急）　　S : short （急）

SL: slow （緩）　　L : long （緩）

JUL 05 1963

International Seismological Centre

大阪管区

地震月報

昭和37年8月

THE MONTHLY REPORT OF EARTHQUAKES

August 1962

大阪管区気象台

The Osaka

District Meteorological Observatory

Japan

Epicenter of the major felt earthquakes in west of Honshu Shikoku

August 1962



August 1962

No	Date	Origin Time (J.S.T)	Epicenter				Max. S.T.
			Location	Lat.	Long.	Depth	
1	19	15h 42m	和歌山県中部 W of Honshu	33.8°N	135.4°E	50Km	Ⅲ
	26	15 49	三宅島付近 Off s coast of Honshu	34.8	139.5	20	

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Number of earthquakes

August 1962

Station \ S.I.	O	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	170	–	–	–	–	–	–	–	170
Himeji	6	–	–	–	–	–	–	–	6
Kōbe	25	1	–	–	–	–	–	–	26
Kyoto	223	2	–	–	–	–	–	–	225
Ma izuru	10	–	–	–	–	–	–	–	10
Nara	65	–	–	–	–	–	–	–	65
Ōsaka	68	–	–	–	–	–	–	–	68
Shionomisaki	39	–	–	–	–	–	–	–	39
Sumoto	44	–	1	–	–	–	–	–	45
Toyooka	37	–	–	–	–	–	–	–	37
Wakayama	25	2	–	–	–	–	–	–	27
Chugoku district									
Hamada	11	–	–	–	–	–	–	–	11
Hiroshima	36	–	–	–	–	–	–	–	36
Matsue	23	–	–	–	–	–	–	–	23
Okayama	23	–	–	–	–	–	–	–	23
Saigo	7	1	–	–	–	–	–	–	8
Tottori	14	–	–	–	–	–	–	–	14
Yonago	15	–	–	–	–	–	–	–	15
Shikoku district									
Kōchi	37	–	–	–	–	–	–	–	37
Matuuyama	27	–	–	–	–	–	–	–	27
Murotomisaki	19	–	–	–	–	–	–	–	19
Shimizu	14	1	–	–	–	–	–	–	15
Takamatsu	64	–	1	–	–	–	–	–	65
Tokushima	31	–	1	–	–	–	–	–	32
Tsurugisan	6	–	–	–	–	–	–	–	6
Uwajima	5	1	–	–	–	–	–	–	6

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Remarks

HMD :Hamada MRTM:Murotomisaki TTR :Tottori
HKN :Hikone NR :Nara TYOK:Toyooka
HMJ :Himeji OKYM:Okayama TRGS:Tsurugisan
HRSM:Hiroshima OSK :Ōsaka UWJM:Uwajima
KOCH:Kōchi CIG :Saigō WKYM:Wakayama
KOB :Kōbe SMZ :Shimizu YNG :Yonago
KYT :Kyoto SMSK:Shiomisaki NGY :Nagoya
MIZR:Mizuru SMT :Sumoto OWS :Owashi
MTE :Matsue TKMT:Takamatsu KMYM:Kameyama

Period 0 : <0.4 sec
1 :0.5~0.4sec
2 :1.5~2.4 sec
.....

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
1	SMT	0	i	07 5447.3								
	SMSK	0	e	5454.5								
	NR	0	e	5454.8								
	KMYM	0	e	5506.2		eS	130					
1	TKMT	0	eP	08 3838.1								
1	TKMT	0	eP	10 4933.7		eS	5 160					
1	OWS	0	P	13 4415.2						e	139.9	
	KOCH	0	eP	4415.3		eS	6 24			pp	143.1	
	HRSM	0	eP	4418.1		eS	6 20					
	SMT	0	i	4420.8		e	1 345			L	8 59.7	Newgu-inea
	TKMT	0	eP	4422.8		eS	5 369					0°S
	NGY	0	eP	4422.-						e	136.-	145°E
	KMNM	0	eP	4423.4		eS	6 51					
	KYT	0	eP	4425.8		e	5 489			pp	130.8	
	HKN	0	P	4428.0						e	858.2	

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	TTR	0	e	44 29.3								
	YNG	0	e	44 31.6								
	MTE	0	e	44 31.9								
	OSK	0	eP	44 33.4		e	4 40.-			e	1 55.-	
	TYOK	0	eP	44 33.5		e	9 4.1			e	1 42.2	
	SIG	0	eP	44 34.8		e	9 26.8			e	1 44.7	
	SMSK	0	e	44 48.0								
	KOB	0	e	53 22.9								
1	HKN	0	eP	20 57 09.7		iS	3.3					
	NR	0	eP	57 25.1		eS	9.1					
	KYT	0	iS	57 27.6								
1	SMZ	0	eP	22 39 06.3			6.8					
	MTYM	0	eP	39 23.4		eS	17.5					
3	NGY	0	iP	18 15 58.9	(-)					e	4 1.-	
	HKN	0	eP	16 00.3		S	4 2.8					
	KMYM	0	eP	16 01.5		eS	4 0.8					
	TYOK	0	iP	16 02.8		S	4 7.3			i	30.1	
	TKMT	0	eP	16 06.7		eS	4 8.7					
	NR	0	e	16 07.4								
	KYT	0	P	16 14.8						e	1 4.8	
	SMSK	0	e	16 32.8								
3	NGY	0	eP	19 17 23.-		eS	32.-					九十九里浜 35.3°N 140.4°E h=60Km
	KMYM	0	e	17 40.-								
	KYT	0	P	17 54.9		S	32.4					
4	SMZ	0	eP	15 10 19.9		S	12.8					
5	WKYM	0	eP	05 19 33.3		eS	1.3					
5	KOCH	0	eP	05 51 11.6		eS	5.7					
	SMZ	0	eP	51 14.5		S	8.8					
5	KYT	0	iS	07 21 16.1								
5	SMZ	0	e	10 48 46.8								
5	SMZ	1	P	23 34 08.6		iS	7.4	130 44	1 1			日向灘
	UWJM	1	eP	34 13.6		iS	10.2	20	-			Off E

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha	P~Pha. m s	Remarks
	MTYM	0	iP	3424.1		iS	22.0					coast of
	KOCH	0	eP	3425.0		eS	18.2					Kyushu
	MRTM	0	eP	3430.6		eS	20.5					32.4°N
	HRSM	0	eP	3433.5		eS	26.5					132.4°E
	TKMT	0	eP	3441.8		eS	34.1					h=20Km
	HMD	0	eP	3442.5		eS	37.2					
	TKSM	0	eP	3443.2		iS	29.8					
	OKYM	0	P	3445.1		S	30.4					
	SMT	0	eP	3452.0		eS	32.6					
	MTE	0	e	3452.3			5					
	TTR	0	e	3502.8		eS	45.2			c	43.6	
	TYOK	0	eP	3504.1		eS	51.3					
	SIG	0	eP	3512.2		eS	48.4					
	HKN	0	eP	3514.9		S	1 4.4					
	KYT	0	P	3519.5		S	41.-					
	NR	0	e	3519.6								
	KMYM	0	eP	3526.6		eS	45.3					
	NGY	0	eP	3528.-		eS	58.-					
	OSK	0	e	3541.0								
5	TKSM	0	iP	23 4645.6		iS	2.0					
6	SMSK	0	eP	05 1911.1		eS	7.3					
	NR	0	e	1955.3								
	NGY	0	eP	2016.-								
6	NGY	0	eP	08 5518.-		eS	52.-					
6	NGY	0	eP	18 2453.-		eS	1 2.-					金華山沖 38.8°N 141.7°E h=0Km
	KYT	0	P	2505.4		S	48.1					
7	NGY	0	eP	05 0449.-		eS	31.-					
	KYT	0	P	0505.7		S	34.8					
	KMYM	0	e	0508.-								
7	HKN	0	eP	09 2341.2		S	28.3					
	KYT	0	eS	2413.4								
7	NGY	0	eP	19 4400.-								

Date	Station	S.I	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
7	SMZ	0	eP	14 55 19.5		eS	7.0					日向灘
	UWJM	0	eP	55 26.6		S	9.0					Off E coast of Kyushu 32.5°N 132.3°E h= 20 Km
	KOCH	0	eP	55 36.9		eS	17.8					
	MTYM	0	eP	55 38.0		iS	18.5					
	KMYM	0	e	57 16.-								
7	KMYM	0	e	19 45 10.-								
8	NGY	(1)	eP	15 54 17.-		eS	7.-					
9	NGY	0	eP	02 56 45.-		eS	46.-					福島県沖
	KMYM	0	eP	56 54.5		eS	51.5					Off E coast of N Honshu 37.1N 141.4E h=40 Km
	HKN	0	eP	56 55.2		eS	52.3					
	KYT	0	eP	56 56.9		eS	52.7					
	NR	0	e	57 00.3								
	TKMT	0	eP	58 01.6								
9	SMZ	0	eP	19 45 07.3		iS	39.7					屋久島南西沖 Off S coast of Kyushu 29.5N 129.8E h=140 Km
	MRTM	0	eP	45 15.9		eS	58.0					
	UWJM	0	eP	45 20.-		eS	31.5					
	MTYM	0	eP	45 27.2		eS	35.5					
	TKMT	0	eP	45 28.0		S	1 3.5					
	TKSM	0	eP	45 34.0								
	SMT	0	eP	45 37.8		eS	1 4.3					
	TYOK	0	eP	45 55.3		iS	1 7.4					
	KOCH	0	eP	45 56.5						e	10.9	
	NR	0	eP	46 00.5		eS	1 2.0					
	KYT	0	eP	46 04.4		eS	1 1.0					
	HRSM	0	e	46 04.9								
	NGY	0	eP	46 07.-		S	1 24.-					
	OKYM	0	eP	46 11.6		eS	1 1.8					
	HMD	0	eP	46 20.2						e	39.3	
	KMYM	0	eP	46 39.9						e	34.7	
	WKYM	0	eP	46 40.0								
	OWS	0	eP	46 49.4						e	10.2	
	HKN	0	eP	47 07.9						e	17.8	

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Date	Station	S.I	Pha	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha	P~Pha m s	Max Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha	P~Pha m s	Remarks
	OSK	0	e	47 03.-						e	23.-	
10	MIZR	0	e P	08 34 54.9		eS	2.5	45 370	0 0			京都府北部
	KYT	0	i P	35 00.4		iS	5.7					35.3°N
	NR	0	e P	35 06.3		eS	9.9					135.5° E
												h≒0Km
10	NGY	0	e P	23 48 22.-		eS	1 5.-					
11	KYT	0	e P	10 57 50.9								
	NR	0	e	57 52.5								
11	KOCH	0	e P	13 58 45.7		iS	113					
11	MTYM	0	e P	15 55 56.5		iS	7.0					
11	SMZ	0	e P	17 18 18.8						e	225.2	
	MTYM	0	e P	18 26.6						e	5 37.0	台湾
	MRTM	0	e P	18 26.9						e	2 2.3	東方沖
	UWJM	0	i	18 28.0						i	1 1.0	
	KOCH	0	e P	18 28.3						e	2 21.3	Off E
	HRSM	0	e	18 35.9								Coast
	HMD	0	i P	18 37.7	-48-44(-	S	2 38.0					of
	TRGS	0	e	18 39.1								Formasa
	TKMT	0	e P	18 39.4		eS	2 20.9					
	TKSM	0	e P	18 45.0						i	21.5	
	SMSK	0	e P	18 46.5		eS	2 49.1					
	SMT	0	e	18 47.3						e	3 35.4	24.0°N
	MTE	0	e	18 48.6						e	3 17.2	122.5°E
	TTR	0	e	18 50.8								h=100
	KOB	0	e	18 50.-						e	18.2	Km
	YNG	0	e P	18 51.8								
	OWS	0	P	18 55.4		S	2 52.5					
	KYT	0	e P	18 58.0						e	4 10.1	
	HMJ	0	e	18 58.3								
	SIG	0	i S	18 59.1								
	WKYM	0	e	19 01.0								
	NR	0	e	19 03.4								
	KMYM	0	P	19 04.0		eS	2 52.4					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	TYOK		eP	19 04 3						e	3 57.0	
	OSK	0	eP	19 05.-		eS	2 55.-	100 110	5 4			
	HKN	0	P	19 06.3		S	3 18.0			e	12 3.0	
	NGY	0	eP	19 10.3	+1 +3 (+	eS	3 8.-	71	3	e	12 1.-	
11	NGY	0	eP	17 34 50.-		eS	37.-					
13	OKYM	0	eP	00 55 42.6		iS	58					
	TKMT	0	eS	55 53.8								
	HRSM	0	i	56 01.2								
13	OKYM	0	P	00 56 16.6		iS	52					
	HRSM	0	i	56 35.2								
13	NR	0	eP	09 25 46.3		eS	66					
13	KYT	0	eS	10 59 51.6								
14	KYT	1	iP	09 25 29.2		iS	42	948424	0 0 0			京都府 中部 35.2°N 135.5°E h=20Km
	MIZR	0	eP	25 32.7		e	45					
	HKN	0	eP	25 38.6		eS	78					
15	SMSK	0	eP	11 46 35.5		S	45.0					
	OWS	0	eP	46 36.7		S	44.1					鳥島近海 Off S coast of Honshu 31.8°N 140.2°E h=100Km
	KMYM	0	P	46 40.5		S	50.0					
	NGY	0	iP	46 41.6	(-	S	49.0			e	38.0	
	OSK	0	eP	46 46.-		eS	55.-					
	NR	0	eP	46 47.3						e	23.2	
	HKN	0	P	46 48.6		S	53.3					
	KYT	0	eP	46 48.7		eS	54.9					
	TKMT	0	eP	46 57.8		S						
	KOCH	0	eP	47 03.6		eS	59.4					
17	SMSK	0	P	12 26 52.7		S	4.9					和歌山県 南部 W of Honshu
	OWS	0	iP	27 06.9						e	0.7	
	KMYM	0	eP	27 13.3						e	16.4	
	MRTM	0	eP	27 19.0		eS	52					
	NGY	0	eP	27 20.-		eS	25.-					
17	SMZ	0	e	14 09 50.5						j	7.2	
	KOCH	0	eP	09 58.4		eS	4 26.0					

Date	Sation	S.I.	Pha	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp(μ) N E Z	Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	HRSM	0	e P	10 00.5		eS	4 38.0					
	MTYM	0	i P	10 01.5		eS	4 30.5					Phillip-
	HMD	0	e P	10 04.9		eS	4 29.1					pin
	TKMT	0	e P	10 06.6		eS	4 29.3					
	SMSK	0	e P	10 07.2		eS	4 22.1					
	TKSM	0	e P	10 09.6								
	MTE	0	e	10 11.8								10.6°N
	SMT	0	i	10 12.4						e	4 36.4	121.6°E
	OWS	0	e P	10 12.7								h=33 Km
	KOB	0	e P	10 14.6								
	KYT	0	e P	10 16.6		eS	4 38.5					(U.S.C.
	NGY	0	e P	10 16.-								GS)
	OSK	0	e P	10 17.-						es	5 18.-	
	TYOK	0	e P	10 19.1								
	HKN	0	e P	10 22.4						e	5 48.0	
	KMYM	0	P	10 24.6						e	38.6	
17	NGY	0	e P	16 21 35.-		eS	18.-					
17	NGY	0	e	20 39 58.-								
19	KYT	0	e S	01 52 59.1								
19	KYT	0	e S	02 55 20.7								
19	NGY	0	e P	04 21 54.-		eS	1 10.-					
19	OKYM	0	P	10 09 58.6		iS	6.0					
19	WKYM	I	e P	15 42 34.8		eS	7.7	320 190 50	1 1 1			
	SMSK	0	i P	42 37.3	+15 -11 (-)	S	8.1	71 44 35	2 1 2			和歌山県
	SMT	II	i P	42 38.2	+2 -1 (+)	iS	8.8	180 110 32	0 0 0			中部
	TKSM	II	i P	42 39.0	-8 -19 (+)	iS	9.6	380 360 120	1 1 1			W of
	OWS	II	i P	42 40.5	(+) (-) (+)	S	9.5	127 73 121	- - -			Honshu
	KOB	I	e P	42 41.7		eS	11.4	86 140 39	0 1 0			33.8°N
	MRTM	0	i P	42 42.1	-10 -27 (+)	iS	13.0					135.4°E
	OSK	0	i P	42 42.5	+5 +3 (+)	iS	10.9	72 130	2 2			h=50Km
	TRGS	0	e P	42 42.7		iS	11.0					
	NR	II	i P	42 45.1	+10 +6 (+)	iS	13.0	170 130	0 0			

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Date	Station	S.I.	Pha	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha	P~Pha. m s	Remarks
	TKMT	II	e P	42 45.2		S	13.9	120 120 51	1 1 1			
	HMJ	0	P	42 45.3	-4	S	14.4					
	KYT	I	i P	42 47.5	+6 +5 (+)	i S	14.6	76 39 22	1.3 0.4 0.7			
	KMYM	0	P	42 49.6	-4 +2 (-)	S	15.4					
	KOCH	0	P	42 49.8	(-) (-)	i S	17.4	35 20 14	0 0 0			
	OKYM	I	i P	42 50.6	(-) (+)	i S	17.8	180 110 30	1 1 1.			
	SMZ	0	e P	42 53.1						e	28.7	
	HKN	0	P	42 54.1		S	19.7					
	TYOK	0	i P	42 54.7	-6 (+) (-)	i S	10.8	300 190 100	1 1 1			
	MIZR	0	e P	42 55.0		e S	18.2					
	NGY	0	P	42 57.0	+3 +1 (+)	e S	22.5					
	MTYM	0	e P	42 58.5		i S	23.0					
	TTR	0	P	42 58.7		S	23.3					
	YNG	0	i P	43 01.5		i S	27.0					
	HRSM	0	e P	43 02.0		i S	27.3					
	MTE	0	i	43 10.2						i	28.6	
	SIG	0	e P	43 15.3		e S	36.0					
	WMD	0	e P	43 17.2		e S	23.3					
19	HMD	0	e	20 13 44.5						e	9 27.7	
	HRSM	0	e	22 29.-								
19	NGY	0	e P	23 43 29.-		e S	55.-					
20	HMD	0	e P	03 34 08.2		e	8 57.9			i.	13 21.9	
	HRSM	0	e	34 10.-								
	TKMT	0	e P	34 21.0								
	KOCH	0	e P	34 21.2						e	14 37.1	Mongolia
	SMT	0	e	34 27.0								
	TKSM	0	e P	34 28.4								
	KYT	0	e P	34 29.2						e	1 54.6	44.6°N 81.7°E h=33Km
	HKN	0	e P	34 34.8								
	NGY	0	P	34 35.8	(-)							(U.S.C. G.S)
	OSK	0	e P	34 43.1								
22	MTYM	0	e	05 41 24.9								

Date	Station	S.I.	Pha	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha	P-Pha m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha	P-Pha m s	Remarks
23	NGY	0	eP	12 41 37.-			9					
24	OSK	0	eP	19 02 06.4		S	2.9					
	KYT	0	iS	02 16.6								
24	NR	0	e	23 48 08.4								
	WKYM	0	eP	48 09.5		eS	0.4					
	SMT	0	e	48 16.0								
	KYT	0	iS	48 16.4								
25	NGY	0	eP	03 59 58.-		eS	32.-					
	KYT	0	eS	04 00 37.-								
25	NGY	0	eP	05 16 57.-								
	KYT	0	eS	17 30.-								
25	NGY	0	eP	05 21 12.-		eS	28.-					
	KYT	0	eP	21 33.2		eS	30.5					
25	NGY	0	eP	06 04 17.-								
	KYT	0	e	05 50.-								
25	NGY	0	eP	06 28 10.-								
25	NGY	0	P	07 42 58.7								
	KYT	0	eP	43 24.9		eS	41.0					
25	NGY	0	eP	07 50 15.-		eS	29.-					
	KMYM	0	eP	50 20.2		eS	29.1					
	HKN	0	eP	50 24.6		eS	32.2					
	KYT	0	eP	50 26.2		eS	41.9					
	NR	0	e	50 26.2								
	TYOK	0	e	50 30.9						e	50.2	
	OSK	0	e	50 31.3						e	48.4	
	WKYM	0	eP	50 41.5		eS	29.4					
	TKMT	0	eP	50 49.3		eS	46.1					
	OWS	0	iP	50 59.0						e	26.4	
	SMT	0	i	51 19.0								
	KOCH	0	e	51 47.1						e	12.5	
25	NGY	0	eP	08 20 17.-								
25	NGY	0	eP	08 34 17.-								

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Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max.Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha	P~Pha. m	s	Remarks
25	NGY	0	eP	09	46	16.-																
	KYT	0	eS		46	51.8																
25	NGY	0	eP	09	47	56.-																
25	NGY	0	eP	09	51	07.-																
	KYT	0	eP		51	40.0				eS	49.4											
25	NGY	0	eP	10	07	47.-																
	KYT	0	eP		07	52.5				eS	38.5											
25	NGY	0	eP	10	51	32.-				eS	35.-											
	KYT	0	eP		51	41.8				eS	35.3											
	HKN	0	eP		52	01.0																
25	NGY	0	eP	11	16	17.-																
	KYT	0	eP		16	25.7				eS	37.1											
25	NGY	0	eP	11	18	51.-																
25	NGY	0	eP	11	46	37.-																
	KYT	0	eP		47	23.4																
25	NGY	0	eP	11	57	40.-																
	KYT	0	eP		58	06.3																
25	NGY	0	eP	13	42	02.-				eS	30.-											
	KYT	0	eP		42	11.2				eS	38.1											
	HKN	0	eP		42	17.4																
	TKMT	0	eP		43	23.7																
25	KMYM	0	e	14	12	37.-																
25	KYT	0	e	14	54	32.6																
25	NGY	0	eP	15	16	51.-																
	KYT	0	eS		17	10.4																
25	NGY	0	eP	15	26	57.-																
	KYT	0	eS		27	31.0																
25	KYT	0	eS	17	42	06.7																
	NGY	0	eP		42	06.-																
	HKN	0	eP		42	09.3																
	TKMT	0	eP		42	17.8																
	TKMT	0	e		44	57.-																

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Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
25	KYT	0	e	17	52	13.7																
25	NGY	0	eP	19	04	27.-																
25	NGY	0	eP	21	25	36.-																
	KYT	0	e		25	36.-																
26	NGY	0	eP	00	08	24.-				S	26.-											
	KMYM	0	e		08	33.7																
	HKN	0	eP		08	34.8				eS	30.9											
	KYT	0	eP		08	35.3				eS	37.6											
	NR	0	e		08	37.2																
	TKMT	0	eP		08	55.-													e	22.6		
26	NGY	0	eP	00	30	32.-				eS	27.-											
	KMYM	0	e		30	33.1				eS	33.7											
	HKN	0	eP		30	41.9				eS	34.8											
	NR	0	e		30	43.2																
	KYT	0	eP		30	45.9				eS	33.3											
	TYOK	0	eP		30	58.2				eS	41.5											
	TKMT	0	eP		31	04.2				eS	50.-											
	OSK	0	e		31	28.-							75			5						
	MTYM	0	eP		31	34.6				eS	1	22.0										
	KOCH	0	e		32	21.5													e	55.2		
26	NGY	0	eP	00	46	47.-				eS	30.-											
	HKN	0	eP		46	58.7				eS	35.8											
	KMYM	0	e		47	01.5				eS	25.0											
	KYT	0	eP		47	04.1				eS	35.2											
	NR	0	e		47	04.6																
	TYOK	0	eP		47	16.3				eS	42.4											
	TKMT	0	eP		47	23.3																
26	NGY	0	eP	01	31	15.-				eS	32.-											
	KYT	0	eP		31	26.6				eS	31.6											
	HKN	0	eP		31	30.2																
26	NGY	0	eP	01	42	51.-				eS	32.-											
	HKN	0	eP		42	57.5																

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Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion (μ) N E Z	Pha.	P-Pha m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P-Pha m s	Remarks
	KMYM	0	eP	42 58.4						e	25.-	
	KYT	0	eP	43 01.8		eS	37.6					
	NR	0	eP	43 01.9		eS	33.7					
	TKMT	0	eP	43 24.3								
	KYOK	0	eP	43 27.0								
26	NGY	0	eP	01 45 47.-								
	KYT	0	eS	46 39.-								
26	KYT	0	e	03 41 17.-								
26	NGY	0	eP	04 07 09.-								
	KYT	0	eP	07 21.2		eS	33.0					
	NR	0	e	07 24.3								
	HKN	0	eP	07 50.9								
26	NGY	0	iP	15 49 32.6	-17 +24 (-)	eS	29.-	350 220 120	2 3 4			
	KMYM	0	iP	49 36.7	-6 +9 (-)	S	31.1	600 130 240	4 3 4			三宅島
	OWS	0	iP	49 39.1	(+) (+) (-)	S	31.2	448 99 64	4 8 5			付近
	HKN	0	iP	49 42.4	-13 +19 (-)	iS	33.9	290 160 71	3 2 2			Off S
	NR	0	eP	49 43.4		eS	37.2	120	1			coast
	SMSK	0	eP	49 44.6		S	32.8	65 80 28	8 9 6			of
	KYT	0	iP	49 44.9	-4 +10 ( )	iS	36.1	180 120	9 3			Honshu
	OSK	0	eP	49 47.-		eS	43.-	420 440 180	6 6 2	i	37.-	
	WKYM	0	eP	49 50.4		eS	40.4	68 38	2 2			
	KOB	0	eP	49 50.7		eS	40.0					34.1°N
	MIZR	0	eP	49 51.4	-2 +4 (-)	eS	46.6					139.5°E
	SMT	0	iP	49 53.6		iS	42.6	80 53 30	11 8 8			h=20Km
	HMJ	0	P	49 55.9		S	44.9					
	TYCK	0	P	49 56.8	+6 (-)	S	46.5	240 190	2 2	e	20.3	
	MRTM	0	eP	50 00.2		eS	51.6					
	TKSM	0	iP	50 01.6		iS	48.8	26				
	TKMT	0	eP	50 02.8		iS	49.5	37 6 10	2 9 2			34.0°N
	TRGS	0	eP	50 04.8		iS	46.2					139.2°E
	OKYM	0	P	50 04.8		S	52.0					h=38Km
	TTR	0	eP	50 06.0		eS	1 0.6					

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Date	Station	S-I	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	YNG	0	eP		50	12.6				eS	1	1.6										
	KOCH	0	eP		50	13.9				eS		59.1	250	190	63	11	9	8				(U.S.C. G.S)
	MTYM	0	iP		50	17.3				iS	1	15.0										
	SMZ	0	eP		50	18.0													e	1	4.5	
	SIG	0	eP		50	20.8				S	1	8.6										
	MTE	0	eP		50	21.1													e		57.6	
	HRSM	0	e		50	21.7				eS	1	0.7										
	UWJM	0	eP		50	23 0				eS	1	10.4										
	HMD	0	iP		50	25.1	+2	(-)		eS	1	9.5										
26	NGY	0	eP	16	21	14.-				eS		29.-										
	KMYM	0	e		21	16.-																
	HKN	0	eP		21	17.1																
	KYT	0	eP		21	19.5				eS		32.0										
26	OWS	0	eP	18	05	20.6				eS		43.2										
26	NGY	0	eP	19	56	56.-				eS		30.-										
	HKN	0	eP		57	24.7																
	KYT	0	eS		57	30.-																
26	WKYM	0	eP	21	58	37.6				eS		1.0										
26	NGY	0	eP	22	40	17.-				eS		28.-										
	KYT	0	eP		40	23.4				eS		39.6										
	HKN	0	eP		40	26.9																
27	NGY	0	eP	00	33	20.-																
27	WKYM	0	eP	03	18	07.8				eS		0.6										
27	NGY	0	eP	01	32	01.-																
	KYT	0	eS		32	46.-																
27	NGY	0	eP	04	58	47.-																
	HKN	0	eP		58	57.5																
	KYT	0	eP		59	03.7				eS		35.2										
27	NGY	0	eP	07	35	46.-				eS		29.-										
	KMYM	0	P		35	50.1				S		29.6										三宅島
	NR	0	e		35	55.4																近海
	HKN	0	P		35	56.2				S		35.1										

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Date	Station	S.I	Pha	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha	P-Pha m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha	P-Pha m	s	Remarks
	OSK	0	e P		35	56.4				e S		43.7							1	155.4		Off S coast of Honshu
	OWS	0	P		35	59.1				S		32.8										
	SMSK	0	e P		35	59.3				S		31.8										
	KYT	0	e P		36	00.2				e S		36.7										
	KOB	0	e		36	03.-				e S		40.-										
	SMT	0	e P		36	06.6				i S		42.4										
	WKYM	0	e P		36	08.2				e S		35.2	9	6		-	-		e			
	TRGS	0	e		36	10.4																
	TYOK	0	e P		36	10.9																
	TKSM	0	i P		36	19.2																
	TKMT	0	e P		36	20.6				e S		45.7										
	KOCE	0	e P		36	26.3				e S		52.8										
	YNG	0	e P		36	34.8				e S	1	1.0										
	HMD	0	P		36	44.2				e S	1	3.6										
	HRSM	0	e		37	41.1																
27	NR	0	e	08	30	15.9																
27	HKN	0	e P	08	38	14.2																
	KYT	0	e S		38	15.-																
27	WKYM	I	e P	09	45	28.7				e S		1.0	24	15		-	-					
	SMT	0	e P		45	33.6				i S		2.8										
27	SMZ	0	e P	10	32	59.7				e S		9.8										
27	NGY	0	i P	11	20	17.5	+0	+1	(-)	i S	1	3.7										秋田県西方沖 Off E coast of N Honshu 40.4° N 137.5° E h=20Km
	HKN	0	P		20	18.2				S	1	5.2										
	KMYM	0	P		20	22.6				e S	1	0.0										
	KYT	0	e P		20	23.3				e S	1	6.0										
	OSK	0	e P		20	25.4				e S	1	17.4							e	17.1		
	NR	0	e		20	26.5																
	TKSM	0	i P		20	44.3																
	TKMT	0	e P		20	47.0				e S	1	12.-										
	TYOK	0	e		20	-																
27	NGY	0	e P	18	00	27.-																
27	NGY	0	e P	18	42	37.-																

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Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max Amplitude Amp. (μ) N	E	Z	Period (see) N	E	Z	Pha.	P-Pha. m	s	Remarks
28	NGY	0	eP	00	47	25.-																
	HKN	0	eP		47	27.6																
	KMYM	0	e		47	27.-																
28	NGY	0	eP	01	21	26.-				eS	1	6.-	67	47		3	3					
	HKN	0	P		21	33.4				eS	1	14.5										
	KMYM	0	eP		21	37.8				eS	1	9.1										
	KYT	0	eP		21	38.2				eS	1	14.4										
	OWS	0	eP		21	39.7													e	44.6		金華山沖 Off E Coast of N Honshu 38.2°N 142.6°E h=46Km
	NR	0	e		21	40.7																
	TYOK	0	P		21	44.8																
	OSK	0	eP		21	46.7				eS	1	9.2	58			5						
	MRTM	0	e		21	46.8													e	2 23.2		
	KOB	0	e		21	47.-				e	1	46.0										
	SMSK	0	eP		21	50.4																
	TTR	0	e		21	52.9																
	SIG	0	e		21	54.9																
	TKSM	0	eP		21	59.2																
	TKMT	0	eP		21	59.5				eS	2	12.-										
	MTE	0	eP		22	05.1				eS	1	38.3										
	SMT	0	e		22	12.2													e	1 33.7		
	MTE	0	eP		22	16.4				eS	2	37.5										
	HRSM	0	e		22	16.5																
	HMD	0	P		22	19.5	-1	+1	(-)	eS	1	43.7										
	KOCH	0	eP		22	20.5													e	1 35.6		
	SMZ	0	e		24	58.0																
28	NGY	0	eP	03	12	24.-				eS		33.-										
28	NGY	0	eP	07	33	47.-																
	HKN	0	eP		34	27.9																
28	KYT	0	eP	08	00	00.8				eS		32.8										
28	HRSM	0	eP	08	11	30.4				S		8.3										岡山県東部 W of Honshu
	OKYM	0	iP		11	32.0				iS		8.0										
	MTYM	0	eP		11	33.0				iS		11.0										

