



大阪管区
地震月報

昭和40年 $\frac{1}{2}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

January 1965
February

大阪管区气象台

The Osaka

District Meteorological Observatory

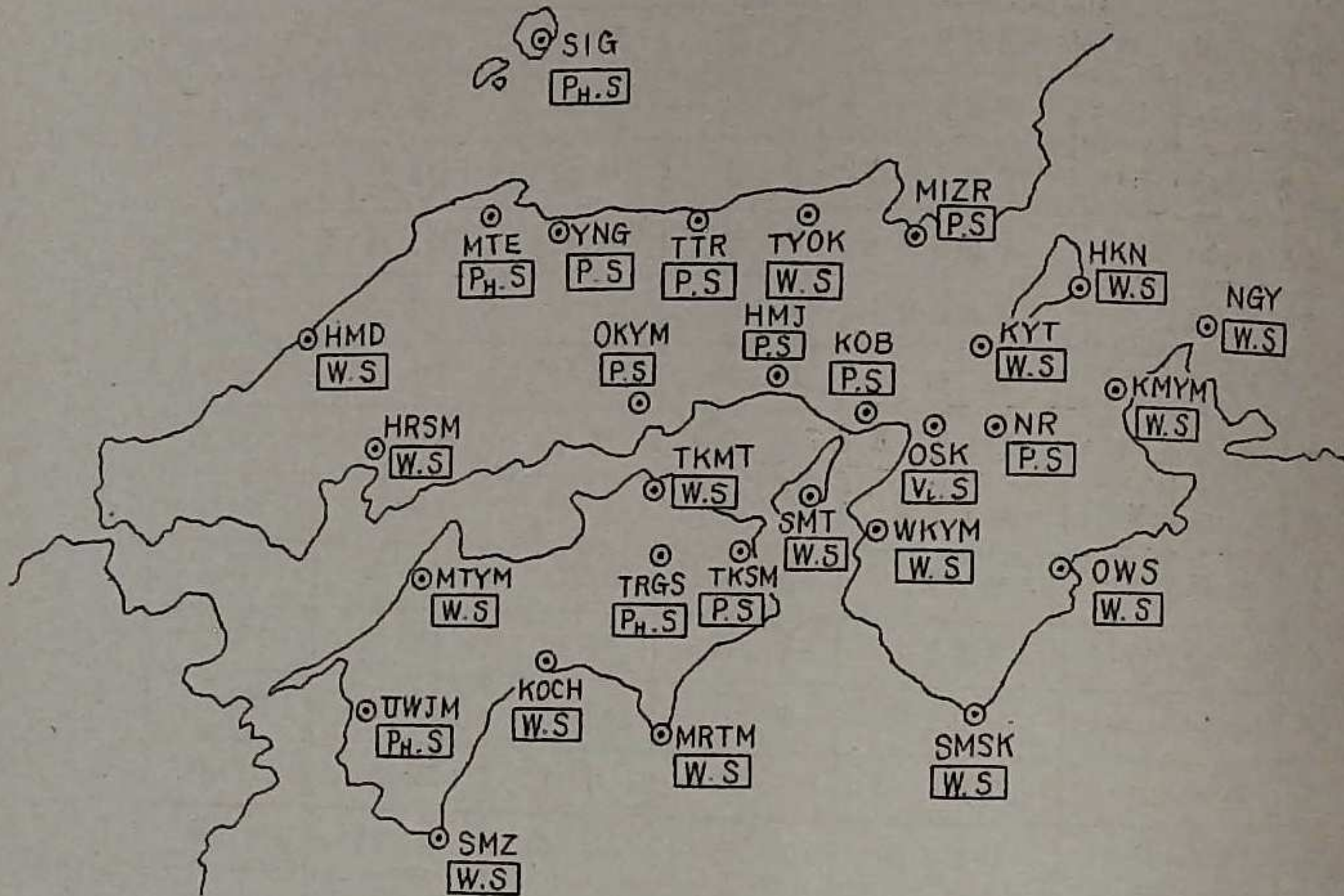
Japan

観測所一覧表(1) , List of Station (1)



Station	Abbreviation	Seismo-graph	Lat. (N)	Long. (E)	Height (m)	
浜田	Hamada	HDM	W, S	34°54'	132°04'	18.8
彦根	Hikone	HKN	W, S	35 16	136 15	88.8
姫路	Himeji	HMJ	P, S	34 50	134 42	17.6
広島	Hiroshima	HRSM	W, S	34 22	132 26	29.7
高知	Kōchi	KOCH	W, S	33 34	133 33	40.4
神戸	Kobe	KOB	P, S	34 41	135 11	58.8
京都	Kyoto	KYT	W, S	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	P, S	35 28	135 23	31.2
松江	Matsue	MTE	PH, S	35 27	133 04	18.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	W, S	33 15	134 11	185.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	P, S	34 41	133 55	3.8
大阪	Osaka	OSK	Vi, S	34 39	135 32	5.1
西郷	Saigo	SIG	PH, S	36 12	133 20	27.7
清水	Shimizu	SMZ	W, S	32 43	133 01	30.2
湖岬	Shionomisaki	SMSK	W, S	33 27	135 46	74.3
洲本	Sumoto	SMT	W, S	34 20	134 54	109.6
高松	Takamatsu	TKMT	W, S	34 19	134 03	9.6
徳島	Tokushima	TKSM	P, S	34 04	134 35	1.8
鳥取	Tottori	TTR	P, S	35 31	134 11	17.7
豊岡	Toyooka	TYOK	W, S	35 32	135 50	4.2
剣山	Tsurugisan	TRGS	PH, S	34 03	134 10	56.1
宇和島	Uwajima	UWJM	PH, S	33 14	132 33	43.4
和歌山	Wakayama	WKYM	W, S	34 14	135 10	14.3
米子	Yonago	YNG	P, S	35 26	133 21	7.1
亀山	Kameyama	KMYM	W, S	34 51	136 28	69.2
名古屋	Nagoya	NGY	W, S	35 10	136 58	55.7
尾鷲	Owashi	OWS	W, S	34 04	136 12	16.1

“Station Map” 1



Notation

- P : New-type portable seismograph ($T_0 \doteq 2^{sec}, V \doteq 60$)
- PH: Portable seismograph, horizontal only ($T_0 = 3 \sim 4, V \doteq 50$)
- S : Strong motion seismograph ($T_0 = 5 \sim 6, V = 1$)
- Vi: Electromagnetic seismograph with visible recorder ($T_0 = 5, V = 100$)
- W : Wiechert seismograph ($T_0 \doteq 5, V \doteq 80$)

観測所一覧表(2)

List of Stations (2)

* Weather Station equipped with Seismographs

Index Number	Station Name		Index Number	Station Name	
滋賀県 Shiga Pref. (61)			62 008	瑞穂	Mizuho
61 101	* 彦根	Hikone	009	綾部	Ayabe
103	木ノ本	Kinomoto	010	知井	Chii
105	竹生島	Chikubushima	011	河守	Komori
106	今津	Imazu	013	宮津	Miyazu
107	大津	Otsu	014	峰山	Mineyama
108	多羅尾	Tarao	015	伊根	Ine
109	水口	Minakuchi	020	福知山	Fukuchiyama
110	八幡	Hachiman	021	中上林	Nakakanbayashi
111	政所	Mandokoro	022	大河原	Ogawara
112	中之郷	Nakanogo	023	黒田	Kuroda
202	吉槻	Yoshitsuki	901	亀岡	Kameoka
203	市場	Ichiba	902	経ヶ岬	Kyogasaki
204	北小松	Kitakomatsu	903	雲ヶ畑	Kumogahata
205	堅田	Katada			
206	土山	Tsuchiya	大阪府 Ōsaka Pref. (63)		
503	日野	Hino	63 001	* 大阪	Ōsaka
901	油日	Aburahi	002	上之郷	Kaminogo
902	安曇川	Adogawa	003	岸和田	Kishiwada
903	愛知川	Echigawa	004	鳳	Otori
904	伊吹山	Ibukisan	005	池田	Ikeda
			006	東郷	Togo
京都府 Kyōto Pref. (62)			007	天王	Tenno
62 003	* 京都	Kyoto	008	富田林	Tondabayashi
012	* 舞鶴	Maizuru			
001	木津	Kizu	兵庫県 Hyogo Pref. (64)		
002	宇治田原	Ujidawara	64 001	* 神戸	Kobe
004	比叡山	Hieiizan	021	* 洲本	Sumoto
006	園部	Sonobe	031	* 豊岡	Toyooka
007	周山	Shuzan	035	* 姫路	Himeji

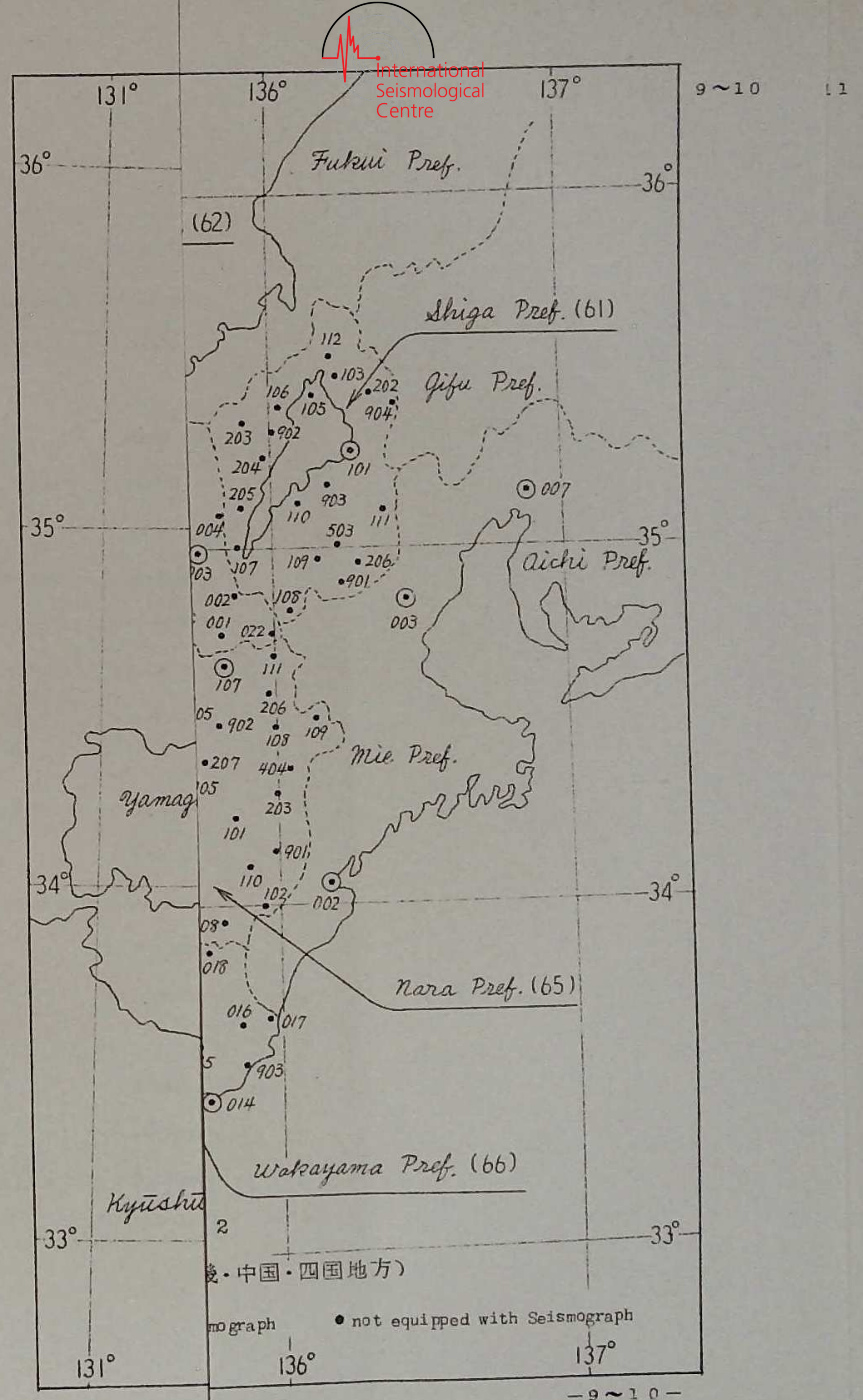
Index Number	Station Name		Index Number	Station Name	
64 002	明石	Akashi	奈良県 Nara Pref. (65)		
003	西ノ宮	Nishinomiya	65 107	* 奈良	Nara
004	六甲山	Rokkosan	101	洞川	Dorogawa
005	三木	Miki	102	寺垣内	Teragaito
006	高砂	Takasago	105	五条	Gojyō
007	冢島	Iejima	108	榛原	Haibara
008	竜野	Tatsuno	109	曾爾	Soni
009	上郡	Kamigori	110	前鬼	Zenki
010	山崎	Yamazaki	111	尾山	Oyama
011	一の宮	Ichinomiya	202	荒神岳	Kōjindake
012	田原	Tahara	203	川上	Kawakami
013	西脇	Nishiwaki	205	王寺	Ōji
014	中町	Nakacho	206	南之庄	Minaminosho
016	柏原	Kaibara	207	大淀	Ōyodo
017	篠山	Sasayama	208	十津川	Totsugawa
018	佐治	Saji	404	高見	Takami
019	灘	Nada	901	河合	Kawai
020	市	Ichi	902	八木	Yagi
022	都志	Tsushi			
023	志筑	Shizuki	和歌山県 Wakayama Pref. (66)		
024	富島	Tojima	66 001	* 和歌山	Wakayama
025	岩屋	Iwaya	014	* 潮岬	Shionomisaki
027	和田山	Wadayama	002	岩出	Iwade
028	西谷	Nishitani	003	高野山	Koyasan
029	村岡	Murōka	004	東野上	Higashinogami
030	出石	Izushi	005	八幡	Yahata
032	香住	Kasumi	007	川上	Kawakami
033	浜坂	Hamasaka	008	竜神	Ryujin
034	城崎	Kinosaki	009	清川	Kiyokawa
036	八鹿	Yoka	011	栗栖川	Kurisugawa
051	末野	Sueno	012	日置	Hiki
080	生野南	Ikunominami	013	市鹿野	Ichikano
			015	七川	Shichikawa

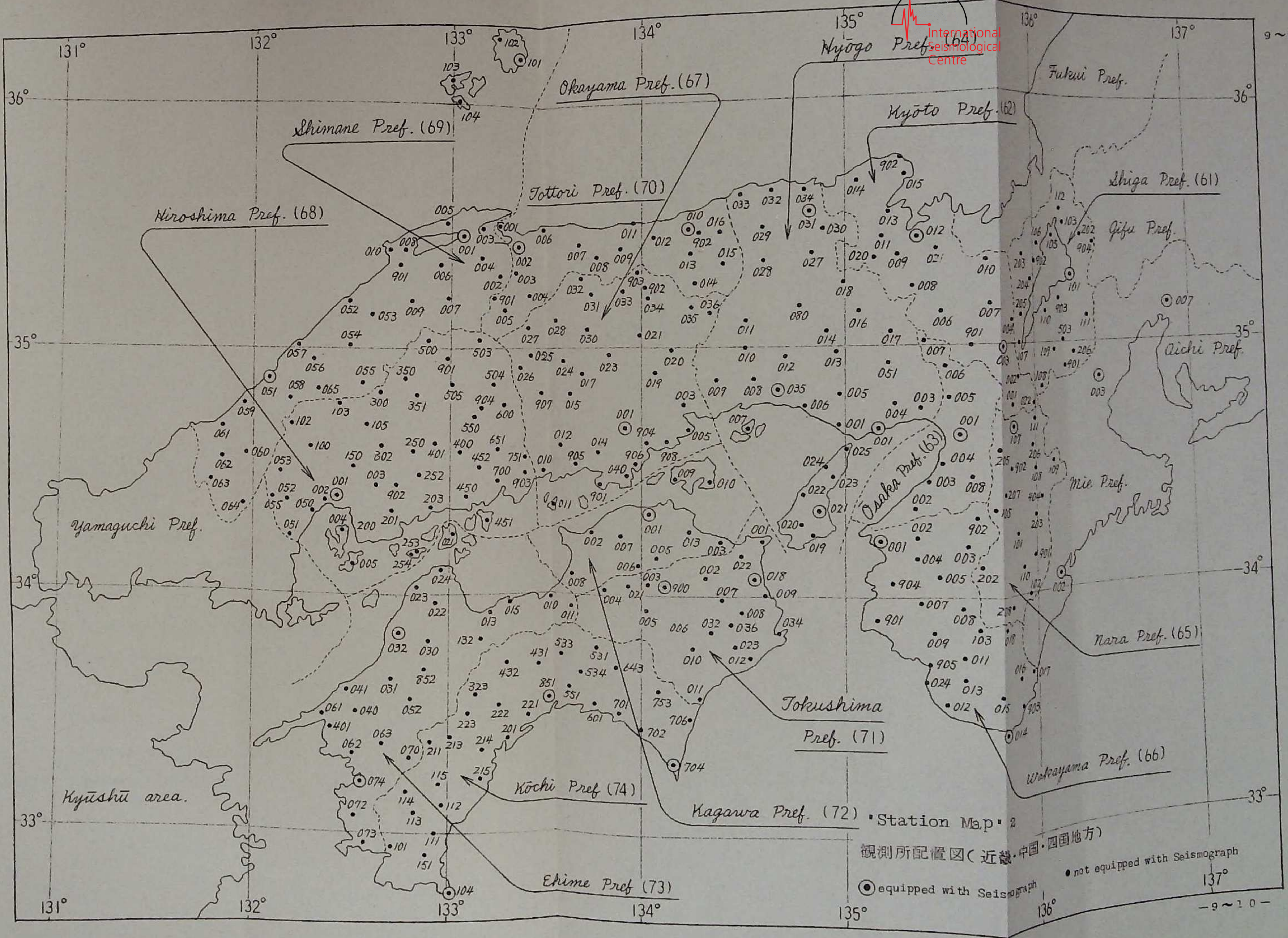
Index Number	Station Name		Index Number	Station Name	
6 016	色川	Irokawa	67 032	上長田	Kaminagata
017	新宮	Shingū	033	奥津	Okutsu
018	三里	Misato	034	小中原	Konakabara
019	近野	Chikano	034	行方	Gyōhō
024	白浜	Shirahama	036	古町	Furumachi
901	御坊	Gobō	040	玉野	Tamano
902	応其	Ōgo	901	味野	Ajino
903	下里	Shimosato	902	倉見川	Kuramigawa
904	田殿	Tadono	903	恩原	Onbara
905	田辺	Tanabe	904	西大寺	Saidaiji
			905	玉島	Tamashima
	岡山県 Okayama Pref. (67)		906	東ノ崎	Higashinozaki
67 001	* 岡山	Okayama	907	宇治	Uji
003	和気	Wake	908	牛窓	Ushimado
005	長島	Nagashima	広島県 Hiroshima Pref. (68)		
010	笠岡	Kasaoka	68 001	* 広島	Hiroshima
011	北木島	Kitakijima	002	草津	Kusatsu
012	矢掛	Yakage	003	瀬野	Senō
014	倉敷	Kurashiki	004	江田島	Etajima
015	高梁	Takahashi	005	倉橋	Kurahashi
017	豊野	Toyono	050	廿日市	Hatsukaichi
018	福渡	Fukuwatari	051	大竹	Ōtake
019	周匝	Susai	052	佐伯	Saeki
020	林野	Hayashino	053	吉和	Yoshiwa
021	津山	Tsuyama	055	栗栖川	Kurisugawa
023	併和	Haga	100	加計	Kake
024	下皆部	Shimoazae	102	八幡	Yawata
025	新見	Niimi	103	大朝	Ōasa
026	矢神	Yagami	105	千代田	Chiyoda
027	千屋	Chiya	150	可部	Kabe
028	山奥	Yamaoku	200	呉	Kure
030	久世	Kuse	201	黒瀬	Kurose
031	湯本	Yumoto			

Index Number	Station Name		Index Number	Station Name	
68 203	竹原	Takehara	69 003	八束	Yatsuka
250	豊栄	Toyosaka	004	広瀬	Hirose
252	河内	Kochi	005	恵曇	Etomo
253	豊	Yutaka	006	大東	Daitō
254	久比	Kubi	007	三成	Minari
300	美土里	Midori	008	平田	Hirata
302	井原	Ihara	009	掛合	Takeya
350	布野	Funo	010	大社	Taisha
351	三次	Miyoshi	011	窪田	Kubota
400	甲山	Kozan	052	大田	Ōda
401	世羅西	Seranishi	053	志学	Shigaku
450	三原	Mihara	054	川本	Kawamoto
451	因島	Innoshima	055	出羽	Izuwa
452	御調	Mitsugi	056	市山	Ichiyama
500	高野	Takano	057	江津	Gōtsu
503	八鋒	Yahoko	058	波佐	Haza
504	帝釈	Taishaku	059	三隅	Misumi
505	庄原	Shobara	060	匹見	Hikimi
550	上下	Jōge	061	益田	Masuda
600	油木	Yugi	062	日原	Nichihara
651	府中	Fuchū	063	津和野	Tsuwano
700	松永	Matsunaga	064	六日市	Muikaichi
751	神辺	Kannabe	065	都川	Tsugawa
901	比和	Hiwa	102	五箇	Goka
902	西条	Saijō	103	浦郷	Urago
903	福山	Fukuyama	104	知夫	Chibu
904	小塚	Ozuka	901	塩谷	Enya
島根県 Shimane Pref. (69)			鳥取県 Tottori Pref. (70)		
69 001	* 松江	Matsue	70 010	* 鳥取	Tottori
051	* 浜田	Hamada	001	境	Sakai
101	西郷	Saigō	002	* 米子	Yonago
002	赤屋	Akaya	003	法勝寺	Hōshōji