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Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha	P-Pha m s	Remarks
	KOCH	0	eP	11 38.9		eS	13.9					34.7°N
	HMD	0	eP	11 41.4		eS	7.2					133.2°E
	YNG	0	iS	11 46.4								h≡ 20Km
	SMT	0	i	12 03.3								
	MRTM	0	e	12 07.0								
28	NGY	0	eP	08 27 42.-		eS	30.-					
	HKN	0	eP	27 55.8								
	KMYM	0	e	28 08.-								
	NR	0	e	28 30.1								
28	NGY	0	eP	08 33 32.-								
	KYT	0	eS	34 09.7								
28	HKN	0	eP	08 36 51.0								
	NGY	0	eP	36 55.-		eS	31.-					
	KYT	0	eP	37 16.0		eS	33.9					
	KMYM	0	e	37 28.-								
	OWS	0	eP	37 35.6								
	NR	0	e	37 39.1								
	SMSK	0	e	37 45.8								
28	NGY	0	eP	08 38 36.-		eS	31.-					
	HKN	0	eP	38 51.1		eS	30.6					
	KMYM	0	e	39 06.-								
	OSK	0	eP	39 18.3						e	2 41.9	
	KYT	0	eS	39 20.6								
	SMT	0	e	39 41.2						e	1 21.6	
	TKMT	0	eP	39 49.-								
28	NGY	0	eP	08 39 57.-		eS	30.-					
	KMYM	0	eP	40 08.7		S	29.5					
	HKN	0	eP	40 20.5		eS	32.9					
	SMSK	0	e	40 27.0								
	TKSM	0	eP	40 27.0								
	OWS	0	eP	40 34.6								
	KYT	0	eS	40 49.9								

Date	Station	S.L	Pha.	Time (J.S.T) h	m	s	Initjal Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	MRTM	0	e		41	25.4													e	1	48.0	
	KOCH	0	e		41	30.0																
	TTR	0	e		42	32.7																
28	HKN	0	eP	08	42	43.8				eS	32.0											
	NGY	0	eP		42	44.-				eS	27.-											
	OWS	0	eP		42	47.4				S	28.8											
	KYT	0	eP		42	53.7				eS	37.9											
	KOB	0	e		43	01.-																
	SMT	0	eP		43	03 7				S	48.3											
	WKYM	0	e		43	05.5																
	OSK	0	e		43	20.4																
	KOCH	0	eP		43	24.3													e	1	2.9	
	SMSK	0	e		43	27.1																
	MTYM	0	e		43	35.3																
	NR	0	e		43	43.1																
	TKMT	0	eP		44	51.1																
	MTE	0	e		44	32.4																
28	HKN	0	eP	08	47	10.7																
	NGY	0	eP		47	13.-																
	KYT	0	eS		47	40.0																
28	HKN	0	eP	08	50	16.5																
	NGY	0	eP		50	21.-																
	KYT	0	eS		50	51.3																
28	NGY	0	eP	08	52	03.-																
28	NGY	0	eP		56	34.-																
	HKN	0	eP		56	46.9																
	KYT	0	eS	08	57	23.1																
28	NGY	0	eP		57	53.-				eS	31.-											
	KMYM	0	e		58	26.-																
	KYT	0	eS	9	58	41.7																
	TKMT	0	e	09	59	13.-																
28	NGY	0	e	09	04	37.-																

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Injtial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
28	NGY	0	eP	09	13	53.-				eS		29.-										
	KMYM	0	eP		13	58.8				eS		29.4										三宅島
	OWS	0	eP		13	59.5				eS		30.6										付近
	HKN	0	eP		14	03.3				eS		33.7										Off S
	NR	0	e		14	04 1																coast of
	SMSK	0	eP		14	06.2				eS		32.7										Honshu
	KYT	0	eP		14	06.5				eS		36.6										
	OSK	0	eP		14	12.4				e		34.0							e	47.6		
	WKYM	0	eP		14	13.2				eS		39.8										
	KOB	0	e		14	16.-																
	SMT	0	e		14	13.1													i	33.3		34.2°N
	MRTM	0	e		14	22.7													e	21.4		139.5°E
	TKMT	0	eP		14	27.9				eS		44.7										h=20Km
	KOCH	0	eP		14	29.4				eS		57.9										
	TTR	0	e		14	43.0				eS												
	MTYM	0	eP		14	48.6				eS	1	16.0										
	HMD	0	eP		14	52.6				eS	1	3.3										
	MTE	0	e		14	59.4				S												
	HRSM	0	e		15	31.-																
	SIG	0	eS		15	43.7																
28	OWS	0	eP	09	18	56.6				S		35.1										
	NGY	0	eP		18	57.-				S		30.-										
	KMYM	0	eP		18	59.6				eS		31.0										
	HKN	0	P		19	06.2				eS		34.5										
	NR	0	e		19	06.7																
	KYT	0	eP		19	08.6				eS		38.3										
	KOB	0	e		19	14.-																
	SMT	0	e		19	19.6													e	39.2		
	TKMT	0	eP		19	28.6				eS		46.2										
	SMSK	0	e		19	37.0																
	TYOK	0	e		19	38.8													e	36.7		
	WKYM	0	e		19	53.0																

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	MTYM	0	e		20	47.6																
28	NGY	0	eP	09	30	00.-				eS		28.-										三宅島附近 Off S coast of Honshu 34.2°N 139.5°E h= 20Km
	OWS	0	eP		30	03.4				S		31.9	66									
	KMYM	0	P		30	03.7				eS		30.0	66			4						
	OSK	0	eP		30	07.8																
	HKN	0	P		30	08.5				S		35.0							e		43.3	
	SMSK	0	eP		30	09.2				eS		32.1										
	NR	0	e		30	10.2																
	KYT	0	eP		30	12.7				eS		35.2										
	KOB	0	e		30	18.-				S		40.-										
	SMT	0	eP		30	20.8				S		41.3										
	WKYM	0	eP		30	20.9				eS		38.2	9		10		-	-				
	TYOK	0	eP		30	24.7																
	TKSM	0	iP		30	27.0				iS		38.8										
	MSTM	0	eP		30	33.2				S		49.5										
	TKMT	0	eP		30	33.7				eS		52.1										
	TTR	0	e		30	34.4																
	HRSM	0	e		30	37.-																
	KOCH	0	eP		30	38.5				eS		52.2										
	SIG	0	eP		30	47.9				eS	1	5.8										
	MTE	0	e		30	48.5																
	HMD	0	eP		30	53.8				eS	1	8.0										
	MTYM	0	e		30	55.1				eS	1	5.0										
	YNG	0	eS		31	43.3																
28	NGY	0	eP	09	35	13.-																
	HKN	0	eP		35	17.4																
	KYT	0	eS		35	54.4																
28	TKSM	0	iP	09	39	37.0																
28	NGY	0	eP	09	30	57.-																
	HKN	0	eP		41	24.8																
	KYT	0	eS		41	36.0																
28	HKN	0	eP	09	44	56.5																

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	NGY	0	eP		45	03.-																
	KYT	0	eS		45	31.5																
28	NGY	0	eP	09	52	23.-																
	HKN	0	eP		52	26.3																
	KYT	0	eP		52	45.0				eS	19.2											
28	HKN	0	eP	10	02	08.3				e												
	KMYM	0	e		02	09.-																
	KYT	0	eP		02	10.4				eS	38.4											
	NGY	0	eP		02	27.-																
28	NGY	0	eP	10	04	17.-																
	KMYM	0	e		04	25.-																
	HKN	0	eP		04	31.7				eS	30.7											
	KYT	0	eS		04	51.2																
28	NR	0	e	10	41	21.2																
28	NGY	0	eP	10	15	47.-																
	KYT	0	eS		16	20.6																
28	NGY	0	eP	10	39	02.-																
	HKN	0	eP		39	28.3																
	KYT	0	eS		40	01.2																
28	NGY	0	eP	10	41	17.-																
	KMYM	0	eP		41	20.7				eS	31.4											
	OWS	0	eP		41	23.2				S	23.4											
	HKN	0	eP		41	23.9				eS	33.5											
	KYT	0	eP		41	25.8				eS	35.3											
	OSK	0	e		41	37.-																
	KOB	0	e		41	40.-				eS	57.5											
	TKMT	0	eP		41	44.6				S	47.9											
	SMT	0	e		42	14.5																
	HMD	0	eP		42	25.8				S	1 12.5											
28	HKN	0	eP	10	43	38.4																
	NGY	0	eP		43	39.-																
	OWS	0	eP		43	47.0																

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max.Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	KYT	0	eS		44	02.6																
28	KMYM	0	eP	10	46	31.4				eS		31.0										
	NGY	0	eP		46	32.-				eS		29.-										
	KYT	0	eP		46	41.7				eS		33.5										
	NR	0	e		46	42.8																
	HKN	0	P		46	44.0				S		35.6										
	OSK	0	e		46	46.-																
	KOB	0	e		47	00.-																
	OWS	0	eP		47	02.7																
	SMT	0	e		47	28.7																
	TKMT	0	eP		47	46.0																
	HMD	0	eP		47	48.7				S	1	9.4										
28	NGY	0	eP	11	10	20.-																
	HKN	0	eP		10	28.8																
	KYT	0	eS		11	09.7																
28	NGY	0	eP	11	15	44.-				eS		28.-										
	KMYM	0	eP		15	49.1				eS		30.4										
	HKN	0	eP		15	54.2				eS		34.2										
	KYT	0	eP		15	56.6				eS		38.0										
	NR	0	e		16	02.3																
	OWS	0	eP		16	14.5																
	OSK	0	e		16	16.-																
	KOB	0	e		16	44.-																
	SMT	0	e		16	45.0				e		56.4										
	TKSM	0	eP		16	56.8																
	TKMT	0	eP		17	16.0				eS		54.0										
	KOCH	0	e		17	18.9													e		58.9	
	KYT	0	eS		17	33.0													e		58.9	
	MTYM	0	e		17	49.7				S												
	HMD	0	eP		18	08.0				S	1	8.5										
28	NGY	0	eP	11	22	10.-																
	HKN	0	eP		22	18.3																

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Date	Sration	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	KYT	0	eS		22	54.2																
28	NGY	0	eP	11	32	07.-																
	KYT	0	eP		32	17.2				eS		36.3										
	HKN	0	eP		32	26.5																
28	NGY	0	eP	11	47	10.-																
	HKN	0	eP		47	11.5																
	KYT	0	eS		47	45.3																
28	NGY	0	eP	11	50	13.-				eS		29.-										
	KMYM	0	eP		50	18.5				eS		29.6										
	OWS	0	eP		50	22.4				S		27.1										三宅島
	HKN	0	eP		50	24.1				eS		34.7										付近
	NR	0	e		50	25.3																Off S
	KYT	0	eP		50	26.4				eS		37.1										Coast
	OSK	0	eP		50	28.-				eS		44.-										of
	SMT	0	eP		50	34.0				eS		41.6										Honshu
	TKSM	0	eP		50	40.3				iS		47.1										34.2°N
	WKYM	0	e		50	42.6																139.5E
	TKMT	0	eP		50	45.8				S		42.8										h≡20Km
	KOCH	0	e		50	56.6													e		48.1	
	MTYM	0	eP		51	03.0				eS	1	39.5										
	HMD	0	eP		51	05.7				S	1	7.0							e		2 14.2	
	MTE	0	e		51	10.5																
	KOB	0	eP		51	12.-													e		44.2	
	MIZR	0	e		51	13.0																
	TKOK	0	eS		51	26.2																
	SMSK	0	e		51	28.0																
	SIG	0	e		51	40.3																
28	NGY	0	eP	11	57	15.-																
	KYT	0	e		57	43.3																
28	NGY	0	eP	12	51	24.-																
	HKN	0	eP		51	33.8																
	KYT	0	eS		52	08.5																

Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
28	NGY	0	eP	13	11	47.-																
	KYT	0	eS		12	27.2																
28	NGY	0	P	14	25	13.0				iS		5.6										
	KMYM	0	eP		25	17.1				S		8.0										
	HKN	0	eP		25	20.0				eS		10.1										
	KYT	0	iS		25	37.9																
28	HKN	0	eP	14	41	50.2				eS		31.6										
	NGY	0	eP		42	04.-				eS		35.-										
	KMYM	0	eP		42	14.4				eS		31.8										
	NR	0	e		42	23.6																
	KYT	0	eP		42	27.1				eS		35.0										
	OSK	0	e		42	35.-																
	OWS	0	eP		42	48.0																
	HMD	0	eP		42	59.5				eS	1	9.3										
	SMSK	0	e		43	00.0																
	KOB	0	e		43	17.-				S		46.-										
28	HKN	0	eP	15	23	42.1				eS		31.6										
	KYT	0	eP		23	42.3				eS		33.3										
	NGY	0	eP		23	47.-																
	KMYM	0	e		24	04.-																
28	OWS	0	eP	15	31	29.4				S		36.1										
	NGY	0	eP		31	30.-				eS		28.-										
	KMYM	0	eP		31	33.8				S		30.3										
	HKN	0	eP		31	39.9				eS		32.9										
	NR	0	eP		31	40.5				eS		35.0										
	KYT	0	eP		31	42.7				eS		36.4										
	OSK	0	e		31	51.6													e	30.3		
	SMT	0	eP		31	54.1																
	TKMT	0	eP		32	02.8				eS		46.1										
	WKYM	0	e		32	05.6													e	37.8		
	SMSK	0	eP		32	16.4																
	HMD	0	eP		32	20.9				eS	1	9.5										

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Date	Station	S.L.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	TKSM	0	iP		32	42.6																
	TYOK	0	eP		32	57.7				eS		43.2										
	KOCH	0	e		33	04.4																
28	HKN	0	eP	15	40	16.6																
	NGY	0	eP		40	18.-																
	KYT	0	eS		40	50.4																
28	NGY	0	eP	16	48	55.-																
	HKN	0	eP		48	55.9																
	KYT	0	eP		49	05.9				S		37.6										
	KMYM	0	e		49	26.-																
28	NGY	0	eP	16	54	45.-																
	HKN	0	eP		55	01.9																
	KMYM	0	e		55	16.-																
	KYT	0	eS		55	28.7																
28	NGY	0	eP	16	58	57.-				S		29.-										房総沖
	HKN	0	eP		59	04.8																
	KYT	0	eS		59	50.9																
28	NGY	0	eP	17	13	47.-				eS		30.-	96	71		3	3					
	OWS	0	P		13	50.2				S		31.5										
	KMYM	0	eP		13	51.8				S		29.7	200	90		4	4					
	HKN	0	P		13	54.6				S		35.6	96	54	39	4	2	3				三宅島
	NR	0	eP		13	56.7				eS		43.6										付近
	KYT	0	eP		13	58.3				eS		32.5										Off s
	SMSK	0	eP		14	00.9				S		32.5										Coast of
	WKYM	0	eP		14	05.8				eS		39.9	13	16		2	2					Honshu
	MIZR	0	eP		14	07.0				eS		40.6										
	SMT	0	iP		14	07.2				S		41.4										34.2°N
	OSK	0	eP		14	08.-				eS		47.-	130	130	40	5	4	3	i		20.-	139.5°E
	HMJ	0	eP		14	12.1				eS		42.4										h=20Km
	TYOK	0	eP		14	12.4							50			2			e		48.6	
	KOB	0	e		14	13.-																
	TTR	0	e		14	15.3																

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Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	TRGS	0	eP		14	15.8				eS		48.9										
	TKMT	0	eP		14	18.7				eS		47.8										
	MRTM	0	eP		14	19.2													e		45.2	
	TKSM	0	iP		14	19.6				eS		47.5										
	KOCH	0	eP		14	27.2				eS		58.	144	37		11	10					
	HRSM	0	e		14	30.-																
	SMZ	0	eP		14	31.5													e	1	17.6	
	MTYM	0	eP		14	37.7				eS	1	36.5										
	MTE	0	eP		14	38.5				iS	1	39.1										
	HMD	0	P		14	40.8		+1(-)		eS	1	7.7										
	SIG	0	eP		14	53.4				eS	1	11.8										
	YNG	0	eS		15	24.3																
28	HKN	0	eP	17	35	13.0																
	KYT	0	eS		35	14.1																
28	HKN	0	eP	17	39	25.5																
	KYT	0	eS		39	51.8																
28	HKN	0	eP	18	20	50.2																
28	NGY	0	eP	18	21	23.-				S		30.-										
	KYT	0	eS		22	14.4																
28	NGY	0	eP	18	50	07.-				S		30.-										
	HKN	0	eP		50	16.1																
	KYT	0	eS		51	03.0																
28	NGY	0	eP	19	37	17.-																
	HKN	0	eP		37	52.1																
	KYT	0	eS		38	01.0																
28	HRSM	0	e	20	12	10.-																
	TKMT	0	eS		12	18.-																
	KYT	0	eS		12	18.6																
	HKN	0	eP		12	20.6				eS		46.1										
	NGY	0	eP		12	25.-																
28	NGY	0	eP	20	16	58.-				eS		28.-										
	OWS	0	eP		17	01.1				S		33.7										

Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp. (μ) m	s	Period (sec) N	E	Z	Pha.	P-Pha m	s	Remarks
	KMYM	0	eP	17	03	4				S	30	7									三宅島
	HKN	0	P	17	08	9				S	34	4									付近
	NR	0	eP	17	10	9				eS	38	0									Off S
	KYT	0	eP	17	11	6				eS	36	7									coast
	SMSK	0	eP	17	12	7				eS	32	6									of
	OSK	0	eP	17	13	9				eS	51	0						e	33	1	Honshu
	WKYM	0	e	17	17	4															
	SMT	0	eP	17	19	8				eS	38	0									
	HMJ	0	P	17	22	9				S	44	6									
	TYOK	0	eP	17	23	-															
	TKSM	0	eP	17	27	7				iS	44	1									
	TKMT	0	eP	17	33	1				eS	46	8									
	TTR	0	e	17	35	0															
	KOCH	0	eP	17	40	4				eS	54	9									
	HMD	0	eP	17	52	2				eS	1	8 5									
	KOB	0	e	18	38	-															
28	HKN	0	eP	20	25	55	-														
	NGY	0	eP		26	10	-														
	KYT	0	eS		26	28	5														
28	HMD	0	e	20	35	02	7			e	4	16.9						e	49.5		
28	NGY	0	eP	23	27	05	-														
	HKN	0	eP		27	12	8			eS		31 5									
	KMYM	0	eP		27	14	-														
	KYT	0	eP		27	15	7			eS		32 3									
29	NGY	0	eP	01	11	33	-														
	HKN	0	eP		11	44	4														
	KYT	0	eP		11	44	5			S		34 5									
	KMYM	0	e		12	02	-														
29	HKN	0	eP	01	16	08	9														
	NGY	0	eP		16	17	-														
	KYT	0	eS		16	47	5														
29	HKN	0	eP	01	51	43	6			S		58									

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha m	s	Max. Amplitude Amp(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha m	s	Remarks
	KYT	0	iS		51	51.9																
29	KYT	0	eS	07	22	25.-																
29	NGY	0	eP	07	47	22.-																
	HKN	0	eP		47	30.9				eS.		35.0										
	KYT	0	eP		47	33.9				eS		38.0										
	KMYM	0	e		47	49.-																
29	KYT	0	eS		56	21.-																
29	NGY	0	eP	08	07	15.-																
	HKN	0	eP		07	19.7																
	KMYM	0	e		07	23.-																
	KYT	0	eP		07	24.1				eS		37.8										
	SMT	0	e		08	03.5																
	OSK	0	e		08	09.-																
29	HKN	0	eP	08	16	50.2																
	NGY	0	eP		16	56.-																
	KYT	0	eP		17	05.3				S		32.3										
	KMYM	0	e		17	11.-																
29	NGY	0	eP	10	34	37.-				eS		30.-										
	KMYM	0	e		34	45.-				eS		28.-										
	HKN	0	eP		34	50.5				eS		31.1										
	KYT	0	eP		34	54.6				eS		34.8										
29	NGY	0	eP	10	41	00.-																
29	NGY	0	eP	11	13	39.-				eS		29.-										
	KMYM	0	eP		13	42.0				eS		30.6										三宅島
	OWS	0	eP		13	44.6				S		30.7										付近
	HKN	0	P		13	48.9				eS		33.9										Off S
	NR	0	e		13	51.0																coast
	KYT	0	eP		13	51.7	(+)	(+)		eS		38.1										of
	SMSK	0	iP		13	52.4				eS		31.5										Honshu
	OSK	0	eP		13	57.-				eS		44.-							e		34.-	
	SMT	0	eP		14	02.7				eS		38.9										
	TKSM	0	eP		14	05.0				eS		43.5										

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	WKYM	0	e		14	07.1																
	TYOK	0	eP		14	07.8				eS		43.8										
	TKMT	0	eP		14	10.4				eS		47.5										
	KOB	0	e		14	31.-																
	HMD	0	eP		14	35.1				eS	1	7.2										
29	NGY	0	eP	12	10	38.-				eP		31.-										
	HKN	0	eP		10	49.8				eS		34.3										
	KYT	0	eP		10	52.7				eS		35.3										
	KMYM	0	e		10	52.-																
	OSK	0	e		11	43.-																
29	KYT	0	eP	14	17	48.6				eS		35.1										
	NGY	0	eP		17	52.-																
29	NGY	0	eP	17	28	24.-																
	HKN	0	eP		28	28.0				eS		35.4										
	KMYM	0	e		28	31.6				eS		27.1										
	KYT	0	eP		28	37.4				eS		38.2										
	OSK	0	e		29	40.-																
29	NGY	0	eP	17	35	09.-				eS		32.-										
	KMYM	0	eP		35	17.5				eS		30.7										
	HKN	0	eP		35	26.9				eS		33.2										
	NR	0	e		35	27.9																
	KYT	0	eP		35	28.2				eS		33.5										
	TKMT	0	eP		35	49.7				eS		43.3										
	TYOK	0	eP		35	59.0																
	OSK	0	e		36	08.-																
29	WKYM	0	eP	23	13	55.6																
30	NGY	0	P	00	14	58.7				S		27.7										三宅島付近 Off S coast of Honshu
	OWS	0	eP		14	04.1				S		29.9										
	KMYM	0	eP		14	14.4				eS		29.4										
	HKN.	0	P		14	08.5				S		34.8										
	KYT	0	eP		14	12.6				eS		33.6										
	SMSK	0	eP		14	12.7				eS		30.8										

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P~Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P~Pha. m s	Remarks
	NR	0	e	14 12.9								
	OSK	0	eP	14 18.-		eS	50.-					
	KOB	0	e	14 19.-		eS	38.-					
	SMT	0	e	14 21.3								
	WKYM	0	e	14 22.6						e	41.9	
	TYOK	0	eP	14 29.4								
	TKSM	0	iP	14 29.6								
	MRTM	0	e	14 32.1								
	KOCH	0	eP	14 40.1								
	TKMT	0	eP	14 45.4		eS	37.2			e	1.4	
	MTYM	0	eP	14 55.0		eS	1 11.5					
	MTE	0	eP	14 56.1		eS	58.6					
	HMD	0	P	14 58.2	-1 (+)	eS	1 6.5					
30	NGY	0	eP	00 24 08.-								
	KYT	0	eP	24 21.8		eS	37.8					
	HKN	0	eP	24 22.7		eS	30.6					
	OSK	0	e	25 03.-								
30	NGY	0	eP	01 11 35.-								
	KMYM	0	eP	11 37.2		eS	31.8					
	HKN	0	eP	11 44.6		eS	34.6					
	KYT	0	eP	11 45.6		eS	30.6					
	OSK	0	e	12 06.-								
	NR	0	e	12 06.9								
	TKSM	0	eP	12 13.6		iS	34.0					
	SMSK	0	e	12 21.1								
	KOCH	0	e	12 27.0		S	39.9					
	SMT	0	e	12 37.6								
	HMD	0	eP	12 56.5		eS	1 8.0					
30	NGY	0	eP	01 18 50.-								
	KMYM	0	e	18 54.-						e	31.-	
	HKN	0	eP	19 00.8								
	KYT	0	eP	19 01.8		eS	36.2					

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P~Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P~Pha. m	s	Remarks
	OSK	0	e		19	47.-																
30	HKN	0	eP	01	22	28.9																
	KYT	0	eS		32	32.0																
	NGY	0	eP		32	33.-																
30	MTYM	0	eP	02	39	30.5				eS	1	16.0										
30	OWS	0	P	02	11	12.2																
	NGY	0	eP		41	40.-																
	KMYM	0	e		41	45.-				eS		28.-										
	KYT	0	eP		41	49.5				eS		31.2										
	NR	0	e		51	50.9																
	HKN	0	eP		51	51.1				eS		31.8										
	OSK	0	e		51	55.-																
	SMT	0	e		22	37.6																
	HMD	0	eP		23	12.8				eS	1	10.6										
30	NGY	0	eP	02	28	42.-																
	HKN	0	eP		28	51.6																
	KMYM	0	e		28	58.-																
	KYT	0	eS		29	21.6																
30	NGY	0	eP	02	39	39.-				eS		28.-										
	KMYM	0	eP		39	45.1				S		29.0	87			4						三宅島付近
	OWS	0	eP		39	46.4				S		27.5										Off S coast of Honshu
	SMSK	0	eP		39	48.2				eS		32.2										
	HKN	0	eP		39	48.3				eS		41.4										
	KYT	0	e		39	51.5				eS		34.6										
	NR	0	eP		39	51.9																
	OSK	0	eP		39	53.-																
	KOB	0	e		39	58.-				eS		40.-										
	TYOK	0	eP		40	02.6																
	SMT	0	eP		40	03.8				S		38.1										
	MIZR	0	eP		40	03.8				eS		56.6										
	WKYM	0	e		40	04.3				S												
	TKSM	0	eP		40	07.3				eS		38.2										

Date	Station	S.I.	Pha	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	MRTM	0	eP		40	13.2				eS		41.4										
	KOCH	0	eP		40	16.7				eS	1	0.6										
	MTE	0	eP		40	33.9																
	HMD	0	eP		40	36.4				eS	1	4.1										
	SIG	0	eP		40	40.3				eS	1	8.0										
	HRSM	0	e		41	18.-																
30	NGY	0	eP	03	05	35.-																
	HKN	0	eP		05	38.5				eS		34.7										
	KYT	0	eP		05	39.9				eS		23.9										
	KMYM	0	e		05	40.-																
	OSK	0	e		05	52.-																
30	WKYM	0	e	03	23	01.8																
30	NGY	0	eP	03	28	16.-																
30	NGY	0	eP	03	29	17.-																
	KMYM	0	e		29	30.-																
	KYT	0	eP		29	32.5				eS		31.4										
	HKN	0	eP		29	39.7				eS		31.0										
	OSK	0	e		29	52.-																
30	NGY	0	eP	03	33	23.-																
	KMYM	0	eP		33	39.3				S		31.9										
	OWS	0	eP		33	30.5				eS		27.0										
	HKN	0	eP		33	31.9																
	KYT	0	eP		33	35.4				eS		37.6										
	SMSK	0	eP		33	36.2				S		31.4										
	NR	0	e		33	38.9																
	OSK	0	eP		33	40.-				S		46.-										
	WKYM	0	e		33	51.5																
	MRTM	0	e		33	53.1													e	1	53.3	
	TYOK	0	eP		34	00.-				eS		40.-										
	HMD	0	eP		34	04.0				eS	1	8.1										
	KOCH	0	eP		34	05.2				eS		59.0										
	MTE	0	e		34	19.8																

Date	Station	S.L	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	SMT	0	e		34	24.9																
30	KMYM	0	e	03	36	45.-				eS		36.-										
	NGY	0	eP		36	47.-																
	KYT	0	eP		36	50.6				eS		33.6										
	NR	0	e		36	20.9																
	HKN	0	eP		36	23.5																
30	NGY	0	eP	03	42	03.-																
30	NGY	0	eP	03	44	47.-																
	HKN	0	eP		45	26.9																
30	NGY	0	eP	03	46	05.-																
	KYT	0	eS		46	35.7																
30	HKN	0	eP	03	48	46.7																
	NGY	0	eP		48	47.-																
	KYT	0	eS		49	29.8																
30	NGY	0	eP	03	52	24.-																
	HKN	0	eP		52	27.5																
	KYT	0	eS		53	02.1																
30	TKSM	0	eP	03	54	05.2																
30	NGY	0	eP	03	58	37.-																
	HKN	0	eP		58	43.7																
	KYT	0	eS		59	13.5																
30	NGY	0	eP	04	00	47.-																
	HKN	0	eP		01	09.5				eS		33.1										
	KYT	0	eP		01	11.6				eS		34.9										
	NR	0	e		01	20.8																
	OSK	0	e		01	25.-																
30	NGY	0	eP	04	03	41.-																
	KYT	0	eS		04	32.2																
30	NGY	0	eP	04	11	49.-																
	KMYM	0	e		11	58.-																
	KYT	0	eP		12	05.7				eS		30.0										
30	NGY	0	eP	04	19	47.-																

Date	Station	S.I	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	KYT	0	eS	20 35.7								
	OSK	0	e	22 06.-								
30	NGY	0	eP	04 22 48.-								
	KMYM	0	eP	22 57.4		eS	29.5					
	HKN	0	eP	22 59.5		eS	33.6					
	KYT	0	eP	23 01.5		eS	31.5					
	NR	0	e	23 05.2								
	OSK	0	e	23 18.-								
30	NGY	0	eP	04 30 01.-								
	KYT	0	eP	30 12.6		eS	38.1					
	KMYM	0	e	30 13.-		eS	28.-					
	HKN	0	eP	30 14.8		eS	33.8					
30	NGY	0	eP	04 37 09.-		eS	30.-					
	KMYM	0	eP	37 14.6		eS	33.3					
	OWS	0	eP	37 15.7		eS	28.8					
	HKN	0	eP	37 19.5		eS	34.0					
	SMSK	0	eP	37 20.4		eS	32.5					
	NR	0	e	37 21.8								
	KYT	0	eP	37 22.2		eS	37.9					
	OSK	0	e	37 24.-								
	TYOK	0	eP	37 -								
	TKSM	0	eP	37 46.3								
	KOCH	0	e	37 58.6		eS	46.7					
	SMT	0	e	38 10.6								
	MTE	0	e	38 12.8								
	HMD	0	eP	38 34.5		eS	1 7.7					
30	KMYM	0	e	04 46 36.-						e	32.-	
	NGY	0	eP	46 37.-								
	HKN	0	eP	46 44.8		eS	28.1					
	KYT	0	eP	46 44.8		eS	38.8					
	NR	0	e	47 10.8								
	OSK	0	e	47 23.-								

Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Phase m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha	P-Pha. m	s	Remarks
30	NGY	0	eP	04	55	24.-																
	HKN	0	eP		55	32.5				S		35.2										
	KMYM	0	e		55	37.-																
	KYT	0	eP		56	05.1				eS		32.3										
30	KYT	0	eP	05	03	30.7				eS		37.8										
	HKN	0	eP		03	34.6																
	NGY	0	eP		03	37.-																
30	KYT	0	e	05	10	43.-																
30	NGY	0	eP	05	11	07.-																
	KYT	0	eS		12	13.3																
30	NGY	0	eP	05	20	55.-																
	KMYM	0	eP		20	58.3				S		30.4										
	OWS	0	eP		21	03.2				S		25.6										
	HKN	0	P		21	05.0				S		32.6										
	NR	0	e		21	06.3																
	KYT	0	eP		21	07.4				eS		37.7										
	OSK	0	P		21	09.7				eS		51.-	65	37		6	4		e	37.5		
	KOB	0	eP		21	11.9				eS		41.0										
	TYOK	0	eP		21	15.1																
	SMT	0	P		21	15.5				iS		41.2										
	TKSM	0	iP		21	20.2				iS		44.7										
	MRTM	0	eP		21	25.6				eS		59.3										
	TTR	0	e		21	28.3																
	KOCH	0	eP		21	34.5				eS	1	3.1	27	21		13	11					
	MTE	0	eP		21	42.7				eS	1	0.3										
	MTYM	0	eP		21	46.5				eS	1	29.0										
	HMD	0	P		21	50.0				eS	1	8.2										
	SIG	0	e		22	00.4																
	YNG	0	e		22	26.1																
	HRSM	0	e		22	47.-																
30	NGY	0	eP	05	27	08.-																
	HKN	0	eP		27	29.2															e	30.4

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	NR	0	e		27	31.8																
	KMYM	0	e		27	46-																
	KYT	0	eS		27	58.3																
30	NGY	0	eP	05	37	37-																
	HKN	0	eP		37	53.2				S	34.1											
	KYT	0	eS		38	04.1																
30	HKN	0	eP	05	41	49.0				eS	36.7											
	NGY	0	eP		41	52-																
	KYT	0	eS		42	16.5																
30	NGY	0	eP	05	46	59-																
	KYT	0	eS		47	47.1																
30	NGY	0	eP	05	52	34-																
	KYT	0	eS		53	14.8																
30	KMYM	0	e	16	16	40-																
	KYT	0	eS		16	40.3																
	HKN	0	eP		16	43.3				S	35.6											
	HMD	0	eP		17	19.4				S	1	12.2										
30	NGY	0	eP	06	20	21-																
	KYT	0	eS		20	49.7																
30	NGY	0	eP	06	22	36-																
	HKN	0	eP		22	53.1				S	35.3											
	KYT	0	eS		23	24.6																
30	NGY	0	eP	06	28	57-																
	KMYM	0	e		29	01-																
	HKN	0	eP		29	01.7																
	KYT	0	eP		29	01.4				eS	42.4											
	OSK	0	e		29	47-																
30	NGY	0	e	06	31	10-																
	KYT	0	eS		31	29.6																
30	HKN	0	eP	06	33	51.6																
30	KYT	0	eS	06	35	18.1																
	NGY	0	eP		35	37-																

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P-Pha m s	Remarks
30	KYT	0	e	06 42 49.2								
30	KYT	0	eS	06 47 35.6								
30	NGY	0	eP	06 52 29.-								
	KMYM	0	e	52 35.-		eS	28.-					
	HKN	0	eP	52 38.2								
	KYT	0	eP	52 41.5		S	35.6					
30	NGY	0	eP	06 59 47.-								
	KYT	0	eS	07 00 29.3								
30	OWS	0	eP	07 37 26.1				50 43	10 10	e	35.3	
	NGY	0	P	37 29.1	-2 +5 (-)	S	28.2	270 200 100	3 3 2			
	KMYM	0	P	37 34.0		S	28.0	350 230 81	4 4 3			
	HKN	0	P	37 39.7		S	31.2	220 140 86	2 1 2			
	SMSK	0	eP	37 39.8		eS	32.5					三宅島
	NR	0	eP	37 40.2		S	34.6					付近
	KYT	0	eP	37 41.6	(+) (-) (+)	eS	33.7	120 69 43	5 4 8			Off S
	OSK	0	iP	37 42.8		eS	45.2	530 320 120	6 5 3	i	36.4	Coast
	KOB	0	eP	37 46.4		eS	38.5					of
	WKYM	0	eP	37 46.9		eS	40.4					Honshu
	SMT	0	iP	37 49.6		iS	41.1					34.1°N
	MIZR	0	eP	37 49.6		eS	35.3					139.5°E
	HMJ	0	P	37 50.8		S	44.2					h= 20Km
	TYOK	0	eP	37 51.2		eS	46.0	210 120	- -			
	TKSM	0	iP	37 54.6		iS	47.2					
	MRTM	0	eP	37 08.6						e	1 0.4	
	TRGS	0	eP	38 00.1		S	45.8					
	TTR	0	eP	38 05.6						e	1 10.9	
	KOCH	0	eP	38 06.4		eS	54.9	150 110 43	12 14 99			
	YNG	0	eP	38 11.6		eS	57.3					
	UWJN	0	eP	38 14.8						e	1 16.0	
	SMZ	0	P	38 14.9						e	1 7.7	
	MTE	0	eP	38 15.5		iS	57.4					
	MTYM	0	eP	38 16.0		S				e	1 41.5	

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion (μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	HRSM	0	eP	38 17.4		S	1 8.9					
	SIG	0	eP	38 23.7		iS	1 14.2					
	HMD	0	P	38 24.4	+1 (-)	S	1 6.2			i	2 2.6	
30	NGY	0	eP	08 09 30.-								
	HKN	0	eP	09 41.3								
	OSK	0	e	09 50.-								
	OWS	0	P	10 02.7								
	NR	0	e	10 03.8								
	SMSK	0	e	10 14.4								
	TKSM	0	P	10 38.8								
	KYT	0	eP	10 41.9		eS	35.4					
30	KMYM	0	e	08 32 20.-								
	NGY	0	eP	32 35.-								
	KYT	0	eP	32 43.7		eS	42.2					
	HKN	0	eP	32 46.5		S	34.8					
	NR	0	e	33 02.4								
	OSK	0	e	33 28.-								
30	NGY	0	eP	09 03 22.-								
	HKN	0	eP	03 34.0								
	KYT	0	eS	03 45.0								
30	NGY	0	e	09 17 24.-								
	KYT	0	eS	17 40.0								
30	NGY	0	eP	09 39 37.-								
	KYT	0	eP	40 01.1		eS	35.4					
30	NGY	0	eP	09 59 29.-								
	HKN	0	eP	59 39.4		eS	31.9					
	KYT	0	eS	10 00 16.2								
30	NGY	0	eP	10 04 02.-								
	HKN	0	eP	04 04.7								
	KYT	0	eP	04 05.4		eS	36.8					
	KMYM	0	e	04 17.-								
	OSK	0	e	05 00.-								

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
30	NGY	0	eP	10	20	12.-																
	KYT	0	eP		20	23.8				eS		38.7										
	KMYM	0	e		20	27.-																
	HKN	0	eP		21	20.7																
30	NGY	0	eP	11	31	52.-																
	HKN	0	eP		31	58.1																
	KYT	0	eP		32	01.1				eS		39.9										
	KMYM	0	e		32	29.-																
	OSK	0	e		32	42.-																
30	NGY	0	eP	11	43	34.-																
	HKN	0	eP		44	04.4																
	KYT	0	eS		44	16.9																
30	NGY	0	eP	11	51	14.-																
	KYT	0	eP		51	21.8				eS		39.6										
	HKN	0	eP		51	33.7																
30	NGY	0	eP	12	02	27.-				eS		33.7										
	KYT	0	eP		02	27.7				eS		36.4										
	HKN	0	eP		02	31.6				eS		33.7										
30	NGY	0	eP	13	27	17.-																
	TKMT	0	e		27	26.-																
	HKN	0	eP		27	30.5																
	KYT	0	eS		28	46.0																
30	NGY	0	eP	13	43	22.-																
	KYT	0	eS		44	43.6																
30	NGY	0	eP	13	54	37.-																
	HKN	0	eP		55	23.7																
	KYT	0	eS		55	27.8																
30	KYT	0	eS	14	05	49.1																
30	NGY	0	eP	14	09	02.-																
	KYT	0	eS		09	39.1																
30	TKMT	0	e	14	43	49.-																
30	MTYM	0	e	15	01	23.9																

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Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec.) N	E	Z	Pha.	P-Pha. m	s	Remarks
30	NGY	0	eP	15	20	20.-																
	TKMT	0	e		20	53.-																
	KYT	0	eS		21	08.7																
30	NGY	0	eP	15	51	36.-																
	KYT	0	eS		52	13.2																
30	NGY	0	eP	17	08	50.-				S	30.-											
	HKN	0	eP		09	00.2																
	KYT	0	eP		09	02.0																
	NR	0	e		09	03.7																
	OSK	0	e		09	12.-																
	TKMT	0	eP		09	43.8																
30	NGY	0	eP	17	17	33.-																
	KYT	0	eS		18	55.9																
30	NGY	0	eP	18	13	27.-				eS	30.-											
	KYT	0	eP		13	40.5				eS	34.9											
	HKN	0	eP		13	53.4																
30	NGY	0	eP	19	27	44.-																
	HKN	0	eP		27	59.5																
	KYT	0	eS		28	07.9																
	TKMT	0	e		28	41.-																
30	MIZR	0	eP	19	36	04.3																
30	NGY	0	eP	20	22	22.-				eS	28.-											
	KMYM	0	eP		22	28 3				S	35.0											三宅島付近
	HKN	0	eP		22	30.6				eS	30.3											Off S coast of Honshu
	OWS	0	eP		22	31 4				S	22.8											
	SMSK	0	eP		22	33 1				eS	32.6											
	KYT	0	eP		22	34.6				eS	36.3											
	NR	0	e		22	34 7																
	OSK	0	eP		22	40.-				eS	43.-											
	SMT	0	eP		22	45 7				eS	38.5											
	TKSM	0	eP		22	51 4																
	TTR	0	e		22	56 8																

Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	TKMT	0	eP		22	57.6				eS		52.4										
	KOCH	0	eP		23	02.5													e		48.7	
	MTE	0	eP		23	18.2																
	HMD	0	eP		23	19.8				eS	1	5.1										
	HRSM	0	e		24	15.8																
30	NGY	0	eP	20	35	44.-				S		31.-										
	KMYM	0	eP		35	47.4				eS		28.4										
	KYT	0	eP		35	49.4				eS		41.9										
	HKN	0	eP		35	51.9				S		32.8										
	NR	0	e		35	55.7																
	OSK	0	P		35	58.-													e		36.-	
	SMT	0	e		36	05.6																
	TKOK	0	eP		36	06.7				eS		44.6										
	TKMT	0	eP		36	12.4				eS		52.-										
	SMSK	0	eP		36	13.5				eS		33.0										
	HRSM	0	e		36	36.2																
	MTE	0	eP		36	42.7																
	KOB	0	e		36	42.-				eS		46.-										
30	NGY	0	eP	20	45	05.-																
	KYT	0	iS	21	00	13.1																
31	NGY	0	eP	21	03	09.-																
	HKN	0	eP		03	22.7																
	KYT	0	eS		03	52.7																
30	MTYM	0	eP	21	23	11.4				eS	1	23.0										
30	TKSM	0	eP	21	36	15.5																
30	MIZR	0	eP	21	47	06.6		-2	(+)	eS		39.7										
30	NGY	0	eP	22	09	49.-				eS		31.-										
	KMYM	0	eP		09	49.8				eS		29.0										
	HKN	0	eP		09	57.6				eS		33.1										
	KYT	0	eP		10	00.8				eS		34.4										
30	NGY	0	eP	22	46	46.-				eS		29.-										
	KMYM	0	P		46	50.0				S		30.2										

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Date	Station	S.I	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	OWS	0	iP		46	50.0				S		31.0										
	KOB	0	eP		46	52.1				eS		40.6										三宅島
	HKN	0	eP		46	54.3				S		35.0										付近
	SMSK	0	P		46	57.2				eS		32.6										Off S
	KYT	0	eP		46	58.1				eS		34.2										coast
	NR	0	e		46	58.7																of
	OSK	0	P		47	00.0				eS		44.5	48	70		6	5		e		38.-	Honshu
	MRTM	0	eP		47	04.2				S	1	0.0										
	SMT	0	eP		47	06.4				S		40.0										
	TYOK	0	eP		47	08.9				eS		46.2										
	TKSM	0	iP		47	15.0				iS		46.0										
	TKMT	0	eP		47	16.9				eS		49.6										
	MTYM	0	eP		47	22.6				eS	1	30.5										
	TTR	0	eP		47	23.4																
	KOCH	0	eP		47	24.4													e	1	4,0	
	HRSM	0	eP		47	32.5				eS	1	11.5										
	MTE	0	eP		47	34.8													e	1	2,5	
	HMD	0	P		47	41.3				eS	1	7.2										
	YNG	0	eP		47	48.4				eS	1	0.4										
	WKYM	0	e		47	56.8																
	SIG	0	eP		48	00.8				S	1	8.8										
30	HKN	0	eP	23	09	00.3																
	NGY	0	eP		09	11.-																
	KYT	0	eS		09	31.1																
31	NGY	0	eP	01	14	53.-																
	HKN	0	eP		15	02.4																
	KYT	0	eP		15	04.1				eS		37.2										
31	NGY	0	eP	02	02	48.-				S		29.-										
	KMYM	0	eP		02	56.7				eS		27.7										
	HKN	0	P		02	58.4				eS		40.1										
	KYT	0	eP		03	01.2				eS		38.6										
	OSK	0	e		03	04.-																

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion (μ) N	E	Z	Pha.	P-Phn. m	s	Max. Amplitude Amp. (μ) N	E	Z	Period (sec) N	E	Z	Pha.	P-Phn. m	s	Remarks
	SMT	0	e		03	48.4																
	TKMT	0	e		04	04.-																
31	KYT	0	eS	02	29	21.2																
	HKN	0	eP		29	23.2																
31	KMYM	0	e	03	27	52.-				eS	34.-											
	NGY	0	eP		27	55.-																
	HKN	0	eP		28	09.1																
	KYT	0	eS		28	34.7																
	OSK	0	e		29	04.-																
31	HKN	0	eP	03	41	20.3																
31	NGY	0	eP	04	16	06.-																
	KYT	0	eS		16	48.1																
31	TKMT	0	e	05	06	23.-																
31	NGY	0	eP	05	13	57.-				eS	27.-											
	KMYM	0	eP		14	06.8				eS	30.4											
	KYT	0	eP		14	09.7				eS	33.4											
	HKN	0	eP		14	11.5				eS	32.1											
	SMSK	0	eP		14	11.7				eS	32.4											
	NR	0	e		14	20.9																
	OSK	0	e		14	23.-																
	TKSM	0	eP		14	30.0																
	TKMT	0	eP		14	31.8				eS	55.4											
	KOCH	0	e		14	46.7													e		53.0	
	HMD	0	eP		14	55.3				eS	1	5.3										
	TYOK	0	e		15	21.7																
	MTE	0	e		15	54.3																
31	NGY	0	eP	05	50	02.-																
	KMYM	0	eP		50	10.0				eS	27.5											
	HKN	0	eP		50	12.2				eS	33.3											
	KYT	0	eP		50	15.0				eS	35.4											
	OSK	0	e		50	28.-																
	TYOK	0	eP		50	35.1				eS	45.8											

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Date	Station	S.I	Pha.	Time (J.S.T) h m s	Injtial Motion (μ) N E Z	Pha	P-Pha m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P-Pha m s	Remarks
	TKMT	0	e	50 54.-								
	SMSK	0	e	50 50.0								
31	NGY	0	eP	08 10 49.-								
	KMYM	0	eP	10 55.1		eS	29.6					
	HKN	0	eP	10 59.2		eS	31.9					
	KYT	0	eP	11 02.2		eS	36.0					
	NR	0	e	11 31.9								
	OSK	0	e	11 46.-								
	TKMT	0	eP	12 09.-								
31	HKN	0	eP	08 37 54.0								
	KYT	0	eS	38 27.3								
31	KMYM	0	e	08 44 52.-		eS	33,-					
	NGY	0	eP	44 56.-								
	KYT	0	eP	45 03.5		eS	37.8					
	HKN	0	eP	45 09.4		eS	32.0					
	OSK	0	e	45 40.-								
31	NGY	0	eP	09 02 29.-								
	KMYM	0	e	02 33.-		eS	30.-					
	HKN	0	eP	02 39.2		eS	34.9					
	KYT	0	eP	02 40.8		eS	37.9					
	OSK	0	e	03 28.-								
	TKMT	0	eP	03 50.4								
31	NGY	0	eP	11 28 16.-								
	KMYM	0	e	28 38.-								
	KYT	0	eS	29 03.0								
31	NGY	0	eP	13 14 50.-								
	HKN	0	eP	14 59.6								
	KYT	0	eS	15 34.3								
31	KYT	0	eS	13 28 43.8								
31	NGY	0	eP	13 33 44.-								
	KYT	0	eP	33 50.5		eS	35.5					
	HKN	0	eP	33 51.2		eS	32.5					

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Date	Station	S.L	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	e	34 13.-								
	OSK	0	e	34 50.-								
31	HKN	0	eP	13 43 39.7								
31	NGY	0	eP	13 54 28.-								
	HKN	0	eS	55 12.7								
31	KMYM	0	eP	14 17 51.8		eS	32.6					
	NGY	0	eP	17 51.-								
	KYT	0	eP	18 03.4		eS	38.2					
	HKN	0	P	18 05.0		eS	30.9					
	SMSK	0	eP	18 04.1		eS	32.4					
	NR	0	e	18 06.6								
	OSK	0	e	18 18.-						e	36.-	
	TKMT	0	eP	18 26.0		eS	44.-					
	SMT	0	e	18 49.7								
	MTE	0	e	19 35.9								
31	SMSK	0	eP	15 33 33.1		S	36.9					
	KMYM	0	eP	33 34.1		eS	37.4					
	KYT	0	eP	33 34.3		eS	39.8					
	NGY	0	eP	33 35.-		S	38.-					
	NR	0	e	33 35.5								
	SMT	0	eP	33 36.3		eS	41.1					
	HKN	0	eP	33 37.3		eS	39.1					
	OSK	0	e	33 40.-						e	34.-	
	TKMT	0	iP	33 41.7	-4	S	45.5					
	KOCH	0	eP	33 46.2		eS	47.8					
31	NGY	0	eP	16 09 51.-								
	HKN	0	eP	10 16.5								
	KYT	0	eS	11 26.1								
31	KMYM	0	e	17 11 17.-		eS	37.-					福井県
	NGY	0	eP	11 18.-		eS	37.-					中部
	KYT	0	P	11 19.1		eS	36.9					Central
	HKN	0	P	11 19.8		S	36.0					Honshu

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Date	Station	S.L	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period (sec) N E Z	Pha.	P-Pha. m s	Remarks
	NR	0	e	11 19.8								
	OSK	0	e	11 20.–								36° N
	TKMT	0	iP	11 25.4	–2 –3	S	42.9					136 1/4 ° E
31	NGY	0	eP	18 31 07.–								h=36 Km
	KYT	0	eP	31 07.1		eS	37.3					
	KMYM	0	e	31 31.–								
	HKN	0	eP	31 37.2								
31	NGY	0	eP	19 40 32.–								
	HKN	0	eP	41 16.0								
31	NGY	0	eP	22 55 47.–								
	HKN	0	eP	55 58.7								
	KYT	0	eP	55 59.7		S	38.8					
	KMYM	0	e	56 22.–								
31	NGY	0	eP	23 11 00.–								
	HKN	0	eP	11 14.5								
	KMYM	0	e	11 39.–								
31	NGY	0	eP	23 19 35.–								
	HKN	0	eP	19 50.2								
	KYT	0	eP	19 51.0		eS	38.1					
31	HKN	0	eP	23 27 39.2								

International Seismological Centre

Report of Earthquakes
(Station not equipped with Seismograph)

37年8月

Date	Station		Prefecture	S.I	Time (J.S.T) h	m	Character of tremor	Earthquake sound	Duration of tremor
10	Shimowachi	下和知	Kyoto	II	08	34	SL	heard	S
13	Shinmi	新見	Okayama	I	00	56	SL		VS
14	Shimowachi	下和知	Kyoto	I	09	25	R		S
	Ayabe	綾部	〃	I		25	R		S
	Sueno	末野	Hyogo	II		25	SL	heard	S
	Chii	知井	Kyoto	II		26	SL		S
	Tenno	天王	Osaka	II		26	VR		VS
17	Ichikano	市鹿野	Wakayama	I	12	20	SL		S
19	Hiketa	引田	Kagawa	I	15	00	R		VS
	Kojindake	荒神岳	Nara	II	15	42	VR		VS
	Shirahama	白浜	Wakayama	II		42	VR		VS
	Ichi	市	Hyogo	II		42	R		S
	Shizuki	志筑	〃	II		43	SL		S
	Kurisugawa	栗栖川	Wakayama	II		43	R		S
	Kiyokawa	清川	〃	III		43	SL	heard	L
	Nagashima	長島	Okayama	I		43	VR		VS
	Yakake	矢掛	〃	I		43	SL		S
	Osumihana	大角鼻	Tokushima	II		43	R		S
	Hiwasa	日和佐	〃	II		43	R		S
	Kito	木頭	〃	II		43	R		VS
	Naruto	鳴門	Ehime	III		43	R		S
	Saijyo	西条	Tokushima	I		44	R		S
	Ichiba	市場	Tokushima	I		45	R		VS
	Hiki	日置	Wakayama	II		45	R	heard	VS
	Tonosho	土庄	Kagawa	I		57	SL		VS
26	Ayabe	綾部	Kyoto	I	10	08	VR		S
	Yuhi	油日	Shiga	I	15	50	SL		L
28	Shobara	庄原	Hiroshima	I	08	11	R		S

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Date	Station		Prefecture	S.I.	Time (J.S.T) h m	Character of tremor	Earthquake sound	Duration of tremor
	Miyoshi	三次	Hiroshima		11	R		S
	Matsunaga	松永	〃		11	R		S
	Toyosaka	豊策	〃		14	R		S

Remarks

V R : very rapid (極急)　　V S : very short (極短)

R : rapid (急)　　S : short (短)

S L : slow (緩)　　L : long (長)

JUL 05 1963

International Seismological Centre

大阪管区

地震月報

昭和37年9月

THE MONTHLY REPORT OF EARTHQUAKES

September 1962

大阪管区気象台

The Osaka

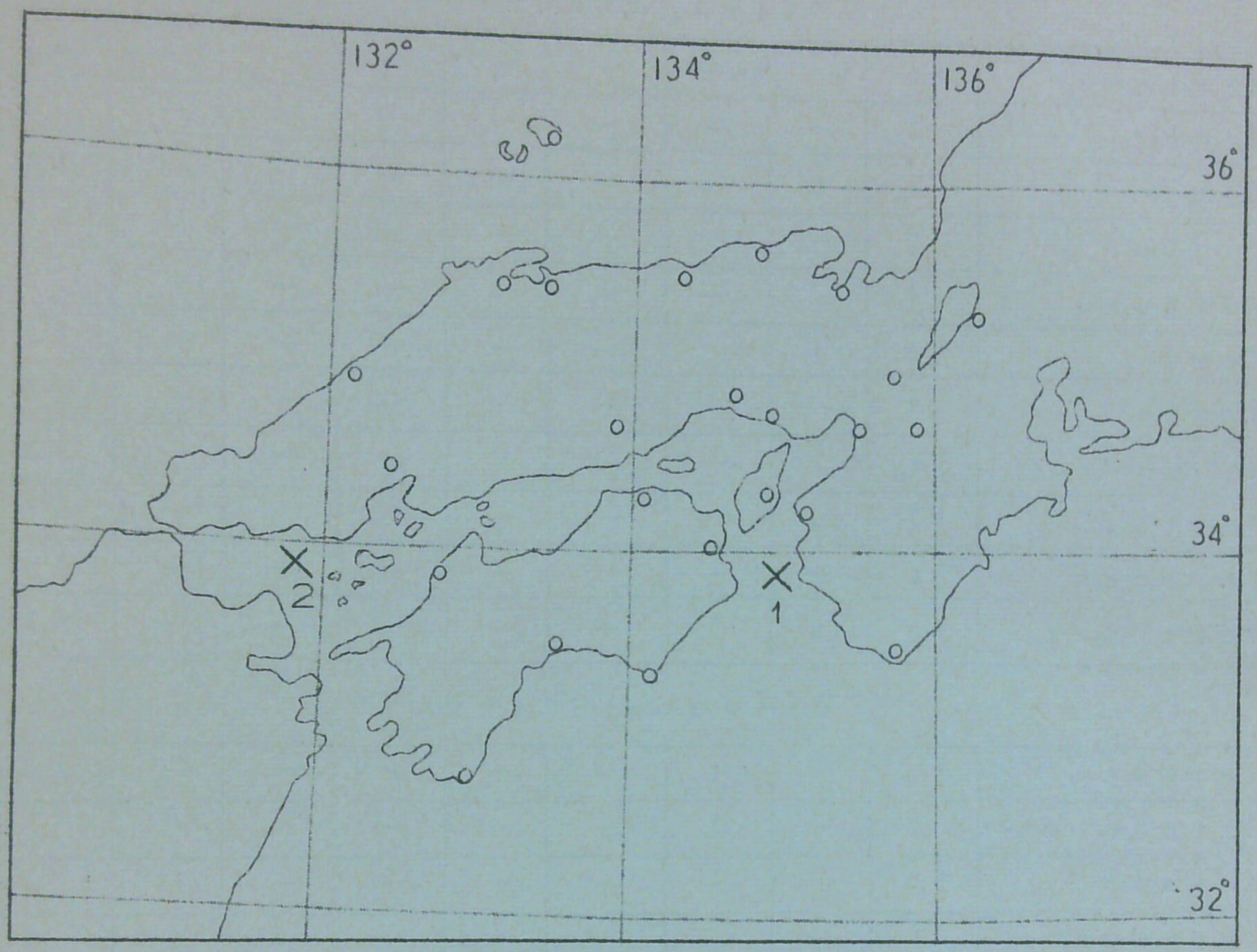
Distict Meteorological Observatory

Japan

International Seismological Centre

Epicenter of the major felt earthquakes, in west of Honshu, Shikoku.

Sept. 1962



Sept. 1962

No.	Date	Origin Time (J.S.T.)	Epicenter				Max. S.I.
			Location	Lat.	Long.	Depth	
1	8	13h 39m	紀伊水道 Kii Channel, W of Honshu	33.8 °N	135.1 °E	30 Km	Ⅲ
2	25	11 37	周防灘	33.8	131.8	20	Ⅱ

International Seismological Centre

Number of earthquakes

Sept. 1962

Station	0	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	96	—	—	—	—	—	—	—	96
Himeji	3	—	—	—	—	—	—	—	3
Kōbe	18	1	—	—	—	—	—	—	19
Kyōto	95	—	—	—	—	—	—	—	95
Maizuru	4	—	—	—	—	—	—	—	4
Nara	31	1	—	—	—	—	—	—	32
Ōsaka	38	—	—	—	—	—	—	—	38
Shionomisaki	31	1	—	—	—	—	—	—	32
Sumoto	37	2	—	—	—	—	—	—	39
Toyooka	24	—	—	—	—	—	—	—	24
Wakayama	50	5	2	—	—	—	—	—	57
Chūgoku district									
Hamada	21	—	1	—	—	—	—	—	22
Hiroshima	7	—	1	—	—	—	—	—	8
Matsue	14	—	—	—	—	—	—	—	14
Okayama	9	—	—	—	—	—	—	—	9
Saigō	6	—	—	—	—	—	—	—	6
Tottori	8	—	—	—	—	—	—	—	8
Yonaga	6	—	—	—	—	—	—	—	6
Shikoku district									
Kōchi	28	2	—	—	—	—	—	—	30
Matsuyama	20	1	—	—	—	—	—	—	21
Murotomisaki	18	—	—	—	—	—	—	—	18
Shimizu	13	—	—	—	—	—	—	—	13
Takamatsu	50	1	—	—	—	—	—	—	51
Tokushima	18	2	1	—	—	—	—	—	21
Tsurugisan	1	2	—	—	—	—	—	—	3
Uwajima	2	1	1	—	—	—	—	—	4

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Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM : Hiroshima
KOCH : Kōchi
KOB : Kōbe
KYT : Kyōto
MIZR : Mizuru
MTE : Matsue
MTYM : Matsuyama
MRTM : Murotomisaki
NR : Nara
OKYM : Okayama
OSK : Ōsaka
SIG : Saigo
SMZ : Shimizu
SMSK : Shionomisaki
SMT : Sumoto
TKMT : Takamatsu
TKSM : Tokushima
TTR : Tottori
TYOK : Toyooka
TRGS : Tsurugisan
UWJM : Uwajima
WKYM : Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM : Kameyama

Period: 0 : < 0.4 Sec.
1 : 0.5 ~ 1.4 Sec.
2 : 1.4 ~ 1.5 Sec.
.....

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
1	NGY	0	eP	01 31 02.-								
1	NGY	0	eP	02 09 35.-								Aleu-
	HKN	0	eP	09 39.2								tian
	KYT	0	eP	09 40.3						e	5 30.-	Is.
	KMYM	0	e	09 41.-								
	TYOK	0	P	09 43.7						e	5 34.6	
	OSK	0	eP	09 46.-						e	43.-	51.3°N 179.7°E h=26 km
	SMT	0	e	09 48.6								
	SMSK	0	e	09 49.8								
	TKMT	0	eP	09 54.9								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KOCH	0	e	10 02.5	-1 (+)					e	5 53.9	(U.S.C. G.S)
	HMD	0	P	10 02.5		eS	5 51.9					
1	WKYM	0	eP	06 51 24.1		eS	5 0.8					
1	NGY	0	eP	08 29 53.-								
	NKN	0	eP	30 05.8								
1	NGY	0	eP	08 41 53.-		eS	50.-					
	HKN	0	eP	42 24.8								
	KMYM	0	e	42 50.-								
	KYT	0	eS	43 06.3								
1	NGY	0	eP	08 46 40.-								
	HKN	0	eP	47 12.6								
	KYT	0	eP	47 30.4								
1	NGY	0	eP	12 14 13.-								
1	NGY	0	eP	12 46 29.-								
	HKN	0	eP	46 37.5		eS	34.6					
	NR	0	e	46 40.5								
	KYT	0	eP	46 40.9		eS	37.9					
	OSK	0	eP	46 44.-		eS	45.-					
	TYOK	0	eP	46 52.7								
	WKYM	0	e	46 56.2								
	TKMT	0	eP	47 00.-		eS	48.-					
	SMT	0	e	47 06.6						e	24.0	
	MTYM	0	eP	47 12.9		eS	1 18.-					
	SMSK	0	e	47 13.9								
	KOB	0	e	47 21.-								
	MTE	0	e	48 15.6								
	HMD	0	eP	48 21.4		eS	1 7.5					
1	HKN	0	eP	12 53 08.1								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Intial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KYT	0	eS	53 11.2								
	TKMT	0	e	53 16.-								
	HMD	0	e	53 18.2								
1	HKN	0	eP	13 09 00.7						e	11 20.6	
1	NGY	0	eP	13 39 27.-								
	KMYM	0	eP	39 30.5		eS	29.5					三宅島付近
	OSK	0	eP	39 32.-		eS	44.-					Off S coast of Honshu
	HKN	0	P	39 35.7		S	35.3					
	TKSM	0	iP	39 47.5								
	NR	0	eP	39 38.5		eS	35.0					
	KYT	0	eP	39 39.0		eS	35.8					34.2°N 139.5°E h=10km
	KOB	0	eP	39 42.9		S	42.3					
	SMT	0	e	39 47.8						i	41.4	
	WKYM	0	e	39 49.0								
	TYOK	0	eP	39 51.5								
	TKMT	0	eP	39 56.4		eS	49.0					
	MRTM	0	e	40 01.1						e	45.6	
	MTE	0	e	40 07.5								
	TTR	0	e	40 07.8								
	SMSK	0	e	40 11.3								
	MTYM	0	eP	40 16.8		eS	1 19.5					
	HMD	0	eP	40 22.8		eS	1 6.0					
1	KMYM	0	eP	13 46 29.7		eS	33.1					
1	NGY	0	eP	14 01 49.-								
	OSK	0	e	01 51.-								
	KYT	0	eS	01 52.0								
	HKN	0	eP	01 53.5								
	TKMT	0	e	01 54.5								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	HMD	0	e	02 03.3								
	MTE	0	e	02 37.3								
1	HMD	0	e	14 08 57.8						e	1 5.1	和歌山付近
	SMZ	0	e	09 32.9								
1	WKYM	Ⅱ	eP	14 09 02.0		eS	1.6	190	1			W of Honshu 34.2°N 135.2°E h=10km 0～
	SMT	0	iP	09 07.5	-5 +9 (-)	iS	4.5					
	KOB	0	iP	09 10.3	+4 -4 (+)	iS	6.0					
	OSK	0	iP	09 10.4	+10 +8 (+)	iS	8.9	60 94	3 4	i	6.4	
	TKSM	0	eP	09 12.4								
	NR	0	eP	09 13.7		eS	9.4					
	HMJ	0	P	09 16.3		S	10.2					
	OKYM	0	P	09 17.3		S	15.8					
	KYT	0	eP	09 17.5		eS	15.5					
	TKMT	0	eP	09 19.1		eS	16.-					
	SMSK	0	iP	09 19.6	+1 -1 (-)	iS	9.9					
	KMYM	0	eP	09 23.9		eS	14.4					
	MRTM	0	eP	09 24.9		iS	18.0					
	HKN	0	eP	09 25.5		eS	28.0					
	TYOK	0	eP	09 27.2		iS	15.4	53 65	- -			
	KOCH	0	eP	09 31.3		eS	18.4					
	TTR	0	eP	09 31.8		S	22.0					
	NGY	0	eP	09 33.-		eS	23.-					
	SMZ	0	eP	09 38.1		eS	33.1					
	MTYM	0	iP	09 40.3		iS	26.5					
	MTE	0	e	09 40.8						i	21.8	
	SMZ	0	eP	09 51.5		eS	24.5					
	YNG	0	eS	10 01.3								
	HMD	0	eP	10 22.8						e	32.0	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
1	HKN	0	eP	16 49 16.4								
1	KMYM	0	eP	17 48 38.1		eS	37.3					
	NGY	0	eP	48 42.-						e	27.-	
	HKN	0	eP	48 50.3		eS	34.5					
	NR	0	e	48 51.6								
	KYT	0	eP	48 53.0		eS	36.6					
	OSK	0	e	48 53.-						e	1 21.-	
	SMT	0	e	49 04.2		S	38.8					
	TKMT	0	e	49 11.-								
	TYOK	0	e	49 13.9								
	SMSK	0	e	49 25.9								
	KOCH	0	eP	49 29.6		eS	52.0					
	WKYM	0	e	49 30.6								
	HMD	0	eP	49 34.7		eS	1 7.3					
	KOB	0	e	49 40.-								
1	NGY	0	eP	18 15 57.-								
	KYT	0	eS	16 19.1								
1	NGY	0	eP	18 41 53.-								
	HKN	0	eP	42 14.9								
1	NGY	0	eP	21 55 03.-								
	KMYM	0	e	55 05.-								
	HKN	0	eP	55 08.8		eS	34.1					
	KYT	0	eP	55 12.7		eS	37.1					
1	NGY	0	eP	22 55 49.-								
	KMYM	0	e	55 56.-								
	HKN	0	eP	55 58.3								
	KYT	0	eP	56 01.6		eS	38.5					
2	WKYM	II	eP	00 49 05.0		eS	1.1	23 14	1 1			