Index Number	Station Name		Index Number	Station Name	
70 004	根雨	Neu	71 032	坂州	Sakasu
005	日野上	Hinokami	034	梅泊	Tsubakidomari
006	名和	Nawa	036	福原旭	Fukuharaasahi
007	東伯	Tōhaku	香川県 Kagawa Pref. (72)		
008	関金	Sekigane			
009	三朝	Misasa	72 001	* 高松	Takamatsu
011	青谷	Aoya	002	多度津	Tadotsu
012	鹿野	Shikano	003	引田	Hikita
013	国英	Kunifusa	005	塩江	Shionoe
014	智頭	Chizu	006	美合	Miyai
015	若桜	Wakasa	007	滝宮	Takinomiya
016	大成	Taisei	008	豊浜	Toyohama
901	阿昆緑	Abire	009	土庄	Tonoshō
902	吉成	Yoshinari	010	大角鼻	Osumihana
			013	長尾	Nagao
徳島県 Tokushima Pref. (71)					
71 018	* 徳島	Tokushima	愛媛県 Ehime Pref. (73)		
900	* 剣山	Tsurugisan	73 032	* 松山	Matsuyama
001	鳴門	Naruto	074	* 宇和島	Uwajima
002	市場	Ichiba	010	三島	Mishima
003	岩倉	Iwakura	011	新立	Shinritsu
004	池田	Ikeda	013	西条	Saijō
005	一字	Ichiu	015	新居浜	Niihama
006	川井	Kawai	021	瀬戸崎	Setozaki
007	鬼竜野	Orono	022	鈍川	Nibukawa
008	横瀬	Yokose	023	菊間	Kikuma
009	小松島	Komatsushima	024	波止浜	Hashihama
010	木頭	Kitō	030	川上	Kawakami
011	穴喰	Shishikui	031	中山	Nakayama
012	日和佐	Hiwasa	040	大洲	Ōzu
021	芝生	Shibō	041	長浜	Nagahama
022	板東	Bandō	051	美川	Mikawa
023	日野谷	Hinotani	052	小田町	Odamachi

Index Number	Station Name		Index Number	Station Name	
73 061	伊 方	Ikata	74 214	大野見	Onomi
062	宇和町	Uwamachi	215	窪 川	Kubokawa
063	野 村	Nomura	221	高 岡	Takaoka
070	下鍵山	Shimokagiyama	222	越 知	Ochi
071	松 野	Matsuno	223	長 者	Chōja
072	岩 松	Iwamatsu	333	池 川	Ikegawa
073	御 莊	Mishō	431	地蔵寺	Jizōji
152	大保木	Ofuki	433	本 川	Hongawa
401	八幡浜	Yahatahama	534	東豊永	Higashitoyonaga
852	久万入野	Kumairino	531	本 山	Motoyama
			531	天 坪	Amatsubo
高知県 Kochi Pref. (74)			553	大 篠	Oshino
74 851	* 高 知	Kochi	601	夜 須	Yasu
104	* 清 水	Shimizu	642	槇 山	Makiyama
704	* 室戸岬	Murotomisaki	701	安 芸	Aki
101	宿 毛	Sukumo	702	田 野	Tano
111	中 村	Nakamura	706	野 根	None
112	富 山	Tomiyama	753	魚梁瀬	Yanaze
113	津 大	Tsudai			
114	江川崎	Egawasaki	愛知県 Aichi Pref. (51)		
115	大 正	Taishō	51 007	* 名古屋	Nagoya
151	三 原	Mihara			
201	須 崎	Suzaki	三重県 Mie Pref. (53)		
211	梅 原	Yusuhara	53 002	* 尾 鷲	Owasi
213	東津野	Higashitsuno	003	* 龜 山	Kameyama





International
Seismological
Centre

Station Map 2
観測所配置図(近畿・中国・四国地方)

● equipped with Seismograph
● not equipped with Seismograph

Remarks (補 註)

S. I.	: Scale of Seismic Intensity	気象庁震度階級
() in S. I.	: Felt shock in 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	: E-W component	東西動成分
N	: N-S component	南北動成分
Z	: vertical component	上下動成分
Time	: Time of occurrence at station	観測所の発震時
+ (-) (in Initial Motion)	: Displacement to the North (South), to the East (West) and Upward (Downward)	初動方向の北 (南) 東 (西) 及び 上 (下)
μ	: micron	マイクロン
P~S	: Duration of preliminary tremor	初期微動継続時間
Remarks	: Epicenter and others	記事, 震央その他

1) 観測の限界

基準となる地震計のいずれかの成分が記録上全振幅 1 mm 以上のものと、有感地震を対象とする。

2) 観測の限界を決める地震計

直視式電磁地震計, ウィーヘルト式地震計及び普通地震計。

3) 最大振幅とその周期

5~6秒周期の地震計により記録最大全振幅の $\frac{1}{2}$ を倍率で除して求める。

Notice

Data contained in this report are taken from the record of Electromagnetic seismograph, Wiechert seismograph and Portable seismograph, double amplitude of which exceeds 1 mm.

This procedure will be quoted hereafter.

Number of earthquakes

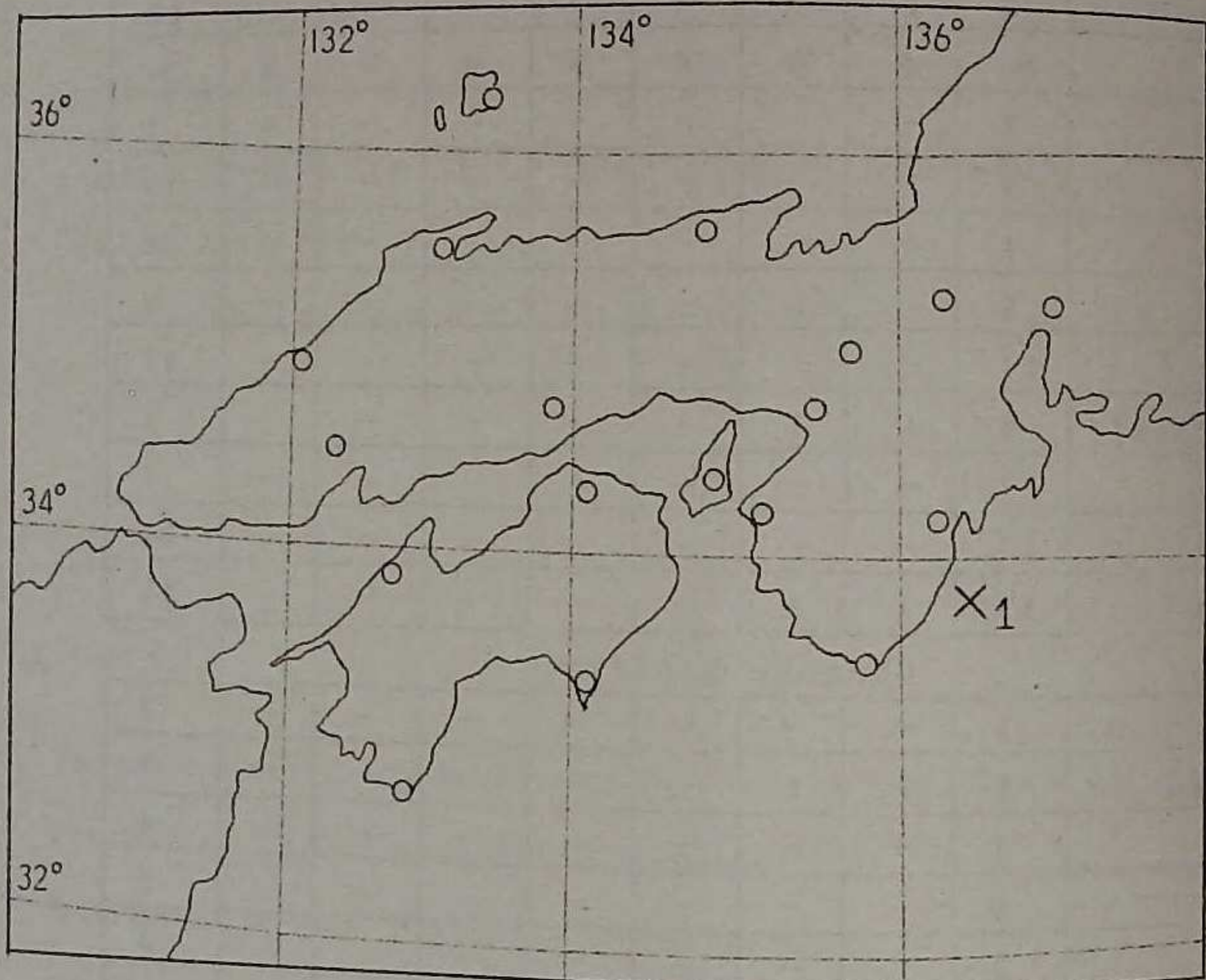
Jan. 1965

Station	S. I.	0	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		15	1	-	-	-	-	-	-	16
Himeji		*	*	*	*	*	*	*	*	*
Kōbe		7	-	-	-	-	-	-	-	7
Kyōto		9	1	-	-	-	-	-	-	10
Maizuru		1	-	-	-	-	-	-	-	1
Nara		8	-	1	-	-	-	-	-	9
Ōsaka		11	-	-	-	-	-	-	-	11
Shionomisaki		6	1	1	-	-	-	-	-	8
Sumoto		7	-	-	-	-	-	-	-	7
Toyooka		14	-	-	-	-	-	-	-	14
Wakayama		18	3	2	-	-	-	-	-	23
Chūgoku District										
Hamada		3	-	-	-	-	-	-	-	3
Hiroshima		5	1	1	-	-	-	-	-	7
Matsue		4	-	-	-	-	-	-	-	4
Okayama		5	-	-	-	-	-	-	-	5
Saigō		2	-	-	-	-	-	-	-	2
Tottori		3	-	-	-	-	-	-	-	3
Yonago		2	-	-	-	-	-	-	-	2
Shikoku District										
Kōchi		8	-	-	-	-	-	-	-	8
Matsuyama		9	1	-	-	-	-	-	-	10
Murotomisaki		11	-	-	-	-	-	-	-	11
Shimizu		7	-	-	-	-	-	-	-	7
Takamatsu		9	-	-	-	-	-	-	-	9
Tokushima		6	1	-	-	-	-	-	-	7
Tsurugisan		4	-	-	-	-	-	-	-	4
Uwajima		3	2	-	-	-	-	-	-	5

* no observation

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku.

Jan. 1965



No	Date	Origin Time (J.S.T.)	Epicenter			max S. I.	
			Location	Lat.	Long.		Depth
1	21	11 ^h 41 ^m	熊野灘 Off coast of Mie Pref.	°N 33.7	°E 136.3	Km 30	III



Date	Station	S. I.	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	Max. Amplitude						P-Pha	Remarks		
							P-Pha		Amp (μ)		Period(sec)				Pha	
							m	s	N	E	Z	N			E	Z
1	WKYM	0	eP	01 28 40.2		eS	0.7	3	4							
1	NGY	2	iP	13 14 47.3	-3 (-) +B	iS	3.5	75	140	45	0	0	0		愛知県 北西部 NW part of Aichi Pref.	
	HKN	0	P	14 53.0		iS	6.7	76	63	23	1	1	1			
	KMYM	0	iP	14 56.5	-3 +3 +7	iS	8.7	16	18	17						
	KYT	0	iP	15 01.2		iS	12.0	26	45	13						
	NR	0	eP	15 02.4		S	14.2									
	TYOK	0	iP	15 13.7		(+) eS	22.9	10	11	10	1	1	1			
	KOB	0	eX	15 34.2												
1	MRTM	0	eX	14 12 31.5												
1	MRTM	0	eP	17 57 04.1		eS	8	11.8	11							
1	MRTM	0	eX	21 16 46.4												
2	HKN	0	eP	04 45 42.1		iS	3.8	10	24	6	1	1	1			
2	SMSK	0	eP	22 48 09.9		eS	3	00.2	6							
	KMYM	0	eP	48 21.5		iS	3	05.9	13	8	4	4	3	4		
	KOCH	0	eP	48 21.7		eS	3	18.9	5	12						
	NGY	0	eP	48 22.6		S	3	07.9	26	21	5	3	3	2		
	HKN	0	eP	48 23.4		eS	3	16.9	10	11	4	2	3	2		
	OSK	0	X	48 24.4												
	TKMT	0	eP	48 26.1		iS	3	20.7	5	11						
	KYT	0	iP	48 27.4		eS	3	13.4	19							
	MTYM	0	eP	48 28.7		eS	3	23.2	8	14	4	4	4	4		
	HRSM	0	X	48 31.8												
	TYOK	0	eP	48 34.9		eS	3	20.7	15	10						
	HMD	0	eP	48 47.2		S	3	26.3	12	11	6	6	5	4		
	MRTM	0	eX	51 25.6												
3	SMZ	0	X	13 28 05.4												
3	KYT	0	iP	19 28 18.4		iS	2.3	11	23							

マリアナ
諸島
Mariana
Is.
19.1°N
145.4°E
142 Km
(USCGS)



Date	Station	S.I.	Pha	Time (J. S. T)	Initial Motion(μ)	Pha	Max. Amplitude						P-Pha	Remarks		
							AmP(μ)			Period(sec)					Pha	P-Pha
							N	E	Z	N	E	Z				
4	SMZ	0	P	06:54:28.4		S	46.0									
	MTYM	0	eP	54:35.3		iS	51.0	8	9	3	1	1	1			
	KOCH	0	eP	54:39.9		eS	51.6	13	9		1	1				
	TKMT	0	eP	54:48.2		iS	100.9	8	9	3	1	1	1			
	UWJM	0	eP	54:58.7		eS	15.1									
	TYOK	0	X	56:16.8			14 9			1 1						
4	WKYM	1	P	16:14:20.0		S	1.3	48	32	21	1	1	1			
5	NGY	0	eP	04:40:26.8		eS	25.8	10	14	7	1	1	1			
	HKN	0	eP	40:37.6		S	31.7	10	16		1	1				
	TYOK	0	X	41:37.3			15:10			1 1						
5	SMSK	1	iP	10:26:38.3	-5+11+23	iS	3.9	43	40		1	0				
	OWS	1	P	26:43.9		S	8.7	21	60	21						
	WKYM	0	P	26:47.4		S	7.2									
	SMT	0	P	26:49.1		S	11.9	9	4	1	0	0	0			
	TKSM	0	eP	26:50.4		eS	12.8									
	NR	0	eP	26:51.9		eS	16.5									
	TKMT	0	eP	26:57.2		eS	19.3	8	8	4	1	1	1			
	MRTM	0	eP	26:59.4		S	13.8	5								
	NGY	0	eP	27:04.3		eS	29.3	6	8	3	2	1	1			
	KOB	0	eP	27:09.3			14 15 2			1 1 1						
	HKN	0	eP	27:20.5			5 6			1 1						
	TYOK	0	eS	27:53.0												
6	NGY	0	P	05:45:48.1	-3+4-5	S	25.6	10	00	42	2	2	2			
	OWS	0	eP	45:51.4		iS	34.0									
	KMYM	0	iP	45:54.1		iS	26.2	44	27	20	2	3	3			
	HKN	0	eP	45:57.7		S	30.4	78	61	32	3	2	3			
	NR	0	eP	45:59.2		S	36.0									

和歌山
南
S part
Wakaya
Pref.

大島近海
Near
Oshima
(34.7°N
139.2°E
0 Km
(JMA)

Date	Station	S.I.	Pha	Time (J. S. T)	Initial Motion(μ)	Pha	Max. Amplitude						P-Pha	Remarks				
							AmP(μ)			Period(sec)					Pha	P-Pha		
							N	E	Z	N	E	Z					m	s
	KYT	0	iP	46:01.2		iS	34.7	22	23	15	4	3	7					
	OSK	0	P	46:03.2	-3	S	37.2	56	76	29	3	3	2					
	SMSK	0	eP	46:04.1		S	34.9	6	8		4	3						
	KOB	0	eX	46:08.-														
	WKYM	0	eX	46:08.7			11 9			1 1								
	SMT	0	P	46:14.9		S	36.3	11	9	5	3	2	1					
	TKSM	0	eP	46:18.4		eS	50.8											
	TRGS	0	eP	46:20.8														
	TYOK	0	eP	46:22.2		eS	40.0	41	49	41	1	1	1					
	MRTM	0	eP	46:25.7		eS	59.0	6				8						
	MTE	0	eP	46:39.4		S	1	21.3	30	00	2	2						
	SMZ	0	eX	47:26.3														
	HKN	0	S	47:24.9														
7	WKYM	0	P	01:50:00.8		S	1.2	7	7									
8	KYT	0	iP	22:24:53.1		iS	0.9	18	37	10	1	1	1					
	NR	0	eP	24:56.5		iS	5.0											
10	KMYM	0	iP	14:18:00.2	-1	iS	2.2	49	30	16								
10	SMSK	0	eP	22:46:02.6		eS	7	41.3	6		9							
	KMYM	0	eP	46:09.2		S	7	47.0	4	6	4	6						
	OSK	0	P	46:09.9			13 17 10			5 6 3			X	7 33.6				
11	WKYM	0	P	03:12:06.1		S	0.9											
11	WKYM	0	P	18:45:05.2		S	1.4	11	4		1	1						
13	NGY	0	P	03:03:49.6	(+)	iS	10.2	5	4	3	0	0	0					
	KMYM	0	iP	04:00.5		iS	5.8	20	14									
13	NGY	0	eP	05:26:57.-	(+)	iS	9.-	8	4	4	0	0	0					
13	NGY	0	eP	17:42:08.-		eS	1	00.-	28	22	7	3	3	2				
	KMYM	0	eP	42:11.1		eS	1	22.4	25	24	15	3	5	2				

Date	Station	S.I.	Pha	Time			Initial			Pha	p-Pha	Max. Amplitude			Pha	p-Pha	Remarks			
				(J. S. T)			Motion(μ)					Amp (μ)						Period(sec)		
				h	m	s	N	E	Z			m	s	N				E	Z	N
24	MTYM	0	eP	03	45	58.0			iS	4.0	14	18	8	0	1	0				
	HRSM	0	P	45	58.9				S	5.2	5	7	5	0	0	0				
24	NGY	0	eP	06	52	12.3			eS	41.9	35	33	19	3	2	1				
	HKN	0	eP	52	24.4				S	47.1	29	30	11	2	1	2				
	KMYM	0	eP	52	25.0				iS	46.8	19	14	9	2	3	2				
	NR	0	eP	52	29.6															
	TYOK	0	eP	52	33.2						32	10		1	1					
	OSK	0	X	53	35.8						36	26	11	2	4	2				
	KYT	0	eS	53	38.2						8	10	4							
24	SMZ	0	eP	09	18	12.6			S	5	48.8	67	33	31	18	9	18			
	UWJM	0	eP	18	17.0				eS	5	46.4	25	25		5	10				
	KOCH	0	eP	18	20.0				eS	5	45.1	74	40	48	10	15	7			
	MRTM	0	P	18	20.2				eS	5	46.4	60	54	22	17	19	16	eL 8 24.5		
	MTYM	0	eP	18	24.1				eS	5	47.3	92	59	64	11	14	8			
	SMSK	0	eP	18	24.3				eS	5	55.6	84	77	38	16	21	4			
	TRGS	0	eP	18	25.9															
	SMT	0	P	18	27.-	(-)			S	5	59.-	63	36	66	5	10	4			
	HRSM	0	P	18	27.2	-2 -3 -10			S	5	50.2	49	64	71	13	13	7			
	OKYM	0	eP	18	27.9															
	TKSM	0	eP	18	28.4				eS	5	46.6									
	TKMT	0	eP	18	28.4				eS	5	50.2	47	67		16	21				
	OWS	0	P	18	29.3												X	5 54.6		
	HMD	0	eP	18	29.8				S	6	18.2	41	46	37	13	18	6	eL 11 16.-		
	WKYM	0	P	18	30.1				S	5	58.5	30	14	49	16	12	17	iX 13 13.4		
	OSK	0	P	18	32.5				+7 eS	6	08.0	24	25	74	5	4	3			
	KOB	0	X	18	34.-															
	NR	0	eP	18	34.1															