Date	Station	S.J.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	SMT	0	iP	49 09.4		eS	4.1					和歌山
	OSK	0	eP	49 13.6						e	14.6	付近
	KOB	0	e	49 12.-		S	6.-					W of
	TKSM	0	eP	49 14.9								Honshu
	NR	0	eP	49 17.7		eS	7.3					
	KYT	0	eP	49 20.2		eS	14.9					34.2°N
	TKMT	0	e	49 21.7								135.1°E
	SMSK	0	eP	49 21.8		S	10.0					very
	KMYM	0	e	49 26.-								shallow
	MRTM	0	eP	49 28.5		eS	16.2					
	TYOK	0	eP	49 28.6		iS	16.5					
	HKN	0	eP	49 29.1		eS	17.5					
	NGY	0	eP	49 30.-		eS	27.-					
	TTR	0	eP	49 31.3		eS	22.9					
	KOCH	0	eP	49 35.0		eS	16.6					
2	WKYM	0	eP	00 51 02.9		eS	0.8					
2	WKYM	0	eP	01 02 36.1		eS	1.3					
2	WKYM	0	eP	03 15 27.1		eS	0.9					
2	HMD	0	P	04 31 18.7	-1 +2 (+)	S	8 54.3			i	13 23.3	
	YNG	0	eP	31 23.0								Iran.
	HRSM	0	eP	31 23.-		eS	8 48.-					
	MTE	0	e	31 25.7								37°N
	MTYM	0	eP	31 25.7		eS	9 1.0					45°E
	SMSK	0	eP	31 29.6		eS	9 16.3					
	SMZ	0	P	31 29.9		S	8 55.9					
	SIG	0	eP	31 30.0						e	8 57.8	
	TYOK	0	P	31 31.1	(-) (+) (+)	S	8 53.2			e	22 16.7	
	TKMT	0	eP	31 31.4		eS	9 0.2					

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Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KOCH	0	eP	31 31.5		eS	8 56.5					
	KOB	0	eP	31 34.5		eS	9 5.8					
	TKSM	0	P	31 34.6								
	KYT	0	eP	31 35.5		eS	8 59.6					
	SMT	0	eP	31 35.6		eS	9 6.1			L	28 57.5	
	WKYM	0	e	31 36.2			4.					
	HKN	0	P	31 39.4		eS	9 4.8					
	KMYM	0	P	31 41.1	(−) (+) (+)	eS	9 1.4					
	NGY	0	P	31 41.−	+8 −3 (+)	eS	9 5.−					
	OSK	0	eP	31 43.9		eS	9 9.1					
	MRTM	0	e	32 36.0						e	26 20.4	
2	HMD	0	eP	05 59 24.4		eS	15.9					
2	NGY	0	eP	08 05 36.−								
	HKN	0	eP	05 57.1								
	KYT	0	e	06 24.5								
2	NGY	0	eP	08 08 22.−								
	HKN	0	eP	08 34.6								
	KYT	0	eP	09 30.7		eS	38.8					
2	NGY	0	eP	09 09 26.−								
2	NR	0	e	12 21 31.6								
2	NR	0	e	12 37 40.5								
	KMYM	0	eP	37 44.5		S	5.9					
	KYT	0	eS	37 49.1								
2	HKN	0	eP	13 35 36.0								
2	HKN	0	eP	14 05 14.2								
2	HMD	0	eP	14 35 07.9		eS	1 47.9					
2	HKN	0	eP	14 35 46.2								
2	HMD	0	eP	15 14 32.1		eS	3 3.7					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	R-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
2	NGY	0	eP	16 18 36.-								
	HKN	0	eP	18 58.2								
	KYT	0	eP	18 59.5		eS	33.7					
	KMYM	0	e	19 15.-								
2	HKN	0	eP	17 06 53.8								
2	NGY	0	eP	17 21 49.-		eS	32.-					
	KMYM	0	eP	21 50.2		eS	29.9					
	HKN	0	eP	21 55.5		eS	35.8					
	KYT	0	eP	21 58.8		eS	37.0					
	NR	0	e	22 00.7								
	WKYM	0	e	22 15.1						e	2 41.4	
	TKMT	0	eP	22 30.-								
	SMSK	0	eP	22 31.7						e	2 15.1	
	OSK	0	e	22 32.-						e	3 6.-	
	TKSM	0	eP	22 33.8								
	TYOK	0	e	22 34.4						e	40.0	
	MTYM	0	eP	22 37.2		eS	1 45.0					
	KOCH	0	e	22 39.5						e	42.1	
	MTE	0	e	23 18.9								
	HMD	0	eP	23 31.2		eS	1 50.7					
2	NGY	0	eP	17 23 57.-								
	KMYM	0	e	24 04.6		S	30.0					
	HKN	0	eP	24 15.3		S	35.3					
	TKMT	0	eP	24 37.-		S	57.-					
	KYT	0	eS	24 50.5								
	MTYM	0	eP	24 53.2		eS	31.5					
	KOB	0	e	25 01.-								
	SMT	0	i	25 05.2								

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TYOK	0	e	25 19.4								
2	WKYM	0	eP	17 29 39.2		eS	0.4					
2	HKN	0	eP	17 39 50.9								
	KYT	0	e	40 30.5								
2	NGY	0	eP	18 31 36.-								
2	NGY	0	e	19 03 00.-								
	HKN	0	eP	02 14.6								
2	NGY	0	e	20 31. 51.-								
	HKN	0	eP	31 52.1								
2	NGY	0	eP	21 00 48.-								
	HKN	0	eP	00 56.1								
3	NGY	0	eP	05 58 10.-								
	KMYM	0	eP	58 12.6		S	30.2					三宅島
	HKN	0	eP	58 16.7		eS	35.3					付近
	NR	0	e	58 19.6								Off S
	KYT	0	eP	58 22.2		eS	37.8					coast
	SMSK	0	eP	58 24.2		S	31.5					of Hon-
	OSK	0	eP	58 27.-		S	42.-			e	33.-	shu
	WKYM	0	eP	58 34.0		eS	32.6					
	TYOK	0	eP	58 36.3		eS	43.7					
	TKMT	0	eP	58 44.-		eS	45.-					
	TKSM	0	eP	58 45.2								
	KOB	0	e	59. 07.-								
	SMT	0	e	59 10.6								
	KOCH	0	e	59 38.1		S	45.9					
	MTE	0	e	59 52.8								
3	NGY	0	eP	08 12 23.-								
	KMYM	0	eP	12 24.7		S	31.4					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	HKN	0	P	12 32.0		S	32.4					三宅島
	KYT	0	eP	12 35.2		eS	37.2					付近
	NR	0	e	12 36.4								Off S
	OSK	0	eP	12 40.0		eS	45.2					coast
	WKYM	0	e	12 49.8								of
	TKMT	0	eP	12 53.6		eS	49.-					Honshu
	TYOK	0	eP	13 05.6		e	56.1			e	44.5	
	SMSK	0	eP	13 07.5								
	SMT	0	i	13 22.8								
3	WKYM	0	eP	09 30 02.5		eS	1.1					
3	WKYM	0	e	09 40 36.5								
3	NGY	0	eP	09 55 01.-								
	KYT	0	e	55 25.8								
	HKN	0	eP	55 30.3								
	KMYM	0	e	55 39.-								
3	NGY	0	eP	11 03 56.-								
	HKN	0	eP	04 01.5		eS	34.2					
	KYT	0	e	04 17.5								
	KMYM	0	e	04 23.-								
3	NGY	0	eP	13 25 21.-								
3	WKYM	0	eP	17 26 44.3								
3	NGY	0	eP	21 48 00.-								
3	KMYM	0	eP	21 49 46.8		S	31.4					
	NGY	0	eP	49 47.-		eS	34.-					
	HKN	0	eP	49 53.7		S	34.5					
	NR	0	e	50 00.4								
	KYT	0	eP	50 01.4		eS	31.7					
	WKYM	0	e	50 35.4								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
3	HKN	0	eP	22 56 49.2		eS	33.5					
4	NGY	0	eP	01 51 12.-		eS	30.-					
	KMYM	0	eP	51 14.3		S	31.4					三宅島
	HKN	0	P	51 21.9		S	41.7					付近
	NR	0	e	51 23.0								Off S
	KYT	0	eP	51 24.5		eS	38.0					coast
	SMSK	0	eP	51 25.0		eS	31.6					of
	OSK	0	eP	51 32.8		eS	40.5			e	1 12.-	Honshu
	TYOK	0	eP	51 36.6		eS	47.8					
	TKMT	0	eP	51 42.5		eS	48.0					
	WKYM	0	e	51 42.6								
	TKSM	0	eP	51 47.0		iS	36.0					
	MTYM	0	eP	52 06.0		eS	1 13.0					
	KOB	0	e	52 11.-								
	SMT	0	e	52 13.8								
	KOCH	0	eP	52 32.9		eS	53.5					
4	NGY	0	eP	02 56 34.-		eS	30.-					
	KMYM	0	eP	57 10.-								
	KYT	0	eS	57 26.1								
4	NGY	0	eP	05 37 12.-		eS	27.-					
	KMYM	0	eP	37 16.2		S	29.5					
	HKN	0	eP	37 21.8		S	31.7					
	NR	0	e	37 23.5								
	KYT	0	eP	37 25.2		eS	34.9					
	OSK	0	eP	37 43.7						e	46.8	
	TKMT	0	eP	37 47.4		eS	44.2					
	TYOK	0	eP	37 50.9		eS	43.3					
	SMSK	0	e	37 57.8								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	WKYM	0	eP	38 08.5								
4	HKN	0	eP	12 17 36.9						e	33.8	紀伊半
	NR	0	eP	17 43.5		eS	11.7					島中部
	SMSK	0	eP	17 43.5		S	8.7					W of
	KMYM	0	P	17 49.2	(+) (+)	S	12.5					Honshu
	KYT	0	eP	17 50.0		eS	12.2					
	OSK	0	eP	17 52.4		eS	16.2					34.1°N
	NGY	0	eP	17 56.-		eS	19.-					135.7°E
	MRTM	0	eP	17 58.5		eS	18.7					h=30Km
	SMT	0	i	17 58.9								
	TKSM	0	iP	18 03.9						i	4.6	
	TKMT	0	eP	18 14.7								
5	WKYM	I	iP	02 59 25.7	+15 -2 (+)	eS	0 7	30 14	- -			和歌山
	SMT	0	P	59 29.3		iS	3.3					付近
5	NGY	0	e	07 18 35.-								
	KYT	0	eS	19 00 5								
5	NGY	0	e	09 24 38.-								
	HKN	0	eP	24 39.6		eS	33.6					
	KYT	0	eS	25 04.2								
5	KYT	0	eS	10 56 25.4								
5	NGY	0	eP	12 19 04.-								
	HKN	0	eP	19 05.9		eS	34.9					
	KYT	0	eS	19 47.4								
5	NGY	0	eP	20 37 44.-		eS	45.-					
	HKN	0	eP	37 50.5		eS	36.5					
	KMYM	0	eP	37 57.9						e	50.8	
	KYT	0	eP	38 00.5		eS	56.8					
	NR	0	e	38 03.8								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TYOK	0	eP	38 04.6								
	OSK	0	eP	38 16.3		eS	43.2					
	SMT	0	e	38 22.4						e	52.0	
	TKMT	0	eP	38 35.9								
	MTE	0	e	38 41.2								
	SMSK	0	e	39 02.0						e	31.9	
	KOCH	0	e	40 13.1								
5	NGY	0	eP	22 53 46.-								
	HKN	0	eP	54 15.0		eS	32.9					
	KYT	0	e	54 37.3								
5	NGY	0	eP	23 08 51.-								
	HKN	0	eP	09 00.9		eS	31.6					
	KYT	0	eP	09 03.9		eS	34.7					
	KMYM	0	e	09 06.-								
	OSK	0	eP	09 40.5		S	41.9					
6	NGY	0	eP	02 24 41.-								
6	NGY	0	eP	03 42 11.-								
	KYT	0	eP	42 18.0		eS	33.3					
	HKN	0	eP	42 20.2								
6	NGY	0	eP	06 10 03.-								
	KMYM	0	eP	10 03.7		eS	32.5					
	HKN	0	P	10 12.4		eS	33.2					
	KYT	0	eP	10 16.3		eS	39.5					
	OSK	0	eP	10 54.8		eS	43.4					
6	TKMT	0	eP	08 47 48.8								
6	NGY	0	eP	11 48 59.-		S	13.-					
6	KYT	0	iS	12 47 25.4								
	KMYM	0	eP	48 05.8		S	2.9					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
6	NGY	0	eP	17 22 37.-								
	KMYM	0	eP	22 43.-								
	HKN	0	eP	22 47.6		eS	34.2					
	KYT	0	eP	22 50.1		eS	36.6					
	SMT	0	e	23 15.4								
	TYOK	0	eP	23 20.7								
	SMSK	0	e	23 23.3								
	TKSM	0	eP	23 47.0								
	TKMT	0	eP	23 56.5								
6	SMSK	0	eP	18 27 23.1		S	7.8					紀伊水
	MRTM	0	eP	27 31.1		eS	12.8					道?
	WKYM	0	eP	27 36.8		eS	6.0					Kii
	TKMT	0	eP	27 40.3						e	36.6	Channel
	SMT	0	i	27 44.6								W of
	KYT	0	eS	28 10.0								Honshee
	HKN	0	eP	28 11.4								
6	WKYM	0	eP	19 46 51.3		eS	0.6					
6	NGY	0	eP	20 53 58.-								
	KYT	0	eS	54 00.1								
	HKN	0	eP	54 16.0		eS	34.0					
6	HKN	0	eP	22 00 54.8		eS	33.1					
	NGY	0	eP	00 55.-								
	KYT	0	eS	01 34.2								
6	KYT	0	e	22 43 58.7								
6	NGY	0	eP	23 24 06.-								
	HKN	0	eP	24 12.8		eS	33.8					
	KMYM	0	e	24 15.-								
	KYT	0	eP	24 19.4		eS	36.9					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
6	KYT	0	eP	23 35 42.8								
6	NGY	0	eP	23 55 59.-								
	HKN	0	eP	56 09.2		eS	33.3					
	KMYM	0	e	56 32.-								
	KYT	0	eP	56 47.1		eS	37.7					
7	NGY	0	eP	00 00 06.-								
	HKN	0	eP	00 34.7								
	KYT	0	eS	00 55.0								
7	HKN	0	eP	00 07 27.8								
	NGY	0	eP	07 28.-								
	KYT	0	eS	08 14.8								
7	KYT	0	eS	00 09 34.0								
7	HKN	0	eP	00 32 18.9								
7	NGY	0	eP	01 07 08.-								
	HKN	0	eP	07 51.5								
7	HKN	0	eP	01 10 57.7								
	NGY	0	eP	11 11.-								
	KYT	0	eS	11 43.4								
7	KYT	0	eS	01 16 45.5								
	HKN	0	eP	16 52.1								
7	HKN	0	eP	01 32 15.3								
7	HKN	0	eP	01 38 21.4								
7	NGY	0	eP	02 01 26.-								
	KMYM	0	e	01 33.-		S	27.-					
	HKN	0	eP	01 35.8		eS	33.7					
	KYT	0	eP	01 38.7		eS	36.5					
	SMSK	0	e	02 12.2								
	TKMT	0	eP	02 13.8		eS	42.9					

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	SMT	0	e	02 27.7								
	TKSM	0	eP	03 37.0								
7	NGY	0	eP	02 30 49.-		eS	29.-					
	KYT	0	eP	31 00.5		eS	36.2					
	KMYM	0	e	31 05.-								
	HKN	0	eP	31 07.6		eS	32.7					
	HMD	0	eP	32 28.7		eS	1 8.7					
7	NGY	0	P	02 39 11.2	-1 +2 (-)	S	28.3					東海道
	KMYM	0	eP	39 19.3		eS	26.2					はるか沖
	SMSK	0	eP	39 21.9		S	35.2					Off S
	HKN	0	P	39 22.0		S	33.8					coast
	KYT	0	eP	39 24.6		eS	32.6					of
	NR	0	eP	39 25.0		eS	33.0					Honshu
	OSK	0	eP	39 27.1		i	36.0			eS	42.5	
	KOB	0	e	39 28.-		eS	43.-					
	WKYM	0	e	39 30.5						e	41.0	
	SMT	0	P	39 35.1		S	38.9					
	MIZR	0	eP	39 39.4								
	TYOK	0	eP	39 41.1						e	1 4.6	
	MRTM	0	e	39 41.4						e	55.9	
	TKSM	0	eP	39 42.4		iS	37.7					
	TKMT	0	eP	39 46.2		eS	44.0					
	MTE	0	eP	39 46.7						e	54.1	
	KOCH	0	eP	39 53.6		eS	54.4					
	MTYM	0	eP	40 01.5		S	49.5					
	HMD	0	eP	40 06.1		eS	1 8.2					
	SIG	0	e	41 20.2								
7	HKN	0	eP	02 50 50.9								

Date	Station	S.J.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
7	NGY	0	eP	03 05 06.-								
	HKN	0	eP	05 12.5								
	KYT	0	eP	05 51.3								
7	HRSM	0	e	03 15 03.-								
7	NGY	0	eP	07 10 27.-								
	HKN	0	eP	10 27.1								
	KYT	0	eS	11 02.5								
7	WKYM	0	eP	11 45 36.6		eS	0.7					
7	WKYM	0	eP	14 43 38.2		eS	1.4					
7	WKYM	0	eP	16 28 47.5		S	0.6					
7	HKN	0	eP	16 49 27.4								
7	HKN	0	P	16 55 30.7								
7	NGY	0	eP	17 20 08.-		S	30.-					
	KMYM	0	e	20 15.-								
	HKN	0	eP	20 15.2		eS	32.4					
	KYT	0	eP	20 19.7		eS	37.7					
7	WKYM	0	eP	17 47 27.7		eS	1.4					
7	NGY	0	eP	21 04 04.-		eS	30.-					
	KMYM	0	eP	04 10.5		eS	30.-					
	HKN	0	eP	04 15.2		eS	40.1					
	KYT	0	eP	04 18.3		eS	36.0					
	NR	0	e	04 20.2								
	WKYM	0	e	04 27.3								
	SMT	0	e	04 34.3						e	33.5	
	TKMT	0	eP	04 36.2		S	49.0					
	TKSM	0	eP	04 40.6								
	TYOK	0	eP	04 40.8		eP	42.3					
	KOCH	0	e	04 51.0								

International Seismological Centre

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TTR	0	e	04 51.7								
	SMSK	0	e	04 53.6								
	KOB	0	e	05 02.-								
	MTE	0	e	05 35.9								
7	NGY	0	eP	21 11 54.-		S	30.-					
	KMYM	0	eP	11 57.7		eS	30.4					
	NR	0	e	12 05.2								
	HKN	0	eP	12 06.0		S	34.0					
	KYT	0	eP	12 08.3		eS	32.0					
	SMT	0	e	12 22.4						e	35.0	
	TKSM	0	eP	12 22.5								
	WKYM	0	e	12 20.2						e	33.1	
	TYOK	0	eP	12 23.0		eS	45.7					
	TKMT	0	eP	12 29.3		eS	45.4					
	TTR	0	e	12 30 4								
	KOCH	0	e	12 42 0						e	53.5	
	SMSK	0	e	12 42.8								
	OSK	0	eP	12 46.4						e	44.7	
	KOB	0	eS	12 53.2								
	YNG	0	eP	13 41.3								
7	HKN	0	eP	22 31 57.7		eS	32.9					
	NGY	0	e	31 58.-								
	KYT	0	eS	32 23.1								
7	NGY	0	eP	22 35 09.-								
	HKN	0	eP	35 46.7								
7	NGY	0	eP	23 10 51.-								
	HKN	0	eP	10 56.0		eS	35.1					
	KYT	0	eS	11 34.6								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
8	NGY	0	eP	00 51 37.-								
8	SMZ	0	iP	02 41 49.6	(+)	eS	21.1					
	MTYM	0	eP	41 50.6		eS	29.0					
	TKMT	0	eP	42 22.-								
8	WKYM	0	eP	03 19 38.0		eS	0.6					
8	NGY	0	e	03 45 08.-								
8	SMT	I	iP	13 39 48.8	- 6 + 4 (-)	iS	7.6	97 130 15	0 0 0			紀伊水
	WKYM	I	iP	39 48.8	- 1 - 1 (-)	eS	6.4	220 110 47	1 1 1			道
	TKSM	II	iP	39 49.7	+16 -11 (+)	iS	6.9	190 170 76	1 1 1			Kii
	TRGS	I	iP	39 52.0		S	9.1	43 43	- -			Channel
	SMSK	I	iP	39 52.7	- 7 + 6 (+)	iS	10.2	46 40	1 1			W of
	MRTM	0	iP	39 52.9	+ 3 +14 (-)	iS	11.6					Houshu
	TKMT	I	iP	39 53.4	+ 3 - 3 (+)	iS	12.2	45 79 35	1 1 0			
	KOB	I	iP	39 53.8	-11 - 4 (-)	iS	11.0	62 90 18	0 1 0			33.8°N
	HMJ	0	P	39 56.0		S	12.4					135.1°E
	NR	I	iP	39 56.5	- 4 + 4 (-)	iS	13.6	76 31 25	0 0 0			h=30Km
	OSK	0	eP	39 56.7		iS	11.4	60 98	3 3			
	KOCH	I	P	39 58.7	(-) (-) (+)	iS	15.0	44 56 18	0 0 0			
	KYT	0	eP	40 00.1		iS	14.1					
	OKYM	0	iP	40 01.0	(+) (-) (+)	iS	15.0					
	KMYM	0	P	40 04.5	(-) (+)	iS	17.7					
	MIZR	0	iP	40 06.2	+2 (-)	iS	18.9					
	TYOK	0	eP	40 06.9		iS	20.3					
	HKN	0	P	40 07.0		S	21.5					
	TTR	0	eP	40 08.2		eS	20.6					
	UWJM	0	eP	40 08.4		iS	26.4					
	MTYM	0	eP	40 08.9		iS	19.0			i	9.0	
	HRSM	0	eP	40 11.2		eS	25.2					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	YNG	0	P	40 11.3		S	23.4					
	NGY	0	P	40 12.1		S	25.4					
	HMD	0	eP	40 25.8		eS	22.7			i	34.9	
	SIG	0	eP	40 36.7								
	MTE	0	e	40 50.3						i	26.5	
	SMZ	0	eP	40 50.7								
8	KYT	0	iS	17 30 59.3								
	NR	0	eP	30 59.6		S	9.5					
8	NGY	0	eP	21 44 35.-								
9	NGY	0	eP	01 50 00.-								
9	NGY	0	eP	08 33 38.-								
9	NGY	0	eP	10 00 52.-								
	HKN	0	eP	01 16.3		S	36.1					
9	NGY	0	eP	10 56 49.-								
	HKN	0	eP	57 11.2								
9	NGY	0	eP	12 16 11.-		eS	33.-					
	KMYM	0	eP	16 12.2		eS	30.9					
	HKN	0	eP	16 19.9		eS	33.2					
	KYT	0	eP	16 21.7		eS	40.9					
	TKMT	0	e	17 28.-								
9	HKN	0	eP	17 02 37.9		S	22.4					
9	SMSK	0	P	17 35 18.9		S	7.2					紀伊水道
	SMT	0	eP	35 20.5		iS	9.6					Kii
	MRTM	0	iP	35 20.5						e	11.3	Channel
	WKYM	0	iP	35 20.5		eS	7.3					W of
	TKSM	0	eP	35 20.8		iS	8.4					Honshu
	TKMT	0	eP	35 25.8		eS	10.0					
	NR	0	eP	35 29.5		eS	14.7					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KOCH	0	eP	35 35.9						e	8.5	
	KOB	0	e	35 36.-								
	KMYM	0	e	35 37.-								{33 3/4 °N 135 1/4 °E
	OSK	0	eP	35 39.6						e	41.3	
	NGY	0	eP	35 48.-								
	KYT	0	eS	35 58.7								
9	NGY	0	iP	18 13 55.3		iS	5.0					岐阜県南部 Central Honshu.
	KMYM	0	P	13 57.2		S	6.9					
	HKN	0	eP	14 02.4		S	4.0					
	NR	0	eP	14 06.0		eS	11.8					
	KYT	0	iS	14 16.0								
9	KYT	0	eS	23 17 56.6								
	KMYM	0	e	18 02.-		eS	31.-					
	NGY	0	eP	18 04.-		eS	35.-					
	HKN	0	eP	18 18.6		eS	32.3					
9	KYT	0	eS	23 21 03.1								
	NGY	0	eP	21 —								
10	KMYM	0	eP	00 29 52.6								
10	WKYM	0	eP	01 31 32.2		S	1.0					
10	NGY	0	eP	08 52 37.-		eS	29.-					
	HKN	0	eP	53 18.4								
10	NGY	0	eP	11 12 06.-								
	HKN	0	eP	12 25.8								
	KMYM	0	e	12 35.-								
	KYT	0	eS	12 54.8								
10	NGY	0	eP	19 27 18.-								
10	MRTM	0	e	23 54 03.6								
	MTYM	0	e	54 20.2								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
11	MTYM	0	eP	00 21 53.7		S	1.5					
11	SMSK	0	eP	00 54 08.4						e	8 21.0	
	NGY	0	P	54 11.8								
	KMYM	0	eP	54 12.8						e	8 24.-	
	KOCH	0	eP	54 12.3		S	8 30.7					
	NR	0	e	54 12.9								
	HKN	0	P	54 14.0								
	KYT	0	eP	54 14.3						e	7 56.-	
	SMZ	0	i	54 14.8								
	SMT	0	e	54 15.1								
	TKMT	0	eP	54 19.2								
	OSK	0	e_E	55 00.6						e	7 41.5	
11	NGY	0	eP	05 43 05.-		S	36.-					
	KMYM	0	e	43 16.-								
	KYT	0	eP	43 21.9		eS	37.2					
11	NGY	0	eP	21 56 06.-		iS	7.-					愛知県南部
	KMYM	0	eP	56 12.0		S	10 3					Central Honshu
	HKN	0	eP	56 15.5		S	13.1					
	KYT	0	eP	56 22.3		S	17.9					
	NR	0	eP	56 22.8		eS	16.2					
12	WKYM	0	iP	00 18 40.2	+1 (+) (+)	eS	1.4	16 12	- -			
12	NGY	0	eP	07 58 26.-		eS	32.-					
	KYT	0	eP	58 44.2		eS	37.1					
12	NGY	0	eP	20 19 07.-		S	30.-					
12	NGY	0	eP	07 58 26.-		eS	32.-					
	KYT	0	eP	58 44.2		eS	37.1					
12	NGY	0	eP	20 19 07.-		S	30.-					
13	NGY	0	eP	06 05 58.-								

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TKMT	0	P	06 08.4								
	KYT	0	eP	06 16.0								
	OSK	0	e	06 17.7						e	43.3	
	KMYM	0	eP	06 19.3								
13	KOB	0	e	06 13 38.-								
	HMD	0	eP	18 48.1						e	5 46.0	
	KOCH	0	e	23 26.8						e	56.9	
13	WKYM	0	eP	21 48 00.3		eS	2.7					
	SMT	0	eP	48 04.0		iS	3.6					
	SMSK	0	i	48 25.5								
	KYT	0	eS	48 29.9								
15	TKMT	0	eP	07 26 25.7		S	4.6					
15	TMYM	0	eP	18 01 19.3		S	22.6					
	NR	0	e	01 31.5								
	NGY	0	eP	01 34.-		eS	9.-					
16	NGY	0	eP	00 01 15.-								
16	MTYM	0	e	03 22 27.3								
16	NGY	0	eP	07 55 17.-	+1 +2 (-)	eS	3 43.-					千島北部
	HKN	0	eP	55 22.4		eS	3 50.4					Kurile
	KMYM	0	P	55 23.3	(+) (+) (+)	eS	3 47.8					Is.
	KYT	0	eP	55 26.9								
	TYOK	0	P	55 29.2		eS	3 46.9					49.5°N
	NR	0	e	55 29.7								157.5°E
	OSK	0	eP	55 33.4		eS	3 55.6					h=20km
	SMT	0	e	55 38.0						e	3 48.5	
	KOB	0	eP	55 33.6		eS	3 58.9					
	SIG	0	eP	55 35.9		eS	4 1.4					
	WKYM	0	e	55 38.4						e	28.3	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	SMSK	0	P	55 40.6		S	4 0.8					
	MTE	0	e	55 41.5						e	1 41.9	
	MRTM	0	e	55 49.0						e	4 32.6	
	HMD	0	P	55 50.6	+1 +2	S	4 7.5					
	HRSM	0	eP	55 50.7		eS	4 4.5					
	KOCH	0	P	55 50.9	(+) (+) (-)	eS	4 10.7					
	MTYM	0	eP	55 54.6		eS	4 16.5					
	SMZ	0	P	55 59.8	(+) (+)	eS	4 21.5					
	UWJM	0	i	56 00.8								
16	NGY	0	eP	11 56 52.-								
	KMYM	0	e	56 58.-		S	29.-					
	HKN	0	eP	57 02.3		S	28.5					
	KYT	0	eP	57 05.0		S	35.2					
	OSK	0	e	57 38.0						e	28.0	
16	WKYM	0	eP	21 50 06.2		eS	1.0					
16	WKYM	0	eP	22 51 43.0		eS	0.5					
17	NGY	0	eP	02 16 33.-		iS	6.-					
17	NGY	0	eP	06 45 08.-		iS	8.-					
18	KOCH	0	e	10 34 37.0								
18	HMD	0	e	10 43 16.2								
18	HKN	0	P	03 06 01.8								
	KYT	0	eP	06 02.5								
18	NGY	0	eP	03 41 46.-		iS	27.-					
	KMYM	0	e	41 51.-		S	26.-					
	HKN	0	eP	41 54.2		eS	34.3					
	KYT	0	eP	41 59.9		S	33.6					
	TKMT	0	e	42 09.1								
	OSK	0	e	42 22.3						e	29.9	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P- Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	NR	0	e	42 27.6								
18	KYT	0	iS	09 37 10.4								
18	NGY	0	eP	14 56 41.-								
18	NGY	II	P	15 01 41.2	(-) (-) (-)	iS	4.3	30 28 23	0 0 0			岐阜，三
	KMYM	I	iP	01 43.2	+4 +3 (+)	S	5.4	18 16 25	- - -			重県境
	HKN	0	eP	01 48.1		S	4.6					Central
	NR	0	eP	01 53.8		eS	13.3					Honshu
	KYT	0	eP	01 54.8		S	15.0					
	MIZR	0	eP	02 02.8		eS	16.8					
	OSK	0	eP	02 04.0		eS	11.6					
	KOB	0	eS	02 22.3								
18	MTYM	0	e	15 16 55.5								
18	HKN	0	eP	15 17 03.8								
	KYT	0	eP	17 13.4		eS	11.0					
18	KMYM	0	e	20 22 40.-								
	NGY	0	eP	22 53.-								
18	KOCH	0	iP	23 05 37.0	-6	eS	5.7					
	MTYM	0	eP	05 46.7		eS	7.5					
19	KYT	0	eP	09 08 50.9		eS	1 24.0					
	KOCH	0	e	09 02.0						e	1 36.7	
19	NGY	0	e	09 10 15.-								
20	NGY	0	e	14 13 14.-								
20	WKYM	0	e	01 14 34.0								
20	WKYM	0	eP	01 15 06.5		eS	0.9					
20	NGY	0	eP	02 16 56.-								
20	NGY	0	P	05 56 09.3		S	4.2					
20	NGY	0	eP	06 09 27.-		eS	30.-					
20	SMT	0	P	14 39 00.0		iS	7.5					

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TKSM	I	eP	39 00.1		iS	4.0	46 38 24	1 1 1			紀伊水道
	WKYM	0	eS	39 08.1		eS	4.1					Kii
	OKYM	0	eP	39 08.5		eS	14.0					Channel
	TKMT	0	P	39 13.6								W of
	KOCH	0	e	39 20.1								Honshu.
	MRTM	0	eP	39 26.9		iS	12.0					
	SMSK	0	e	39 27.0								
	HKN	0	eP	39 40.5								
	KYT	0	eS	39 49.7								
20	HRSM	0	eP	15 17 17.7		eS	52.9					
	MTYM	0	eP	17 21.9		eS	30.5					
	KOCH	0	eP	17 24.4						e	2 8.5	
	TKMT	0	eP	17 41.-								
	HMD	0	eP	17 43.8		eS	34.6					
	NGY	0	e	17 57.-								
	KYT	0	eS	18 05.2								
20	OSK	0	e	15 20 32.8								
	SMSK	0	e	21 33.1								
20	SMZ	0	eP	15 46 55.4		S	47.8					
21	SMZ	0	eP	03 03 27.1		eS	50.8					
	MTYM	0	eP	03 31.3						e	4 29.0	
	KOCH	0	e	03 37.4						e	1 7.5	
	KYT	0	eP	03 55.6		eS	1 17.8					
	TKMT	0	eP	03 59.5								
	HKN	0	eP	04 06.2								
21	NGY	0	e	11 44 03.-								
21	NGY	0	eP	12 50 57.-								
22	WKYM	0	eP	06 59 51.9		eS	0.9	5 14	- -			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
22	SMT	0	P	08 01 24.9		iS	7.7					
	TKMT	0	eP	01 28.2		eS	5.3					
	OKYM	0	eP	01 30.6		iS	10.8					
	KOCH	0	i	01 42.7								
22	HMD	0	eP	15 57 51.4		e	7 0.0			e	10 26.3	
	KYT	0	eP	58 18.-						e	7 6.-	
	OSK	0	e	58 20.9								
	KMYM	0	eP	58 21.3						e	9 7.-	
	NGY	0	eP	58 25.-								
	TKMT	0	eP	16 02 04.3								
	KOCH	0	e	03 55.2						e	3 39.4	
	HRSM	0	e	07 07.-								
	SMT	0	e	08 31.5								
	SMSK	0	e	08 37.5								
	SIG	0	e	08 58.8								
	SMZ	0	e	09 22.2								
	MRTM	0	e	09 42.8						e	32.4	
22	WKYM	0	eP	22 23 21.0		eS	0.5	5 8	- -			
22	TKMT	0	eP	23 35 35.9		iS	3.1					
23	OKYM	0	eP	00 35 35.4		iS	5.6					
	SMT	0	i	35 59.6								
23	TKMT	0	eP	02 59 50.6		eS	11.6					
23	NGY	0	eP	03 02 55.-								
23	WKYN	I	eP	03 59 34.8		eS	0.6	45 42	- -			和歌山付近 Near Wakay-ama
	SMT	0	eP	59 38.0		iS	3.6					
	MRTM	0	eP	59 46.3								
	SMSK	0	eP	59 46.5		eS	4.4					
	NR	0	e	59 49.3								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	e	59 51.-								W of
	OSK	0	e	59 52.2								Honshu.
	KYT	0	eP	04 00 04.4		S	3.6					
	KOCH	0	e	00 17.6								
23	WKYM	0	eP	04 20 04.5		eS	0.3					
23	WKYM	0	eP	04 27 02.9		eS	0.5					
23	NGY	0	eP	12 24 04.-								
23	SMT	0	i	15 23 33.1								
	SMSK	0	eP	23 33.1		eS	6.3					
	MRTM	0	e	23 53.9								
	KMYM	0	e	24 04.-								
23	WKYM	0	eP	22 20 06.7		eS	1.0					
23	WKYM	0	eP	23 01 38.3		eS	2.3	10 15	- -			
	SMT	0	i	01 47.8								
24	WKYM	0	eP	01 25 06.7		eS	0.7					
24	WKYM	0	eP	06 26 48.0		eS	7.2					
24	NGY	0	eP	18 23 53.-		S	30.-					
	KMYM	0	eP	24 02.2		eS	35.8					千葉県中
	KYT	0	eP	24 06.1		eS	46.0					部
	HKN	0	eP	24 08.4		eS	36.5					Central
	OSK	0	eP	24 17.8		eS	43.9					Honshu.
	TYOK	0	eP	24 26.0		S	52.-					
	WKYM	0	e	24 40.4								35.5°N
	TKMT	0	eP	24 45.2								140.0°E
	SMT	0	e	25 12.5								h=40Km
	TKSM	0	eP	25 39.0								
24	WKYM	0	e	19 20 48.7								
24	SMZ	I	iP	19 21 47.8		iS	12.3					

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Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Reriod(sec) N E Z	Pha.	P-Pha. m s	Remarks
	MTYM	0	iP	21 54.0		iS	15.5					日向灘
	UWJM	I	iP	21 54.3	+5	iS	10.0	120 70	- -			Off E
	HRSM	0	eP	21 59.9		eS	21.5					coast
	KOCH	0	eP	22 01.3		iS	13.1					of
	HMD	0	eP	22 03.5		eS	27.8					Kyushu
	MRTM	0	eP	22 13.5						e	32.7	
	TKMT	0	eP	22 15.1		eS	34.2					32.7°N
	OKYM	0	eP	22 15.2		S	32.0					132.0°E
	SMT	0	e	22 26.7						e	44.0	h=40Km
	MTE	0	e	22 28.0						e	19.7	
	TKSM	0	eP	22 28.3								
	TTR	0	e	22 41.5								
	KYT	0	eP	22 54.6		eS	44.8					
	OSK	0	eP	23 10.7						e	50.7	
	KMYM	0	e	23 20.-								
24	SMT	0	i	21 24 41.3								
24	HKN	0	eP	23 40 50.7		eS	2 12.4					
	SMT	0	e	40 58.1								根室南東沖
	NGY	0	eP	40 59.-						e	2 15.-	
	KYT	0	eP	41 00.7		eS	2 9.7					Off SE coast
	KMYM	0	e	41 21.-								of
	KOCH	0	eP	41 38.6		eS	2 32.8					Hokkaido
	OSK	0	e	41 49.6						e	1 57.7	43.0°N 146.0°E h=50Km
25	NGY	0	eP	01 21 24.-								
25	HRSM	II	P	11 37 29.8	-3 -2 (-)	S	10.7	73 95 76	3 3 3			周防灘
	MTYM	I	iP	37 31.5	(-) -14 (-)	iS	11.5	470 260 110	6 6 -			Off S
	UWJM	II	iP	37 34.7	+18	iS	11.8	120 120	1 1			coast
	HMD	II	iP	37 36.0	-5 -2 (-)	iS	13.7	86	3			of

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KOCH	I	iP	37 44.4	+1 −4	iS	19.1	98 58	1 1 1			W Honshu.
	SMZ	0	iP	37 44.7	−2 +2 (+)	iS	21.3					
	TKMT	0	eP	37 49.1	−3	eS	25.3	40 42 24	1 1 1			
	OKYM	0	iP	37 51.6	(−) (−) (−)	iS	25.4					33.8°N 131.8°E h=20Km
	YNG	0	P	37 51.8	(−) (−) (−)	S	26.9					
	MTE	0	iP	37 52.3		iS	25.2					
	TRGS	0	P	37 53.3		S	25.3					
	MRTM	0	iP	37 57.8	(+)	iS	26.4					
	TTR	0	P	37 59.8		S	35.5					
	TKSM	0	iP	38 02.0		iS	28.6	21 20 38	2 2 2			
	HMJ	0	eP	38 02.5		eS	34.9					
	SMT	0	eP	38 03.0		iS	38.9					
	SIG	0	eP	38 05.7		iS	36.5					
	TYOK	0	eP	38 09.6		S	41.8					
	KOB	0	eP	38 09.6		eS	42.8					
	MIZR	0	eP	38 09.8		eS	49.8					
	KYT	0	eP	38 10.4		eS	53.4					
	WKYM	0	eP	38 10.7		eS	39.1	22 18	− −			
	NR	0	e	38 14.1								
	NGY	0	eP	38 14.−		eS	59.−					
	SMSK	0	eP	38 15.2		S	52.9					
	OSK	0	eP	38 18.4		eS	40.7					
	KMYM	0	eP	38 22.2		eS	42.1					
	HKN	0	eP	38 30.9		eS	52.6					
25	YNG	0	eP	12 09 04.0		iS	26.9					
	OKYM	0	eP	09 19 2		iS	25.2					
	TKMT	0	eP	09 51.9								
25	KMYM	0	eP	19 23 40.1		S	40.4					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	NGY	0	P	23 41.2		S	41.8					
	TKSM	0	eP	23 46.5								
	OSK	0	e	23 47.-								
	TKMT	0	eP	23 49.7		iS	50 7					
	TKOK	0	e	23 52.5						e	52.2	
26	MTYM	0	eP	00 37 16.0		eS	9.0					
26	TKSM	I	iP	01 07 35.8		iS	5.0	27 20 7	1 1 1			徳島県東部 E of Shikoku 33.8°N 134.7°E h=30km
	TRGS	I	P	07 41.6		S	7.0	17 13	- -			
	SMT	I	iP	07 42.5		iS	7.2	41 53 12	0 0 0			
	WKYM	0	eP	07 43.2		eS	7.2	35 31	- -			
	IKMT	0	eP	07 44.7		iS	8.7					
	MRTM	0	eP	07 45.8		iS	8.7					
	KOCH	0	eP	07 49.4		eS	12.2					
	KOB	0	eP	07 49.9		eS	108					
	OKYM	0	P	07 50.3		iS	12.4					
	KYT	0	eP	07 59.3		eS	20.4					
	NR	0	e	08 00.1								
	OSK	0	e	08 02.1								
	SMSK	0	e	08 05.0								
	KMYM	0	e	08 09.-								
	NGY	0	eP	08 24.-								
26	TKMT	0	eP	11 59 54.1		eS	3.8					
27	WKYM	I	eP	00 50 40 2		eS	1.2	45 16	- -			
	SMT	0	i	50 44.5								
27	NGY	0	eP	18 21 01.-		eS	33.-					
28	TKMT	0	e	01 38 29.-								
28	NGY	0	eP	13 18 07.-		iS	9.-					
28	WKYM	0	eP	16 20 47.5		eS	1.0					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
30	SMZ	0	e	08 12 32.6								
	TKMT	0	e	12 56.2								
30	NGY	0	eP	12 14 06.-								

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

3 7 年 9 月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
1	Oyodo	大 淀	Nara	II	$13^h\ 40^m$	R		V S
	Chikano	近 野	Wakayama	I	14 10	S L		V S
8	Ichikano	市鹿野	〃	I	13 20	R		S
	Hiki	日 置	〃	II	30	V R		S
	Kiyokawa	清 川	〃	III	13 40	R	heard	L
	Shirahama	白 浜	〃	II	40	V R		V S
	Shishikui	宍 喰	Tokushima	II	40	R		S
	Hiwasa	日和佐	〃	III	40	R		L
	Osumihana	大角鼻	Kagawa	II	40	R		S
	Kito	木 頭	Tokushima	II	40	R		V S
	Naruto	鳴 門	〃	II	40	R		S

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
	Saijyo	西条	Ehime	I	h 40m	VR		VS
	Yuhi	油日	Shiga	I	40	SL		S
	Takano	高野	Hiroshima	II	16 20	R		S
9	Hiki	日置	Wakayama	I	17 30	VR		VS
	Shirahama	白浜	〃	I	35	R		S
15	Kito	木頭	Tokushima	II	07 26	R		S
18	Yuhi	油日	Shiga	I	15 02	SL		VS
24	Saijyo	西条	Ehime	I	19 22	SL		S
25	Kawakami	川上	〃	II	11 37	R		S
	Kure	呉	Hiroshima	II	38	SL		L
	Seranichi	世羅西	〃 〃	II	38	SL		S
	Hatsukaichi	廿日市	〃	II	11 39	R		S
	Miyoshi	三次	〃	II	40	R		L
	Kuhi	久比	〃	I	38	SL		VS
	Kakei	加計	〃	I	38	R		S
	Shobara	庄原	〃	I	38	SL		S
	Kuma	久万	Ehime	I	38	SL		VS
	Saijyo	西条	〃	I	38	R		S
	Innoshima	因島	Hiroshima	I	40	SL		VS
	Takano	高野	〃	II	12 09	R		VS
28	〃	〃	〃	II	01 37	R		S
	Shobara	庄原	〃	I	37	R		S

Remarks

VR : Very rapid (極急)
R : rapid (急)
SL : slow (緩)
VS : very short (極短)
S : short (短)
L : long (長)

International Seismological Centre

大阪管区

地震月報

昭和37年10月

THE MONTHLY REPORT OF EARTHQUAKES

October 1962

大阪管区気象台

The Osaka

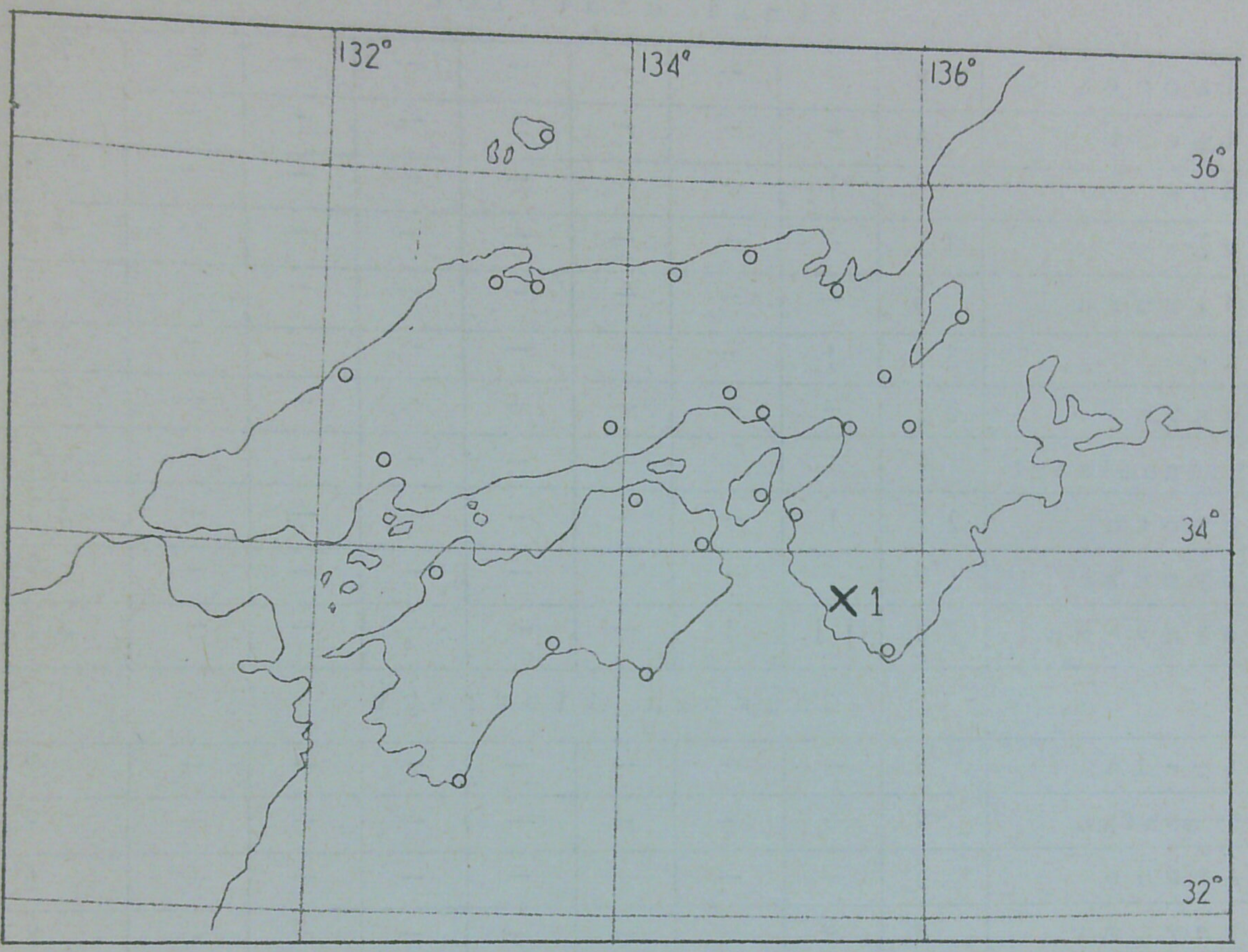
Distict Meteorological Observatory

Japan

International Seismological Centre

Epicenter of the major felt earthquakes , in west of Honshu, Shikoku.

Oct. 1962



Oct. 1962

No	Date	Origin Time (J.S.T)	Epicenter			Depth	Max. S.I.
			Location	Lat.	Long.		
1	7	09h 05m	和歌山県中部 W. of Honshu	33.7 °N	135.4 °E	40 Km	Ⅲ

International Seismological Centre

Number of earthquakes

Oct. 1962

Station \ S.I	0	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	28	—	—	—	—	—	—	—	28
Himeji	4	—	—	—	—	—	—	—	4
Kōbe	5	1	—	—	—	—	—	—	6
Kyōto	32	—	—	—	—	—	—	—	32
Maizuru	5	—	—	—	—	—	—	—	5
Nara	31	1	—	—	—	—	—	—	32
Ōsaka	22	—	—	—	—	—	—	—	22
Shionomisaki	9	—	—	—	—	—	—	—	9
Sumoto	22	1	—	—	—	—	—	—	23
Toyooka	9	—	—	—	—	—	—	—	9
Wakayama	20	11	1	—	—	—	—	—	32
Chūgoku district									
Hamada	9	—	—	—	—	—	—	—	9
Hiroshima	9	—	—	—	—	—	—	—	9
Matsue	6	—	—	—	—	—	—	—	6
Okayama	8	—	—	—	—	—	—	—	8
Saigō	4	—	—	—	—	—	—	—	4
Tottori	8	1	—	—	—	—	—	—	9
Yonago	7	—	—	—	—	—	—	—	7
Shikoku district									
Kōchi	15	—	—	—	—	—	—	—	15
Matsuyama	14	—	—	—	—	—	—	—	14
Murotomisaki	7	—	—	—	—	—	—	—	7
Shimizu	8	—	—	—	—	—	—	—	8
Takamatsu	13	1	—	—	—	—	—	—	14
Tokushima	5	1	—	—	—	—	—	—	6
Tsurugisan	4	—	—	—	—	—	—	—	4
Uwajima	7	—	—	—	—	—	—	—	7

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Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM : Hiroshima
KOCH : Kōchi
KOB : Kōbe
KYT : Kyōto
MIZR : Mizuru
MTE : Matsue
MTYM : Matsuyama
MRTM : Murotomisaki
NR : Nara
OKYM : Okayama
OSK : Osaka
SIG : Saigo
SMZ : Shimizu
SMSK : Shionomisaki
SMT : Sumoto
TKMT : Takamatsu
TKSM : Tokushima
TTR : Tottori
TYOK : Toyooka
TRGS : Tsurugisan
UWJM : Uwajima
WKYM : Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM : Kameyama

Period : 0 : < 0.4 Sec
1 : 0.5 ~ 1.4 Sec
2 : 1.5 ~ 2.4 Sec
.....

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	S	Max. Amplitude Amp. (μ) N	E	Z	Period(Sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
1	SMT	0	e	07	01	56.1																
	OSK	0	e		01	59.1													e		33.8	
	KMYM	0	e		02	09.-																
	HKN	0	eP		02	11.8																
	NGY	0	eP		02	16.-																
1	NGY	0	eP	12	12	46.-				eS	30.-											
	KMYM	0	eP		12	52.4				eS	28.1											
	HKN	0	eP		12	56.2				eS	34.1											
	KYT	0	eP		12	58.1				eS	38.0											

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Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max.Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	OSK	0	e		13	38.5																
	SMT	0	i		13	47.8																
	KOCH	0	e		14	25.6																
1	NGY	0	eP	20	37	48.0				S		3.6										
1	NGY	0	eP	21	25	00.-																
1	WKYM	I	eP	23	40	42.2				eS		0.9	21	18		-	-					和歌山付近
2	KYT	0	e	05	48	29.3																
2	NGY	0	eP	05	51	47.-				eS		26.-										
	KMYM	0	e		51	51.-				eS		27.-										
	KYT	0	eP		51	55.3				eS		37.8										
	HKN	0	eP		51	57.0				eS		30.5										
	OSK	0	e		52	54.7																
2	KYT	0	e	08	11	25.4																
2	WKYM	0	eP	08	33	13.8				eS		1.0										
2	WKYM	I	eP	11	43	29.3				eS		0.6	20	25		-	-					和歌山付近
	SMT	0	eP		43	32.4				iS		3.5										
2	SMT	0	i	22	09	22.3																
4	N R	0	e	04	23	00.6																
4	KYT	0	iS	04	32	49.8																
4	NGY	0	p	05	15	26.4				eS		36.-										福島県西部
	HKN	0	p		15	31.1				S		37.4										N of Honshu
	KMYM	0	eP		15	32.7	(-)		(-)	eS		38.4										37.4°N
	KYT	0	eP		15	35.2				eS		38.2										139.4E
	N R	0	e		15	38.8																h=220
	TYOK	0	iP		15	39.3	(-)	(-)	(+)													Km
	OSK	0	ep		15	42.1																
	SMT	0	e		15	48.5																
	TKMT	0	ep		15	53.7				eS		57.-										

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	OWS	0	e	16 13.5								
4	WKYM	I	eP	21 58 25.2		eS	1.4	13 9	- -			
4	NGY	0	P	23 56 33.9	-3 -1 (+)	eS	14.5					岐阜県北部 Central Honshu 36.3°N 137.3°E h=40Km
	HKN	0	iP	56 41.3	-3 -4 (+)	S	16.4					
	KMYM	0	eP	56 42.6		S	19.0					
	KYT	0	eP	56 47.9		eS	21.8					
	NR	0	eP	56 49.8		eS	27.6					
	OSK	0	e	56 53.3						e	33.-	
	OWS	0	eP	56 56.0		S	30.6					
	TYOK	0	eP	56 57.1		S	27.4	70	1			
	KOB	0	eP	56 58.5		eS	29.3					
	TTR	0	eP	57 04.4		eS	34.9					
	WKYM	0	e	57 05.0								
	SMT	0	eP	57 06.9		eS	33.9					
	SMSK	0	eP	57 09.8		eS	37.4					
	OKYM	0	eP	57 14.7		S	41.2					
	TKMT	0	iP	57 17.0								
	MTYM	0	eP	57 39.9		eS	50.5					
	YNG	0	eS	58 04.7								
	TKSM	0	eP	58 17.7						i	26.6	
5	NGY	0	eP	09 23 43.-								
	KYT	0	eP	24 15.4		eS	20.7					
6	NGY	0	eP	02 46 28.-		eS	1 9.-					
6	WKYM	0	eP	06 14 05.4		eS	0.4					
6	NGY	0	e	13 33 28.-								
	KYT	0	eP	33 36.1		eS	14.6					
	HMD	0	e	33 42.0								
6	KYT	0	e	13 40 21.8						e	1 20.5	

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
6	HMD	0	eP	14 41 00.4		eS	1 48.5					
	KYT	0	e	41 24.8						e	2 22.0	
7	NGY	0	eP	05 43 06.-		eS	22.-					
	HKN	0	eP	43 08.6						e	9.1	
	KMYM	0	eP	43 12.2								
	NR	0	e	43 18.8								
	KYT	0	iS	43 30.2								
	TYOK	0	i	43 41.6								
	OSK	0	e	43 44.4								
7	SMSK	0	iP	09 05 20.8	-1 +3 (+)	iS	5.6	94 84	2 2			和歌山県
	WKYM	I	eP	05 23.8		eS	7.4	55 47	- -			中部
	SMT	I	iP	05 26.0	+2 -1 (+)	iS	9.8	60 50 20	0 0 0			W of
	OWS	I	iP	05 26.4	(-) (-) (-)	iS	10.1	46 37 21	- - -			Honshu
	TKSM	I	iP	05 28.4		iS	5.0					
	OSK	0	eP	05 31.5		eS	12.-	130 81	4 3			
	KOB	I	iP	05 31.5	+4 -2 (+)	iS	13.4	64 27 29	0 0 0			
	TRGS	0	eP	05 32.7		iS	12.6					
	MRTM	0	eP	05 32.9		iS	14.4					33.7°N
	NR	0	eP	05 33.9		eS	13.1					135.4°E
	TKMT	I	P	05 36.7	-1 +2 (-)	iS	16.5	77 75 58	1 1 1			h=40Km
	HMJ	0	iP	05 36.8	-15 +4 (-)	iS	15.9					
	MTYM	0	iP	05 31.0								
	KYT	0	iP	05 38.5		iS	15.3					
	OKYM	0	P	05 39.4		iS	19.0					
	KMYM	0	P	05 40.1	(-) (-) (-)	iS	18.1	120 100	1 1			
	KOCH	0	eP	05 40.5						e	14.6	
	HKN	0	eP	05 45.8		S	20.9					
	MIZR	0	eP	05 47.1		eS	21.6					

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	TYOK	0	ePg	05 47.2		iS	28.0	54 120	1 1			
	NGY	0	ePg	05 47.-		iS	27.-					
	YNG	0	ePg	05 56.2		iS	32.7					
	UWJM	0	ePg	05 49.-								
	HRSM	0	ePg	05 57.0		eS	32.7					
	TTR	0	P	06 ~								
	MTE	0	iP	06 01.5		iS	30.8					
	SIG	0	ePg	06 09.9		S	36.9					
	HMD	0	ePg	06 11.1		S	30.7					
	SMZ	0	ePg	06 55.6						e	28.3	
7	WKYM	0	ePg	10 18 04.8		eS	0.6					
7	SMT	0	i	11 50 10.0								
7	NGY	0	ePg	12 54 23.-								
8	NGY	0	e	02 24 02.-		eS	27.-					
	KYT	0	e	25 15.4								
8	UWJM	0	e	07 33 54.3								
8	MTYM	0	e	10 01 49.1								
8	MTYM	0	ePg	10 03 50.6								
8	MTYM	0	e	11 03 47.1		eS	7.5					
8	HRSM	0	e	11 36 10.5								
8	NGY	0	ePg	22 42 01.-		eS	1 3.-					
8	NGY	0	ePg	22 48 26.-		eS	1 3.-					
	HKN	0	ePg	48 35.9								
9	SMZ	0	ePg	06 59 31.5		eS	2 35.2					
	UWJM	0	ePg	59 33.4		eS	2 43.9					
	KOCH	0	P	59 40.2	(-) (-)	eS	2 51.4	1 10 1 20 1 20	12 11 11			台湾付近
	HRSM	0	iPg	59 42.9	-11 -12 (-)	eS	2 45.0					
	MTYM	0	ePg	59 43.-								

Date	Station	S.I.	Pha.	Time (J.S.T) h	m	s	Initial Motion(μ) N	E	Z	Pha.	P-Pha. m	s	Max. Amplitude Amp.(μ) N	E	Z	Period(sec) N	E	Z	Pha.	P-Pha. m	s	Remarks
	MRTM	0	eP		59	45.9													e	7	50.4	台湾
	TRGS	0	e		59	46.9																付近
	TKMT	0	eP		59	52.0				eS	2	25.5										
	HMD	0	iP		59	53.2				S	2	39.5										Formasa
	SMSK	0	eP		59	54.2													e	3	9.2	{ 23°N
	MTE	0	iP		59	54.9				S	3	1.0										121°E
	YNG	0	eP		59	55.8				eS	3	1.1										
	SMT	0	eP	07	00	00 8				eS	3	26.6										
	OSK	0	eP		00	04.1				eS	3	21.0		70			5					
	SIG	0	P		00	05.4				eS	3	47.1										
	WKYM	0	e		00	06.2													e	3	26.5	
	TYOK	0	eP		00	07.0													e	3	5.8	
	KOB	0	eP		00	07.5				eS	3	18.3										
	OWS	0	eP		00	07.6																
	KYT	0	eP		00	13.5				eS	3	30.4										
	KMYM	0	P		00	18.6	(-)	(-)	(-)	eS	3	51.7										
	HKN	0	P		00	20.6				S	3	41.7										
	NGY	0	eP		00	23.-													e	4	31.-	
	MIZR	0	e		00	32.8													e	7	51.4	
	TTR	0	e		08	04.1																
9	UWJM	0	eP	10	14	17.3				iS		16.3										
	MTYM	0	iP		14	20.4				iS		23.5										
	HRSM	0	eP		14	20.6				iS		17.8										
	SMZ	0	eP		14	22.8				iS		20.2										
	KOCH	0	eP		14	26.5				S		23.6										
	TKMT	0	eP		14	33.7				eS		27.4										
	OKYM	0	P		14	34.2				iS		27.4										
	SMT	0	eP		14	40.4				iS		35.8										

International Seismological Centre

Date	Station	S.J.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	e	15 35.-								
	NGY	0	e	16 03.-						S	15.-	
10	TKMT	0	eP	05 21 57.-		eS	6 14.-					
	KOCH	0	e	22 06.5								Near
	KMYM	0	eP	22 06.7						e	6 0.6	Newguin-
	NGY	0	e	22 07.-						e	5 36.-	ea
	KYT	0	eP	22 08.4								Ie,
	SMT	0	e	22 09.8						e	1 16.2	3.2°S 148.2°E h=33km
	OSK	0	e	22 09.8								
	HMD	0	P	22 22.8	-1 (-)					e	5 59.7	(U.S.C. G.S)
10	SMZ	0	eP	16 50 48.9		eS	34.4					(U.S.C.
	UWTM	0	eP	50 53.6		eS	21.0					G.S)
	MRTM	0	eP	51 04.2		eS	29.4					
	MTYM	0	eP	51 06.8		eS	49.0					
	TKMT	0	eP	51 16.-						e	1 2.-	
	KOCH	0	e	51 20.7		eS	27.7					
	SMT	0	eP	51 21.5		eS	31.8					
	HMD	0	eP	51 33.1		eS	45.6					
	KYT	0	eP	51 34.4						e	1 51.4	
	NGY	0	e	51 47.-								
	OSK	0	e	52 15.8								
	YNG	0	e	52 19.1								
	KMYM	0	e	52 35.-								
11	HMD	0	e	03 30 21.5						e	4 15.2	
11	WKYM	0	eP	04 32 26.0		eS	1.0	9 9	- -			
11	WKYM	0	eP	22 41 45.6		eS	0.4	9	-			
12	WKYM	0	eP	00 41 35.6		eS	0.9	13 16	- -			
12	KOCH	0	e	02 07 36.8								

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Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	P-Pha.	Max.Amplitude						Pha.	P-Pha	Remarks
								Amp. (μ)			Period(sec)					
				h m s	N E Z		m s	N F Z			N E Z				m s	
12	UWJM	0	e	02 29 19.2												
13	SMT	0	i	02 44 30.5												
13	WKYM	0	eP	06 08 47.5		eS	2.6	4			-					
13	WKYM	0	eP	07 40 00.5		eS	0.6	5			-					
14	MTYM	0	e	03 46 28.2												
14	NGY	0	eP	17 23 11.-												
14	HMD	0	eP	23 39 21.0		eS	45.9									
15	SMZ	0	eP	00 09 19.2		S	23.2									日向灘
	UWJM	0	eP	09 23.1		eS	19.3									off E
	MRTM	0	eP	09 37.6										e	58.1	Coast
	MTYM	0	eP	09 43.0		eS	33.0									of
	KOCH	0	eP	09 45.1		eS	30.0									Kyushu
	HRSM	0	eP	09 46.6		eS	32.3									
	TKMT	0	eP	09 49.5		eS	53.7	32	45	10	2	1	1			31.3 °N
	OKYM	0	P	09 53.3		S	48.2									132.0°E
	MTE	0	eP	10 05.6		iS	44.3									h=40Km
	TRGS	0	eP	10 06.2		S	34.1									
	WKYM	0	eP	10 06.9		eS	52.1	14	15		-	-				
	HMJ	0	eP	10 07.9		eS	53.3									
	SMSK	0	eP	10 08.6		e	1 26.2							e	23.1	
	YNG	0	eP	10 08.7		eS	48.5									
	TKSM	0	eP	10 09.1		iS	49.8	75	56	18	1	1	1			
	TTR	0	eP	10 11.3		eS	1 9.0									
	OWS	0	eP	10 13.3		eS	40.1									
	KYT	0	eP	10 13.4		eS	1 16.2									
	NR	0	e	10 14.0												
	SMT	0	eP	10 15.5		S	44.0									
	HKN	0	eP	10 20.1		eS	1 14.3									