Date	Station	S.I.	Pha	Time			Initial			Pha	p-Pha	Max. Amplitude			Pha	p-Pha	Remarks			
				(J. S. T)			Motion(μ)					Amp (μ)						Period(sec)		
				h	m	s	N	E	Z			m	s	N				E	Z	N
	YNG	0	P	18	34.9				S	6	03.7									
	KMYM	0	iP	18	35.7				S	5	54.0	10	96	88	4	4	4			
	TTR	0	eP	18	37.4				eS	6	05.0	20	26	3		5				
	KYT	0	iP	18	37.8						5	3	4				eX 1 47.7			
	TYTK	0	P	18	38.9	(+)(+)(+)			iS	6	02.5	53	28	72	4	13	4	X 8 58.5		
	NGY	0	eP	18	40.-				eS	6	01.-	110	83	66	4	4	3			
	MTE	0	P	18	40.6				S	5	59.7									
	HKN	0	eP	18	41.5				eS	6	02.0	94	53	79	5	7	8			
	SIG	0	P	18	43.3				S	6	07.1									
25	SMSK	0	P	03	26	40.6			S	5	0	12	4	4	0	0	0			
	OWS	1	P	26	43.0				S	5	6									
	WKYM	0	P	26	43.7				S	11	9	12	5		1	1				
25	WKYM	0	P	03	48	25.1			S	0	7	7								
25	NGY	(1)	P	05	49	00.8	(-)(-)+8		iS	2	3	10	5	8	0	0	0			
25	NGY	1	iP	06	18	00.0	(-)(-)+12		iS	1	8	10	6	12	0	0	0			
25	NGY	0	eP	13	15	20.-			eS	53	-	8	6	3	2	2	1			
26	NR	0	eP	10	54	23.0			eS	36	2							近畿中部 Central part of Kinki District		
	OSK	0	P	54	23.3			+9	S	36	7	11	23	7	1	3	1			
	NGY	0	eP	54	23.4				S	39	1	8	14	4	2	3	1			
	KYT	0	iP	54	23.5				iS	36	2	5	17							
	KMYM	0	iP	54	25.0			+7	iS	35	8	11	13	14	2	2	2	35°N 136°E 360 Km (OMO)		
	TYOK	0	iP	54	26.1	(+)(-)(+)														
	HKN	0	iP	54	26.9				iS	37	1	16	46	8	2	1	2			
27	KOCH	0	eP	04	20	02.2	+4 +5		eS	7	8	13	15	6	0	0	0			
	MTYM	0	eP	20	07.7				iS	5	0	10	11	4	1	1	1			
	TKMT	0	eP	20	17.4				iS	11	0	7	9	5	0	0	0			
27	NGY	0	P	08	48	15.1	+5 -3		eS	27	8	160	180	80	2	2	2			

Date	Station	S.I.	Pha	Time			Initial			Max. Amplitude			Pha	p-Pha	Remarks			
				(J. S. T)			Motion(μ)			Amp (μ)						Period (sec)		
				h	m	s	N	E	Z	N	E	Z				N	E	Z
	KMYM	0	eP	48	23.8				S	31.9	62	56	67	2	3	3		
	HKN	0	P	48	24.2				S	34.8	180	100	63	1	1	2		
	OWS	0	eP	48	27.4				iS	30.0	12	14	13	2	3	3		
	NR	0	eP	48	29.8				eS	38.4								
	KYT	0	iP	48	30.3				iS	36.6	53	34	19					
	OSK	0	eP	48	34.3				eS	43.2	140	130	82	4	4	2	X	24.3
	KOB	0	X	48	37.-													
	TYOK	0	eP	48	37.9				eS	47.2	10	100	19	1	1			
	SMSK	0	eP	48	40.8				eS	45.3	10	8	9	2	2	2		
	SMT	0	P	48	41.3				S	47.7	11	9	6	3	3	2		
	TTR	0	eX	48	41.8													
	WKYM	0	P	48	44.0				S	48.4	30	11	8	1	1	2		
	TKSM	0	eP	48	47.6				eS	50.4								
	TRGS	0	eP	48	51.4													
	TKMT	0	eP	48	52.0				eS	105.0	8	11	3	1	1	1		
	MRTM	0	eP	48	58.1				eS	104.3	8			3				
	KOCH	0	eP	48	59.6				eS	113.6	12	6		2	2			
	MTE	0	eP	49	05.6				eS	117.5								
	MTYM	0	eP	49	07.3				eS	109.7	7	3	3	3	3	3		
	HRSM	0	P	49	07.3				S	126.0	4	3	4	2	2	3		
27	MTYM	1	iP	21	22 46.3	-3	+3	+9	iS	8.7	53	57	19	1	1	0		山口県
	HRSM	2	P	22	47.3	+2	+1	+5	S	8.9	22	27	17	1	1	1		南東部
	UWJM	1	P	22	49.4				iS	9.0	19	15						SE part
	KOCH	0	eP	22	53.9				eS	14.2	6	5		0	0			of
	SMZ	0	eP	22	56.1				eS	21.1								Yamaguchi
	OKYM	0	eP	23	02.1				iS	19.8	10	11		1	1			Pref.
	TKMT	0	eP	23	05.1				iS	13.4	8	8		1	1			



Date	Station	S.I.	Pha	Time			Initial			Max. Amplitude			Pha	p-Pha	Remarks			
				(J. S. T)			Motion(μ)			Amp (μ)						Period (sec)		
				h	m	s	N	E	Z	N	E	Z				N	E	Z
	MRTM	0	eP	23	06.7				S	24.6	6		1					
8	NGY	0	eP	00	32 07.-				S	23.-	11	14	8	1	1	2		
	HKN	0	eP	32	30.4				eS	19.5	11	7	4	1	1	1		
	TYOK	0	X	34	33.3													
8	MTYM	0	eP	10	54 37.3				iS	46.5	6	3	2	0	0	0		
9	NGY	0	eP	10	23 53.-				eS	39.-	13	13	5	2	2	2		
	HKN	0	eP	24	03.1						9	7	4	1	1	2		
	OSK	0	X	25	19.7						15	16	5	4	3	2		
10	NGY	(1)	iP	00	45 54.1	+3	(+)	-4	iS	5.7	13	13	9	1	0	0		
	KMYM	0	iP	45	56.4				iS	7.7	24	14	8					
30	MTYM	0	eP	17	27 34.2				iS	4.5	23	12	6	1	1	0		愛媛県
	HRSM	1	P	27	37.1	-2	-2	-5	S	8.0	17	31	9	0	1	0		西岸
	KOCH	0	eP	27	39.5				eS	11.0	8	8	4	0	0	0		W coast
	UWJM	1	P	27	39.6				iS	8.5	35	30						of Ehime
	SMZ	0	eP	27	45.6				S	18.5								Pref.
	MRTM	0	X	28	00.6						6		0					33.8°N
																		132.7°E
																		40 Km
																		(OMO)

Report of Earthquakes

Station not equipped with Seismograph

昭和40年1月

Jan. 1965

Date	Station	Prefecture	S.I.	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
2	Ichiba 市場	Shiga	I	04 ^h 46 ^m	VR	—	VS
5	Kurisugawa 栗栖川	Waka- yama	II	10:24	R	—	S
	Shirahama 白浜	"	II	27	SL	—	L
	Kiyokawa 清川	"	I	26	SL	heard	S
	Ichikano 市鹿野	"	I	26	R	—	S
	Shingū 新宮	"	I	27	R	—	VS
6	Ichikano 市鹿野	"	I	14:00	R	—	S
16	Higashinogami 東野上	"	I	10:43	R	heard	S
16	Higashinogami 東野上	"	I	12:08	R	heard	S
16	Higashinogami 東野上	"	I	12:49	R	heard	S
18	Akashi 明石	Hyōgo	II	06:50	R	heard	VS
21	Kibi 吉備	Waka- yama	III	11:41	R	—	S
	Shingū 新宮	"	III	41	R	—	S
	Kiyokawa 清川	"	III	41	R	—	VS
	Teragaito 寺垣内	Nara	III	41	R	—	S
	Hiki 日置	Waka- yama	II	41	SL	—	S
	Ryūjin 竜神	"	II	41	R	heard	L
	Shirahama 白浜	"	II	41	R	—	L
	Tanabe 田辺	"	II	41	R	—	S

Date	Station	Prefecture	S.I.	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
	Zenki 前鬼	Nara	II	11 ^h 41 ^m	R	—	S
	Dorogawa 洞川	"	II	41	R	—	VS
	Kawai 河合	"	II	41	R	—	S
	Minaminosyō 南之庄	"	II	41	R	—	S
	Kawakami 川上	"	II	41	R	—	S
	Tsuburo 津風呂	"	II	41	R	—	VS
	Oyama 尾山	"	II	42	VR	—	S
	Shigaraki 信楽	Shiga	II	43			
	Akashi 明石	Hyōgo	I	40	SL	—	VS
	Ichikano 市鹿野	Waka- yama	I	41	R	—	VS
	Kurisugawa 栗栖川	"	I	41	R	—	S
	Naruto 鳴門	Toku- shima	I	43	R	—	S
26	Syobara 庄原	Hiro- shima	II	22:40	R	—	S
27	Kure 呉	"	II	21:23	R	—	S
	Innoshima 因島	"	II	23	R	—	VS
	Kabe 可部	"	I	22	SL	—	S
	Masuda 益田	Shima- ne	I	23	VR	—	VS
	Kurahashi 倉橋	Hiro- shima	I	24	SL	—	VS
30	Kurahashi 倉橋	"	I	17:28	R	—	VS

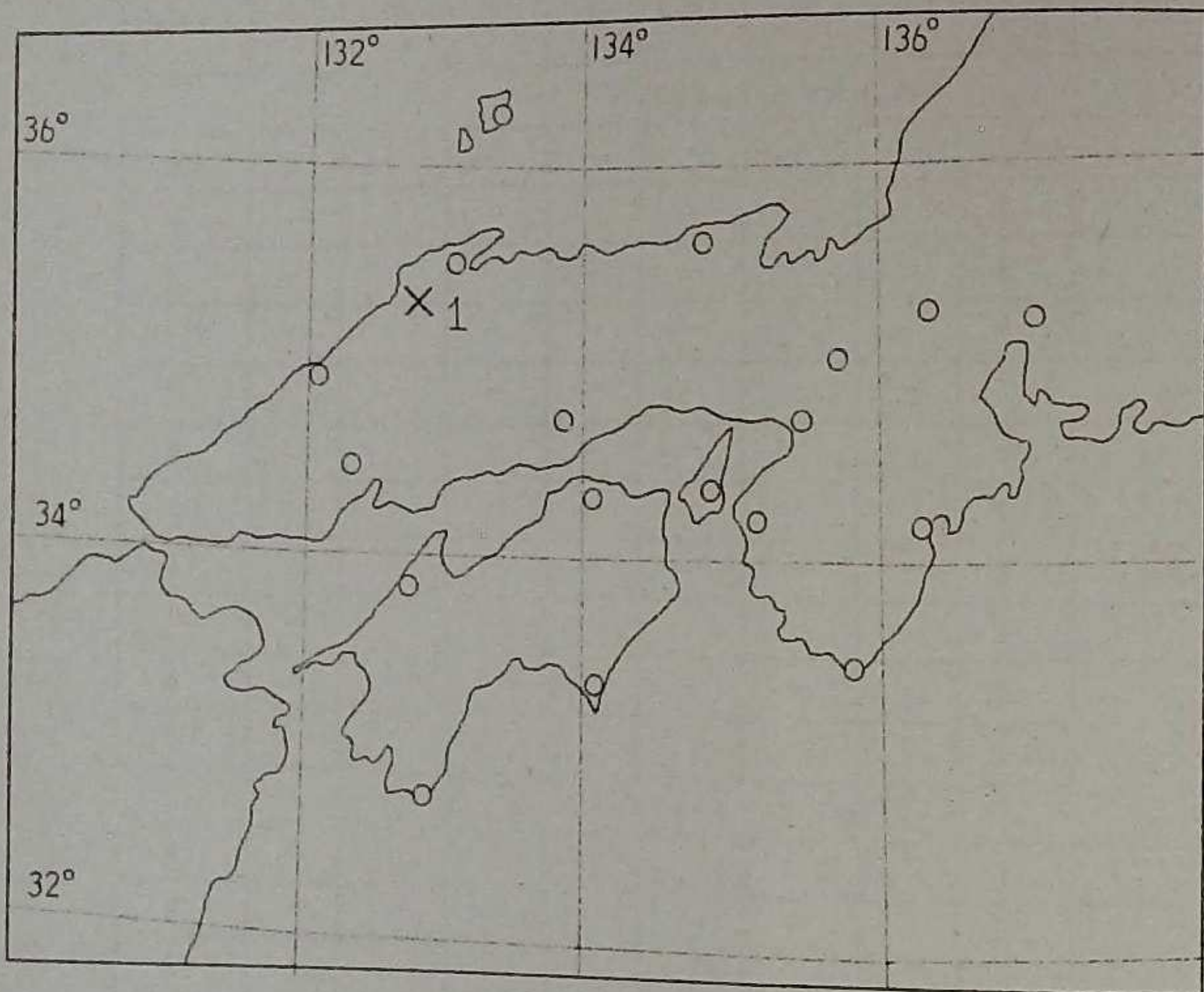
Number of earthquakes

Feb. 1965

Station	S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		18	—	—	—	—	—	—	—	18
Himeji		3	—	—	—	—	—	—	—	3
Kōbe		3	—	—	—	—	—	—	—	3
Kyōto		9	3	—	—	—	—	—	—	12
Maijuru		3	—	—	—	—	—	—	—	3
Nara		6	—	—	—	—	—	—	—	6
Ōsaka		22	—	—	—	—	—	—	—	22
Shionomisaki		4	—	—	—	—	—	—	—	4
Sumoto		7	—	—	—	—	—	—	—	7
Toyooka		8	—	—	—	—	—	—	—	8
Wakayama		12	1	1	—	—	—	—	—	14
Chūgoku District										
Hamada		4	—	—	—	—	—	—	—	4
Hiroshima		6	—	—	—	—	—	—	—	6
Matsue		2	—	—	1	—	—	—	—	3
Okayama		1	—	1	—	—	—	—	—	2
Saigō		2	—	—	—	—	—	—	—	2
Tottori		2	—	—	—	—	—	—	—	2
Yonago		1	1	—	—	—	—	—	—	2
Shikoku District										
Kōchi		8	—	—	—	—	—	—	—	8
Matsuyama		3	1	1	—	—	—	—	—	5
Murotomisaki		5	—	—	—	—	—	—	—	5
Shimizu		6	—	—	—	—	—	—	—	6
Takamatsu		5	1	—	—	—	—	—	—	6
Tokushima		3	—	—	—	—	—	—	—	3
Tsurugisan		6	—	—	—	—	—	—	—	6
Uwajima		3	—	—	—	—	—	—	—	3

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku.

Feb. 1965



No.	Date	Origin Time (J.S.T.)	Epicenter			Max. S. I.	
			Location	Lat.	Long.		Depth
1	26	h m 15 43	島根県北部 N part of Shimane Pref.	°N 35.3	°E 132.8	Km 30	III

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)					
								N	E	Z	N	E	Z			
1	WKYM	0	P	16 23 39.3		S	1.0	16								
2	NGY	(1)	P	02 25 34.2	-3 -1 -4	iS	5.7	28 15 9	1 1 0							岐阜県 南部
	KMYM	0	iP	25 41.8		iS	10.1	8 11								S part of Gifu Pref.
	HKN	0	P	25 43.0		iS	10.2	36 57 15	1 1 1							
	KYT	0	eP	25 47.3		iS	16.8	6 8 4								
	NR	0	eP	25 49.1		eS	17.2									
	TYOK	0	X	26 24.7				9			1					
2	NGY	0	eP	13 15 00.-		eS	1 02.-	17 15 5	3 2 2							
	HKN	0	eP	15 04.0		eS	1 13.3	9 8 3	1 1 2							
	TYOK	0	eP	15 16.2				13		1						
	KMYM	0	eP	15 22.2		iS	43.0	8		3						
4	NGY	0	eP	14 08 04.-		eS	4 21.-	1000 1100 200	15 16 20							アリュー シャン 中部
	KMYM	0	eP	08 09.0		(+) S	7 10.6	410 450 400	14 16 16							Central part of Aleutian Is.
	OWS	0	eP	08 10.4		S	6 12.6	430 290 220	16 16 17							(513'N 1786'E 40 Km (USGS)
	NR	0	eP	08 10.9												
	MIZR	0	eP	08 15.9									L 7 43.7			
	HKN	0	eP	08 17.0		eS	5 57.3	500 300 340	15 15 16							
	KYT	0	eP	08 18.1		eS	5 51.6	430 250 190	15 16 18							
	SMT	0	P	08 18.5		S	5 59.7	600 310 280	14 19 18							
	TTR	0	eP	08 19.0		eS	5 57.3	57 51 41	16 14 16							
	OSK	0	eP	08 21.5				950 350 250	15 15 15	eL 7 50.-						
	TKMT	0	eP	08 23.1		eS	5 57.8	320 270 180	15 15 17							
	TYOK	0	eP	08 23.9		(-) (-) (+) S	5 46.1	450 360 200	14 16 16	eL 7 40.9						
	WKYM	0	eP	08 24.0		S	7 55.2	230 110 250	13 15 16							
	KOB	0	X	08 24.-				700 500 200	16 14 18							
SIG	0	P	08 24.6		S	5 59.4	240 76	14 14								
HMJ	0	eP	08 25.7		eS	7 46.2										
SMSK	0	eP	08 28.0		eS	6 00.3	1200 750 200	16 17 14								

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p~Pha m s	Remarks			
							p~Pha			Amp. (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
	TKSM	0	eP	08 28.2		eS	6 04.2	52	41	44	15	15	19					
	YNG	0	eP	08 29.2		eS	5 39.7											
	MTYM	0	P	08 31.3		S	6 28.5	280	320	340	17	18	21					
	OKYM	0	eP	08 31.5		eS	7 24.0	70	50		16	16						
	MTE	0	eP	08 32.6		S	6 11.6											
	TRGS	0	P	08 34.2		S	6 06.0											
	HMD	0	eP	08 34.5		eS	5 48.1	280	230	170	14	15	18					
	KOCH	0	eP	08 38.1		eS	6 04.0	440	230		15	18						
	HRSM	0	P	08 39.0		S	5 57.6	1000	400	210	15	15	15					
	MRTM	0	P	08 39.7		eS	5 48.8	230	320	600	15	16	16	i X	1 48.6			
	UWJM	0	eP	08 43.4		eS	5 27.4	100	100		17	18						
	SMZ	0	eP	08 46.2				300	380		16	16		e X	6 36.4			
4	NGY	0	eP	17 47 29.-		eS	5 30.-	28	16	8	15	18			アリュー シヤン中部			
	KMYM	0	eP	47 32.6		S	5 46.8	25	19		16	20			Central part of Aleutian			
	KYT	0	eP	47 36.7		eS	5 12.7	16	17	10	16	18			Is.			
	OSK	0	P	47 38.4	+7	eS	5 40.0	49	48	30	5	6		e L	7 50.-			
	OWS	0	eP	47 38.6		S	5 42.3	15	17		15	14			{ 513°N 1795°E 40 Km (USCGS)			
	SMT	0	X	47 41.-				16	22	17	14	20						
	WKYM	0	eP	47 45.3		eS	8 10.9	18	18	17	18	15						
	TKMT	0	eP	47 46.6		eS	5 50.1	16	16	3	18	22						
	SMSK	0	eP	47 47.4		eS	5 45.5	16	8	4	17	17		e L	8 31.6			
	MTYM	0	eP	47 53.0		eS	6 00.-	20	25	25	19	24						
	MRTM	0	P	47 55.5		eS	6 06.6	16	14		16	23						
	HMD	0	eP	47 57.0		eS	5 44.0	15	13	10	21	16						
	HRSM	0	P	47 57.4		S	5 55.9	20	25	13	16	16						
	SMZ	0	eP	48 10.0				13	5		24	22		X	5 55.8			
	TYOK	0	eP	48 40.1		S	5 38.8	32	18	17	16	20		e L	8 10.2			
4	KOCH	0	eP	20 54 14.3		eS	4.2	4	4		0	0						

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p~Pha m s	Remarks			
							p~Pha			Amp. (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
4	NGY	0	eP	21 12:17.-		eS	5 00.-	7	8	2	2	3	2					
	TYOK	0	eP	12 25.8		eS	5 35.0	6		16			e L	7 32.2				
	OSK	0	X	12 29.2		eS	5 09.1	17	28	14	5	5	3	e L	9 20.-			
	KMYM	0	P	12 29.5				6	6		4	2						
	SMT	0	X	13 -				6		16								
4	KYT	1	eP	23 58:17.0		i S	2.2	23	47	21								
	MIZR	0	eP	58:23.7		e S	5.9											
5	KYT	1	iP	00 11:36.4		i S	2.0	32	74	25					京都府中部 Central part of Kyōto Pref			
	NR	0	eP	11:42.3		S	6.6								{ 352°N 135.7°E 0~5 Km (OMO)			
	HKN	0	eP	11:42.8		i S	5.0	12		4	1	1						
	KMYM	0	eP	11:48.1		i S	6.0	8	11									
	TYOK	0	eP	11:51.1		i S	10.9	12	9		0	1						
	OSK	0	X	11:51.4				5	7		0	1	X	0.8				
6	NGY	0	eP	10 48:53.-		eS	6 35.-	6	8	3	2	2	2					
	KMYM	0	P	48:59.7				6			1							
	OSK	0	P	49:04.6	-6	S	6 59.4	24	27	13	5	4	5					
	TRGS	0	eX	49:10.1														
	TKMT	0	eP	49:12.6		e S	6 59.9	5	8		8	9						
7	HMD	0	eP	01 59:19.2		eS	7 01.9	7	3	5	6	6	3					
9	NGY	0	eP	00 52:38.-				7	7	2	3	3	2					
	OSK	0	P	52:51.4	+3	S	5 15.0	14	13	8	5	5	3					
	KMYM	0	P	52:57.6				5	6		6	4						
9	WKYM	1	P	10 34:23.7		S	0.6	57	33	27	1	1	1					
10	MTYM	2	P	10 24:31.6	+3 +13 +14	S	7.5	82	55	32	1	1	0		伊予灘 Off W coast of Ehime Pref			
	HRSM	0	P	24:33.6		S	9.5	33	23	12	0	0	0		{ 336°N 132.2°E 40 Km (OMO)			
	UWJM	0	P	24:35.7		i S	6.9											
	KOCH	0	eP	24:40.1		eS	12.7	10	12	5	0	0	0					
	SMZ	0	eP	24:40.8		S	18.5	10	6	6	1	1	1					

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p~Pha m s	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
	TKMT	0	eP	24 48.4		eS	14.3	6	7	5	1	1	0		
	MRTM	0	eP	24 52.6		S	21.4	6			1				
	TRGS	0	eP	24 56.0											
	TKSM	0	eP	24 58.5		eS	29.8								
11	SMT	0	P	11 59 43.6		S	9.8	6	3		0	0			
	KYT	0	iP	59 46.3		iS	9.9	9	8						
	OSK	0	S	59 49.1				10	6	3	0	0	0		
12	WKYM	2	P	02 07 43.6		S	1.6	31	44	21	1	1	1		
	SMT	0	P	07 46.4		S	3.6	6	4		0	0			
12	OSK	0	X	02 44 06.0				6	8		5	4			
13	WKYM	0	P	15 32 14.5		S	0.6	10	19						
13	KMYM	0	iP	16 06 01.7	+3 +1 -7	iS	3.4	8	6	5					
13	OSK	0	S	23 52 57.8				7	5	2	0	0	0		
14	TRGS	0	P	07 01 26.9		iS	2.0								
14	KYT	1	iP	18 50 26.4		iS	1.5	13	8						
	NGY	0	eP	50 33.5		eS	28.-	11	7	4	2	2	1		
	HKN	0	eP	51 29.3				10	5	2	1	1	1		
16	NGY	0	eP	21 25 32.1	+3 +1 -1	eS	1 05.-	88	63	18	3	3	3		金華山沖 Off E coast Miyagi Pref 38.8 N 142.1 E (40 Km (JMA)
	HKN	0	iP	25 38.8	(+)+3 -4	S	1 11.3	39	25	11	2	2	2		
	KYT	0	iP	25 44.2		iS	1 14.6	9	9	8	2	3	2		
	KMYM	0	eP	25 46.6		iS	1 02.6	45	27	17	4	4	4		
	NR	0	eP	25 47.4											
	TYOK	0	P	25 49.1	(-)(+)(+)										
	OSK	0	P	25 49.7				24	19		1	1			
	SMT	0	P	25 55.4	+3	S	1 20.6	78	120	25	3	5	3		
	OVS	0	eP	25 57.9		S	1 25.0	9	5	2	3	2	3		
	SMSK	0	eP	25 58.7		eS	1 18.5	9	10	7	3	3	2		
	MRTM	0	eP	26 16.4				9	13	2	4	4	2	eX	1 56.0
						eS	1 47.2	6			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						Pha	p~Pha m s	Remarks
								Amp. (μ)			Period(sec)					
								N	E	Z	N	E	Z			
	KOCH	0	eP	26 16.9		eS	1 46.4	8	6		4	4				
	WKYM	0	eP	26 18.1		eS	1 27.5	6	2		3					
18	KOB	0	iP	01 42 03.2	-4	iS	2.6								兵庫県南部 S part of Hyogo Pref	
	SMT	0	P	42 04.8	(-)(+)(+)	S	4.1	6	3		0	0				
	HMJ	0	eP	42 06.4		S	2.9									
	WKYM	0	iP	42 07.6		S	6.2	9	4		1					
	TKMT	0	eP	42 14.9		eS	10.0	4	8		0	0				
18	HRSM	0	X	03 30 05.7							3	6	2	4	4	3
18	KOCH	0	eP	06 38 44.5		eS	3.7	4	5		0	0				
19	KOCH	0	eP	07 22 42.2		eS	2.3	20	20	12	0	0	0			
19	SMZ	0	eP	13 34 29.2		S	14.9									
19	OSK	0	S	19 52 01.6							5	16	2	0	0	0
	KYT	0	iS	52 03.4							5	8				
20	HKN	0	iP	03 20 15.7	-7 +3						8	5		1		
20	NGY	0	eP	10 50 38.-		eS	22.-	8	10	4	3	2	2			
	HKN	0	eP	50 49.5		S	31.1	8	3	2	2	2	2			
	OSK	0	X	51 50.7							7	4	2	3	4	2
20	NGY	0	eP	10 55 27.-		eS	26.-	9	10	4	2	2	1			
	HKN	0	eP	55 38.1		S	32.5	8	4	3	2	1	2			
	OSK	0	X	56 18.9							6	5	2	3	3	3
	TRGS	0	eP	57 38.4												
20	NGY	0	eP	10 58 27.-		eS	24.-	11	14	8	2	2	2			
	HKN	0	eP	58 38.1		S	31.3	14	7	4	2	2	2			
	OSK	0	X	59 26.4							12	11	4	5	5	2
20	NGY	0	eP	11 02 47.-		eS	26.-	8	7	3	3	2	2			
20	NGY	0	eP	11 15 07.-		eS	24.-	25	24	8	3	2	2			
	NR	0	eP	15 17.5												
	KMYM	0	eP	15 17.7		eS	47.5	12	12	8	4	5	4			

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude			Pha	p~Pha m s	Remarks				
							Amp. (μ)									
							N	E	Z							
	HKN	0	eP	15 19.1		S	28.6	19	10	4	4	2	2			
	OSK	0	X	15 34.9		eS	21.2	25	23	9	4	4	3			
20	NGY	0	eP	11 18 17.-		eS	26.-	25	28	10	2	2	1			
	NKN	0	eP	18 27.6		S	31.3	22	11	6	2	2	2			
	KMYM	0	eP	18 37.6		eS	47.2	24		4						
	KYT	0	X	19 07.1				13	9	7	2	1		X	1	27.1
	OSK	0	X	19 10.5				20	20	7	3	4	3			
20	NGY	0	eP	11 19 -				38	27	10	2	2	1			
	KMYM	0	eP	19 57.4		eS	46.5	18	12	17	4	4	2			
	HKN	0	S	20 19.7				33	15	11	2	2	2			
	OSK	0	X	20 33.3				44	28	11	3	3	3			
20	NGY	0	eP	11 20 45.-		eS	33.-	19	12	4	3	2	2			
	KMYM	0	eP	21 31.1		eS	1 50.0	30	26	15	3	4	4			
20	NGY	0	eP	11 22 22.-		eS	24.-	49	47	19	3	2	1			
	OWS	0	eP	22 31.1		eS	41.7									
	HYN	0	eP	22 34.4		S	28.7	52	31	16	2	2	2			
	MTE	0	eP	23 07.0		eS	1 20.2									
	OSK	0	X	23 10.2				48	42	17	3	3	3			
20	NGY	0	eP	12 24 20.-		eS	24.-	20	22	9	3	2	2			
	KMYM	0	eP	24 31.0		eS	47.8	7	7		4	4				
	HKN	0	P	24 31.3		S	31.8	19	11	6	2	2	1			
	OSK	0	X	25 10.6				18	14	6	3	4	3			
20	KYT	0	iP	19 28 43.9		iS	2.2	10	20	7						
20	NGY	0	eP	20 00 18.-		eS	25.-	13	12	6	2	2	1			
	HKN	0	eP	00 35.2		S	26.4	17	8	5	2	2	1			
	OSK	0	X	01 12.2				12	15	6	3	4	2			
20	HKN	0	eP	20 58 48.0				8	5	2	2	2	2			
22	WKYM	0	P	05 06 28.2		S	0.5	11								

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude			Pha	p~Pha m s	Remarks				
							Amp. (μ)									
							N	E	Z							
24	NGY	0	eX	07 31 44.-												
	OSK	0	X	32 05.9				13	12	9	4	4	3			
24	MTYM	0	eP	21 09 53.5		iS	7.0	9	7	5	0	1	1			
	HRSM	0	P	09 58.1		S	7.4	4	8	2	0	0	0			
	KOCH	0	eP	10 04.8		eS	14.2	4	6		0	0				
25	WKYM	0	P	05 59 36.9		S	1.1	7								
25	WKYM	0	P	12 13 57.3		S	1.1	16	4							
26	MTE	3	iP	15 43 00.9	+108 +60	iS	5.4									島根県 北部
	YNG	1	iP	43 04.1	+4 +15 +9	iS	6.9	220	130	58	1	1	0			N part
	HMD	0	eP	43 07.1		S	8.8	150	56	38	4	4	3			of Shim-
	HRSM	0	iP	43 11.5		iS	11.6									ane Pref
	OKYM	2	iP	43 14.3	+24 -46 -20	iS	14.4	80	70	30	1	1	3			35.2'N
	SIG	0	iP	43 15.3	+13 +8	S	14.8	35	18		2	1				132.8'E
	TTR	0	iP	43 16.1	+2 +4 +6	iS	14.4	110	49	39	2	2	1			30 Km
	TKMT	1	iP	43 19.2	+6 -7 -3	iS	18.1	140	110	44	1	1	1			(OMO)
	MTYM	1	iP	43 20.3	-6 +3 +4	iS	17.2	82	140	39	1	1	1			
	OWS	0	P	43 21.1												
	HMJ	0	P	43 23.6		S	20.9									
	TRGS	0	eP	43 25.8		eS	12.9									
	TYOK	0	P	43 27.1	(-) (-)	S	22.0	230	210	37	1	1	1			
	KOCH	0	eP	43 27.1		iS	22.4	39	61	37	3	2	3			
	TKSM	0	iP	43 29.1	(+) (-) (-)	iS	25.5	150	170	28	2	2	1			
	MIZR	0	eP	43 30.5		eS	29.0									
	UWJM	0	eP	43 30.7		S	25.8									
	KOB	0	eP	43 30.8		eS	26.7									
	WKYM	0	eP	43 34.4		S	29.5	41	21		1	1				
	KYT	0	eP	43 37.0		iS	30.0	48	37	21	2	1	3			
	NR	0	eP	43 38.4		eS	33.7									

Date	Station	S.I.	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	Max. Amplitude						Pha	p~Pha m s	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
	MRTM	0	eP	43:39.1		iS	29.4	33	39	17	4	5	2		
	SMZ	0	eP	43:39.8		S	30.7	27	31		1	2			
	OSK	0	eP	43:40.1		eS	28.0	55	92	46	3	4	3		
	HKN	0	eP	43:47.6		S	34.8	62	49	18	2	1	2		
	KMYM	0	eP	43:49.8		iS	42.2	45	49		2	1			
	SMSK	0	eP	43:50.9		eS	38.8	9	8	12	2	2	1		
	NGY	0	eP	43:51.6		eS	48.5	39	33	13	2	2	2		
26	NGY	0	eP	16 36:07.-		eS	10.-	9	7		2	2			
27	SMZ	0	eP	05 29:51.0											
27	WKYM	0	eP	10 25:53.3		S	1.4	11	7						
28	WKYM	0	P	04 24:02.4		S	1.5	29	19		1				

Station not equipped with Seismograph

昭和40年2月

Feb. 1965

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
1	Kurahashi 倉橋	Hiroshima	I	18 ^h 00 ^m	R	—	VS
5	Ōtsu 大津	Shiga	I	00 11			
	Aburahi 油日	"	I	12			
10	Kōchi 河内	Hiroshima	II	10 25			
	Kure 呉	"	I	24	R	—	S
	Kake 加計	"	I	25	R	—	S
18	Akashi 明石	Hyōgo	II	01 41	R	heard	VS
23	Takano 高野	Hiroshima	II	03 03	VR	—	VS
24	Syōbara 庄原	"	I	20 25	SL	—	S
26	Sakai 境	Tottori	III	15 43	R	—	S
	Hinokani 日野上	"	II	43	R	—	S
	Kaminagata 上長田	Okayama	II	43	SL	—	S
	Okutsu 奥津	"	II	43	SL	—	S
	Kure 呉	Hiroshima	II	43	R	—	S
	Kōchi 河内	"	II	43	R	—	S
	Syōbara 庄原	"	II	44	SL	—	L
	Innoshima 因島	"	II	45	R	—	VS
	Takano 高野	H "	II	45	R	—	S
	Yoshinari 吉成	Tottori	I	43	SL	—	VS
	Matsunaga 松永	Hiroshima	I	43	R	—	S
	Hōshōji 法勝寺	Tottori	I	45	VR	—	VS
	Kurahashi 倉橋	Hiroshima	I	45	SL	—	S



大阪管区

地震月報

昭和40年 $\frac{3}{4}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

March 1965
April

大阪管区气象台

The Osaka

District Meteorological Observatory

Japan

Number of earthquakes

Mar. 1965

Station	S. I.	0	I	II	III	IV	V	VI	VII	Total
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Kinki District

Hikone	15	—	2	—	—	—	—	—	—	17
Himeji	1	—	—	—	—	—	—	—	—	1
Kobe	9	—	—	—	—	—	—	—	—	9
Kyōto	*	*	*	*	*	*	*	*	*	*
Maizuru	2	1	—	—	—	—	—	—	—	3
Nara	8	2	—	—	—	—	—	—	—	10
Ōsaka	24	—	—	—	—	—	—	—	—	24
Shionomisaki	11	—	—	—	—	—	—	—	—	11
Sumoto	*	*	*	*	*	*	*	*	*	*
Toyooka	14	—	—	—	—	—	—	—	—	14
Wakayama	21	6	1	—	—	—	—	—	—	28

Chūgoku District

Hamada	10	—	—	—	—	—	—	—	—	10
Hiroshima	9	—	—	—	—	—	—	—	—	9
Matsue	4	—	—	—	—	—	—	—	—	4
Okayama	4	—	—	—	—	—	—	—	—	4
Saigō	3	—	—	—	—	—	—	—	—	3
Tottori	6	—	—	—	—	—	—	—	—	6
Yonago	2	—	—	—	—	—	—	—	—	2

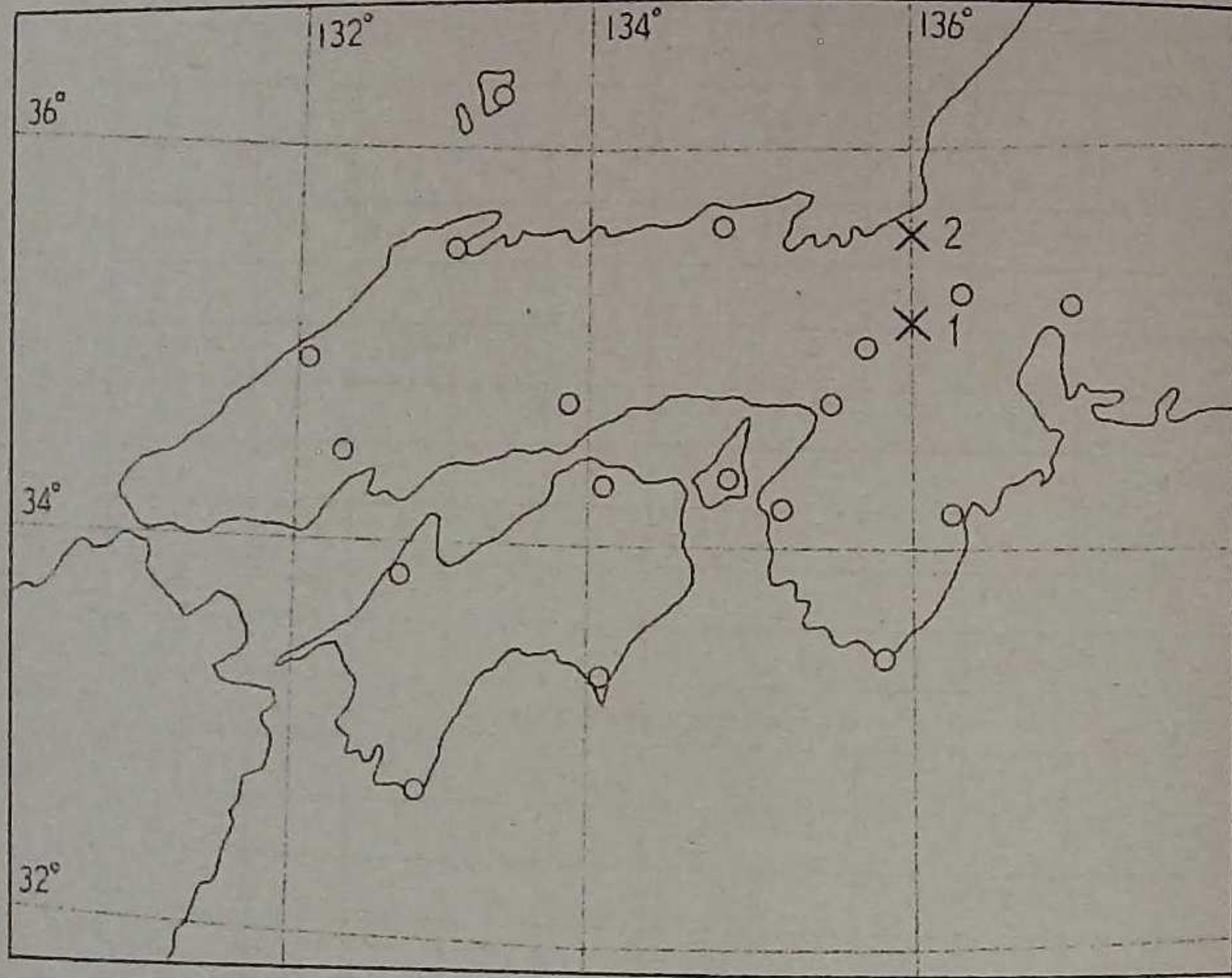
Shikoku District

Kōchi	12	—	—	—	—	—	—	—	—	12
Matsuyama	10	—	—	—	—	—	—	—	—	10
Murotomisaki	10	—	—	—	—	—	—	—	—	10
Shimizu	11	—	—	—	—	—	—	—	—	11
Takamatsu	9	1	—	—	—	—	—	—	—	10
Tokushima	9	1	—	—	—	—	—	—	—	10
Tsurugisan	8	1	—	—	—	—	—	—	—	9
Uwajima	5	—	—	—	—	—	—	—	—	5

* no observation

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku

Mar. 1965



No.	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		Depth
1	1	03 ^h 53 ^m	滋賀県西部 W part of Shiga Pref.	35.2°N	136.0°E	10 ^{Km}	II
2	6	01 21	福井県西部 W part of Fukui Pref.	35.6	136.0	20	III

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	p~Pha. m s	Max. Amplitude						Pha.	p~Pha. m s	Remarks
								Amplitude(μ)			Period(sec)					
								N	E	Z	N	E	Z			
1	WKYM	1	P	00 28 06.6		S	1.4	98	110	25	1	1	1			和歌山県 北部 N part of Wakayama Pref. 34.1°N { 135.2°E 0~10Km (OMO)
	TKSM	0	eP	28 14.2		iS	8.0									
	NR	0	eP	28 20.4		eS	10.2									
	SMSK	0	eP	28 22.6		iS	11.6	9	8	8	0	0	0			
	TKMT	0	eP	28 23.9		eS	11.2	8	8	4	1	1	1			
	KYT	0	eP	28 25.8		eS	13.9	6	6	3	2	2	1			
	OSK	0	X	28 26.4				22	27	5	4	4	3			
	MRTM	0	eP	28 26.8		S	14.9		6				1			
	KMYM	0	eP	28 31.5		S	19.8	8	10	2	1	1	1			
	TYOK	0	eP	28 36.7		S	15.3	10	10				1	1		
1	HKN	2	iP	03 53 05.6	-3 -3 -34	iS	3.5	390	460	140	1	1	1		滋賀県西 部 W part of Shiga pref. 35.2°N { 136.0°E 10 Km (OMO)	
	KYT	1	eP	53 06.3		iS	4.5	62	91	78	0	0	0			
	KMYM	1	iP	53 10.8	+4 -4 -17	iS	7.8	36	41	27						
	MIZR	0	iP	53 11.2	-4 +10 -9	eS	7.0									
	NR	1	eP	53 11.3		iS	7.6									
	OSK	0	eP	53 14.9		iS	9.5	18	19	9	4	4	2			
	NGY	1	iP	53 15.6	+4 -4	iS	10.8	19	23				0	1		
	TYOK	0	P	53 18.8		S	14.0	40	61	31	1	1				
	OVS	0	P	53 22.1		S	14.6	11	11							
	WKYM	0	eP	53 24.1		eS	16.0	9	5				1	1		
	TTR	0	iP	53 27.8	-4 +4	iS	20.0	12	12	6	1	0	1			
	OKYM	0	eP	53 31.3		iS	23.0	11					2			
TKMT	0	eP	53 35.8		eS	22.5	5	6				1	1			
1	OSK	0	X	17 23 33.9				11	15	6	4	5	4			
1	OSK	0	X	22 25 18.5				8	14	7	5	5	3			
2	WKYM	1	P	05 48 45.4		S	1.2	22	25				1	1		
3	SMSK	0	eP	06 38 21.0		eS	1 20.1	9	6	4	3	3	3			
	NR	0	eP	38 31.0												小笠原諸島