Date	Station	S.J.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	eP	10 21.3		eS	1 0.9					
	TYOK	0	eP	1 10 23.-			2.-			e	36.-	
	NGY	0	eP	10 23.-		eS	1 2.-					
	KOB	0	e	10 26.-								
	SIG	0	eP	10 27.3		S	52.3					
	OSK	0	eP	10 29.3		eS	54.8					
15	MTYM	0	eP	05 36 46.7		eS	46.5					
15	TKMT	0	eP	05 38 06.2								
15	NGY	0	eP	06 15 00.-		eS	59.-					
15	TKMT	0	eP	06 32 05.9		eS	15.3					
	MTYM	0	eP	32 06.1		eS	14.0					
	KOCH	0	eP	32 12.7		eS	20.0					
	TTR	0	P	32 22.5								
15	WKYM	I	eP	06 59 41.9		eS	1.1	23 27	- -			
16	KMYM	0	e	14 44 53.-		eS	25.-					
	SMSK	0	eP	44 56.4								
	NGY	0	e	45 03.-								
	KYT	0	eS	45 27.3								
16	SMT	0	eP	18 56 17.8		iS	3.5					
16	WKYM	I	eP	19 00 14.2		eS	0.6	20 130	- -			和歌山付近
17	NGY	0	e	03 09 43.-								
	OSK	0	e	10 00.-								
17	WKYM	0	eP	08 30 59.5		eS	1.0	5 10	- -			
17	NGY	II	P	20 57 43.8	+4 +12 (-)	iS	8.5	140 140 52	- - -			愛知県東部
	KMYM	0	P	57 49.7	(-) -1 (+)	S	12.3					
	HKN	0	P	57 53.9		S	14.8					
	OWS	0	eP	57 55.5		iS	12.5					
	NR	0	eP	57 59.2		eS	19.4					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KYT	0	eP	57 59.8		eS	20.0					
	OSK	0	eP	58 04.7		iS	19.6					Central
	WKYM	0	eP	58 04.8		eS	26.2			i	19.6	Honshu
	MIZR	0	eP	58 05.4		eS	24.2					
	KOB	0	e	58 06.-								34.9 °N
	HMJ	0	eP	58 14.5		eS	32.8					137.6 °E
	SMT	0	e	58 16.2								h=45Km
	SMSK	0	eP	58 16.3		eS	25.5			i	31.5	
	TYOK	0	eP	58 16.7		eS	29.4	84	1			
	TKMT	0	eP	58 20.2								
	TKSM	0	eP	58 23.0								
	TTR	0	eP	58 26.5		eS	37.5					
	MRTM	0	eP	58 29.9								
	MTE	0	eP	58 34.6								
	YNG	0	e	58 36.4						e	44.5	
	KOCH	0	e	58 41.9						e	26.0	
17	OWS	0	iP	21 40 00.1	(+) (-) (-)	iS	37.3					遠洲灘
	SMSK	0	P	40 02.2		iS	38.0					Off S
	NGY	0	iP	40 02.7	+6 -1 (+)	iS	40.6					coast of
	KMYM	0	P	40 03.3	+1 -1 (+)	S	39.4					Cehtral
	NR	0	P	40 05.8	+1 -2							Honshu
	KYT	0	iP	40 06.5		iS	42.2					
	HKN	0	iP	40 07.5	+7 -3 (+)	iS	40.0					
	OSK	0	eP	40 07.5		S	41.1					
	SMT	0	iP	40 08.2	-4 (+)	iS	44.1					
	KOB	0	eP	40 08.3	(+) (-) (+)	eS	43.4					33.7 °N
	WKYM	0	eP	40 08.6		eS	39.9					138.4 °E
	MIZR	0	eP	40 11.4	+2 -2 (+)	eS	45.0					h=350 Km

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	HMJ	0	P	40 12.1		S	46.3					
	TKSM	0	iP	40 12.8								
	MRTM	0	iP	40 13.1	(-)					e	1 10.0	
	TKOK	0	iP	40 15.0	(+) (-) (+)	S	48.1					
	TKMT	0	eP	40 15.8		eS	49.0					
	TTR	0	e	40 18.7								
	KOCH	0	iP	40 19.0	-4 (+)	iS	51.6					
	SMZ	0	iP	40 23.5	(-) (-)					e	35.9	
	SIG	0	P	40 24.9		S	1 0.6					
	YNG	0	eP	40 25.4		eS	56.8					
	MTE	0	eP	40 27.0								
	HMD	0	P	40 34.1	-1 +2 (-)	eS	1 4.4					
18	NGY	0	eP	05 03 06.-								
18	KOCH	0	iP	15 41 56.8								
	TKMT	0	eP	42 13.6								
18	NGY	0	eP	17 44 00.-						e	2 55.-	
	HKN	0	P	44 22.9						e	3 40.6	
	OSK	0	e	47 42.4								
19	NGY	0	eP	22 57 07.-		eS	31.-					
	HKN	0	eP	57 48.2						e	10.9	
20	WKYM	0	eP	00 31 36.9		eS	1.0					
20	NGY	0	P	02 45 24.4		S	11.6					
	KMYM	0	e	45 43.-								
	HKN	0	eP	45 46.1		S	8.7					
20	SMSK	0	eP	13 10 25.1		S	4.3					
	WKYM	0	eP	10 30.4		eS	0.6					
	SMT	0	eP	10 33.5		iS	3.5					
20	HKN	0	eP	14 13 20.0		S	1.7					

International Seismological Centre

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha. m s	Max.Amplitude Amp.(μ) N E Z	Max.Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	REMARKS
	KMYM	0	P	13 23.2		S	4.7					
21	WKYM	0	eP	11 38 33.5		eS	0.5	4 4	- -			
21	WKYM	0	eP	15 07 44.8		eS	1.1	4 4	- -			
21	MTYM	0	eP	15 32 18.5		eS	3.0					
21	WKYM	0	eP	20 27 56.2		eS	1.0	3 7	0 0			
22	TKMT	0	eP	10 48 20.5		iS	9.5					
	TRGS	0	eP	48 22.3		iS	3.0					
	TKSM	0	iP	48 22.8		iS	5.1					徳島県中部
	SMT	0	eP	48 26.3		iS	7.5					
	MRTM	0	eP	48 28.1		eS	8.1					Shikoku
	KOCH	0	eP	48 28.3		S	9.5					
	KYT	0	e	49 12.5								
23	KYT	0	eP	00 28 18.4		eS	11.9					
23	NGY	0	P	04 58 37.9		S	4.4					
23	NGY	0	eP	07 20 06.-		eS	54.-					福島県沖 Off E coast of N of Honshu 37.6 °N 141.9°E h=40Km
	HKN	0	eP	20 12.8		eS	59.0					
	KMYM	0	eP	20 13.3		eS	1 4.6					
	KYT	0	eP	20 25.5		eS	1 22.7					
	NR	0	e	21 01.9								
	OSK	0	e	21 27.6						e	1 21.1	
	SMT	0	e	21 57.0								
23	TTR	0	P	08 39 22.9		iS	2.6					
23	NGY	0	eP	19 23 32.-		S	26.-					利根川中流 Central Honshu 36.2 °N 139.5°E h=75Km
	KMYM	0	eP	23 37.3						e	32.-	
	HKN	0	eP	23 40.5		eS	29.8					
	KYT	0	eP	23 55.2		eS	37.4					
	NR	0	e	23 57.7								
24	NGY	0	eP	07 28 41.-		eS	26.-					利根川中流

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E	Pha.	P-Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	HKN	0	eP	28 48.2								
	KMYM	0	eP	28 56.6								Central Honshu
	KYT	0	eP	29 00.4		eS	47.0			e	36.-	N
	OSK	0	e	29 22.6								36.2 °N
												139.5 °E
										e	1 8.9	h=75 Km
24	NGY	0	eP	09 44 43.-		eS	33.-					
24	WKYM	0	eP	15 21 56.1		eS	1.0	5 5	- -			
24	TTR	I	iP	16 21 02.3		iS	1.9	70 22 18	- - -			鳥取付近
25	SMZ	0	eP	18 40 25.7		S	5 2.6					
	KOCH	0	P	40 35.0	(-) (+)					e	5 6.7	
	SMSK	0	eP	40 37.7		e	5 5.6			e	1 8.2	
	SMT	0	i	40 44.1						e	5 12.8	
	OSK	0	eP	4 40 46.8		e	2 6.8			e	4 21.2	
	KYT	0	eP	40 48.5		eS	5 14.8					Molucca
	NR	0	e	40 50.2								Str.
	KMYM	0	P	40 52.6	+4 (-)					e	5 15.-	3.0 °N
	MTE	0	e	40 52.7								126.7 °E
	TYOK	0	P	40 54.0								h=33 Km
	NGY	0	iP	40 54.9	-3 -1 (-)					e	5 22.5	
	HKN	0	P	40 55.7		eS	5 21.7					(U.S.C.G.S)
25	WKYM	0	eP	23 04 29.5		eS	1.0	2	-			
	SMT	0	i	04 38.2								
27	NGY	0	eP	17 48 07.-		eS	28.-					
	KMYM	0	eP	48 12.3		eS	27.6					
	KYT	0	eP	48 18.2		eS	37.5					
	HKN	0	eP	48 22.0		eS	27.7					
	OSK	0	e	48 22.1								
	NR	0	e	48 50.0								
27	NGY	0	eP	19 18 32.-		eS	57.-					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P-Pha m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
	KMYM	0	e	18 41.-								
	KYT	0	eS	18 48.6								
	HKN	0	eP	18 55.8								
27	WKYM	0	eP	20 54 25.4		eS	0.7	11 9	- -			
27	WKYM	0	eP	21 49 36.6		eS	0.7	9 8	- -			
28	NGY	0	P	01 56 02.0		iS	6.9					
	KMYM	0	eP	56 05.5		eS	14.9					
	HKN	0	eP	56 11.8		eS	16.2					
28	SMZ	0	e	04 20 57.4								
28	WKYM	I	eP	06 00 17.8		eS	0.5	8	-			和歌山付近
28	WKYM	I	iP	10 19 16.2	-9 +3 (+)	eS	0.9	150 100 36	0 0 0			
	SMT	0	P	19 19.4		iS	3.8					
28	OKYM	0	eP	10 24 49.7		iS	11.2					
28	OKYM	0	eP	13 07 59.8		S	10.8					
28	HKN	0	eP	18 38 36.3		eS	1.5					
28	OKYM	0	P	19 58 59.4		S	13.6					
29	NGY	0	eP	02 50 43.-		eS	53.-					
	KYT	0	eP	51 05.5		eS	57.5					
	HKN	0	eP	51 08.0		eS	1 0.2					
	KMYM	0	e	51 19.-		eS	43.-					
	OSK	0	e	51 31.4						e	1 2.1	
29	HKN	0	eP	03 39 18.6		eS	2.9					
	MIZR	0	eP	39 21.5		eS	6.8					
	KYT	0	iS	39 23.9								
29	OKYM	0	P	15 16 10.0		iS	7.4					
30	WKYM	II	iP	03 58 11.4	-8	eS	1.0	89 72	1 1			和歌山付近
31	NGY	0	eP	21 04 38.-		eS	1 0.-					
	HKN	0	eP	04 46.6								

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Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	P-Pha.	Max. Amplitude			Pha.	P-Pha.	Remarks
								Amp. (μ)	Period(sec)				
				h m s	N E Z		m s	N E Z	N E Z			m s	
31	NGY	0	P	22 58 58.8		iS	24.5						
	KMYM	0	eP	59 03.4		eS	26.9						
	HKN	0	eP	59 08.3		eS	30.2						
	NR	0	e	59 09.9									
	KYT	0	eP	59 11.1		eS	34.5						
	OSK	0	e	58 16.4							e	31.8	

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

3 7 年 1 0 月

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Eartq-uake Sound	Duration of tremor
4	Yuhi	油 日	Shiga	I	$23^h\ 57^m$	S L		V S
7	Shirahama	白 浜	Wakayama	III	09 05	R	heard	L
	Hiki	日 置	〃	III	05	R		S
	Kurisugawa	栗栖川	〃	III	06	R		L
	Hiwasa	日和佐	Tokushima	III	06	R		L
	Naruto	鳴 門	〃	II	05	R		S
	Osumihana	大角鼻	kagawa	II	05	R		S
	Kiyokawa	清 川	wakayama	II	06	S L	heard	L
	Irokawa	色 川	〃	II	06	S L		S
	Ryūjin	竜 神	〃	II	06	S L	heard	S
	Ichikano	市鹿野	〃	II	05	S L		L
	Taisei	大 成	〃	II	05			

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Eartquake Sound	Duration of tremor
	Kito	木頭	Tokushima	I	h 05m	SL		VS
	Ichi	市	Hyōgo	I	05	R		S
	Haibara	榛原	Nara	I	05	VR		VS
	Yubi	油日	Shiga	I	05	SL		S
	Shirahama	白浜	Wakayama	I	10 18	R		S
	Ryujin	竜神	〃	II	11 45	SL	heard	S
13	Sueno	末野	Hyōga	II	01 19	SL		S
15	Syōbara	庄原	Hiroshima	I	06 30	R		VS
	Takano	高野	〃	II	32	VR		S
17	Yuhi	油日	Shiga	I	20 58	SL		L
22	Kure	呉	Hiroshima	III	14 44	VR		S

Remarks

VR : Very rapid (極急)　　VS : very short (極短)

R : rapid (急)　　S : short (短)

SL : slow (緩)　　L : long (長)

International Seismological Centre

大 阪 管 区

地 震 月 報

昭 和 37 年 11 月

THE MONTHLY REPORT OF EARTHQUAKES

November 1962

大 阪 管 区 気 象 台

The Osaka

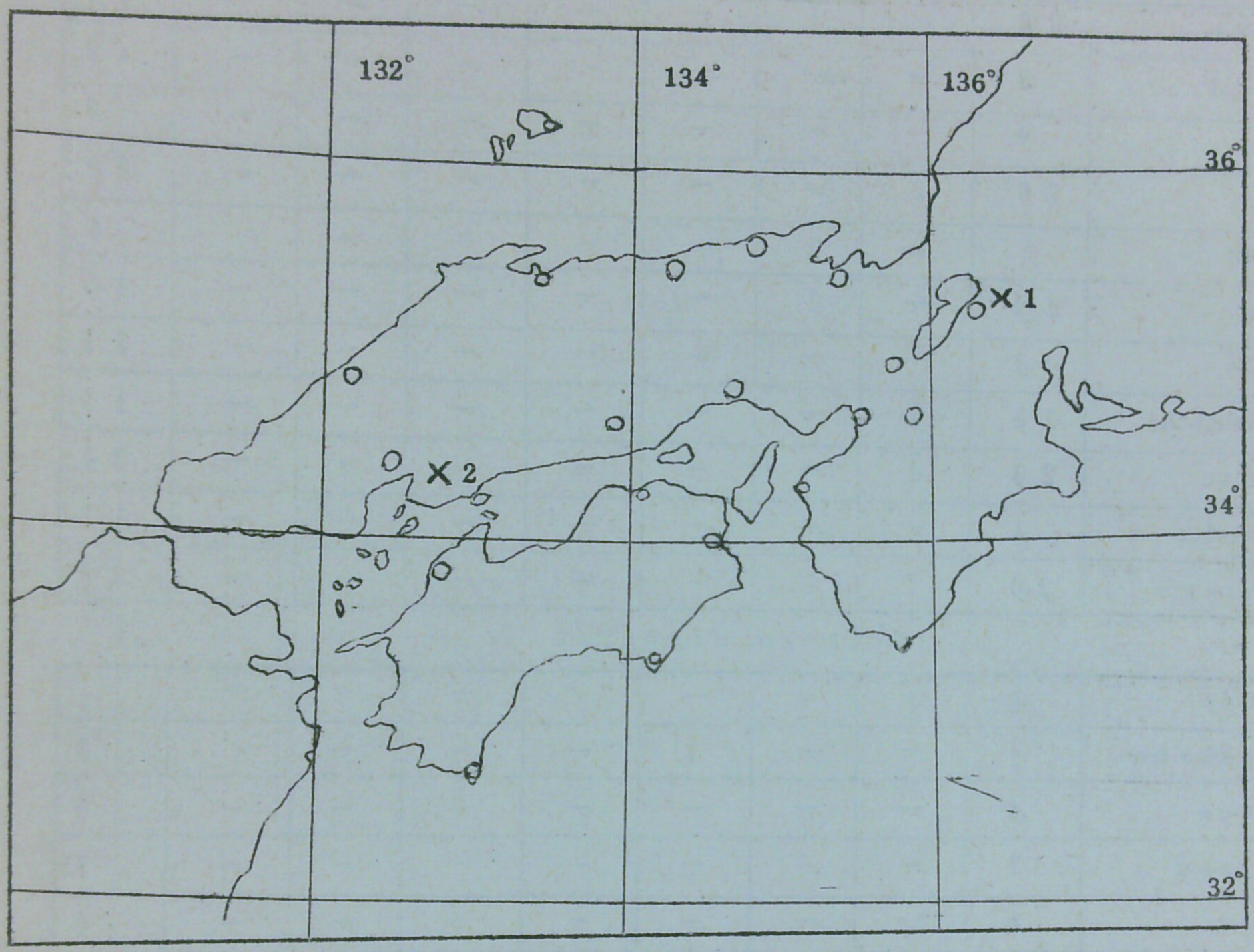
District Meteorological Observatory

Japan

International Seismological Centre

Epicenter of the major felt earthquakes, in west of Honshu, Shikoku,

Nov . 1962



Nov . 1962

No.	Date	Origin Time (J.S.T)	Epicenter				Max S. I.
			Location	Lat.	Long.	Depth	
1	13	01h 17m	滋賀 岐阜県境 W of Honshu	oN 35.3	oE 136.4	Km 30	Ⅲ
2	26	16 10	広島県南部 W of Honshu	34.3	132.8	20	Ⅳ

International Seismological Centre

Number of earthquakes

Nov. 1962

Station \ SI.	0	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	22	–	1	–	–	–	–	–	23
Himeji	8	–	–	–	–	–	–	–	8
Kōbe	9	–	–	–	–	–	–	–	9
Kyōto	27	1	–	–	–	–	–	–	28
Maizuru	5	–	1	–	–	–	–	–	6
Nara	14	–	1	–	–	–	–	–	15
Ōsaka	21	–	–	–	–	–	–	–	21
Shionomisaki	12	1	–	–	–	–	–	–	13
Sumoto	23	1	–	–	–	–	–	–	24
Toyooka	11	–	–	–	–	–	–	–	11
Wakayama	20	7	1	–	–	–	–	–	28
Chūgoku district									
Hamada	8	1	–	–	–	–	–	–	9
Hiroshima	7	–	–	1	–	–	–	–	8
Matsue	6	–	–	–	–	–	–	–	6
Okayama	7	–	–	–	–	–	–	–	7
Saigo	6	–	–	–	–	–	–	–	6
Tottori	7	–	–	–	–	–	–	–	7
Yonago	8	–	–	–	–	–	–	–	8
Shikoku district									
Kōchi	23	–	–	–	–	–	–	–	23
Matsuyama	15	1	–	–	–	–	–	–	16
Murotomisaki	14	–	–	–	–	–	–	–	14
Shimizu	15	–	–	–	–	–	–	–	15
Takamatsu	23	–	–	–	–	–	–	–	23
Tokushima	12	–	–	–	–	–	–	–	12
Tsurugisan	5	–	–	–	–	–	–	–	5
Uwajima	5	–	–	–	–	–	–	–	5

International Seismological Centre

Remarks

HMD :Hamada
HKN :Hikone
HMJ :Himeji
HRSM:Hiroshima
KOCH:Kōchi
KOB :Kobe
KYT :Kyōto
MIZR:Mizuru
MTE :Matsue
MTYM:Matsuyama
MRTM:Murotomisaki
NR :Nara
OKYM:Okayama
OSK :Ōsaka
SIG :Saigo
SMZ :Shimizu
SMSK:Shiomisaki
SMT :Sumoto
TKMT:Takamatsu
TKSM:Tokushima
TTR :Tottori
TYOK:Toyooka
TRGS:Tsurugisan
UWJM:Uwajima
WKYM:Wakayama
YNG :Yonago
NGY :Nagoya
OWS :Owashi
KMYM:Kameyama

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
1	NGY	0	eP	00 25 48.—		eS	26.—					
1	WKYM	1	eP	01 59 51.3		eS	1.3	27 36	0 0			和歌山
	SMT	0	eP	59 ～								付近
1	WKYM	0	e	02 18 03.0								
1	NGY	0	eP	06 10 48.—		eS	14.—					
1	WKYM	0	eP	08 17 01.9		eS	1.2	8 22	0 0			
1	WKYM	0	eP	13 25 03.5		eS	2.1	6	0			
1	TTR	0	P	14 37 16.5		S	1.2					
1	SMZ	0	eP	18 18 54.8						e	4.1	
	MTYM	0	eP	19 15.3		eS	22.0					
	TKMT	0	eP	19 37.—								
	NGY	0	e	20 40.—								
2	KOCH	0	e	00 39 41.4								
	OSK	0	e	39 50.4								
	KYT	0	eP	39 57.1						e	1 16.5	
	NGY	0	e	39 57.—								
	HKN	0	eP	39 59.6								
2	KOCH	0	eP	02 58 37.9						e	1 3.7	
	TKMT	0	P	58 50.4								

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	KYT	0	eP	58 53.1		eS	1 18.8					
	OSK	0	e	58 56.8								
3	NGY	0	eP	00 01 22.—		eS	38.—	140 150 64	3 2 2			
	HKN	0	P	01 31.3		S	48.3	90 170 20	1 2 1			
	MIZR	0	eP	01 32.8						e	58.9	
	KMYM	0	eP	01 35.1		eS	46.8	60	2			
	KYT	0	P	01 36.2		S	55.2					
	NR	0	eP	01 38.3						e	1 4.5	
	●SK	0	eP	01 41.3		eS	54.8	130 120	4 4			
	TYOK	0	eP	01 44.1						e	1 11.5	茨城県沖
	OWS	0	eP	01 44.9								
	SMSK	0	eP	01 49.4						e	1 29.8	Off E
	WKYM	0	eP	01 49.4		e	1 7.2	19 8	2 2	e	43.7	coast of
	TTR	0	eP	01 51.0		eS	58.1				21.7	N Honshu
	SMT	0	eP	01 56.2						e	1 21.7	
	SIG	0	eP	01 56.6								
	TKSM	0	eP	01 57.4						e	1 35.6	36.8°
	YNG	0	eP	02 00.8						e	1 46.5	140.9
	HMJ	0	eP	02 02.0						e	1 13.0	h=100 Km
	TKMT	0	eP	02 02.7						e	1 39.1	
	MTE	0	P	02 11.3		S	1 12.1					
	MRTM	0	eP	02 11.7						e	1 36.8	
	MTYM	0	eP	02 19.1						e	1 41.5	
	KOCH	0	eP	02 26.3		eS	1 10.2					
	HMD	0	eP	02 31.6		eS	1 25.3					
	HRSM	0	eP	03 00.5		eS	1 21.4					
	KOB	0	e	03 02.—								
	TRGS	0	e	03 04.0								
3	SMT	0	i	10 31 24.9								
4	WKYM	1	iP	00 58 02.1	+2 —1	eS	0.7	8 14	0 0			
4	TKMT	0	eP	12 00 10.3								
5	SMT	0	i	12 45 17.7								

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
6	MTYM	0	eP	05 04 55.9		eS	6.5					
	HRSM	0	eP	04 56.8		S	17.1					
	SMZ	0	eP	05 02.1		eS	14.5					
7	SMZ	0	eP	00 38 47.7		S	11.7					
	UWJM	0	eP	38 56.6		eS	8.8					日向灘 Off E coast of Kyushu 31.3°N 131.5°E h=60Km
	MTYM	0	eP	38 58.5						e	39.0	
	MRTM	0	eP	39 10.6		eS	23.2					
	TKMT	0	e	39 27.4								
7	UWJM	0	eP	03 40 03.7		iS	9.5					
	MTYM	0	eP	40 05.5						e	24.5	
	SMZ	0	P	40 06.7		S	11.4					
	KOCH	0	eP	40 25.2		eS	16.1					
	TKMT	0	eP	40 42.—		eS	19.—					
7	WKYM	0	eP	05 23 51.0		eS	0.5	3 4	— —			
7	SMZ	0	eP	05 48 11.6		eS	14.9					
	MTYM	0	eP	48 17.0						e	40.5	
	KOCH	0	e	48 37 0								
7	WKYM	0	eP	09 38 43.8		eS	1.4	6 5	— —			
	SMT	0	i	38 49.2								
7	SMT	0	eP	23 15 36.1		iS	6.0					
	OKYM	0	eP	15 42.4		iS	12.6					
	MRTM	0	eP	15 44.2		eS	10.9					
8	HKN	0	P	01 17 41.3								
8	NGY	0	e	05 06 43.—								
9	NGY	0	eP	15 15 30.—								
9	WKYM	0	eP	17 59 10.2		eS	2.4					
	SMT	0	eP	59 10.3		iS	5.9					和歌山県北部 W of Honshu
	SMSK	0	eP	59 15.9		iS	7.6					
	KYT	0	e	59 17.—								
	TKMT	0	eP	59 19.7		eS	14.5					
	MRTM	0	eP	59 23.3		eS	11.7					
	KMYM	0	e	59 31.3		eS	16.5					

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max.Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
9	NGY	0	eP	18 22 21.5		S	35.7	91 76	2 2			
	HKN	0	P	22 29.2		eS	42.6	97 54 31	2 2 2			
	KMYM	0	eP	22 29.7	(+)	eS	40.5					利根川
	OWS	0	eP	22 34.6						e	1 6.4	下流
	NR	0	eP	22 35.3						e	1 5.9	N of
	KYT	0	P	22 35.4		S	57.7					Honshu
	SMSK	0	eP	22 43.1						e	1 14.9	
	MIZR	0	eP	22 36.6						e	1 2.9	
	OSK	0	eP	22 39.8		eS	50.—	180 120	4 3			35.8N
	KOB	0	e	22 42.—						e	1 10.—	140.6E
	WKYM	0	e	22 44.0						e	49.0	h=60Km
	TYOK	0	eP	22 44.3								
	TTR	0	eP	22 49.1		eS	55.5					
	SMT	0	eP	22 49.3						e	1 6.5	
	HMJ	0	eP	22 52.2						e	1 15.4	
	TRGS	0	eP	22 53.3						e	1 19.6	
	TKSM	0	eP	22 53.8						e	1 28.6	
	TKMT	0	eP	22 58.8						e	1 21.0	
	MRTM	0	e	23 01.1						e	1 39.0	
	SIG	0	eP	23 01.8		eS	1 13.6					
	KOCH	0	eP	23 04.8						e	1 0.7	
	MTE	0	eP	23 09.3						e	1 29.3	
	MTYM	0	eP	23 15.1						e	1 46.5	
	YNG	0	eP	23 18.6		eS	1 12.9					
	HMD	0	eP	23 22.5		eS	1 31.1					
	SMZ	0	eP	23 30.2								
9	KMYM	0	eP	22 53 36.7		eS	1 30.6					
	KYT	0	P	53 42.4		eS	1 39.5					
	OSK	0	e	55 23.8								
10	NGY	0	eP	10 36 08.—		eS	2 15.—					
	HKN	0	P	36 09.7		P	2 1.6					
	KYT	0	eP	36 14.3		eS	2 9.4					

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	MIZR	0	eP	36 15.4		eS	2 9.3					
	SIG	0	eP	36 20.4		eS	2 51.3					
	TTR	0	e	36 21.8								Off SE
	NR	0	e	36 23.1								coast
	OSK	0	eP	36 25.0		eS	2 22.8					of
	KMYM	0	eP	36 28.5						e	1 51.0	Hokkaido
	MTE	0	eP	36 32.3		S	2 22.6					
	OWS	0	eP	36 34.9						e	1 52.7	43.0 N
	KOCH	0	eP	36 35.5		eS	2 25.5					147.5 E
	SMSK	0	eP	36 38.7						e	1 59.8	h= 60 Km
	TKMT	0	eP	36 41.6		eS	2 17.8					
	HMD	0	eP	36 44.3		eS	2 38.4					
	TKSM	0	eP	36 46.0								
	SMT	0	eP	36 47.1						e	1 50.0	
	HRSM	0	eP	36 56.1		eS	2 28.0			e	12 6.3	
	SMZ	0	eP	36 57.5		eS	3 8.8					
	TYOK	0	P	36 ～								
	YNG	0	eS	38 51.7								
11	NGY	0	eP	04 33 21.5		eS	1 8.6					
	HKN	0	eP	33 29.4		eS	1 16.0					金華山沖
	KMYM	0	eP	33 31.5		eS	1 8.8					38.5 N
	KYT	0	eP	33 33.2		eS	1 20.3					142.3 E
	OSK	0	e	33 50.8								h= 40 Km
11	MIZR	0	eP	16 10 28.6		eS	7.0					
	KMYM	0	e	10 36.8		eS	10.1					
11	WKYM	1	iP	20 14 14.5	(+1)(+4) (+)	S	4.5	13 9				和歌山県
	SMT	0	P	14 16.7		iS	6.2					北部
	TKSM	0	iP	14 17.4		iS	6.6					W of
	SMSK	0	P	14 21.6		S	8.8					Honshu
	KOB	0	e	14 23.—		eS	11.—					
	OWS	0	iP	14 24.1		iS	11.6					
	OSK	0	eP	14 24.4		eS	10.8			i	13.3	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max.Amplitude Amp.(μ) N E Z	Max.Amplitude Period(sec) N E Z	Pha.	P—Pha. m s	Remarks
	MRTM	0	eP	14 26.0		iS	14.1					
	NR	0	eP	14 27.9		eS	12.8					33.9 N
	HMJ	0	eP	14 30.7		S	12.4					135.2 E
	OKYM	0	P	14 32.9		iS	15.8					h= 10 Km
	KOCH	0	eP	14 33.7		eS	16.2					
	KMYM	0	eP	14 36.4		S	18.2					
	MTYM	0	eP	14 45.0		eS	25.0					
	NGY	0	eP	15 00.4						e	9.4	
11	MTYM	0	eP	20 37 17.0		eS	24.5					
	KOCH	0	e	37 29.1								
11	HMD	0	eP	20 41 34.6		eS	4 1.9					
	HRSM	0	e	45 02.—								
	SMZ	0	e	46 03.9						e	36.6	
	KOCH	0	e	46 05.0						e	2 0.4	
12	NGY	0	e	01 19 17.—								
	KMYM	0	eP	19 18.5						e	7 48.—	
	OSK	0	e	19 30.7						e	7 42.0	
	HKN	0	eP	19 34.0								
	TYOK	0	e	19 38.2								
	SMZ	0	e	19 40.4								
	HMD	0	eP	19 40.6						e	15.9	
	KYT	0	e	19 42.9								
12	NGY	0	eP	08 06 10.7		eS	24.1					
	KMYM	0	eP	06 21.7		S	28.7					
	NR	0	eP	06 34.3		eS	32.0					
	TYOK	0	e	06 43.2						e	49.6	
	OSK	0	e	07 10.0								
12	HKN	0	eP	20 06 19.9		eS	29.7					
12	KOCH	0	e	21 51 34.7						e	1 0.8	
	SMZ	0	eP	51 41.0		S	1 44.0					
	NGY	0	e	52 —								
13	HKN	II	iP	01 17 07.1	+30+187(—)	iS	5.0	8501300500	1 1 1			