Date	Station	S.I.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	p~Pha		Max. Amplitude						Pha	p~Pha		Remarks
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec)				m	s	
													N	E	Z	N	E	Z				
	OSK	0	iP	38	31	6		+11	iS	1	31.0	52	51	18	5	5	3				Bonin Is. 282°N 139.3°E 495 Km (USCGS)	
	KMYM	0	iP	38	31	9	+4	+6	+12	iS	1	28.5	51	28	33	4	4	3				
	TKMT	0	iP	38	35	3	+3	-3		eS	1	32.6	7	7		3	3					
	HKN	0	iP	38	36	2	-7	-3	+7	S	1	26.6	29	18	11	3	3	2				
	MTYM	0	eP	38	40	2				iS	1	36.5	9									
	TYOK	0	P	38	42	6				eS	1	39.0	14	14		1	3					
	HRSM	0	eP	38	44	8	(+)	(-)	+2	eS	1	41.3	7	5	2	5	4	3				
	HMD	0	eP	38	53	1				eS	1	41.4	16	20	3	4	4	2				
	SMZ	0	eX	40	00	3																
3	WKYM	1	P	16	01	32.2				S	1.5	130	69	95	1	1	1					
4	WKYM	0	P	00	20	34.4				S	11	36	22	36	1	1	1					
4	SMZ	0	eP	00	22	02.9																
	SMSK	0	eP	22	03	4						6	4		22	21		eL	12	235		
	KMYM	0	eP	22	05	0						6	4	8	33	12	12	X	8	175		
	KOCH	0	eP	22	05	9				eS	6	38.3	4	2	16	18						
	OSK	0	P	22	09	7						19	15	15	4	5	22	X	8	589		
	HMD	0	eP	22	18	9				eS	6	22.9	6	4	3	10	11	16				
4	WKYM	0	P	00	35	06.5				S	1.0	11	14	16	1	1	1					
4	HKN	0	eP	04	27	35.0				eS	9.6	23	12	7	2	2	2				福井県 北部 N part of Fukui Pref.	
	KMYM	0	eP	27	42	8				iS	14.0	10	10	7								
	TYOK	0	P	27	45	1				S	16.6	34	24		1	1						
	OSK	0	eP	27	48	5				S	20.4	18	16	8	5	4	4					
4	KMYM	0	eP	07	16	40.1				iS	6.6	6	12									
	HKN	0	P	16	41	0				iS	9.0	14	14	7	0	1	0					
6	HKN	2	P	01	21	58.2	+6		-16	iS	4.9	320	170	59	1	1	1				福井県 西部	
	MIZR	1	iP	21	59	9	+8	+20	-11	eS	6.2											
	KMYM	1	iP	22	06	1	-3	+3	+5	iS	10.4	69	54									
	NR	1	iP	22	06	3			+5	eS	9.1											

Date	Station	S.I.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	p~Pha		Max. Amplitude						Pha	P~Pha		Remarks
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec)				m	s	
													N	E	Z	N	E	Z				
	TYOK	0	iP	22	07	9	-3	+40	-26				170	120	14	1	1		X	18.1	W part of Fukui Pref. N 35.6°E {136.0° 20 Km (OMO)	
	OSK	0	iP	22	08	9		+6		iS	12.8	53	70	23	2	2	1					
	OVS	0	eP	22	10	7				iS	23.3		12			1						
	HMJ	0	eP	22	14	4				eS	16.0											
	TTR	1	eP	22	16	2				iS	20.8	30	33	16	1	1	1					
	WKYM	0	P	22	16	8				S	19.8	71	27		1	1						
	OKYM	0	eP	22	22	2				eS	24.0	20	17	10	2	1						
	SMSK	0	eP	22	24	5				eS	26.2	8	11	12	1	2	2					
	TKMT	0	iP	22	27	1	+4	+4	-3	iS	26.1	33	20	11	1	1	1					
	TKSM	0	eP	22	27	5				eS	18.0											
	YNG	0	eP	22	30	5				eS	27.3											
	MRTM	0	eP	22	34	7				S	44.0		6				2					
	KOCH	0	eP	22	41	4				eS	34.9	6	5		2	2						
	HRSM	0	eP	22	46	0				eS	41.3	8	4	8	2	1	1					
	MTYM	0	eP	22	46	4				eS	43.5	9										
	SMZ	0	eP	23	34	4																
6	WKYM	0	P	16	49	00.7				S	1.8	25	12		1	1						
6	WKYM	1	P	17	03	05.5				S	1.0	19	14		1	1						
7	TRGS	2	P	02	53	30.9				S	1.9										徳島県西部 W part of Tokushima Pref.	
	TKSM	0	iP	53	38	7	-5	-6	-5	iS	5.8											
	TKMT	1	iP	53	41	2	+2	-2	+4	iS	5.6	27	30	25	0	0	0					
	WKYM	0	P	53	44	2				S	13.0	7	5		1							
	OKYM	0	iP	53	47	7	(+)			iS	10.4	11	10		1	1						
	KOCH	0	iP	53	48	4	+1	+1	(-)	iS	11.9	7	8	5	0	0	0					
	MRTM	0	iP	53	49	3				iS	9.7		6			0						
	TYOK	0	eP	54	04	1				eS	19.5	10	13		1	1						
	OSK	0	X	54	16	4						6	6	2	2	2	1					
7	OSK	0	X	05	28	24.3								22	16	5	4	5	3			

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks	
							p-Pha			Period(sec)						
							N	E	Z	N	E	Z				
7	OSK	0	X	12 38 26.8				11	14	3	7	6	4			
7	WKYM	0	P	23 51 45.6		S	0.7	14	12	8	1					
8	OSK	0	X	21 30 02.1				6	7		4	4				
8	WKYM	0	P	22 49 11.2		S	1.0	7								
11	WKYM	1	P	22 14 02.8		S	1.2	21	12		1	1				
15	HMD	0	P	01 01 35.2	-5 +14 +23	S	8 26.9	32	26	27	9	7	7	i X	6 39.9	ヒンズー クシ山脈 Hindu- kush Range 36.3°N { 70.7°E 219 Km (USCGS)
	HRSM	0	P	01 01 38.5	-4 +9 +16			14	27	31	11	13	8			
	MTYM	0	i P	01 01 41.6	+11 +17	e S	8 21.0	19	14							
	SMZ	0	e P	01 01 46.2				5	9	21	6	8	9	e X	6 58.1	
	TYOK	0	i P	01 01 47.9	-5 +13 +18			20	15	29	5	8	7			
	TKMT	0	e P	01 01 48.7		e S	8 16.9	23	19	33	7	7	6	SCS	9 23.3	
	KOCH	0	i P	01 01 50.9	-4 +14			48	28	33	10	15	5	e X	6 59.0	
	TKSM	0	e P	01 01 53.5												
	MRTM	0	i P	01 01 54.9	-6 +13 +8	S	7 02.9	23	15	24	10	3	7			
	KOB	0	e X	01 01 55.-												
	OSK	0	i P	01 01 56.0	+8	S	7 06.8	75	95	78	6	5	6			
	WKYM	0	e P	01 01 57.5		e S	7 03.3	9	5		11	7				
	NR	0	e X	01 01 58.0												
	SMSK	0	e P	01 01 59.1		e S	7 12.2	23	25	32	10	7	7	e X	8 40.9	
	KMYM	0	i P	02 02 00.0	-5 +18 +33			33	33	57	6	6	6	X	8 35.4	
	HKN	0	i P	02 02 00.8	(+)+9 +28	i S	7 08.4	26	12	33	3	3	5			
15	WKYM	1	P	04 47 16.9		S	0.9	9	15		1	1				
16	WKYM	0	P	01 28 26.3		S	3.3	6	4		1	1				
16	KMYM	0	e P	08 17 16.5		i S	10.4	10	14	7						
	HKN	0	P	17 17.2		i S	4.7	25	14	9	1	1	1			
16	WKYM	0	P	22 08 33.7		S	0.6	8	4		1	1				
17	HKN	0	e P	01 48 08.5		e S	1 34.6	92	62	33	2	3	3		青森県 東方沖	
	MIZR	0	e P	48 14.2		i S	1 33.1									

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks	
							p-Pha			Period(sec)						
							N	E	Z	N	E	Z				
	TYOK	0	P	48 16.7	-5 -6 +4	e S	1 41.4	27	27	29	19	16	15		Off E coast of Aomori Pref. 40.6°N { 143.2°E 40 Km (JMA)	
	KMYM	0	e P	48 17.2		i S	1 31.0	200	190	85	4	4	4			
	NR	0	e P	48 17.9		S	1 47.6									
	KOB	0	e X	48 21.-												
	TTR	0	e P	48 23.4		e S	1 40.6									
	SIG	0	P	48 27.7												
	OSK	0	P	48 27.8		e S	1 41.7	230	270	100	5	5	4			
	WKYM	0	e P	48 32.4		e S	1 49.1	16	5		1	1				
	TKMT	0	e P	48 32.9		e S	2 04.6	20	28		4	15				
	TKSM	0	e P	48 34.9		e S	1 44.8									
	MTE	0	e P	48 35.8		S	1 50.7									
	SMSK	0	e P	48 37.0		e S	1 46.3	41	47	22	3	4	4			
	KOCH	0	e P	48 44.9	+2 +2 +2	e S	2 13.1	74	26		5	5				
	HMD	0	P	48 47.4	-2 -3	e S	1 46.1	35	17	20	12	13	12	i X	2 22.2	
	MTYM	0	e P	48 48.5		-3 e S	2 15.0	11	17	26	13	18	14			
	HRSM	0	P	48 49.2	+3 +4	S	2 06.1	16	22	19	4	16	15			
	MRTM	0	e P	48 52.0		e S	2 00.1	44	43		19	17				
	UWJM	0	e P	48 54.0		e S	2 03.2									
	SMZ	0	e P	48 57.3				17	24		15	16		e X	2 02.4	
17	HMD	(1)	e P	07 23 20.1		e S	2.1	8	12	6	0	0	0			
19	WKYM	2	P	05 43 42.7		S	0.9	210	77	45	1	1				
20	TKSM	1	e P	00 04 08.0		+1 i S	5.4	50	55	24	1	0	0		徳島県南東 岸 S E coast of Tokushima Pref. 33.7°N { 134.5°E 20 Km (OMO)	
	MRTM	0	i P	04 09.4		i S	6.3	31	39		1	1				
	WKYM	0	P	04 13.0		S	9.6	50	35	23	1	1				
	KOCH	0	i P	04 13.9	+2 +6	i S	10.8	11	8	5	1	1	0			
	SMSK	0	e P	04 18.9		e S	13.1	14	16	10	0	0	0			
	OKYM	(1)	i P	04 20.4		i S	16.0									
	KOB	0	e P	04 20.7		e S	16.1									

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)					
								N	E	Z	N	E	Z			
	MTYM	0	eP	04 25.8		eS	19.5									
	TYOK	0	iP	04 33.7				18	13	8	1	1	11			
	OSK	0	eX	04 40.3						10			2			
	HKN	0	eP	04 42.4		eS	24.0	11	9	4	1	1	1			
20	KMYM	0	eP	15 31 49.1		S	21.8	8	8		1	2				
	HKN	0	eP	31 50.4		eS	28.1	14	15		1	1				
21	HRSM	0	eP	20 15 18.0		eS	5 46.0	8	4	4	6	6	3			
	SMZ	0	eP	15 16.1		eS	5 33.4									
	KMYM	0	eP	15 30.5		S	5 43.7	13	14		7	5				
	OSK	0	iX	15 36.2		eS	5 37.3	23	37	8	5	5	3			
	TYOK	0	P	15 37.5		S	5 51.0	7	7		7	6				
	HKN	0	eP	15 48.2				8	5	4	1	1	2			
21	HKN	0	iP	21 42 27.8		-35 S	31.8	60	30	31	1	2	1			石川県中部 Central part of Ishikawa Pref. 36.4°N { 136.7°E 270Km (OMO)
	KMYM	0	iP	42 30.6	+9 +6 -57	iS	32.4	31	31	50	3	3	1			
	NR	0	iP	42 33.2		-21										
	OSK	0	iP	42 34.3		-29 iS	36.7	24	32	27	2	2	1			
	TYOK	0	iP	42 34.3	+9 +20 -32			35	35	21	1	1	2			
	KOB	0	eX	42 35.0												
	TTR	0	iP	42 36.8	+2 +6 -12											
	WKYM	0	iP	42 38.5		iS	38.9	18	9		1					
	TKMT	0	iP	42 41.6	+6 +7 -8	iS	42.8	9	9	9	1	1	2			
	TKSM	0	eP	42 44.8		eS	40.0									
	MRTM	0	iP	42 52.3	+2 (+) -3	iS	49.8		9			2				
	KOCH	0	iP	42 53.9	+2	iS	50.5	7	9		4	3				
	MTYM	0	iP	42 56.7	+1 +3 -3	eS	49.5									
22	WKYM	0	P	22 40 32.9		S	0.7	9								
24	HMD	0	eP	17 41 38.1		eS	1.6	8	12	4	0	0	0			
25	SMSK	0	eP	03 11 18.0		eS	5.9	10	10	4	0	0	0			

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)					
								N	E	Z	N	E	Z			
	WKYM	0	eP	11 21.1		eS	71	10	3	8	1	1	1			
27	SMZ	0	eP	20 00 24.2		eS	8.2									
28	SMZ	0	eP	17 41 38.9		eS	14.5	9	8		2	1			日向灘 Off E coast of Miyazaki Pref 31.6°N { 132.0°E 40 Km (JMA)	
	UWJM	0	eP	41 43.8		S	14.9									
	MTYM	0	eP	41 52.3		eS	28.5	10	9							
	KOCH	0	iP	41 56.1		iS	24.4	5	6		2	2				
	HRSM	0	eP	42 07.3		eS	32.3	3	8	4	3	3	2			
	HMD	0	eP	42 09.7		eS	38.0	5	8	4	3	4	3			
	TKMT	0	eP	42 12.0		eS	49.8	6	6		1	1				
	TRGS	0	eP	42 18.5												
	TKSM	0	eP	42 31.4		eS	50.0									
	OSK	0	eX	43 08.7				13	13	7	3	3	3			
29	HRSM	0	X	01 53 07.2							1	5	3	3	5	17
	KMYM	0	eP	53 22.2							5	8	20	6	5	5
	OSK	0	iX	53 39.6							19	18	13	5	5	5
	KOCH	0	eP	53 46.8							4		25			
29	KMYM	0	P	19 49 32.2	+4 +4 -3	S	1 37.5	180	210	68	6	6	3		青森県東 方沖 Off E coast of Aomori Pref 40.8°N { 143.1°E 40 Km (JMA)	
	HKN	0	P	49 32.4		eS	1 38.7	87	65	40	3	2	3			
	NR	0	eP	49 37.4		eS	1 42.0									
	TYOK	0	iP	49 38.6	-7 -11 +10			31	40	22	1	1	19	X 1 338		
	OSK	0	P	49 40.2	+4	iS	1 39.6	230	250	91	4	3	3			
	KOB	0	eX	49 43.-												
	TTR	0	eP	49 44.3		eS	1 43.4									
	WKYM	0	eP	49 49.0		eS	1 47.9	36	14		3	3				
	SMSK	0	eP	49 51.3		eS	1 45.5	29	51	19	6	5	4	eX 2 14.6		
	TKSM	0	eP	49 53.8		eS	1 48.5									
	TKMT	0	eP	49 54.6		eS	2 21.0	11	13	5	18	17	3			
	MTE	0	eP	49 55.0		S	1 53.4									

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						Pha.	p~Pha. m s	Remarks
								AmP.(μ)			Period(sec)					
								N	E	Z	N	E	Z			
	MTYM	0	eP	49 57.0		eS	2 04.5	14	19	14		17	13			
	TRGS	0	P	49 57.4												
	MRTM	0	eP	50 03.1		S	2 09.3	35	35		8	8				
	KOCH	0	eP	50 06.6	-3 -2 +3	eS	2 15.0	55	32	17	6	7	7			
	HMD	0	P	50 07.6	-4 -6 +5	eS	1 44.9	19	15	13	15	6	6	iX	1 26.3	
	HRSM	0	P	50 08.0	-2 -2 +1	S	2 07.0	18	20	12	7	17	4			
	SIG	0	P	50 13.9	-8 -10											
	UWJM	0	eP	50 18.2	(-) (-)	eS	2 17.5									
	SMZ	0	eP	50 18.6		eS	2 25.2	12	15		19	15				
30	WKYM	0	P	05 38 56.6		S	2.1	30	7		1					
30	HKN	0	eP	11 33 48.5		S	5 20.5	72	59	43	14	14	17			
	KMYM	0	P	33 49.9		S	5 17.1	66	51		13	12				
	NR	0	eP	33 50.9												
	OSK	0	P	33 52.3		+4 iS	5 34.1	79	100	52	12	8	4	L	7 58-	
	KOB	0	eX	33 54.-												
	TYOK	0	eP	33 54.7		S	5 25.6	95	53	31	16	16	16			
	TTR	0	eP	33 56.2		eS	5 37.0	10	10		15	15				
	WKYM	0	eP	33 59.6		eS	5 39.9	54	38		17	14				
	SIG	0	P	34 00.1	-8 -10	S	5 31.7									
	SMSK	0	eP	34 00.7		eS	5 31.4	59	70	18	12	12	4	eX	7 43.5	
	TKMT	0	eP	34 01.7		eS	5 39.6	47	37	16	18	11	12			
	MTE	0	P	34 05.1		S	5 37.8									
	TRGS	0	P	34 07.2		S	5 36.0									
	MRTM	0	P	34 09.2		eS	5 40.9	68	47	17	14	15	13			
	KOCH	0	eP	34 09.6	+2 +2 -2	eS	5 43.2	49	47	42	12	15	13			
	HMD	0	P	34 10.3	+2 +3 -4	S	5 41.6	52	40	26	15	18	11	eX	1 20.0	
	HRSM	0	iP	34 10.4	+6 +3 -4	iS	5 49.4	71	65	19	7	7	8			
	MTYM	0	eP	34 11.8		eS	5 39.7	45	50	28	16	13	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						Pha.	p~Pha. m s	Remarks
								AmP.(μ)			Period(sec)					
								N	E	Z	N	E	Z			
	UWJM	0	eP	34 17.0		eS	5 37.-									
	SMZ	0	eP	34 19.6		eS	5 45.6	42	28	36	12	12	14			
30	HKN	0	P	21 11 18.3		iS	35.4	61	87	21	4	4	4		若狭湾 Off coast of Fukui Pref. 35.3/4°N { 135.1/2°E 350 Km (OMO)	
	NR	0	eP	11 18.7		iS	37.0									
	OSK	0	P	11 18.8		+1 iS	37.4	130	120	44	4	3	2			
	TYOK	0	eP	11 18.9		S	34.6	20	25		1	1				
	KMYM	0	iP	11 20.8	+1 -5	iS	36.6	87	110	32	3	3	2			
	WKYM	0	P	11 21.2		S	36.6	59	24		1	1				
	TKMT	0	eP	11 22.2		iS	40.8	25	25	4	3	3	4			
	TKSM	0	eP	11 22.9		iS	40.2									
	YNG	0	iP	11 24.2	-2	iS	39.6									
	TRGS	0	P	11 24.3		S	40.0									
	SMSK	0	eP	11 24.9		iS	42.5	38	27	5	4	4	3			
	MTE	0	eP	11 27.3		S	38.8									
	MRTM	0	iP	11 30.2	-4 -1 +12	iS	46.1	27	34	13	2	2	2			
	KOCH	0	iP	11 30.5	-2 -3 (+)	iS	45.8	31	34		4	4				
	HMD	0	P	11 31.0	+1 +1 -4	eS	44.0	13	18	6	3	4	5			
	HRSM	0	eP	11 31.3		iS	46.6	14	25	11	4	4	4			
	MTYM	0	eP	11 33.5		iS	46.0	19	26	8						
	UWJM	0	P	11 37.6	(-) (-)	iS	51.0									
	SMZ	0	eP	11 38.9		eS	52.5	6	20		3	2				
31	WKYM	0	P	08 02 30.5		S	1.5	31	5		1					
31	HKN	0	eP	01 01 27.7		eS	1 43.2	7	5	4	2	2	3			
	KMYM	0	eP	01 36.6		S	1 24.8	10	13	5	4	4	3			
	OSK	0	eP	01 51.0		S	1 43.2	17	15	7	3	4	3			
31	OSK	0	eP	19 00 00.0		S	10 16.3	8	10	16	5	5	3			

Report of Earthquakes

Station not equipped with Seismograph

昭和40年3月

Mar. 1965

Date	Station		Prefecture	S.I.	Time	Character of tremor	Eartquake Sourd	Duration of tremor
					(J.S.T.)			
1	Hachiman	八 幡	Shiga	II	03 ^h 50 ^m			
	Adogawa	安曇川	◇	II	52			
	Kitakomatsu	北木松	◇	II	52			
	Echigawa	愛知川	◇	II	53			
	Ichiba	市 場	◇	II	53			
	Chikubuzima	竹生島	◇	II	53			
	Minakuchi	水 口	◇	I	50			
	Aburahi	油 日	◇	I	53			
	Ayabe	綾 部	Kyōto	I	53	R		S
6	Nakanogō	中之郷	Shiga	III	01 23			
	Chikubuzima	竹生島	◇	II	20			
	Ichiba	市 場	◇	II	22			
11	Higashinogami	東野上	Wakayama	II	22 14	R	heard	S
16	Ichiba	市 場	◇	II	08 17			
16	Higashinogami	東野上	◇	I	22 09	R	heard	S
20	Hiwasa	日和佐	Tokushima	II	00 04	R		S
31	Syōbara	庄 原	Hiroshima	I	21 09	SL		S