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	NGY	Ⅲ	iP	17 09.5	−8 +19 (+)	iS	7.2	210330110	1 1 1			
	KMYM	Ⅱ	iP	17 09.6	+1 (−) (−)	iS	6.8	120130110	− − −			滋賀、岐阜県境
	KYT	Ⅰ	iP	17 14.1	(−) (−) (−)	iS	8.2	260230 67	1 1 1			
	NR	Ⅱ	iP	17 14.3	−5 −5 (+)	iS	10.7	490290130	1 0 0			W of
	MIZR	Ⅱ	iP	17 16.5	+4 −17 (+)	iS	10.5	57 57 47	0 0 0			Honshu
	OSK	0	iP	17 17.3	(+)	iS	13.4	260190120	2 3 2	i	1.1	35.3 N
	OWS	0	P	17 20.4		S	12.9					136.4 E
	KOB	0	eP	17 20.6	−4 −8 (+)	eP	11.9					h= 30 Km
	TYOK	0	iP	17 24.0	(+) −9 (+)			91 93 63	1 1 1	i	21.5	
	HMJ	0	eP	17 24.5								
	SMT	0	iP	17 25.1	(−) (−) (+)	iS	19.5					
	TTR	0	P	17 28.6						e	33.2	
	SMSK	0	eP	17 30.9		S	22.9					
	TKSM	0	iP	17 31.8		iS	24.0					
	TKMT	0	eP	17 33.3		eS	27.4					
	YNG	0	eP	17 39.5						e	41.4	
	MRTM	0	eP	17 42.3						e	32.4	
	KOCH	0	P	17 44.3	(−) (−)	iS	34.0					
	MTE	0	eP	17 49.9		S	38.7					
	HRSM	0	eP	17 52.2		eS	50.6					
	MTYM	0	eP	17 52.6		eS	57.4					
	SIG	0	eP	17 52.8		S	41.1					
	TRGS	0	e	18 02.6								
	HMD	0	eP	18 04.1		eS	44.2					
	SMZ	0	eP	18 05.9		iS	59.0					
13	WKYM	Ⅰ	P	01 29 59.4		S	1.0	39 37	− −			
	SMT	0	eP	30 03.0		iS	3.3					
13	SMZ	0	i	01 59 54.7								
	MTYM	0	eP	02 00 17.3		eS	11.0					
13	NGY	0	eP	17 50 35.−		eS	1 56.−					
	KMYM	0	e	56 59.−								
14	WKYM	0	eP	03 23 12.6		eS	1.0	17 8	− −			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Phase m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	SMT	0	eP	23 16.6		S	3.0					
14	KOCH	0	e	04 38 58.1								
14	KOCH	0	eP	04 39 21.1		iS	2.0					
	MRTM	0	e	39 36.0								
14	NGY	0	eP	08 50 44.—		eS	41.—					
14	WKYM	0	eP	15 03 10.0		eS	0.9	12 10	— —			
	SMT	0	i	03 14.8								
14	NGY	0	eP	16 48 57.3		eS	40.5	190160 64	3 3 2			
	HKN	0	P	49 05.1		eS	1 1.2	87 74 39	2 2 1			
	KMYM	0	eP	49 05.2		eS	48.3					銚子
	OWS	0	P	49 08.5		iS	1 16.5					東方沖
	NR	0	eP	49 15.8		eS	50.4					Off E
	KYT	0	eP	49 16.2		S	48.7					coast
	MIZR	0	eP	49 17.2		eS	1 3.6					of
	OSK	0	eP	49 19.1		eS	55.8	220200 83	5 4 4			Chiba
	TYOK	0	eP	49 21.1				130 54	1 1	e	1 28.6	Pref.,
	WKYM	0	eP	49 22.2		eS	1 6.9	22 11 10	1 2 3			central
	KOB	0	e	49 22.—		eS	1 17.—					Honshu
	SMSK	0	eP	49 23.2		eS	1 6.5					
	HMJ	0	eP	49 25.1		eS	1 18.6					35.7 N
	TKMT	0	eP	49 29.2		eS	1 21.6					141.1 E
	SMT	0	eP	49 30.0		S	1 3.5					h= 40 Km
	TTR	0	eP	49 34.8		eS	1 26.4					
	MRTM	0	eP	49 35.0						e	1 47.1	
	KOCH	0	eP	49 41.5		eS	1 16.9					
	MTE	0	P	49 47.0		S	1 27.6					
	SIG	0	eP	49 47.1		eS	1 21.2					
	HRSM	0	eP	49 49.6		eS	1 35.0					
	UWJM	0	eP	49 53.4						e	1 4.4	
	MTYM	0	eP	49 53.5						e	2 5.0	
	YNG	0	eP	49 56.0		eS	1 20.5					
	HMD	0	P	49 56.7	+2 (—)	eS	1 22.9			i	2 1.4	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	TRGS	0	e	50 11.8								
	SMZ	0	e	51 46.3						e	1 17.3	
14	NGY	0	eP	16 57 30.—		eS	45.—					
	HKN	0	eP	57 38.9		eS	1 4.3					銚子沖
	KMYM	0	e	57 46.—						e	50.—	Off E
	NR	0	e	57 54.2								coast of
	KYT	0	eP	57 56.7		S	53.8					N Honshu
	TYOK	0	e	58 07.—								
	TKMT	0	eP	58 22.9		eS	1 18.2					
	WKYM	0	e	58 56.9								
	TKSM	0	e	59 36.2								
	KOCH	0	e	17 00 00.7								
15	NGY	0	e	07 06 17.—								
	KMYM	0	e	06 21.—								
	HKN	0	eP	06 23.6								
15	WKYM	0	P	08 59 40.5		S	0.9	4 19	— —			
15	WKYM	II	iP	18 27 58.6	+5 −4 (+)	S	1.9	130160 88	1 1 1			和歌山県
	SMT	I	iP	28 02.4	−3 +1 (−)	iS	4.1	18 12 4	0 0 0			北部
	TKSM	0	iP	28 06.4		iS	7.8					
	KOB	0	e	28 08.—		eS	7.—					W of
	NR	0	eP	28 12.9		eS	9.4					Honshu
	HMJ	0	eP	28 13.0		S	8.9					
	TKMT	0	eP	28 14.3		eS	16.8					34.2 N
	OSK	0	e	28 16.—								135.2 E
	KMYM	0	e	28 18.0		eS	22.1					h= 10 Km
	SMSK	0	eP	28 22.3		eS	6.4					
	NGY	0	eP	28 51.—								
15	NGY	0	eP	22 49 23.4		eS	47.—					銚子沖
	HKN	0	eP	49 32.1		eS	56.0					Off E
	KMYM	0	eP	49 36.7		eS	48.9					coast of
	OSK	0	eP	49 46.9		eS	56.3					central
	KYT	0	eP	49 47.6		S	45.1					Honshu

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P - Pha. m s	Remarks
	NR	0	eP	49 50.6		eS	55.5					
	TYOK	0	eP	49 54.9								
	SMT	0	e	50 23.0						e	1 13.8	
	YNG	0	e	51 38.9								35.8 N
	KOCH	0	e	51 55.2								141.0 E
												h= 20 Km
16	UWJM	0	e	03 39 51.0								
	SMZ	0	eP	39 52.6		iS	13.0					
	KOCH	0	e	40 33.8								
	TKMT	0	e	40 46.4								
16	WKYM	0	P	11 40 08.5		S	2.6					
16	NGY	0	P	15 56 40.8		iS	6.6					
16	NGY	0	P	16 11 01.1		iS	6.4					
	KMYM	0	eP	11 06.7		eS	10.9					
17	NGY	0	eP	06 45 16.—								
17	NGY	0	P	15 42 28.3		iS	2.7					
17	NGY	0	P	15 55 52.5		iS	2.9					
17	HKN	0	eP	23 27 36.4								
18	KYT	0	e	11 51 54.9								
18	KMYM	0	e	15 50 10.—								
	NGY	0	e	50 14.—								
19	OKYM	0	P	01 17 33.9	(—) (+)	iS	37.4					
19	KMYM	0	eP	04 20 25.0		eS	30.1					
19	TRGS	0	iP	04 49 50.1		S	4.3					
	TKSM	0	iP	49 55.0		iS	3.6					
	MRTM	0	eP	49 55.2		iS	7.0					
	TKMT	0	P	49 56.0		iS	7.7					
	KOCH	0	iP	49 57.6		iS	9.0					
	SMT	0	P	49 ~	(—) (—)							
	OKYM	0	iP	50 04.2	(—) (+) (+)	iS	13.8					
	KOB	0	e	50 08.—	+2 +4	eS	17.—					
	SMSK	0	eP	50 12.8		eS	13.2					
	OSK	0	e	50 12.9								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	NR	0	e	50 15.8								
	KYT	0	eP	50 18.0		eS	22.8					
	MTYM	0	eP	50 23.3		eS	16.5					
	OWS	0	eP	50 28.9		eS	7.6					
20	NGY	0	eP	15 24 32.2		S	25.6					
	KMYM	0	eP	24 35.5		eS	28.3					
	HKN	0	..P	24 41.1		eS	29.4					
	KYT	0	eP	24 44.8		S	32.7					
20	NGY	0	eP	18 12 06.7								
21	NGY	0	eP	01 04 26.—								
22	KOCH	0	iP	08 05 37.3		iS	3.8					十勝沖 42.5 N 143.7 E h=60Km
	TKMT	0	eP	05 46.3		eS	2.3					
	OKYM	0	eP	05 47.1		S	11.6					
22	KYT	0	eP	09 37 17.3		iS	2.1					
23	WKYM	0	e	02 59 44.2								
23	SMSK	0	eP	09 03 27.3		eS	5.6					
	WKYM	0	P	03 29.8		S	6.8	10 14	— —			和歌山県 中部 W of Honshu 33.7 N 135.4 E h= 20 Km
	SMT	0	P	03 33.0		iS	9.5					
	MRTM	0	eP	03 37.7		eS	16.6					
	TKMT	0	eP	03 40.3		iS	15.8					
	NR	0	eP	03 41.7		iS	13.0					
	KMYM	0	eP	03 44.6		eS	20.6					
	KYT	0	eP	03 44.8		eS	17.6					
	HKN	0	eP	03 51.3		eS	22.4					
	OSK	0	e	03 53.0		eS	12.8					
	NGY	0	eP	04 19.7								
24	KYT	0	es	07 58 12.6								
24	HKN	0	eP	09 03 10.8								
	KYT	0	e	03 17.9								
24	NGY	0	eP	16 18 31.—								
	KYT	0	e	19 20.2								
25	SMSK	0	P	03 11 29.5		S	5.5					

Date	Station	S.I	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	WKYM	0	iP	11 31.7	−4 +2	iS	6.9	19 14	1 1			和歌山県
	OWS	0	iP	11 34.3	(+) (+)	iS	10.3					中部
	SMT	0	P	11 35.5		iS	9.2					W of
	OSK	0	eP	11 39.9		eS	13.2					Honshu
	KOB	0	eP	11 40.7		eS	13.0					
	MRTM	0	eP	11 41.7		eS	15.1					33.7 N
	NR	0	eP	11 42.1		iS	14.0					135.4 E
	KYT	0	eP	11 47.2		eS	21.1					h= 20 Km
	TKMT	0	eP	11 47.9		eS	14.4					
	KMYM	0	P	11 48.6		S	18.8					
	TKSM	0	iP	11 51.0								
	KOCH	0	eP	11 52.1		eS	17.2					
	NGY	0	eP	12 00.—		S	23.—					
	MTYM	0	e	12 29.7								
25	WKYM	0	eP	16 35 09.5		eS	0.4					
	SMT	0	i	35 15.5								
26	KYT	0	iS	11 20 14.7								
26	HRSM	III	iP	16 10 56.6	-12 +32 (—)	iS	6.1					
	MTYM	I	eP	10 59.5		eS	7.5	67 90 33				広島県
	HMD	I	eP	11 04.7		eS	10.6					南部
	KOCH	0	eP	11 05.4		eS	12.5					
	TKMT	0	eP	11 06.2		eS	14.3					W of
	UWJM	0	eP	11 07.3		eS	12.6					Honshu
	OKYM	0	iP	11 07.8	(+) (+) (+)	iS	13.2					
	MTE	0	iP	11 09.8		iS	15.4					
	YNG	0	P	11 09.9		iS	11.7					34.3 N
	MRTM	0	eP	11 16.3						e	16.4	132.8 E
	SMZ	0	eP	11 16.4		S	21.4					h= 20 Km
	HMJ	0	eP	11 16.9						e	33.7	
	TKSM	0	eP	11 17.4								
	TTR	0	eP	11 20.1						e	15.3	
	TYOK	0	eP	11 34.3		eS	28.4					

Date	Station	S.I	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	WKYM	0		11 36.3								
	KMYM	0	e	11 37.—								
	KYT	0	eP	11 43.0		eS	37.7					
	NGY	0	eP	11 45.—		eS	38.—					
	SIG	0	eP	11 46.5		e'S	28.3					
	HKN	0	eP	11 59.4		e'S	27.2					
	OSK	0	e	12 04.—								
27	HMD	0	P	15 55 57.6	—1 —2 (—)	eS	2 16.0					
	TKMT	0	eP	56 09.3						e	2 11.2	
	KYT	0	e	56 33.5								
	NGY	0	e	56 37.—								
27	MTYM	0	eP	20 17 55.0		S	16.5					
27	WKYM	0	P	20 25 09.5		iS	7.7	10 14	0 0			
	SMT	0	P	25 11.7		iS	8.6					
	SMSK	0	P	25 11.7		S	9.0					
	TKMT	0	eP	25 17.6		eS	12.9					
	TKSM	0	eP	25 18.0								
	NR	0	eP	25 18.9		eS	14.0					
	KOB	0	eS	25 28.8								
	OSK	0	e	25 30.1								
	KYT	0	iS	25 42.0								
28	NGY	0	eP	03 14 48.—		S	59.—					
28	HKN	0	eP	03 15 52.4								
28	KYT	0	e	11 41 05.5								
	KMYM	0	e	41 06.—								
	OSK	0	e	41 09.—						e	44.—	
	HKN	0	eP	41 19.5								
28	WKYM	0	iP	22 41 40.5	+5 +4	iS	7.4	33 26	1 1			
	SMSK	I	iP	41 40.6	+3 —1 (—)	iS	7.6	18 16 10	1 1 1			
	SMT	0	P	41 42.6		iS	9.3					
	TKSM	0	iP	41 44.2								
	OWS	0	iP	41 44.5	(—) (+) (—)	iS	10.3					

International Seismological Centre

Date	Station	S.L	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	NR	0	eP	41 48.5		eS	11.0					和歌山県
	HMJ	0	eP	41 48.7		S	15.1					中部
	MRTM	0	eP	41 49.4		iS	13.7					W of
	TKMT	0	eP	41 50.2		eS	12.7					Honshu
	KOCH	0	eS	41 53.6		eS	16.3					
	KMYM	0	eS	41 54.4		eS	17.1					
	OKYM	0	P	41 54.8		S	17.2					
	OSK	0	e	41 50.7		eS	12.0					33.8 N
	NGY	0	eP	42 03.—		eS	27.—					135.5 E
	KYT	0	eS	42 07.4								h= 20 Km
	HKN	0	eP	42 15.0								
	TYOK	0	e	42 19.6								
29	NGY	0	e	04 59 06.—								
29	WKYM	0	eP	12 42 36.1		eS	7.4	19 9	1 0			
	SMT	0	i	42 48.1								
30	WKYM	I	P	03 59 03.3		S	2.0					
30	YNG	0	i	13 44 50.8								

International Seismological Centre

Report of Earthquakes

(Station not equipped With Seismograph)

37年11月

Date	Station		Prefecture	S.I.	Time (J.S.T.) h	m	Character of tremor	Earth-quake sound	Duration of tremor
5	Kito	木頭	Tokushima	II	12	45	SL		VS
11	Shirahama	白浜	Wakayama	I	20	15	R		S
	Kurisugawa	栗栖川	〃	I		18	SL		S
13	Chii	知井	Kyoto	II	01	10	R		S
	Tōgo	東郷	OsaKa	II		15	R		S
	Mandokoro	政所	Shiga	III		17	R		S
	Chikubujima	竹生島	〃	III		17	SL		L
	Yuhi	油日	〃	III		17	SL		S
	Kitakomatsu	北小松	〃	III		17	VR		VS
	Hachiman	八幡	〃	III		17	VR		L
	Nakanogo	中ノ郷	〃	II		17	R		S
	Hino	日野	〃	II		17	R		S
	Yoshitsuki	吉槻	〃	II		17	R		S
	Tarao	多羅尾	〃	II		17	VR		S
	Minakuchi	水口	〃	II		17	R		L
	Oyama	尾山	Nara	II		17	R		S
	Soni	曽爾	〃	II		17	R		L
	Haibara	榛原	〃	I		17	R		VS
	Hieizan	比叡山	Kyoto	I		18	SL		S
	Kameoka	亀岡	〃	I		18	SL		S
	Shūzan	周山	〃	III		35	R	heard	S
19	Kito	木頭	Tokushima	II	04	30	R		S

International Seismological Centre

Date	Station		Prefecture	S.I.	Time (J.S.T.) h	m	Character of tremor	Earth-quake sound	Duration of tremor
23	Shirahama	白浜	Wakayama	II	09	03	R		S
	Kurisugawa	栗栖川	〃	I		05	R		S
25	Shirahama	白浜	〃	III	03	10	R		S
	Kurisugawa	栗栖川	〃	I		15	R		S
	Shirahama	白浜	〃	I	22	50	R		S
26	Ōasa	大朝	Hiroshima	III	16	10	S L		V S
	Takehara	竹原	〃	III		10	R		S
	Innoshima	因島	〃	III		10	R		S
	Shinichi	新市	〃	III		10	V R		S
	Saheki	佐伯	〃	II		10	R		S
	Hatsukaichi	廿日市	〃	III		11	R	heard	S
	Kure	呉	〃	III		11	V R		S
	Kochi	河内	〃	III		11	R		S
	Seranishi	世羅西	〃	III		11	S L	heard	S
	Shobara	庄原	〃	III		11	S L		L
	Matsunaga	松永	〃	II		11	R		S
	Toyosaka	豊栄	〃	IV		12	V R		V S
	Yoshida	吉田	〃	II		12	S L		S
	Mitsugi	御調	〃	II		12	S L		L
	Kuhi	久比	〃	I		12	S L		V S
	Miyoshi	三次	〃	III		15	R		S
27	Kurisugawa	栗栖川	Wakayama	I	20	25	R		S

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Date	Station		Prefecture	S.I.	Time (J.S.T.) h	m	Character of tremor	Eartquake Sound	Duration of tremor
28	Shirahama	白浜	Wakayama	I	22	40	S L		L
	Chikano	近野	〃	I		41	S L		V S
	Hiki	日置	〃	II		45	V R		S

Remarks

VR:very rapid(極急)　　VS:very short(極短)

R:rapid　　(急)　　S:short　　(短)

SL:slow　　(緩)　　L:long　　(長)

International Seismological Centre
JUL 05 1963

大阪管区

地震月報

昭和37年12月

THE MONTHLY REPORT OF EARTHQUAKES

December 1962

大阪管区気象台

The Osaka

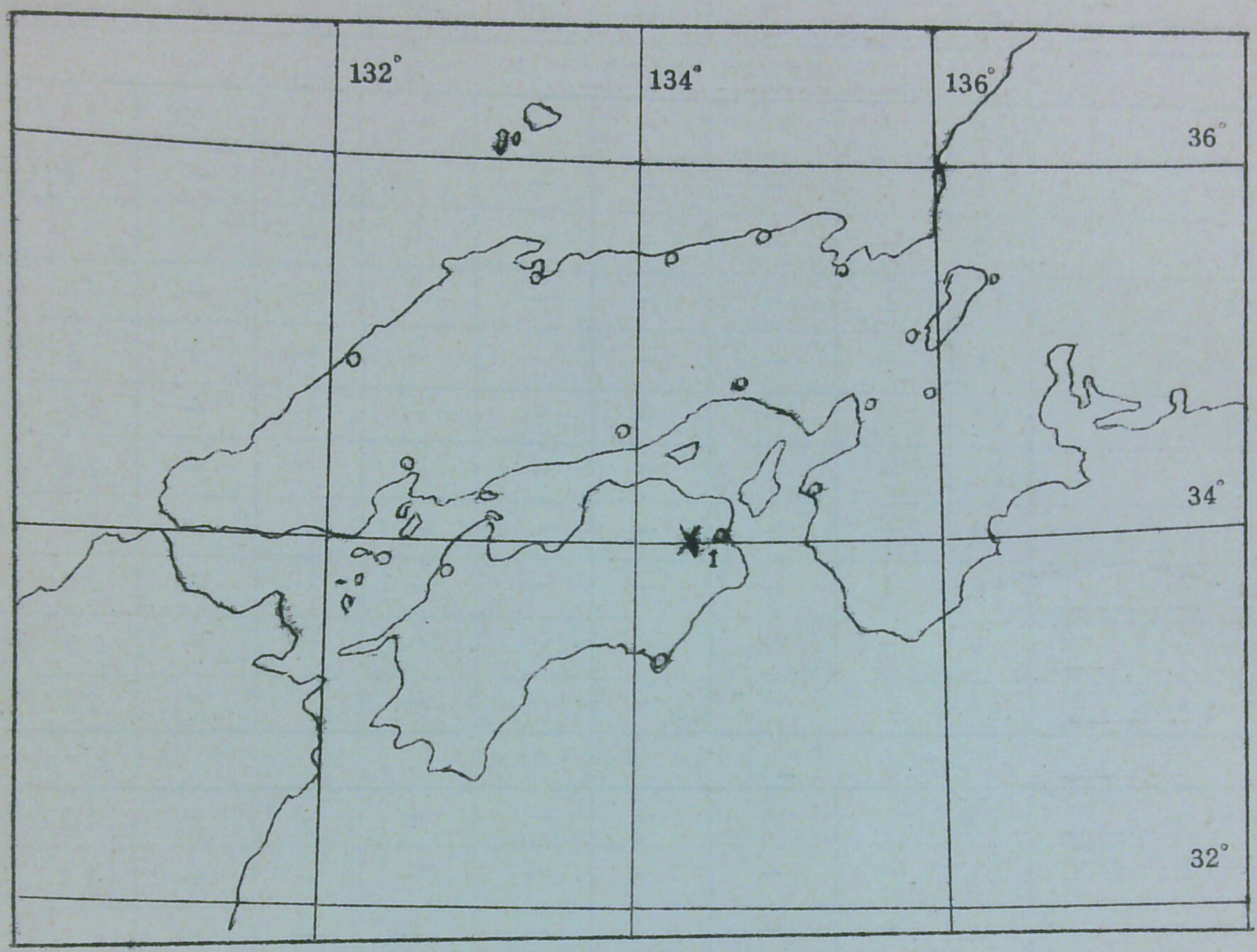
District Meteorological Observatory

Japan

International Seismological Centre

Epicenter of the major felt earthquakes,
in west of Honshu, Shikoku

Dec. 1962



Dec. 1962

No.	Date	Origin Time(J.S.T.)	Epicenter				Max S.I.
			Location	Lat.	Long.	Depth	
		h m		N	E	Km	
1	9	11 02	徳島県東部 Shikoku	34.1	134.5	10	II

International Seismological Centre

Number of earthquakes

Dec..1962

Station \ S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki district									
Hikone	30	—	—	—	—	—	—	—	30
Himeji	5	—	—	—	—	—	—	—	5
Kōbe	5	—	—	—	—	—	—	—	5
Kyōto	39	1	—	—	—	—	—	—	40
Maizuru	5	—	—	—	—	—	—	—	5
Nara	26	—	—	—	—	—	—	—	26
Ōsaka	24	—	—	—	—	—	—	—	24
Shionomisaki	12	—	—	—	—	—	—	—	12
Sumoto	19	1	—	—	—	—	—	—	20
Toyooka	9	—	—	—	—	—	—	—	9
Wakayama	22	1	—	—	—	—	—	—	23
Chugoku district									
Hamada	12	—	—	—	—	—	—	—	12
Hiroshima	11	—	—	—	—	—	—	—	11
Matsue	6	—	—	—	—	—	—	—	6
Okayama	3	—	—	—	—	—	—	—	3
Saigo	4	—	—	—	—	—	—	—	4
Tottori	6	—	—	—	—	—	—	—	6
Yonago	10	—	—	—	—	—	—	—	10
Shikoku district									
Kōchi	21	—	—	—	—	—	—	—	21
Matsuyama	18	—	—	—	—	—	—	—	18
Murotomisaki	8	—	—	—	—	—	—	—	8
Shimizu	15	—	—	—	—	—	—	—	15
Takamatsu	15	—	—	—	—	—	—	—	15
Tokushima	6	—	1	—	—	—	—	—	7
Tsurugisan	3	—	—	—	—	—	—	—	3
Uwajima	8	—	—	—	—	—	—	—	8

International Seismological Centre

Remarks

HMD : Hamada
HKN : Hikone
HMJ : Himeji
HRSM : Hiroshima
KOCH : Kōchi
KOB : Kōbe
KYT : Kyōto
MIZR : Mizuru
MTE : Matsue
MTYM : Matsuyama
MRTM : Murotomisaki
NR : Nara
OKYM : Okayama
OSK : Ōsaka
SIG : Saigo
SMZ : Shimizu
SMSK : Shiomisaki
SMT : Sumoto
TKMT : Takamatsu
TKSM : Tokushima
TTR : Tottori
TYOK : Toyooka
TRGS : Tsurugisan
UWJM : Uwajima
WKYM : Wakayama
YNG : Yonago
NGY : Nagoya
OWS : Owashi
KMYM : Kameyama

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initia Motion(μ) N E Z	Pha.	P-Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period(sec) N E Z	Pha.	P-Pha. m s	Remarks
1	WKYM	0	P	02 45 20.5		S	1.1					
1	NGY	0	eP	11 04 45.–		eS	8.–					
1	HKN	0	eP	13 28 55.5								
1	SMT	0	iP	20 52 05.7		iS	7.6					
3	TKMT	0	eP	12 00 14.6		eS	17.7					
3	HMJ	0	eP	22 43 29.9		eS	5.8					
	TKMT	0	eP	43 47.6						e	21.0	
	SMT	0	i	43 50.6								
	MTYM	0	eP	44 16.3		eS	4.5					茨城県沖
4	NGY	0	eP	15 16 33.–		eS	48.–					Off E
	KMYM	0	eP	16 45.7		eS	52.0					coast of
	HKN	0	eP	16 45.8		eS	48.9					N of
	NR	0	eP	16 48.1		eS	1 2.8					Honshu
	KYT	0	eP	16 50.4		eS	46.2					36.7 N
	OSK	0	eP	17 13.5		eS	56.7					141.5 E
	KOCH	0	e	18 43.1						e	27.4	h= 50 Km
4	MTYM	0	eP	17 20 12.8		eS	15.5					
	SMZ	0	eP	20 27.4						e	20.8	
	KOCH	0	e	20 33.0						e	21.4	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P−Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P−Pha. m s	Remarks
4	TYOK	0	e	19 38 45.—								
4	NR	0	e	23 23 03.9						e	59.0	
	KYT	0	e	23 18.5								
5	WKYM	0	P	06 02 36.0		S	3.6	10	—			
6	WKYM	0	eP	01 49 20.7		eS	4.4					
6	WKYM	0	P	04 31 27.2		S	0.4	10 10	— —			
6	NR	0	eP	17 26 11.0		eS	27.9					
	KMYM	0	eP	26 15.7		eS	23.1					
	SMSK	0	i	26 16.0								紀伊半
	KYT	0	eP	26 16.8		eS	37.4					島中部
	OSK	0	e	26 19.6						e	31.0	W of
	NGY	0	eP	26 22.—		eS	21.—					Honshu
	WKYM	0	eP	26 36.1						e	7.9	
	SMT	0	e	26 44.6								
7	KMYM	0	P	13 29 09.1		S	4.0					
7	SMSK	0	P	23 05 06.8		S	1 2.3	270110 37	4 5 5			
	OWS	0	iP	05 11.0	(+) (−) (+)	iS	1 12.0	51 88 35	4 4 5			東海道
	MRTM	0	eP	05 15.1		iS	1 15.0	210220 62	5 5 4			はるか
	NGY	0	P	05 17.8	−14 +3 (−)	iS	1 18.1	210230 61	3 3 2	ScS	12 30.1	沖
	KMYM	0	iP	05 18.1	−7 +4 (−)	S	1 5.5	220260120	3 3 2			off S
	WKYM	0	iP	05 18.1	−7 +3	iS	1 15.2	130 32	4 2			coast of
	NR	0	eP	05 18.8		iS	1 18.2	99110	2 2	ScS	12 27.0	Honshu
	OSK	0	iP	05 19.7	−16 +6 (−)	iS	1 18.9	900340160	4 5 3	ScS	12 47.4	29 N
	SMZ	0	iP	05 19.9	(+)	iS	1 17.6	150210140	5 5 4			139 E
	SMT	0	P	05 20.0	(−) (+) (−)	iS	1 18.9	220130 48	4 5 6			h=450 Km
	TKSM	0	iP	05 20.0	−4 (−)	iS	1 18.0	72 88 13	2 2 2			
	KOB	0	eP	05 20.8		eS	1 20.2					
	TRGS	0	P	05 21.2		S	1 20.8					
	KYT	0	iP	05 21.9	−13 +10 (−)	eS	1 18.9	210110 27	4 2 2	ScS	12 25.8	
	HKN	0	P	05 23.1		S	1 18.9	70	3	ScS	12 25.1	
	KOCH	0	P	05 23.2	(−) (+)	iS	1 16.7	250280	6 6	ScS	12 22.9	
	TKMT	0	iP	05 24.4	−7 +10 (−)	eS	1 18.6	110140 30	6 6 6	ScS	12 22.6	

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Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	HMJ	0	P	05 25.0		S	1 22.3					
	UWJM	0	eP	05 26.—		eS	1 22.—	88220	— 4			
	OKYM	0	iP	05 28.2	(+) (—) (—)	iS	1 28.6					
	MIZR	0	eP	05 29.5	—8 +4 (—)	eS	1 22.3					
	TYOK	0	iP	05 30.0	—31+20 (—)	iS	1 27.7	420240120	4 3 4	e	12 17.3	
	TTR	0	iP	05 34.5	—4 +2 (—)	iS	1 30.8	100	2			
	HRSM	0	P	05 35.5	—14+22 (—)	S	1 33.6	230360270	5 4 5	ScS	12 11.8	
	YNG	0	P	05 37.7	(—) (+) (—)	eS	1 27.9			ScS	12 19.4	
	MTE	0	iP	05 39.8	—20+13	iS	1 26.2	200210	5 5	ScS	12 9.4	
	MTYM	0	iP	05 40.5	—10+14 (—)	iS	1 26.5	450240	4 4			
	HMD	0	iP	05 41.7	—23+28 (—)	eS	1 27.1	240310270	6 4 5			
	SIG	0	iP	05 44.9	—20+10	iS	1 39.0					
8	NGY	0	eP	07 55 58.—		eS	49.—					
	HKN	0	eP	56 10.7		eS	1 8.9					
	KMYM	0	eP	56 14.6						e	57.4	
	KYT	0	eP	56 18.3		eS	1 8.0					
	NR	0	e	56 22.2								
	OSK	0	e	56 43.7		e	53.4			e	44.2	
8	KOCH	0	eP	21 48 05.9		eS	21.7					
9	NGY	0	eP	03 29 33.—								
	KMYM	0	e	29 47.—								
	OSK	0	e	29 54.7						e	20.9	
9	HKN	0	eP	06 46 07.6								
	NGY	0	eP	46 12.—						e	30.—	
	KMYM	0	e	46 18.—								
	NR	0	e	46 24.1								
	KYT	0	e	46 28.8						e	57.6	
	OSK	0	e	46 32.7		e	45.7			e	10 10.2	
	HMD	0	e	46 50.8								
9	NGY	0	eP	08 02 04.—								
	KMYM	0	e	02 13.—								
	HKN	0	eP	02 16.2								