Number of earthquakes

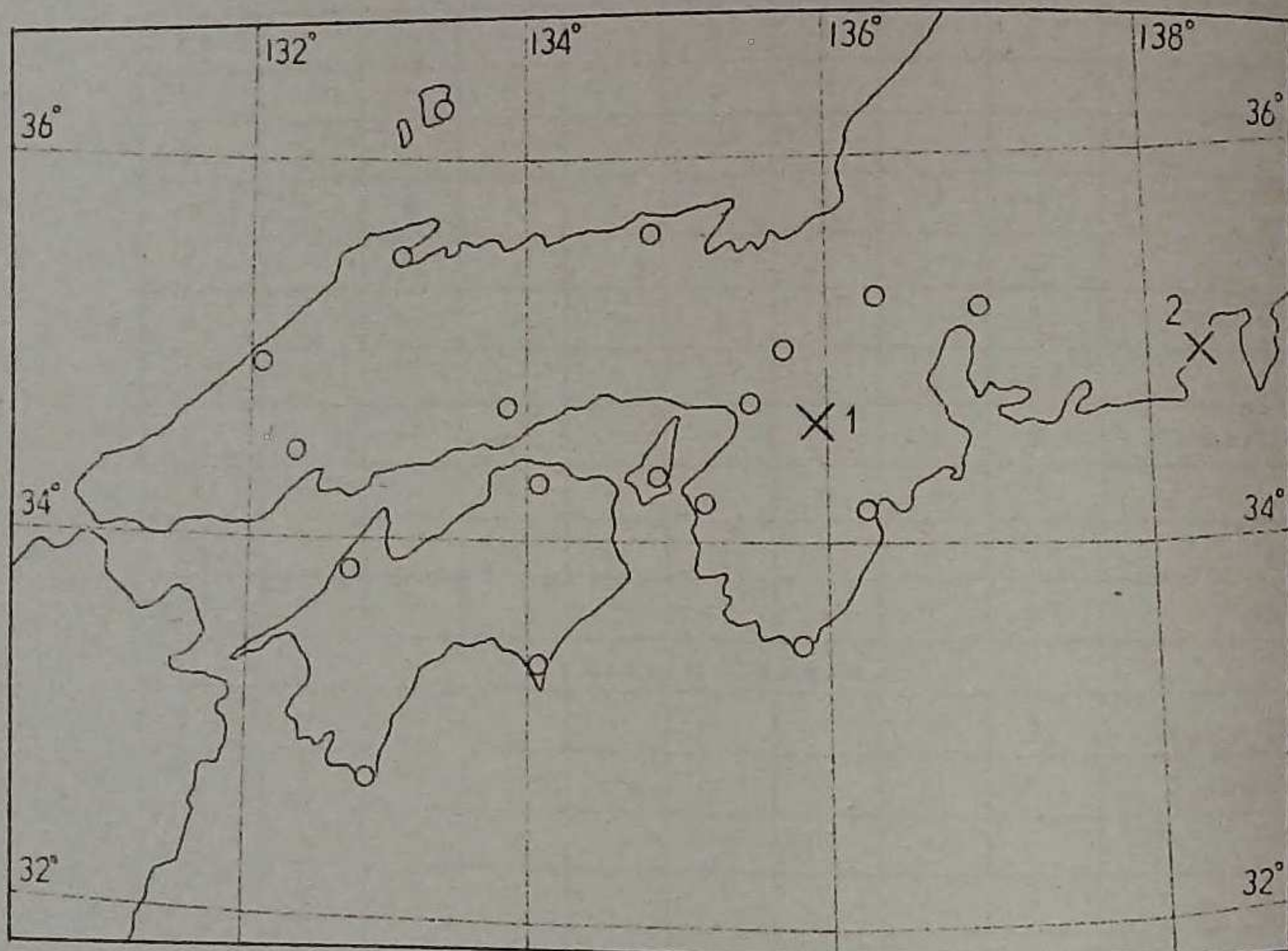
Apr. 1965

Station	S.I.	O	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		13	—	1	1	—	—	—	—	15
Himeji		2	—	—	—	—	—	—	—	2
Kōbe		6	—	—	—	—	—	—	—	6
Kyōto		*	*	*	*	*	*	*	*	*
Maizuru		2	—	—	—	—	—	—	—	2
Nara		5	—	2	1	—	—	—	—	8
Ōsaka		19	2	—	—	—	—	—	—	21
Shionomisaki		8	1	—	—	—	—	—	—	9
Sumoto		*	*	*	*	*	*	*	*	*
Toyooka		14	—	1	—	—	—	—	—	15
Wakayama		18	5	1	—	—	—	—	—	24
Chūgoku District										
Hamada		5	—	—	—	—	—	—	—	5
Hiroshima		3	—	—	—	—	—	—	—	3
Matsue		2	—	—	—	—	—	—	—	2
Okayama		4	—	—	—	—	—	—	—	4
Saigō		1	—	—	—	—	—	—	—	1
Tottori		4	—	—	—	—	—	—	—	4
Yonago		3	—	—	—	—	—	—	—	3
Shikoku District										
Kōchi		8	—	—	—	—	—	—	—	8
Matsuyama		5	—	—	—	—	—	—	—	5
Murotomisaki		8	—	—	—	—	—	—	—	8
Shimizu		5	—	—	—	—	—	—	—	5
Takamatsu		8	—	—	—	—	—	—	—	8
Tokushima		9	—	—	—	—	—	—	—	9
Tsurugisan		—	—	—	—	—	—	—	—	0
Uwajima		1	—	—	—	—	—	—	—	1

* no observation

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku

Apr. 1965



No.	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		Depth
1	6	18 ^h 59 ^m	奈良県北部 N part of Nara Pref.	34.6°N	135.9°E	60 ^{Km}	II
2	20	08 42	駿河湾 Coast of Shizuoka Pref.	34.9	138.4	40	IV

Date	Station	S.I.	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	Max. Amplitude						Pha.	p~Pha.	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
2	WKYM	1	P	12 14 17.6		S	1.2	82	66	46	1	1	1		
3	WKYM	0	P	01 58 31.8		S	0.8	9			1				
3	SMSK	0	eP	03 12 21.4		S	2.8	7	7		0	0			
3	WKYM	2	P	07 49 02.1		S	1.7	440	220	120	1	1	1		和歌山県 中部 N part of Wakayama Pref. 34.2°N { 135.2°E 5Km (OMO)
	OSK	0	eP	49 11.1		iS	6.5	9	16	5	0	0	0	iX	5.3
	NR	0	eP	49 13.7		eS	8.6								
	TKSM	0	iP	49 14.5		eS	7.9								
	TKMT	0	eP	49 19.1		iS	15.4	13	8	3	1	1	1		
	KMYM	0	iP	49 23.5	-3 -2	eS	14.2	8	7	8	1	1	1		
	HKN	0	eP	49 27.6		eS	15.3	8	9	3	1	1	1		
	TYOK	0	X	49 44.2				35	10		1	1			
4	HKN	0	eP	19 24 39.5		eS	11.8	7	7	3	1	1	1		
4	OSK	0	iX	22 37 22.1				9	8	7	4	4	3		
5	HKN	0	P	22 55 37.6				7	6	5	2	1	2		
	TYOK	0	P	55 45.4				11	9	3	1	1	1		
	OSK	0	eP	55 46.3		S	2 47.1	11	15	5	4	4	3		
	HMD	0	eP	56 12.1		eS	3 22.0	3	12	4	3	3	5		
6	HKN	0	P	14 32 48.5		eS	36.0	210	250	92	1	2	1		茨城県西 部 W part of Ibaraki Pref. 36.1°N { 139.9°E 60 Km (JMA)
	KMYM	0	eP	32 50.7		iS	45.2	89	84		2	4			
	NR	0	eP	32 54.1		eS	43.0								
	OSK	0	eP	33 03.0		S	45.2	210	180	100	2	2	2		
	TYOK	0	eP	33 03.6		eS	55.6	140	110	26	1	1	1		
	SMSK	0	eP	33 07.7		eS	55.6	22	19	12	2	2	2		
	TTR	0	eP	33 10.8		eS	58.9	13	10	10	1	1	1		
	WKYM	0	eP	33 11.6		eS	49.0	63	29		2	1			
	TKSM	0	eP	33 13.3		iS	53.6								
	TKMT	0	eP	33 14.2		eS	1 09.3	21	13	7	1	2	2		
	OKYM	0	eP	33 15.3		iS	1 00.0	15	12		2	2			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p~Pha. m s	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
	KOB	0	eX	33 16.-											
	HMJ	0	eP	33 17.2		eS						58.3			
	YNG	0	iP	33 20.2		(-) eS	1					03.4			
	MRTM	0	eP	33 21.9		S	1	08.6	12	10		4	2		
	MTE	0	eP	33 26.5		eS	1	18.9							
	KOCH	0	eP	33 28.3		eS	1	07.9	11	8	12	2	3	2	
	HRSM	0	eP	33 30.7		eS	1	43.0	7	5	9	2	3	3	
	MTYM	0	eP	33 34.3		eS	1	15.7	11						
	HMD	0	eP	33 36.2		S	1	37.0	10	5	5	5	3	2	
	SMZ	0	eX	35 47.3											
6	OSK	0	eX	18 49 44.6					13	14	3	5	5	5	eX 1 39.5
6	NR	2	iP	18 59 40.5		iS		7.1							奈良部
	OSK	1	eP	59 42.6		S		7.5	40	43	14	1		0	N part of Na Pref.
	KMYM	1	iP	59 43.0	+3 +5 +18	iS		8.6	31	43	32				34.
	HKN	0	P	59 45.8		iS		9.8	85	93	62	1	1	1	{ 135.
	WKYM	0	eP	59 45.8		eS		12.7	22	15	12	1	1	2	60
	KOB	0	eP	59 46.0		eS		10.4							(OMO)
	SMSK	0	eP	59 52.3		iS		13.9	19	22	13	1	0	1	
	TYOK	0	eP	59 54.5	(-) (+)	S		17.0	24	23	10	1	1	1	
	TKSM	0	iP	59 56.6	-1 -3 +3	iS		14.6							
	TKMT	0	eP	59 56.9		iS		20.0	30	17	18	0	1	0	
	OKYM	0	iP	59 58.9	(-)	iS		20.2	35	50	15	1	1		
6	WKYM	0	P	22 10 59.2		S		0.5	10			1			
8	SMSK	0	eP	05 24 00.0		eS		4.1	8	8	4	0	0	0	
8	TTR	0	P	20 05 28.0		iS		0.0	13	11	5	0	0	0	
9	HKN	2	iP	17 29 05.3	-5 -16 +56	S		5.9	300	210	430	1	1	1	
	KMYM	2	iP	29 06.7	+8 -3 -33	iS		7.2	520	320	130				
	NR	2	iP	29 13.0	+2 -8	iS		10.7							岐阜部

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p~Pha. m s	Remarks	
							Amp. (μ)			Period(sec)						
							N	E	Z	N	E	Z				
	MIZR	0	iP	29 14.8	-2 -4 +2	eS							12.9		S part of Gifu Pref. 35.3°N { 136.7°E 40 Km (OMO)	
	OSK	0	P	29 15.8		+1 S							14.1	73 110 60		1 1 1
	KOB	0	eX	29 18.9												
	TYOK	0	eP	29 21.3		iS							16.9	110 53 70		1 1
	WKYM	0	eP	29 25.1		eS							22.7	43 14		1 1
	SMSK	0	eP	29 28.4		eS							24.4	12 13 9		1 1 1
	TKMT	0	eP	29 31.6		eS							23.1	10 6 6		1 1 1
	TKSM	0	eP	29 31.9		iS							30.6			
	TTR	0	eP	29 35.2		eS							27.4	11 10 6		2 1 1
	MRTM	0	eP	29 53.9		S							18.0	5 6		2 2
	YNG	0	eS	30 19.8												
9	TYOK	0	eP	23 33 08.1		iS	1	05.1	28	6		2	1			
	KMYM	0	eP	33 12.8		+5 iS		39.3	13	4		3	4			
	OSK	0	P	33 14.8		+6 S		42.6	28	23	8	4	4	3		
	HKN	0	P	33 15.1		iS		41.6	20	7	6	2	2	2		
	MRTM	0	iP	33 23.5		-2 +5 S		46.8	5			3				
	TKMT	0	eP	33 23.6		eS		48.9	5	7	3	1	1	1		
	KOCH	0	eP	33 27.2		-3 eS		52.9	6	4		4	4			
12	WKYM	0	P	17 51 06.1		S		1.2	11							
12	HKN	0	eP	20 23 07.4		eS		52.9	11	5	4	1	2	2		
12	OSK	0	X	20 24 33.1					12	9	5	2	3	2	iX 2.3	
13	MRTM	0	P	00 44 01.9		iS		25.5	6			0				
13	HKN	0	P	00 51 27.0		eS		36.5							茨城県南西部	
	NR	0	eP	51 40.0		eS		43.0							SW part of Ibaraki Pref.	
	TYOK	0	eP	51 41.9					72	49	12	1	1	1		
	OSK	0	eP	51 49.0		S		48.1	93	80	40	3	3	2		
	KOB	0	eX	51 52.-											{ 36.1°N	
	TKSM	0	eP	51 57.4		eS		54.4							{ 139.9°E 60 Km (JMA)	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	p~Pha.		Max. Amplitude						Pha.	p~Pha.	Remarks
							m	s	Amp.(μ)			Period(sec)					
									N	E	Z	N	E	Z			
	WKYM	0	eP	52 04.8		eS		482	12			1					
	KOCH	0	eP	52 09.2					3	5	3	3	3	eX	1	32.6	
	SMZ	0	eP	53 59.8													
13	TKSM	0	eP	01 09 00.8		iS		5.7									
13	SMSK	0	eP	05 42 33.9		eS		58.7	10	15	3	2	3	1		鳥島近海 Far S off Honshū 31.3°N { 139.0°E } 520 Km (JMA)	
	OVS	0	iP	42 35.8		S	1	01.6	10	7	5	3	3	4			
	NR	0	eP	42 43.9		eS	1	04.8									
	OSK	0	P	42 45.2		S	1	08.3	67	52	26	5	5	4			
	KOCH	0	eP	42 47.7		eS	1	04.5	4	3		3	2				
	HKN	0	P	42 47.7		S	1	10.5	67	53		3	2				
	TYOK	0	P	42 54.6	(+)(-)(+)	S	1	17.6	24	13	3	4	4				
	HRSM	0	eP	43 00.3	-1+1-1	eS	1	21.2	8	10	3	4	5	2			
	HMD	0	P	43 06.6	+1	eS	1	18.0	10	12	4	3	4	3			
	MTYH	0	eP	43 21.6		eS	1	15.8									
13	HKN	0	eP	12 51 21.5		eS		40.5	10	11	5	1	1	2			
	OSK	0	eX	52 26.5					14	9	5	2	2	2			
13	WKYM	0	P	21 50 36.1		S		1.2	7								
14	SHSK	1	eP	06 02 03.0		S		6.7	68	49	15	0	0	1		和歌山県 中部 Central part of Wakayama Pref.	
	WKYM	0	P	02 05.7		S		10.6	42	41	13	1	1				
	MRTM	0	iP	02 09.4		+2 eS		11.4	7	6		3	1				
	TKMT	0	eP	02 14.7		eS		13.1	8	5		1	1				
	OSK	0	eX	02 36.9							13			3			
15	OVS	1	P	06 18 09.0	-9 +4	S		4.0	120	43						三重県南 岸 S coast of Mie Pref.	
	SMSK	0	P	18 16.0		iS		8.7	34	32	14	0	1	2			
	NR	0	eP	18 19.7		iS		10.7									
	OSK	0	eP	18 21.2		iS		12.3	24	30	17	1	1	2			
	WKYM	0	eP	18 21.4		eS		11.2	23	11	6	1	1				
	KOB	0	eX	18 27		eS		13									



Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	p~Pha.		Max. Amplitude						Pha.	p~Pha.	Remarks
						m	s	Amp.(μ)			Period(sec)					
								N	E	Z	N	E	Z			
HKN	0	P	18 28.2		S		16.9	15	11	4	1	1	1		33.9°N { 136.3°E } 20 Km (OMO)	
TKMT	0	eP	18 34.3		eS		23.2	4	5	3	1	1	1			
TYOK	0	X	19 00.9					21	13		1	1				
TKSM	0	eP	06 44 29.2		eS		21.9									
WKYM	0	P	00 01 24.9		S		1.0	11								
WKYM	1	P	06 15 06.2		S		0.6	65	62	38	1	1	1			
WKYM	0	P	19 02 11.8		S		0.8	28	8		1	1				
OKYM	0	iP	02 55 30.5		iS		6.3									
NGY	1	P	08 08 44.8		-2 S		10.4	25	36	17	0	0	0			
HKN	0	P	08 56.4		S		16.4	19	11	6	1	1	1			
NGY	3	P	08 42 18.4	-72 +263 -72	S		16.4	1700	3200	1000	3	3	2		駿河湾 Coast of Shizu- oka Pref. 34.9°N { 138.4°E } 40 Km	
HKN	3	iP	42 28.9	+26 -58 +46	iS		20.0	2300	1800	800	1	1	1			
OVS	0	iP	42 29.0	-6 -14 (+)	S		30.8	200	150	93	3	2	2			
NR	3	iP	42 31.3	-11 +9	S		25.4	1000	1400	1200	2	1	1			
OSK	1	iP	42 35.6		S		22.6	1800		800	3		2			
SMSK	0	P	42 36.9	-8 -9 +5	S		29.1	130	170	72	4	6	2	eX		451
MIZR	0	iP	42 38.2	+2 -2 +6	iS		34.6	200	400	800	3	4	4			
KOB	0	eP	42 40.0	+2 -9 +6	iS		41.1	300	300	200	1	1	1			
WKYM	1	iP	42 40.4	-4 -15 +8	S		31.9	480	190	63	1	1	1			
TYOK	2	iP	42 43.5	+4 -12 +4	eS		36.8	1900	500	340	1	1	1			
HMJ	0	eP	42 44.3		eS		37.2									
TKSM	0	eP	42 49.7	-2	iS		39.0	430	300	130	2	2	2			
TTR	0	P	42 50.3		iS		56.8	150	140	150	2	2	2			
TKMT	0	iP	42 52.2	-2 -8 +1	eS		40.8	170	84	69	1	1	3			
OKYM	0	eP	42 53.7	(-) (+)	eS		51.4	81	50	50	1	1	2			
MRTM	0	eP	42 56.7		eS		46.7	160	120	70	4	4	3			
KOCH	0	eP	43 01.2		iS		55.1	71	89	54	3	4	2			
MTYM	0	eP	43 08.0		eS	1	03.0	220	72	58						

Date	Station	S.I.	Pha.	Time (J.S.I.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p~Pha. m s	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
	MTE	0	eP	43 09.2		i S	1	06.2							
	YNG	0	eP	43 09.8		e S		47.6							
	HRSM	0	eP	43 10.6	-1 -4 +3				82 46 59	4 5 4	e X	47.1			
	SMZ	0	eP	43 11.7		e S	1	28.3	40 38	4 4					
	UWJM	0	eP	43 13.1		e S	1	08.1							
	HMD	0	eP	43 15.1	-4 +4	S	1	12.9	120 97 91	5 5 3					
	SIG	0	eX	43 38.1		e S		36.8							
20	OSK	0	X	15 57 40.5					11 11 5	4 4 3					
21	KOCH	0	i P	21 34 20.1	+2	i S		3.2	4 5	0 0					
23	WKYM	1	P	08 44 29.6		S		0.9	37 41 23	1 1 1					
23	WKYM	0	P	15 31 01.8				1.0	13 13	1 1					
23	MRTM	0	i P	15 47 55.8	+3 +2	i S		5.0	13 12 8	1 0 1					
	TKSM	0	eP	47 59.4		e S		6.4							
	KOCH	0	i P	48 03.1	+1 +2 -1	i S		9.9	3 4 3	1 1 1					
25	OSK	0	eP	07 00 33.1		e S	4	20.6	14 19 5	5 5 4					
25	OWS	0	eX	10 03 03.0											
	MRTM	0	eX	03 10.7					4 6	3 3					
	KOCH	0	eX	03 17.4					5 7	3 3					
	OSK	0	eP	03 18.3		S	2	26.6	25 16 8	5 5 2					
	TYOK	0	eP	03 34.2					8 3	15	e L	4 42.6			
26	WKYM	1	P	01 29 26.8		S		0.8	17 14	1 1					
26	MTYM	0	eP	06 29 53.4		e S	1	15.0	11						
	TYOK	0	eP	30 02.0					13 13	1 1	X	1 44.5			
	SMZ	0	eP	30 03.4											
	HMD	0	eP	30 11.5		e S	1	06.2	4 6 4	4 3 3	e X	36.3			
	OSK	0	eX	30 32.6		S	1	50.9	18 2 10	3 4 3					
26	WKYM	0	P	10 04 40.6		S		1.5	27 21 10	1 1 1					
27	WKYM	0	P	02 30 48.4		S		0.7	17 19 9	1 1 1					

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p~Pha. m s	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
27	OSK	0	eP	07 20 03.2											
	TYOK	0	P	20 05.8					13 7	1 1	e L	4 48.9			
	HKN	0	P	20 14.3		S	3	40.0	10 12 7	3 4 2					
	NGY	0	P	20 15.6	+2 +1 -2	S		12.8			X	3 51.4			
28	SMZ	0	eP	20 27 50.5											
29	WKYM	0	P	08 31 08.7		S		1.0	10 10	1 1					
	OWS	0	P	32 08.6		S		0.4	23 12 4						
29	OWS	0	P	14 14 52.8		S		0.6	7 4 2						
29	WKYM	0	P	14 16 50.5		S		1.0	7 10	1 1					
30	NGY	0	P	00 40 00.9	+7 +6 -8				8 7 4	3 3 3					
	TYOK	0	P	40 06.0	(+) (+) (-)				13 7 10	4 4 4					
	OSK	0	X	40 08.2						27					
	MTYM	0	i P	40 19.0	(+) (+) (-)	e S		9 36.8		10					
30	WKYM	0	P	14 58 38.2		S		0.7	9 12	1 1					

Report of Earthquakes

Station not equipped with Seismograph

昭和40年4月

Apr. 1966

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
2	Sakasu 坂州	Tokushima	III	05 ^h 10 ^m	R		S
3	Higashinogami 東野上	Wakayama	III	07 49	R	heard	S
6	Aburahi 油日	Shiga	I	18 59			
	Minakuchi 水口	"	I	19 00			
	Ōji 王寺	Nara	I	00	R		VS
9	Nakanogō 中之郷	Shiga	II	17 28			
	Aburahi 油日	"	II	29			
	Mandokoro 政所	"	II	29			
	Minaminosyo 南之庄	Nara	II	29	R		S
	Minakuchi 水口	Shiga	II	30			
	Ōji 王寺	Nara	I	29	R		VS
	Ōtsu 大津	Shiga	I	29			
Kitakomatsu 北小松	"	I	32				
13	Ichikano 市鹿野	Wakayama	I	06 20	R		S
14	Kibi 吉備	"	II	06 03	VR		VS
	Kiyokawa 清川	"	I	00	R		S
	Shirakama 白浜	"	I	02	R		S
	Kozindake 荒神岳	Nara	I	03	R		VS
15	Syōbara 庄原	Hiroshima	I	05 48	R	heard	VS
15	Ikehara 池原	Nara	II	06 18	SL		VS
	Shionoha 入之波	"	II	18	SL		S
20	Echigawa 愛知川	Shiga	III	08 42			
	Kitakomatsu 北小松	"	III	42			

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
	Minaminosyo 南之庄	Nara	III	h 42 ^m	R		S
	Oyama 尾山	"	III	42	R		S
	Naruto 鳴門	Tokushima	III	44	R		S
	Aburahi 油日	Shiga	II	42			
	Ichiba 市場	"	II	42			
	Chikubuzima 竹生島	"	II	43			
	Imazu 今津	"	II	43			
	Adogawa 安曇川	"	II	43			
	Tsuburo 津風呂	Nara	I	43	R		VS
23	Syōbara 庄原	Hiroshima	I	23 30	SL		S
29	Shirahama 白浜	Wakayama	I	08 32	R		S
29	Futatsuno 二津野	Nara	I	14 17	SL		S
	Kurisugawa 栗栖川	Wakayama	I	14 18	R		S



大阪管区

地震月報

昭和40年⁵/₆月

THE MONTHLY REPORT OF EARTHQUAKES

May 1965
June

大阪管区气象台

The Osaka

District Meteorological Observatory

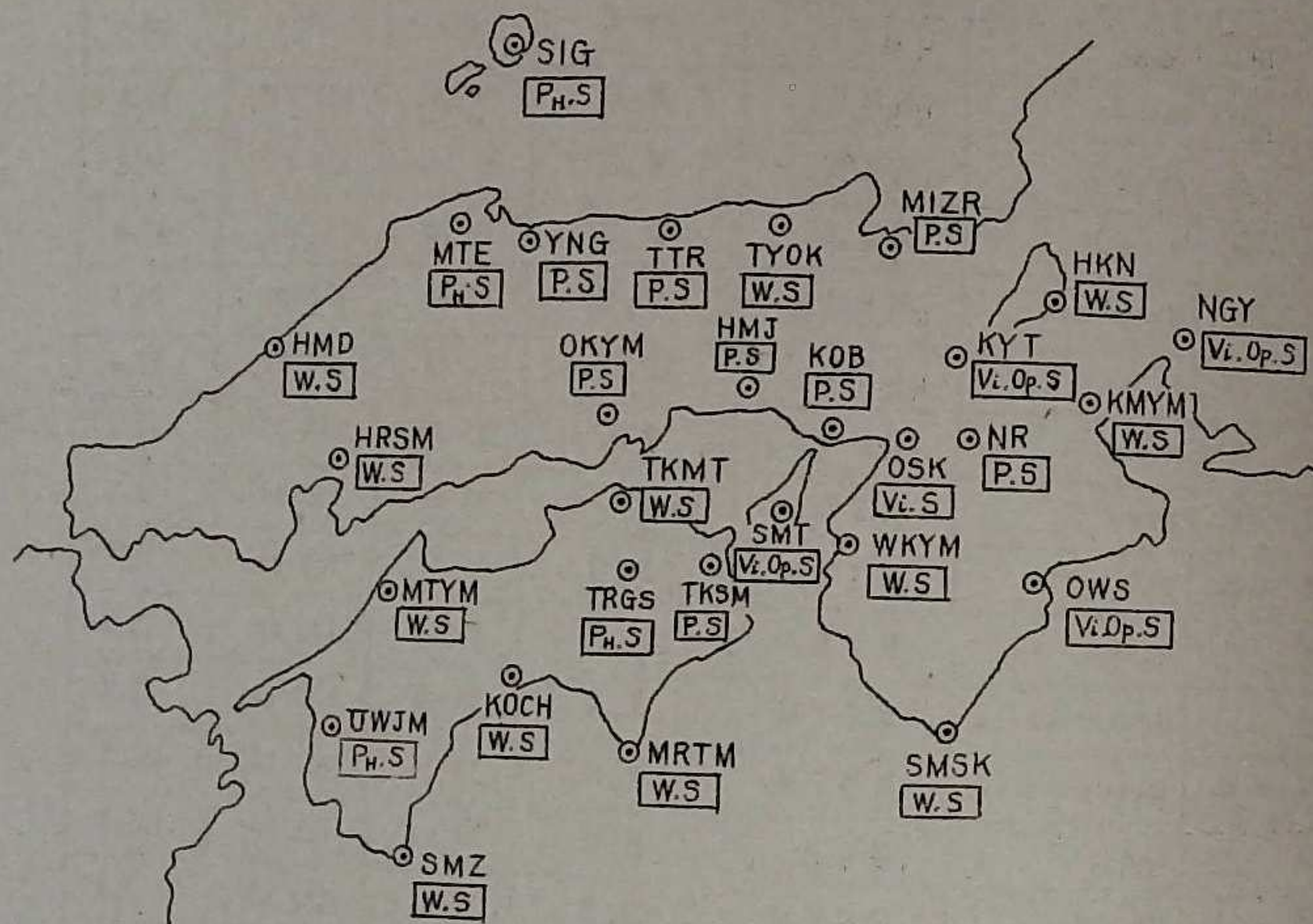
Japan

観測所一覧表

List of Station

Station	Abbreviation	Seismo- graph	Lat. (N)	Long. (E)	Height (m)	
浜田	Hamada	HMD	W, S	34°54'	132°04'	18.8
彦根	Hikone	HKN	W, S	35 16	136 15	88.8
姫路	Himeji	HMJ	P, S	34 50	134 42	17.6
広島	Hiroshima	HRSM	W, S	34 22	132 26	29.7
神戸	Kobe	KOB	P, S	34 41	135 11	58.8
高知	Kochi	KOCH	W, S	33 33	133 32	40.4
京都	Kyoto	KYT	Vi, Op, S	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	P, S	35 28	135 23	31.2
松江	Matsue	MTE	PH, S	35 27	133 04	18.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	W, S	33 15	134 11	185.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	P, S	34 41	133 55	3.8
大阪	Osaka	OSK	Vi, S	34 39	135 32	5.1
西郷	Saigo	SIG	PH, S	36 12	133 20	27.7
清水	Shimizu	SMZ	W, S	32 43	133 01	30.2
潮岬	Shionomisaki	SMSK	W, S	33 27	135 46	74.3
洲本	Sumoto	SMT	Vi, Op, S	34 20	134 54	109.6
高松	Takamatsu	TKMT	W, S	34 19	134 03	9.6
徳島	Tokushima	TKSM	P, S	34 04	134 35	1.8
鳥取	Tottori	TTR	P, S	35 31	134 11	17.7
豊岡	Toyooka	TYOK	W, S	35 32	134 49	4.2
剣山	Tsurugisan	TRGS	PH, S	34 03	134 10	56.1
宇和島	Uwajima	UWJM	PH, S	33 14	132 33	43.4
和歌山	Wakayama	WKYM	W, S	34 14	135 10	14.3
米子	Yonago	YNG	P, S	35 26	133 21	7.1
亀山	Kameyama	KMYM	W, S	34 51	136 28	69.2
名古屋	Nagoya	NGY	Vi, Op, S	35 10	136 58	55.7
尾鷲	Owashi	OWS	Vi, Op, S	34 04	136 12	16.1

"Station Map"



Notation

Op: Electromagnetic seismograph with optical recorder
($T_0 = 1.5$, $V = 500$ or 1000)

P: New-type portable seismograph ($T_0 \approx 2$, $V \approx 60$)

PH: Portable seismograph, horizontal only ($T_0 = 3 \sim 4$, $V \approx 50$)

S: Strong motion seismograph ($T_0 = 5 \sim 6$, $V = 1$)

Vi: Electromagnetic seismograph with visible recorder
($T_0 = 5$, $V = 100$)

W: Wiechert seismograph ($T_0 \approx 5$, $V \approx 80$)

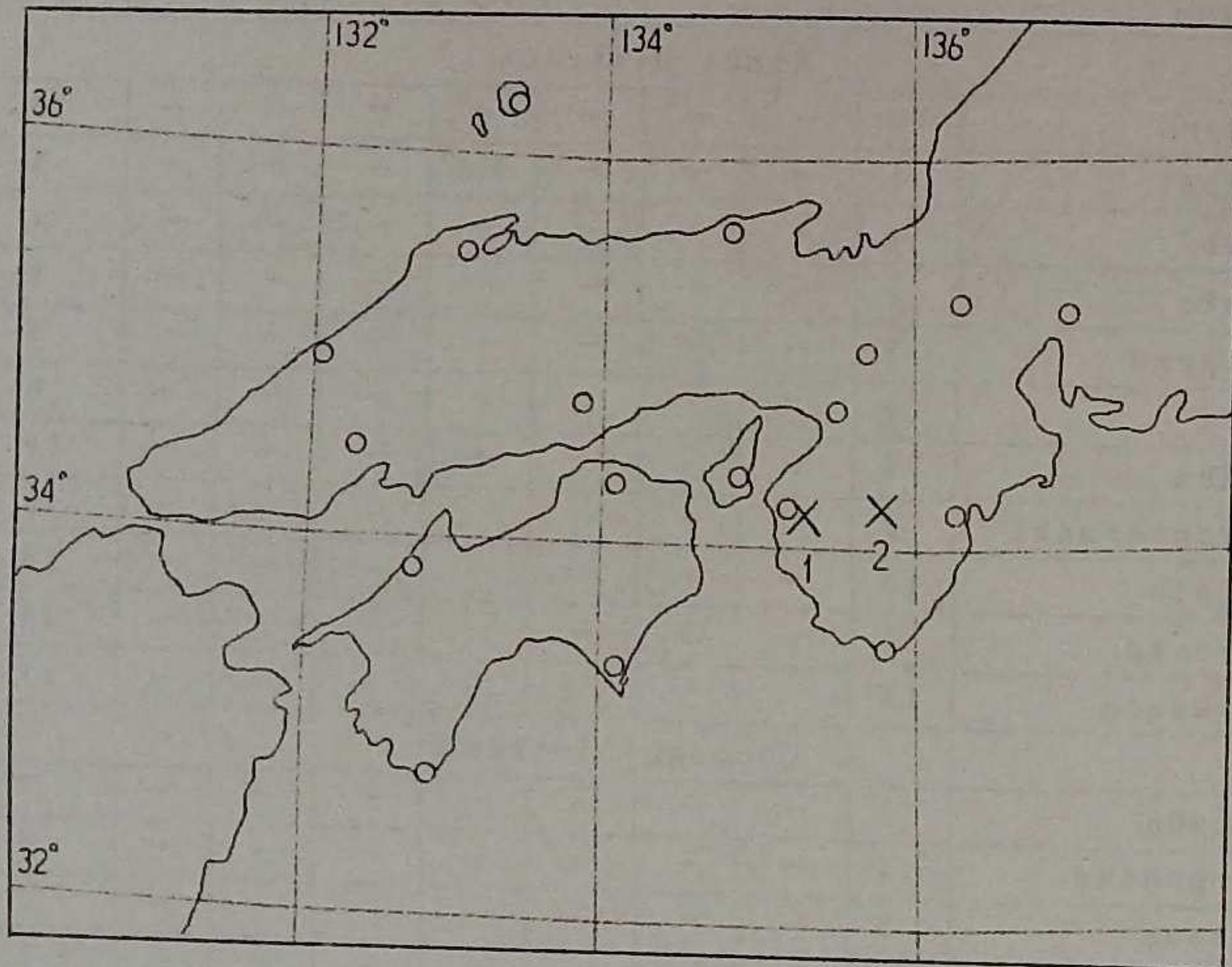
Number of earthquakes

May 1965

Station	S. I.	0	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		10	—	—	—	—	—	—	—	10
Himeji		1	—	—	—	—	—	—	—	1
Kōbe		4	—	—	—	—	—	—	—	4
Kyōto		7	—	—	—	—	—	—	—	7
Maizuru		2	—	—	—	—	—	—	—	2
Nara		4	1	1	—	—	—	—	—	6
Ōsaka		19	—	—	—	—	—	—	—	19
Shimonisaki		5	1	—	—	—	—	—	—	6
Sumoto		10	—	—	—	—	—	—	—	10
Toyooka		10	—	—	—	—	—	—	—	10
Wakayama		18	7	1	1	—	—	—	—	27
Chūgoku District										
Hamada		3	—	—	—	—	—	—	—	3
Hiroshima		4	—	—	—	—	—	—	—	4
Matsue		2	—	—	—	—	—	—	—	2
Okayama		2	—	—	—	—	—	—	—	2
Saigō		1	—	—	—	—	—	—	—	1
Tottori		3	—	—	—	—	—	—	—	3
Yonago		1	—	—	—	—	—	—	—	1
Shikoku District										
Kōchi		5	—	—	—	—	—	—	—	5
Matsuyama		5	1	—	—	—	—	—	—	6
Murotomisaki		5	—	—	—	—	—	—	—	5
Shimizu		4	—	—	—	—	—	—	—	4
Takamatsu		6	—	—	—	—	—	—	—	6
Tokushima		5	—	—	—	—	—	—	—	5
Tsurugisan		4	—	—	—	—	—	—	—	4
Uwajima		—	—	—	—	—	—	—	—	0

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku.

May 1965



No.	Date	Origin Time (J. S. T.)	Epicenter				max S. I.
			Location	Lat.	Long.	Depth Km	
1	28	16 ^h 50 ^m	和歌山県北部 N part of Wakayama Pref.	°N 34.2	°E 135.2	0~10	III
2	29	17 18	奈良県南部 S part of Nara Pref.	34.2	135.8	40	II

Date	Station	S.I.	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks			
							p-Pha			Amp (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
1	NGY	0	P	11 16 56.5	-4 +3 -5	S	35.4	15	11	5	3	3	1		東海道 はるか沖 (深発) Far S off Japan (deep)			
	KMYM	0	iP	16 58.7	+1 -1 +8	S	36.5	9	6	8	2	2	1					
	NR	0	eP	17 02.9														
	HKN	0	iP	17 03.0	+5 -4 +7	iS	38.7	19	14	6	3	2	1					
	OSK	0	iP	17 04.7	+7	eS	38.4	17	14	7	3	2	2					
	KYT	0	iP	17 04.8	+3 -5 +5	iS	41.4	7	7	3	2	2	2					
	TKSM	0	iP	17 15.0	-2 -1 (+)	eS	43.2											
1	NGY	0	P	13 12 37.8	(+) (-) (-)	S	1 24.2	6	4	2	3	3	3					
	OSK	0	eX	13 08.2				10	12	4	3	3	3					
1	OSK	0	eX	22 08 05.0			1	9	7	2	4	4	3	X	45.6			
2	OSK	0	eX	09 05 13.0			1	6	8	2	4	5	3					
2	WKYM	0	P	15 25 21.9		S	08	4	10		1	1						
2	MTYM	0	eP	16 15 13.7		eS	1 43.5		10			12			奄美大島 付近 Near Amami - Oshima (SW of Japan)			
	KOCH	0	eX	15 15.1			2	8	7		9	9	eX	1 55.7				
	HRSM	0	eP	15 18.7		eS	1 12.0	8	15	5	10	12	10					
	HMD	0	eP	15 23.5		eS	1 13.4	7	13		8	11		eX		1 45.3		
	TKMT	0	eP	15 31.9		eS	1 29.3	8	5		12	12						
	SMT	0	eP	15 32.0		eS	2 10.1	8	6	7	10	8	10					
	OSK	0	eP	15 37.7		eS	2 14.7	29	23	8	5	4	3					
	KMYM	0	eP	15 56.7				6	5		12	12		eX		2 40.9		
	NGY	0	P	16 00.7	+3 +2 +2	S	3 21.2	7	6	4	11	9	10					
	MRTM	0	X	17 37.7				7			22							
TYOK	0	X	18 02.2				13	16		12	12							
2	SMZ	0	eP	23 13 42.7														
	MTYM	0	eP	13 47.9		eS	32.3											
5	WKYM	0	P	07 57 26.5		S	14	9	12		1	1						
6	WKYM	0	P	13 36 03.7		S	10	11	10									

Date	Station	S.L.	Pha	Time (J.S.T.)	Initial Motion (μ)	Pha	Max. Amplitude						Pha	p-Pha	Remarks		
							p-Pha		Amp (μ)		Period(sec)					Pha	p-Pha
							m	s	N	E	Z	N					
6	WKYM	0	P	15 01 38.9		S	1.8	5	12								
6	WKYM	0	eP	17 58 41.2		eS	1.2	5	12								
7	OSK	0	X	16 33 31.4				8	8	3	5	5	2				
7	WKYM	1	P	22 03 13.3		S	0.7	12	21		1	1					
7	WKYM	1	P	23 01 17.2		S	1.4	33	42		1	1					
8	TTR	0	iP	03 01 33.2	+2 -4 -12	iS	5.0	16	15		0	0			鳥取県沖		
	YNG	2	iP	01 37.0		iS	5.3								Off coast		
	MTE	0	eP	01 38.5		S	6.3								of Tottori		
	TYOK	0	eP	01 42.3		S	11.2	28	17	8	1	1	1		Pref		
	OKYM	0	eP	01 42.5	(-)	iS	13.3								35.7°N		
	MIZR	0	eP	01 50.6		eS	16.2								133.8°E		
12	KMYM	0	eP	19 41 18.9		eS	5.548	4	2	3	4	4	2		20 Km		
	OSK	0	eX	41 21.4				12	17	4	5	5	4	X	(OMO)		
	HKN	0	eP	41 21.9		S	6.040	4	9	3	2	4	3				
	NGY	0	P	47 20.0	(+)			5	11	1	3	4	3				
13	NGY	0	P	05 54 56.2	+3 +1			5	4		1	1					
14	KMYM	0	P	04 24 07.7	+1 -1 +15	S	41.6	6	8	15	1	3	2		東海道		
	NGY	0	P	24 07.8	+1 (-)		41.4		19	11		3	1		はるか沖		
	NR	0	iP	24 09.8	+12										(深発)		
	OSK	0	iP	24 11.8	+15			10	17	13	2	1	2		Far S		
	WKYM	0	eX	24 12.2											off Japan		
	KYT	0	iP	24 12.5	+4 -4 +9	iS	45.0	5	7	7	2	1	1		(deep)		
	HKN	0	iP	24 12.7	+8 -6 +9			13	11	9	1	1	1				
	SMT	0	iP	24 13.5	+1 -3 +5	eS	44.1	3	3	6	1	2	2				
	TKSM	0	iP	24 16.9	-2 -1 +3	iS	47.0										
	TKMT	0	iP	24 20.6	-5 +4			3	7	4	1	1	1				
	TYOK	0	eP	24 21.7				20	20		1	1					

Date	Station	S.L.	Pha	Time (J.S.T.)	Initial Motion (μ)	Pha	Max. Amplitude						Pha	p-Pha	Remarks		
							p-Pha		Amp (μ)		Period(sec)					Pha	p-Pha
							m	s	N	E	Z	N					
16	NGY	0	P	14 41 48.0	+1	S	53.2	8	7	2	3	3	2	X	1 25.2		
16	OSK	0	eX	20 42 01.7				9	10	5	5	4	3				
	TYOK	0	eP	42 07.4				7	4		1	1					
16	WKYM	0	P	23 53 32.9		S	3.7	7	8	2	1	1	1				
17	WKYM	0	P	00 03 53.6		S	1.0	7	6								
17	WKYM	0	P	02 44 02.0		S	1.1	7	4								
18	SMZ	0	eP	02 23 01.0		eS	2.568	8	9		14	6			台湾南方沖		
	KOCH	0	eP	23 01.1		eS	3.054	20	9		9	9			Near		
	HRSM	0	eP	23 10.3		eS	3.094	24	16	10	7	8	7		Formosa		
	MTYM	0	eP	23 10.8		eS	3.023	15	13	10	12	14	18		{ 21.2°N		
	TKMT	0	eP	23 11.3		eS	3.548	13	9		11	10			{ 121.3°E		
	HMD	0	eP	23 12.5		S	3.026	19	18		5	13			{ 20 Km		
	MRTM	0	iP	23 15.3	+5 +6	eS	3.287	19	21	7	13	8	4		(JMA)		
	TKSM	0	eP	23 19.0		eS	3.038										
	TRGS	0	P	23 21.9		S	4.004										
	SMSK	0	eP	23 23.9		eS	3.230	32	32	28	4	4	4	eX	5 08.1		
	SMT	0	P	23 26.0	-1 -2 -1	S	3.320	15	12	13	8	12	5	iX	8 12.2		
	WKYM	0	P	23 31.0		eS	3.148	7	8		1	1					
	MTE	0	eP	23 32.8		eS	3.154										
	KOB	0	X	23 34.-													
	OSK	0	iP	23 36.0	+5	eS	3.243	88	110	28	5	5	3				
	NR	0	eP	23 39.1													
	TYOK	0	eP	23 39.6		eS	3.375	34	20	10	5	5	12	eL	5 54.2		
	KYT	0	iP	23 40.0	+1 +1 +2	S	3.294	15	16		5	5					
	MIZR	0	X	23 41.2													
	KMYM	0	iP	23 44.5	-14 -19	S	3.331	44	51		4	4		L	4 36.5		
	HKN	0	P	23 45.5		S	3.408	32	40	36	4	4	4				