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	OSK	0	e	02 17.4								
	HMD	0	e	02 34.6								
9	NGY	0	eP	08 16 09.6		S	35.7					新潟県
	HKN	0	eP	16 13.8		S	37.6					中部
	KMYM	0	eP	16 15.1		eS	38.6					Central
	KYT	0	eP	16 17.7		eS	43.3					Honshu
	NR	0	e	16 20.4								37.3 N
	OSK	0	eP	16 46.0		eS	47.9					138.8 E
												h=200Km
9	TKSM	II	iP	11 02 22.3		iS	1.4	90 92 54	0 0 0			
	TKMT	0	eP	02 24.5	−2 +2 (−)	S	5.1					
	SMT	I	P	02 28.1		iS	5.8	16 10 5	0 0 0			
	WKYM	0	P	02 29.7	−2 (−)	S	8.4	5 10	0 0			徳島県
	OKYM	0	P	02 32.1		iS	9.8					東 部
	KOB	0	eP	02 34.0		eS	11.6					Shikoku
	MRTM	0	eP	02 35.0		eS	11.9					
	KOCH	0	eP	02 38.3		S	10.3					34.1 N
	KMYM	0	e	02 43.1								134.5 E
	MTYM	0	eP	02 45.0		eS	21.0					h= 10 Km
	NR	0	e	02 49.4								
	OSK	0	e	02 50.0								
	KYT	0	eP	03 01.8		eS	16.4					
	YNG	0	eS	03 08.2								
	HKN	0	eP	03 18.8								
9	NR	0	eP	11 45 33.9		iS	9.9					
	KYT	0	iS	45 34.7								
9	SMT	0	i	12 24 53.2								
9	MTYM	0	e	18 52 32.9								
10	SMSK	0	P	01 13 15.5		S	6.2					和歌山県
	WKYM	0	P	13 19.4		eS	6.2	10 5	1 0			中 部
	OWS	0	iP	13 22.2	(−) (−) (−)	iS	9.6					W of
	SMT	0	P	13 22.9		iS	9.2					Honshu
	TKSM	0	eP	13 24.3		iS	6.8					33.7 N
	OSK	0	eP	13 26.1		iS	12.6					135.4 E
	KOB	0	eP	13 26.7		eS	13.6					h= 20 Km
	MRTM	0	eP	13 27.8		iS	15.2					
	NR	0	eP	13 27.9		iS	14.0					
	TKMT	0	eP	13 32.8		S	13.5					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	KYT	0	eP	13 32.9		eS	18.4					
	KMYM	0	eP	13 33.9		S	19.9					
	KOCH	0	eP	13 36.9		eS	16.8					
	TRGS	0	e	13 39.8								
	OKYM	0	eP	13 40.7		eS	16.8					
	TYOK	0	eP	13 42.3		eS	24.7					
	HKN	0	eP	13 42.9		eS	19.6					
	TTR	0	e	13 47.0		eS	24.4					
	NGY	0	eP	13 47.—		eS	23.—					
	MTYM	0	eP	13 49.2		eS	29.0					
	YNG	0	eS	14 21.7								
	HMD	0	eP	14 25.0		eS	16.0					
10	KOCH	0	eP	03 44 00.7						e	10.1	
10	NGY	0	eP	06 18 27.—		eS	10.—					
	HKN	0	eP	18 32.7								
	KMYM	0	eP	18 36.0						e	2 7.—	
	KYT	0	eP	18 42.5		eS	1 20.6					
	OSK	0	e	18 43.4								
10	NR	0	eP	09 13 50.4		S	5.3					
10	NGY	0	eP	12 08 22.—		eS	35.—					
	HKN	0	eP	08 50.2								
	KYT	0	eP	08 52.8		eS	46.4					
	OSK	0	e	09 32.6						e	29.4	
1J	KMYM	0	e	12 37 29.—								
11	KYT	0	eP	19 28 07.9		eS	2.5					
11	SMSK	0	eP	23 29 59.8		eS	9.5					
	SMT	0	i	30 09.1								
12	KYT	0	eP	03 12 12.3		iS	3.3					
	NR	0	e	12 19.3								
12	SMSK	0	e	09 03 41.3		S	58.6					紀伊半島
	OSK	0	eP	03 56.8		eS	43.9					沖
	SMT	0	eP	03 57.1		S	45.5					

International Seismological Centre

Date	Station	S.I.	Pha.	Time (J.S.T.). h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Ampliude Amp. (μ) N E Z	Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	NR	0	eP	03 58.6		iS	44.1					Off S coast of W Honshu $32\frac{1}{2}$—N 137 E h=300~400Km
	KYT	0	eP	04 00.2		eS	44.9					
	KMYM	0	P	04 00.3	—1 (—)	iS	44.1					
	MIZR	0	eP	04 01.1		eS	48.4					
	NGY	0	P	04 01.3	(+)	S	46.3					
	HKN	0	P	04 02.3		iS	45.9					
	KOCH	0	eP	04 03.3		S	46.7					
	TYOK	0	eP	04 04.4		S	49.3					
	TTR	0	eP	04 05.6		eS	51.7					
	MTYM	0	eP	04 05.6		eS	1 0.0					
	MTE	0	eP	04 08.7		S	57.2					
	OWS	0	eP	04 16.1						i	20.7	
	YNG	0	eP	04 19.0		eS	44.5					
	TKSM	0	e	04 45.0								
	HRSM	0	e	05 03.9								
13	WKYM	0	eP	02 22 09.0		eS	0.6	4	—			
13	NGY	0	P	02 41 08.3		S	14.8					
	KMYM	0	eP	41 16.6		eS	19.7					
	HKN	0	eP	41 25.9		eS	15.0					
	NR	0	e	41 28.4								
	KYT	0	eP	41 33.8		eS	22.3					
	OSK	0	e	41 59.2								
13	WKYM	0	P	03 18 50.2		S	0.7	5 4	— —			
13	WKYM	0	e	09 04 41.7								
13	KYT	0	eS	12 18 46.2								
13	KYT	0	eS	15 34 37.0								
13	NGY	0	eP	19 34 51.—		eS	36.—					
	KMYM	0	eP	35 07.5		eS	59.1					
	KYT	0	e	36 05.9								
	OSK	0	e	36 28.4								
13	TYOK	0	P	22 24 42.6		iS	4.3					
	MIZR	0	eP	24 45.4		iS	5.3					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	TTR	0	P	24 52.6		S	10.2					
13	WKYM	0	P	23 35 34.4		S	0.5	4	—			
14	WKYM	0	P	09 55 37.1		S	0.7	9	—			
14	SMT	0	i	10 25 10.4								
14	NGY	0	eP	12 32 43.—		eS	39.—					
	HKN	0	eP	32 52.8								
14	NGY	0	P	16 57 40.9		S	15.9					
	HKN	0	eP	57 46.4								
	KMYM	0	eP	57 49.0		eS	21.3					
	KYT	0	eP	57 56.8		eS	19.0					
	NR	0	e	58 21.6								
14	NGY	0	eP	20 28 10.—								
	HKN	0	eP	28 26.2								
14	MTYM	0	eP	21 31 05.4		eS	7.0					安芸灘
	HRSM	0	eP	31 06.3		iS	7.5					Off S
	KOCH	0	eP	31 14.1		eS	13.0					coast of
	UWJM	0	eP	31 16.5						e	2.9	W Honshu
14	NGY	0	eP	22 09 12.—								
15	WKYM	0	e	00 46 33.8								
16	MRTM	0	eP	06 17 25.1		eS	11.4					
16	UWJM	0	e	07 47 43.8								
16	NGY	0	eP	15 15 34.2		eS	16.2					
	KMYM	0	e	15 43.—		eS	22.—					
16	TKMT	0	e	16 17 39.—								
17	KYT	I	eP	10 24 03.8	(—)	eS	2.4	40 19	— —			京都付近
	MIZR	0	eP	24 06.7		eS	8.6					35.0 N
	NR	0	eP	24 08.8		eS	5.9					135.6 E
	KMYM	0	eP	24 09.8		S	14.7					h=0~10 Km
	OSK	0	e	24 16.4								
17	KOCH	0	iP	18 42 01.8	+1 +2	iS	1.4					
17	SMZ	0	e	20 06 08.6						e	4 40.3	
	KOCH	0	P	06 17.1	(+)	S	4 45.8					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	OSK	0	e	06 30.5		e	5 19.2			e	5 23.5	
	KMYM	0	P	06 34.8	—1 (+)	eS	5 0.0					
	HKN	0	P	06 37.8		eS	5 0.9					
	NGY	0	P	06 39.1	+3 +3 (+)	S	5 2.—					
	KYT	0	e	11 32.7								
18	HMD	0	eP	02 34 39.9		eS	2 54.8					
18	NGY	0	eP	11 12 21.—		eS	1 4.—					
18	HKN	0	eP	11 58 05.2		eS	2 42.5					
	NGY	0	eP	58 11.—						e	2 21.—	
	KMYM	0	e	12 00 37.—								
	TKMT	0	e	00 47.4								
	HRSM	0	e	01 07.9								
18	SMZ	0	iP	19 30 51.3		iS	9.6					
	MTYM	0	eP	31 02.0		eS	27.0					
	UWJM	0	e	31 03.5								
19	MTYM	0	eP	02 43 20.0		eS	28.0					
	KOCH	0	eP	43 20.9		eS	38.8					
	YNG	0	e	44 34.0								
19	KMYM	0	e	10 44 55.—								
20	MTYM	0	eP	12 17 20.8		eS	11.5					
	UWJM	0	e	17 30.5								
21	NR	0	e	09 52 58.2								
	KMYM	0	e	53 05.—								
	NGY	0	eP	53 08.—								
	HKN	0	eP	53 09.1		eS	7 1.2					
21	KYT	0	S	12 13 51.2								
21	OWS	0	eP	16 57 11.3						e	17 53.0	
21	OWS	0	iP	17 35 39.3	(—) (—) (—)	iS	16.2					
21	NGY	0	eP	17 50 35.—								
	OSK	0	e	50 45.7						e	6 50.1	Aleutian Is.
	KYT	0	eP	50 46.7		eS	6 33.8					
	SMSK	0	e	50 48.5						e	6 43.0	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	SMT	0	e	50 52.5								
	YNG	0	e	50 54.7								52 N
	TKMT	0	eP	50 56.7		eS	6 30.—					169 E
	KOCH	0	eP	51 05.4		eS	6 40.5			L	10 28.9	
	KMYM	0	e	51 05.—								
	HKN	0	eP	51 08.5								
	SMZ	0	e	51 08.9								
	HMD	0	eP	51 09.8		eS	6 30.8					
	HRSM	0	e	57 58.5								
21	NGY	0	eP	18 08 24.—								
	KYT	0	eP	08 41.3								
	SMSK	0	e	08 45.9								
	SMZ	0	e	09 14.6								
21	KMYM	0	e	18 17 58.—								
	NGY	0	eP	17 59.—								
	KYT	0	eP	18 01.5		eS	6 13.7					
	SMSK	0	e	18 05.1						e	7 33.0	
	KOCH	0	eP	18 20.8		eS	6 42.1					
	TKMT	0	eP	18 26.—		eS	6 17.—					
	HMD	0	eP	18 31.4		eS	6 27.4					
21	NGY	0	P	18 35 16.7	−2 −1 (+)	eS	1 39.—	97 52	3 3			
	HKN	0	iP	35 22.5	(−) (−) (+)	S	1 34.3					浦河沖
	MIZR	0	eP	35 24.8		eS	1 38.4					
	KMYM	0	P	35 25.6		eS	1 39.7					
	KYT	0	iP	35 27.2	−3 −5 (+)	S	1 33.3					
	TYOK	0	iP	35 28.8		eS	1 43.—					
	NR	0	e	35 29.6								
	WKYM	0	e	35 31.1						e	1 17.5	41.8 N
	SIG	0	P	35 33.9								142.9 E
	HMJ	0	iP	35 35.1	−4 −4	eS	1 49.2					h=40 Km
	TTR	0	e	35 35.3								
	KOB	0	e	35 35.—								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	RemarKs
	OSK	0	eP	35 37.4		eS	1 50.3	71 74	4 4			
	SMT	0	e	35 39.2						e	2 12.0	
	YNG	0	eP	35 40.8								
	SMSK	0	eP	35 42.3						e	2 18.2	
	TKMT	0	eP	35 44.5								
	TKSM	0	eP	35 44.8								
	MTE	0	eP	35 45.8		S	1 51.7					
	TRGS	0	e	35 46 6								
	KOCH	0	eP	35 49.3						e	2 45.3	
	SMZ	0	eP	35 54.6						e	2 25.3	
	MRTM	0	eP	35 56.2						e	2 56.6	
	HMD	0	eP	35 56.8		eS	2 1.0					
	HRSM	0	eP	35 58.9		eS	2 3.1					
	UWJM	0	e	36 07.4								
21	NGY	0	P	22 49 44.6		iS	4.5					
	KMYM	0	eP	49 45.4		eS	8.1					
	NR	0	eP	49 54.9		eS	12.7					
	KYT	0	S	50 09.1								
22	TKMT	0	eP	03 53 41.8								
22	NGY	0	eP	10 03 01.—								
22	KYT	0	e	11 08 35.6								
22	HMJ	0	iP	22 32 37.5	—4 (+)	iS	3.6					
	TYOK	0	eP	32 46.3		iS	3.6					兵庫県中部
	KOB	0	e	32 51.2								
	KYT	0	S	33 03.5								W of Honshu
	NR	0	e	33 08.1								
22	UWJM	0	eP	22 46 04.0		iS	0.3					
22	KMYM	0	e	23 58 35.—								
23	SMSK	0	eP	00 28 26.3						e	6 43.3	
	SMZ	0	eP	28 28.3						e	10 52.9	
	NGY	0	eP	28 28.—								
	NR	0	e	28 29.2								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	HKN	0	eP	28 35.5								
	HMD	0	e	28 39.2								
	KYT	0	eP	28 42.1						e	6 4.7	
	SMT	0	e	28 48.4						e	6 33.8	
	KOCH	0	eP	29 02.5								
	HRSM	0	eL	41 43.5								
23	NGY	0	eP	18 26 09.—								
24	NGY	0	eP	04 35 35.—								
	KYT	0	e	36 40.6								
24	NGY	0	eP	12 43 41.—								
	HKN	0	eP	44 03.7								
	KYT	0	eP	44 09.6		S	59.4					新潟県沖
24	HKN	0	eP	22 35 35.5		S	1.7					
	KYT	0	S	35 41.5								
26	WKYM	0	e	00 26 46.2								
26	NGY	0	eP	03 58 44.—		eS	45.—					茨城県沖
	HKN	0	eP	58 53.9		eS	54.3					Off E
	NR	0	e	58 57.3								coast of
	KMYM	0	eP	58 58.1		eS	57.8					N Honshu
	KYT	0	eP	59 10.0		eS	1 1.4					36.6 N
	OSK	0	e	59 12.3		e	1 1.7			e	1 30.3	141.2 E
	MKYM	0	e	04 00 24.8								h= 40 Km
26	WKYM	0	eP	19 14 37.6				15 22	1 1			
	SMT	0	eP	14 52.8		iS	3.5					
	NR	0	eP	14 57.8		eS	10.4					
	TKMT	0	eP	15 03.6		eS	15.0					
27	OWS	0	eP	07 31 07.8						e	5 20.3	
	SMT	0	e	31 25.9						e	5 7.3	
	NR	0	e	31 26.2								Off
	OSK	0	eP	31 26.8		eS	5 2.6					NE
	MRTM	0	eP	31 28.1						e	9 38.4	coast
	NGY	0	eP	31 28.—						PP	43.—	of

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp.(μ) N E Z	Max. Amplitude Period(sec) N E Z	Pha.	P—Pha. m s	Remarks
	SMSK	0	eP	31 34.0		eS	5 4.8					
	KYT	0	eP	31 36.1		eS	5 29.4					Kamchatka
	KMYM	0	eP	31 36.6		eS	5 19.8					
	TKMT	0	eP	31 37.0		eS	5 3.—					57° N
	WKYM	0	e	31 37.4								165° E
	HMD	0	eP	31 37.8		eS	5 26.1					
	HKN	0	eP	31 39.4						e	4 45.0	
	KOCH	0	eP	31 42.6		eS	5 12.3			e	7 8.5	
	MTE	0	e	31 46.5								
	SMZ	0	eP	31 58.3						e	5 5.3	
	MTYM	0	eP	32 00.0						e	3 56.0	
28	NGY	0	eP	03 20 13.4		eS	1 15.—	82 62	3 3			宮古付近 Off E coast of N of Honshu 39.7 N 142.0 E h= 50 Km
	HKN	0	iP	20 20.4	+5 +9	S	1 18.4					
	KMYM	0	eP	20 20.8		S	1 19.0					
	KYT	0	P	20 25.2		S	1 25.3					
	TYOK	0	iP	20 28.6	(—) (—) (+)					e	1 25.8	
	NR	0	e	20 28.6								
	OSK	0	eP	20 30.5		eS	1 19.6	62	4			
	TTR	0	e	20 34.1								
	SMT	0	eP	20 36.0		S	1 34.8					
	OWS	0	P	20 37.3		S	1 38.1					
	HMJ	0	e	20 37,7								
	SIG	0	eP	20 38.1		eS	1 30.3					
	MTE	0	e	20 38.3								
	WKYM	0	e	20 40.3						e	34.4	
	SMSK	0	eP	20 40.7		eS	1 44.5					
	YNG	0	P	20 44.1								
	TKMT	0	eP	20 45.1		eS	1 49.8					
	KOB	0	e	20 47.—								
	TKSM	0	eP	20 48.0								
	MRTM	0	eP	20 53.5						e	48.3	
	KOCH	0	eP	20 56.3						e	1 46.1	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
	MTYM	0	eP	20 58.9		eS	1 57.5					
	HMD	0	eP	20 59.8						e	1 39.8	
	HRSM	0	eP	21 00.3						e	1 50.0	
	SMZ	0	eP	21 12.1		eS	1 55.4					
28	SMZ	0	eP	05 03 11.9						e	56.1	
	MTYM	0	eP	03 19.3						e	33.5	
28	SMZ	0	e	07 27 39.4								
28	SMZ	0	eP	13 01 01.3						e	37.5	
	UWJM	0	eP	01 12.8		iS	26.0					日向灘
	MTYM	0	eP	01 19.8		eS	34.0					Off E
	HRSM	0	eP	01 24.9		eS	36.0					coast of
	KOGH	0	eP	01 31.3		eS	35.2					Kyushu
	MRTM	0	eP	01 35.1								
	HMD	0	eP	01 39.2		eS	33.7					31.7 N
	TKMT	0	eP	01 42.6		eS	48.8					131.9 E
	YNG	0	eP	01 48.9		eS	47.2					h= 10 Km
	NGY	0	eP	01 53.—								
	TKSM	0	eP	01 56.4		iS	50.0					
	HKN	0	eP	01 57.9								
	MTE	0	e	02 03.5								
	SIG	0	eP	02 07.3		eS	59.0					
	SMT	0	e	02 12.5						e	32.6	
	KYT	0	eP	02 15.2		eS	1 15.7					
	KMYM	0	eP	02 36.—								
	OSK	0	e	03 23.9								
28	SMZ	0	eP	13 23 49.4						e	41.0	
	MTYM	0	eP	23 58.3						e	34.0	
28	MTYM	0	eP	16 05 32.6						e	29.5	
	SMZ	0	eP	15 20.7						e	1 6.5	
	KOCH	0	e	05 42.9						e	24.5	
29	NGY	0	eP	13 17 52.—		i	1 0.—					
29	HKN	0	eP	13 24 11.2								

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	P—Pha. m s	Max. Amplitude Amp. (μ) N E Z	Max. Amplitude Period (sec) N E Z	Pha.	P—Pha. m s	Remarks
29	SMT	0	i	19 12 41.6								
30	NGY	0	eP	02 24 47.—								
31	KYT	0	S	00 55 03.7								
31	NGY	0	eP	02 56 58.2		S	23.1					神奈川県
	KMYM	0	eP	57 07.5		eS	28.9					西部
	HKN	0	eP	57 08.6		S	33.0					Central
	KYT	0	eP	57 12.7		S	41.4					Honshu
	NR	0	eP	57 14.0		eS	43.5					35.4 N
	OWS	0	P	57 18.0		iS	40.5					138.9 E
	OSK	0	eP	57 25.7		eS	44.9			e	38.2	h= 20 Km
	SMT	0	e	58 08.6								
	TYOK	0	S	58 21.9								
	MTYM	0	eP	58 52.1						e	30.5	
	KOCH	0	e	59 07.9								
31	WKYM	I	P	10 17 56.4		S	1.0	20 23 10	— — —			和歌山
	SMT	0	i	18 05.4								付近
31	WKYM	0	P	16 21 23.9		S	1.6					
31	WKYM	0	e	18 03 02.0								
31	KMYM	0	P	21 33 49.0		S	1.6					

Addition(追加)

17	HRSM	0	eP	19 31 20.0	(+) (+) (+)	eS	4 50.0					
27	HRSM	0	eZ	07 31 41.7						e	13.5	

International Seismological Centre

Report of Earthquakes

(Station not equipped with Seismograph)

37年12月

Date	Station		Prefecture	S.I.	Time (J.S.T) h m	Charoo-ter of tremor	Eartquake Sound	Duration of tremor
G	Hiwasa	日和佐	Tokushima	III	00 20	R		S
	Shirahama	白浜	Wakayama	I	05 56	R		S
	Kito	木頭	Tokushima	I	11 00	SL		VS
	Hikita	引田	Kagawa	I	00	R		VS
	Ayabe	綾部	Kyoto	I	50	R		S
10	Shirahama	白浜	Wakayama	II	01 13	VR	heard	S
	〃	〃	〃	II	15	R		S
	Hiki	日置	〃	II	20	VR		VS
	Shirahama	白浜	〃	I	01 45	R		S
	〃	〃	〃	I	07 05	R		S
	〃	〃	〃	I	17 53	R		S
12	Naruto	鳴門	Tokushima	I	11 02	R		S
13	Mineyama	峰山	Kyoto	II	22 25	VR		VS
27	Ayabe	綾部	〃	I	06 55	R		S

Remarks

VR : very rapid (極急)　　VS : very short (極短)

R : rapid (急)　　S : short (短)

SL : slow (緩)　　L : long (長)

International Seismological Centre

昭和37年(1962) 官署別地震回数

Nomber of Earthquakes

Remarks

S.I. Scale of Seismic Intensity
W. Wiecherts Seismograph
P. New Type Portable Seismograph (To=2sec)
PH. Portable Seismograph (To=3~4ser)
(Horizontal only)
S. Strong motion Seismograph
O. Omori's Seismograph

Station Hikone (W. S)

S.I. \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	—	—	1	—	—	—	—	—	—	—	—	—	1
II	—	—	—	—	—	—	—	—	—	—	1	—	1
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	1	0	1	0	0	0	0	0	0	0	1	0	3
0	18	20	26	45	41	37	42	170	96	28	22	30	575
Total	19	20	27	45	41	37	42	170	96	28	23	30	578

Himeji (P,S)

I	—	—	1	1	—	—	—	—	—	—	—	—	2
II	1	—	—	—	—	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	1	—	1	1	—	—	—	—	—	—	—	—	3
0	4	3	3	6	4	3	6	6	3	4	8	5	55
Total	5	3	4	7	4	3	6	6	3	4	8	5	58

Kobe (P,S)

I	—	—	—	—	—	—	1	1	1	1	—	—	4
II	—	—	1	—	—	—	—	—	—	—	—	—	1
III	1	—	—	1	—	—	—	—	—	—	—	—	2
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	1	—	1	1	—	—	1	1	—	1	—	—	7
0	7	5	7	13	9	11	13	25	18	5	9	5	127
Total	8	5	8	14	9	11	14	26	19	6	9	5	134

Kyoto (W.S)

Month / S.I.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	—	—	2	1	—	1	1	2	—	—	1	1	9
II	—	—	1	1	—	—	—	—	—	—	—	—	2
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	3	2	—	1	1	2	—	—	1	1	12
0	27	26	28	42	52	40	54	223	95	32	27	39	685
Total	28	26	31	44	52	41	55	225	95	32	28	40	697

Maizuru (P.S)

I	—	—	—	—	—	2	—	—	—	—	—	—	2
II	1	—	—	—	—	—	—	—	—	—	1	—	2
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	—	—	—	2	—	—	—	—	1	—	4
0	4	7	5	10	9	7	7	10	4	5	5	5	78
Total	5	7	5	10	9	9	7	10	4	5	6	5	82

Nara (P.S.)

I	—	—	—	—	—	—	1	—	1	—	—	—	2
II	—	1	1	1	—	—	—	—	—	—	1	—	4
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	1	1	1	—	—	1	—	1	—	1	—	7
0	12	12	17	29	16	26	25	65	31	13	14	26	286
Total	13	13	18	30	16	26	26	65	32	13	15	26	293

Osaka (W.S.O)

I	—	—	1	—	—	—	—	—	—	—	—	—	1
II	—	1	—	1	—	—	—	—	—	—	—	—	2
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	1	1	1	—	—	—	—	—	—	—	—	4
0	8	18	16	39	28	31	27	65	38	22	21	24	337
Total	9	19	17	40	28	31	27	65	38	22	21	24	341

International Seismological Centre

Shionnomisaki (W.S)

Manth / S.I.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	—	—	1	—	—	—	—	—	1	—	1	—	3
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	1	—	1	—	—	—	—	—	1	—	1	—	4
0	13	15	14	24	12	11	19	39	31	10	12	12	212
Total	14	15	15	24	12	11	19	39	32	10	13	12	216

Sumoto (W.S)

I	—	—	—	—	—	—	2	—	2	1	1	1	7
II	—	—	—	1	—	—	—	1	—	—	—	—	2
III	—	—	1	—	—	—	—	—	—	—	—	—	1
IV	1	—	—	—	—	—	—	—	—	—	—	—	1
:													
Total (felt)	1	—	1	1	—	—	2	1	2	1	1	1	11
0	24	33	19	41	26	30	36	44	37	22	23	19	354
Total	25	33	20	42	26	30	38	45	39	23	24	20	365

Toyooka (W.S)

I	—	—	—	—	—	—	1	—	—	—	—	—	1
II	1	—	—	—	—	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	1	—	—	—	—	—	1	—	—	—	—	—	2
0	7	9	14	10※	＊	9※	13	36	23	9	11	9	150
Total	8	9	14	10	＊	9	14	36	23	9	11	9	152

Wakayama (W.S)

I	6	6	8	4	2	2	9	2	5	11	7	1	63
II	1	2	—	1	—	1	1	—	2	1	1	—	10
III	—	—	1	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
:													
Total (felt)	7	8	9	5	2	3	10	2	7	12	8	1	74
0	24	20	9	30	17	15	22	25	50	20	20	22	274
Total	31	28	18	35	19	18	32	27	57	32	28	23	348

International Seismological Centre

Hamada (W.S)

Month / S.I.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I				—	—	—	—	—	—	—	1	—	1
II				—	—	—	—	—	1	—	—	—	1
III				—	—	—	—	—	—	—	—	—	—
IV				—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)				—	—	—	—	—	1	—	1	—	2
0				11	12	6	12	36	23	9	8	12	129
Total	*	*	*	11	12	6	12	36	24	9	9	12	131

Hiroshima (W.S)

I	1	—	—	1	—	—	—	—	—	—	—	—	2
II	—	—	—	—	—	—	—	—	1	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	1	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	—	1	—	—	—	—	1	—	1	—	4
0	7	15	11	12	14	10	15	24	7	8	7	11	141
Total	8	15	11	13	14	10	15	24	8	8	8	11	145

Matsue (PH , S)

I	1	—	—	—	—	—	—	—	—	—	—	—	1
II	—	—	—	—	—	—	1	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	—	—	—	—	1	—	—	—	—	—	2
0	2	7	7	14	13	8	14	23	14	6	6	6	120
Total	3	7	7	14	13	8	15	23	14	6	6	6	122

Okayama (P, S)

I	—	—	1	1	—	—	1	1	—	—	—	—	4
II	—	—	—	1	—	—	—	—	—	—	—	—	1
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	1	2	—	—	1	1	—	—	—	—	6
0	6	9	4	7	4	8	16	7	9	8	7	3	88
Total	7	9	5	9	4	8	17	8	9	8	7	3	94

International Seismological Centre

Soigo (P_H . S)

Month / S.I.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	—	—	—	—	—	—	—	—	—	—	—	—	—
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	—	—	—	—	—	—	—	—	—	—	—	—	—
0	2	4	2	10	8	5	12	14	6	4	6	4	77
Total	2	4	2	10	8	5	12	14	6	4	6	4	77

Tottori (P, S)

I	2	—	—	1	—	—	—	—	—	1	—	—	4
II	—	—	—	—	—	1	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	2	—	—	1	—	1	—	—	—	1	—	—	5
0	10	16	10	18	14	14	15	15	8	8	7	6	141
Total	12	16	10	19	14	15	15	15	8	9	7	6	146

Yonago (P, S)

I	—	—	—	—	—	—	—	—	—	—	—	—	—
II	—	—	—	—	—	—	1	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	—	—	—	—	—	—	1	—	—	—	—	—	1
0	5	5	6	10	8	6	11	11	6	7	8	10	93
Total	5	5	6	10	8	6	12	11	6	7	8	10	94

Kōchi (W.S)

I	—	—	—	—	—	1	1	—	2	—	—	—	4
II	—	—	—	1	—	—	—	—	—	—	—	—	1
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮							—						
Total (felt)	1	—	—	1	—	1	1	—	2	2	—	—	6
0	11	15	15	20	24	17	28	37	28	15	23	21	254
Total	12	15	15	21	24	18	29	37	30	15	23	21	260

Matsuyama (W.S)

S.I. \ Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	2	1	—	1	—	1	1	—	1	—	1	—	8
II	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Totel (felt)	2	1	—	1	—	1	1	—	1	—	1	—	8
0	15	24	24	30	21	15	23	27	20	14	15	18	246
Total	17	25	24	31	21	16	24	27	21	14	16	18	254

Murotomisaki (W.S)

I	—	—	—	—	—	—	—	—	—	—	—	—	—
II	—	—	—	—	—	—	1	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	1	—	—	—	—	—	—	—	—	—	—	—	1
⋮													
Total (felt)	1	—	—	—	—	—	1	—	—	—	—	—	2
0	10	11	14	23	10	11	13	19	18	7	14	8	158
Total	11	11	14	23	10	11	14	19	18	7	14	8	160

Shimizu (W.S)

I	—	—	—	1	—	—	1	1	—	—	—	—	3
II	1	—	—	—	—	—	1	—	—	—	—	—	2
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	—	1	—	—	2	1	—	—	—	—	5
0	9	13	11	14	23	13	19	14	13	8	15	15	167
Total	10	13	11	15	23	13	21	15	13	8	15	15	172

Takamatsu (W.S)

I	—	—	1	1	—	—	1	—	1	1	—	—	5
II	—	—	—	1	—	—	—	1	—	—	—	—	2
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	1	2	—	—	1	1	1	1	—	—	8
0	19	24	19	25	25	19	31	64	50	13	23	15	327
Total	20	24	20	27	25	19	32	65	51	14	23	15	335

International Seismological Centre

Tokushima (P.W)

Month / S.I.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
I	—	—	—	1	—	1	2	—	2	1	—	—	7
II	—	—	1	1	—	—	—	1	1	—	—	1	5
III	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	1	—	—	—	—	—	—	—	—	—	—	—	1
⋮													
Total (felt)	1	—	1	2	1	1	2	1	3	1	—	1	13
0	3	9	6	12	9	5	10	31	18	5	12	6	126
Total	4	9	7	14	10	6	12	32	21	6	12	7	139

Tsurugisan (PH.S)

I	—	—	1	—	—	—	—	—	2	—	—	—	3
II	—	—	—	1	—	—	—	—	—	—	—	—	1
III	1	—	—	—	—	—	—	—	—	—	—	—	1
IV	—	—	—	—	—	—	—	—	—	—	—	—	—
⋮													
Total (felt)	1	—	1	1	—	—	—	—	2	—	—	—	5
0	1	—	1	5	2	2	6	6	1	3	5	3	35
Total	2	—	2	6	2	2	6	6	3	3	5	3	40

Uwajima (PH.S)

I	1	—	—	—	—	—	1	1	1	—	—	—	4
II	—	1	—	—	—	—	1	—	1	—	—	—	3
III	—	—	—	1	—	—	—	—	—	—	—	—	1
IV													
⋮													
Total (felt)	1	1		1		—	2	1	2	—	—	—	8
0	＊	＊	＊	＊	＊	3	8	5	2	7	5	8	38
Total						3	10	6	4	7	5	8	46

＊　地震計室工事のため観測中止

※　〃　　一部欠測