Date	Station	S.L	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude						Remarks					
							p-Pha		Amp (μ)		Period(sec)			Pha	p-Pha			
							m	s	N	E	Z	N				E	Z	m
	NGY	0	P	23 49.4	+11 +17 +16	S	3	398	42	44	46	3	5	5	X	9	32.6	
18	KMYM	0	iP	08 29 26.7	+1 (+) -3	iS		4.7	6	5	5	0	0	0				
19	NGY	0	P	11 33 01.6	(-) (-)	S		22.4	7	8		2	2					
19	WKYM	0	P	12 31 06.2		S		3.9	12	21								
20	WKYM	0	eP	09 49 56.3		eS	7	46.7	7	3		17	15					ニューヘブライズ島付近 Near New-Hebrides Is. { 14.7° S { 167.4° E { 16 Km (USCGS)
	SMSK	0	eP	49 58.3		eS	7	48.4	8	10	2	21	16	3	eL	15	10-	
	MRTM	0	X	49 59.3					12	6		15	15		X	8	11.0	
	KMYM	0	eP	50 01.8		eS	8	10.8	13	10	5	16	19	4	eL	9	59.1	
	KYT	0	eP	50 03.9					34	19	19	23	27	47	X	8	00.0	
	OSK	0	eP	50 04.2		S	8	14.4	32	30		4	5		eL	16	00-	
	KOCH	0	eP	50 04.9	+1 -1	eS	7	57.8	11	9		14	18					
	SMT	0	P	50 05.5	-2	S	8	14.9	7	5	5	14	5	5				
	HKN	0	eP	50 05.7		eS	8	02.3	10	7	8	25	24	25				
	TKMT	0	eP	50 09.4		eS	8	10.7	7	8		20	16					
	TYOK	0	eP	50 10.7		eS	8	13.1	12	11	11	17	16	22	eL	15	17.8	
	HRSM	0	eP	50 12.2	(+) (-) (+)	eS	8	01-	7	7	6	17	19	20				
	HMD	0	eP	50 19.1		+5 eS	8	05.4	4	7	9	16	8	29				
	SMZ	0	eL	10 04 38-					7	11	15	16						
23	MTYM	1	iP	02 39 51.3		iS		3.0	38	28	15	0	1	0				
	HRSM	0	eP	39 58.7		S		7.0	9	13	6	0	0	0				
23	OSK	0	X	23 48 19.4					7	6	4	2	2	2				
24	OSK	0	eX	08 52 51.6					7	6	6	4	4	3				
24	OWS	0	eP	20 49 52.0														
24	WKYM	1	P	22 02 07.4		S		1.7	55	35	13	1	1	1				
24	NGY	0	P	22 49 38.4	(+) (+) (-)	S		53.6	27	24	9	3	3	3				
	HKN	0	eP	49 45.0		eS		57.8	11	13	4	1	1	1				
	TYOK	0	X	50 33-					18	15		1	2					

Date	Station	S.L	Pha	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha	Max. Amplitude						Remarks						
							p-Pha		Amp (μ)		Period(sec)			Pha	p-Pha				
							m	s	N	E	Z	N				E	Z	m	s
	OSK	0	X	50 40.3					21	20	8	3	4	2	X		46.7		
25	SMZ	0	eP	08 25 57.6											X		3	56.5	
	MTYM	0	eP	26 05.2		eS	3	57.8	5	6		6	6						
	KOCH	0	eP	26 06.2					5	4		5	5		eX		4	00.1	
	SMT	0	P	26 17.0	+1 (+)	S	4	08.2	6	6	6	7	6	3					
	OWS	0	X	26 19.4															
	TRGS	0	X	26 20.5															
	OSK	0	eP	26 22.3		eS	4	12.0	32	33	13	5	4	3					
	HKN	0	eP	26 31.0		eS	4	21.4	9	9	5	2	3	3					
	NGY	0	P	26 31.8	(+) (-) -1				10	9	7	3	2	3					
	KYT	0	eP	26 32.0					5	4	6	2	1	2					
	TYOK	0	eP	26 34.6		eS	4	08.7	13	8	13	1	1	2					
25	WKYM	0	P	11 30 02.3		S		1.7	17	38	4								
27	WKYM	1	P	18 56 11.8		S		1.2	67	33	12	1	1	1					
	SMT	0	P	56 14.0		-1 iS		3.1	12	12	2	0	0	0					
28	WKYM	3	P	16 50 26.2		S		1.1	1000	1300	250	1	1	1				和歌山県 北部 N part of Waka- yama Pref. { 34.2°N { 135.2°E { 0~10 Km (OMO)	
	SMT	0	iP	50 28.5	-5 +6 -9	iS		4.7	22	24	12	1	3	3					
	TKSM	0	eP	50 32.9		iS		7.9											
	KOB	0	X	50 33.5		eS		6.4											
	OSK	0	eP	50 33.9		eS		6.8	96	48	45	4	3	3					
	NR	1	eP	50 37.4		iS		9.0											
	HMJ	0	eP	50 38.6		eS		14.2											
	OWS	0	iP	50 39.4	-1 -2 (-)	S		10.6	30	28	10	1	1	1					
	TRGS	0	X	50 39.9															
	SMSK	0	eP	50 40.6		iS		11.9	18	27	19	1	1	1					
	KYT	0	iP	50 41.1		eS		13.9	5	10	5								
	TKMT	0	eP	50 41.4		eS		15.6	25	24	9	1	1	1					

Date	Station	S.I.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	Max. Amplitude						Pha	p-Pha	Remarks	
				h	m	s	N	E	Z		Amp. (μ)			Period(sec)						
											m	s	N	E	Z	N				E
	OKYM	0	eP	50	44.5				S	17.6	15	16	4	1	1	1				
	MRTM	0	eP	50	48.6				S	16.5	7	9	3	2	2	0				
	HKN	0	eP	50	51.9				S	15.7	21	19	5	1	1	1				
	TTR	0	eP	50	53.0				iS	20.0	10			1						
	TYOK	0	eP	50	56.0				iS	11.3	64	80	11	1	1	1				
	NGY	0	P	50	56.1	+1	(-)	(-)	S	23.7	8	8	3	1	1	1	X	1	15.7	
	MTYM	0	eP	51	02.5				eS	25.5	6	4	3	1	1	2				
28	WKYM	2	P	17	05	17.7			S	0.9	250	400	150	1	1	1				
	SMT	0	P	05	20.5				iS	5.1	9	3		0	0					
28	WKYM	1	P	17	20	03.5			S	1.7	11	23	5	1	1	1				
28	WKYM	0	P	17	21	59.4			S	1.2	13	18								
28	WKYM	1	P	20	54	15.7			S	1.4	13	21		1	1					
28	WKYM	0	P	21	50	51.5			S	1.0	7	15		1	1					
29	SMSK	0	eP	00	09	02.9			S	3.1	13	12	7	0	0	1				
29	WKYM	0	P	01	59	51.9			S	1.9	17	28		1	1					
29	OVS	2	iP	17	18	55.2	+10	-15	(-)	iS	6.6	120	110	64						奈良県南部
	WKYM	1	P	18	55.7				S	11.1	20	21		1	1				S part of	
	NR	2	iP	18	56.5				+11 iS	8.6									34.2° N	
	OSK	0	eP	18	56.9				iS	8.3	36	27	13	1	1	0			135.8° E	
	SMSK	1	iP	18	59.9	-3	-3	+11	iS	11.2	30	14	13	0	1	1			40 Km	
	KOB	0	eP	19	00.0				-2 eS	10.8									(OMO)	
	KYT	0	iP	19	00.5				iS	10.9	46	41	5							
	SMT	0	P	19	01.9	(-)	(+)	(-)		9.4	5	3		0	0					
	TKSM	0	eP	19	04.7				iS	13.4										
	HKN	0	P	19	05.7				iS	13.7	23	15	6	1	1	1				
	NGY	0	P	19	06.9	-1	+3	(+)	S	12.5	10	11	5	1	1	1				
30	WKYM	0	P	00	47	19.4			S	2.5	10	6		1	1					

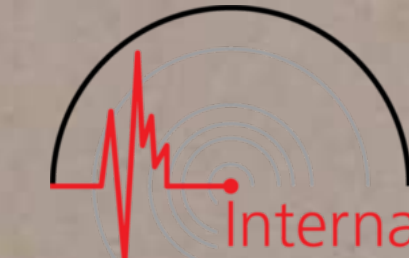
Date	Station	S.I.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	p-Pha	Max. Amplitude						Pha	p-Pha	Remarks
				h	m	s	N	E	Z			Amp (μ)			Period(sec)					
												m	s	N	E	Z	N			
31	NGY	0	P	17	38	46.9	+2	+5	-5	S	29.2	120	150	46	2	2	2			千葉県北部
	HKN	0	eP	38	54.9				S	35.6	26	16	7	2	2	2			N part of	
	OVS	0	iP	39	00.3	-1	-2	(+)	S	39.9	6	5	4	4	4	2			35.8° N	
	NR	0	eP	39	00.8				eS	39.6									140.0° E	
	KYT	0	iP	39	00.8				eS	40.4	24	24	9						100 Km	
	OSK	0	P	39	04.6			+6	S	41.3	87	82	46	2	3	2			(JMA)	
	KOB	0	X	39	07.4															
	TYOK	0	iP	39	09.3			(-)				150	77	10	1	1	2			
	WKYM	0	iP	39	10.6	-3	-7		eS	47.4	19	17		1	1					
	SMSK	0	eP	39	11.6				eS	44.4	8	12	5	3	3	2				
	SMT	0	iP	39	12.6	(-)	-1	+1	iS	104.2	8	10		4	2					
	TTR	0	eP	39	16.3				eS	103.4	10			2						
	TKSM	0	eP	39	19.1				eS	100.1										
	TKMT	0	iP	39	20.8	-2	-3			58.2	8	7		1	2					
	TRGS	0	P	39	23.0															
	SIG	0	iP	39	26.5	+8			iS	59.2										
	MRTM	0	P	39	27.1				eS	109.8	5	6	3	2	2	1				
	KOCH	0	eP	39	33.5				eS	107.4	5			3						

Station not equipped with Seismograph

昭和40年5月

May 1965

Date	Station		Prefecture	S L	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
7	Kiyokawa	清川	Waka- yama	II	10 ^h 44 ^m			
8	Hōshōji	法勝寺	Totto- ri	II	03 00			
	Tohaku	東伯	"	?	00			
28	Kōzindake	荒神岳	Nara	II	16 50			
	Higashinogami	東野上	Waka- yama	II	50		heard	
28	Higashinogami	東野上	"	I	17 05		heard	
28	Higashinogami	東野上	"	I	17 20		heard	
29	Kōzindake	荒神岳	Nara	II	17 19			
	Shinjō	新庄	"	I	19			
30	Kaminogō	上之郷	Ōsaka	II	17 56			
31	Aburahi	油日	Shiga	I	17 39			
31	Higashinogami	東野上	Waka- yama	I	21 02		heard	

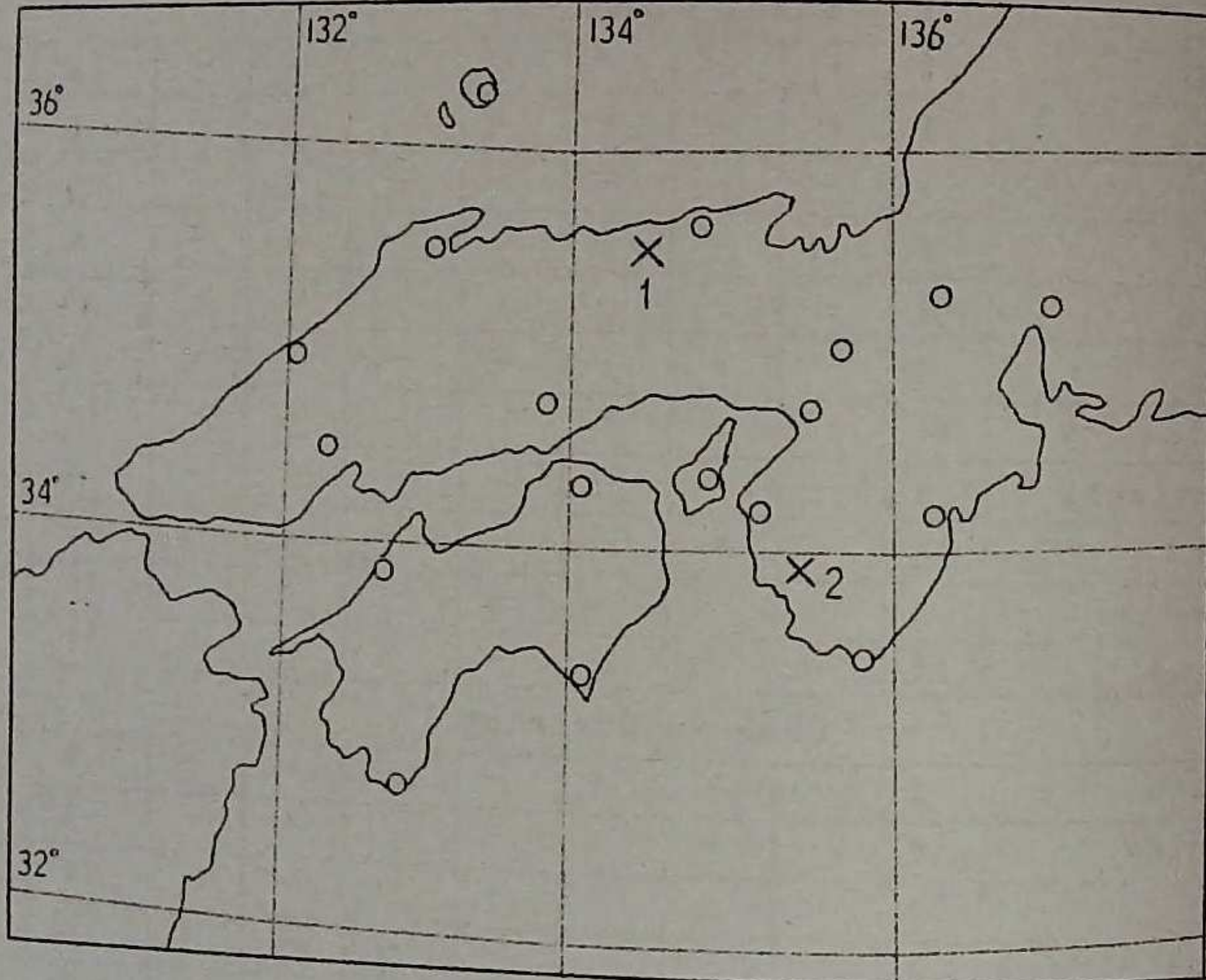


June 1965

Station	S.I.	0	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		13	—	—	—	—	—	—	—	13
Himeji		1	—	—	—	—	—	—	—	1
Kōbe		4	—	—	—	—	—	—	—	4
Kyōto		8	1	—	—	—	—	—	—	9
Maizuru		2	—	—	—	—	—	—	—	2
Nara		5	—	—	—	—	—	—	—	5
Ōsaka		16	—	—	—	—	—	—	—	16
Shionomisaki		4	—	—	—	—	—	—	—	4
Sumoto		10	—	—	—	—	—	—	—	10
Toyooka		8	1	1	—	—	—	—	—	10
Wakayama		18	7	2	—	—	—	—	—	27
Chūgoku District										
Hamada		2	—	—	—	—	—	—	—	2
Hiroshima		3	—	—	—	—	—	—	—	3
Matsue		2	—	—	—	—	—	—	—	2
Okayama		2	—	—	—	—	—	—	—	2
Saigō		2	—	—	—	—	—	—	—	2
Tottori		4	2	—	—	—	—	—	—	6
Yonago		2	—	—	—	—	—	—	—	2
Shikoku District										
Kōchi		6	—	—	—	—	—	—	—	6
Matsuyama		8	—	—	—	—	—	—	—	8
Murotomisaki		4	—	1	—	—	—	—	—	5
Shimizu		7	—	—	—	—	—	—	—	7
Takamatsu		4	—	—	—	—	—	—	—	4
Tokushima		5	—	—	—	—	—	—	—	5
Tsurugisan		2	—	—	—	—	—	—	—	2
Uwajima		1	1	—	—	—	—	—	—	2

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku.

June 1965



No	Date	Origin Time (J. S. T.)	Epicenter			max S.I.	
			Location	Lat.	Long.		Depth Km
1	15	10 ^h 22 ^m	兵庫県北部 N part of Hyōgo Pref.	°N 35.5	°E 134.5	Km 10	II
2	27	21 50	和歌山県北部 N part of Wakayama Pref.	33.9	135.3	10~20	III

Date	Station	S.L.	Pha	Time (J.S.T.)			Initial Motion(μ)			Pha	Max. Amplitude						Pha	p-Pha	Remarks		
				h	m	s	N	E	Z		Amp. (μ)			Period(sec)							
											N	E	Z	N	E	Z				m	s
1	HKN	0	eP	13	13	32.1				iS	3.0	14	14	4	1	1	1				
	KMYM	0	P	13	33.1		-1	-0		iS	4.7	6	4		0	0					
	NGY	0	P	13	34.7				-4	eS	182	7	6	6	3	3	1				
	NR	0	eP	13	41.2					eS	104										
3	NGY	0	eP	12	36	18.8	-1	-1	+1	S	26.6	6	8	2	2	3	3				
4	WKYM	0	P	02	16	09.7				S	1.7	3	7								
4	WKYM	0	P	04	00	17.7				S	0.7	19	12		1	1					
4	WKYM	0	P	06	57	36.9				S	1.2	3	11		1	1					
4	WKYM	0	P	19	37	09.0				S	1.7	10	29		1	1					
5	KYT	0	iP	05	03	58.8	-7	-4	+7	iS	1.9	8	21		0	0					
5	WKYM	0	P	22	04	23.2				S	1.2	5	8								
6	HKN	0	eP	18	19	07.3				eS	56.6		17				2				
6	HKN	0	eP	18	49	24.5				eS	7.6		4				1				
6	HKN	0	eP	22	04	06.2				eS	21.0		22				2				
7	WKYM	1	P	03	12	23.2				S	1.0	5	10		1	1					
7	WKYM	0	P	06	42	45.2				S	1.3	17	12		1	1					
	SMT	0	P		42	47.1	(+)	(-)	(+)	S	3.4	8	3	1	0	0	0				
8	WKYM	0	P	12	20	43.1				S	1.2	9	12		1	1					
8	NGY	0	eP	15	15	41.1			+1	-1	S	59.0	12	9	4	3	3	2			
	OSK	0	eX		17	13.3						11	9	5	3	3	3				
8	NGY	0	eP	20	50	18.4	+0	+0	-2	iS	5.7	12	8	2	0	0	0				
9	WKYM	0	P	13	00	16.0				S	1.4	12	12		1	1					
10	WKYM	0	P	02	59	24.9				S	1.5	8	5		1	1					
11	TTR	0	iP	02	50	42.5	+2	+1	+4	iS	4.0										
11	NGY	0	eP	12	36	47.2	-2	-1	+1	S	2	39.2	27	27	11	3	3	14			エトロフ島沖
	HKN	0	P		36	53.4				S	2	31.7	24	25	25	16	16	15			Off S
	KMYM	0	P		36	54.9				eS	1	56.9	24	28	23	5	20	13	eL	2:20.8	coast of
																					Etorofu I.

Date	Station	S.L.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	Max. Amplitude						Pha	p-Pha	Remarks			
				h	m	s	N	E	Z		p-Pha			Amp. (μ)						Period (sec)		
											m	s	N	E	Z	N				E	Z	N
	KYT	0	iP	36	59	0	-1	-1	+0	iS	2	38.4	18	24	14	20	24	18				
	TYOK	0	P	37	01	8	(-)	(-)	(+)				30	25	29	17	24	21				
	OSK	0	eP	37	04	0				eS	3	008							iX	3	24.4	
	KOB	0	eX	37	07	-																
	SIG	0	P	37	08	0	-3	-3		S	3	000										
	SMT	0	P	37	09	6	(-)	(+)		iS	3	17.5	19	23	12	6	18	14				
	OWS	0	eP	37	12	4				S	3	092	14	15	14	7	8	8				
	TKSM	0	eP	37	17	1				eS	2	43.6										
	TKMT	0	eP	37	18	0				eS	2	52.5	17	24	6	16	21	21				
	WKYM	0	eP	37	21	3				eS	2	44.2	17	12	17	15	21	15				
	SMSK	0	eP	37	22	1				S	2	58.5	29	42	2	6	5	2	L	3	20.9	
	KOCH	0	eP	37	28	0				eS	3	12.4	32	30		18	20					
	MTE	0	eP	37	28	7				eS	3	12.4										
	MRTM	0	eP	37	29	4				eS	3	12.7	22	24	3	5	16	1				
	HRSM	0	eP	37	30	-	(-)	(+)		eS	2	57-	40	23	24	5	18	18				
	HMD	0	P	37	30	1	-2	-3	+2	eS	3	05.4	22	17	23	19	25	19	eL	4	39.3	
	MTYM	0	eP	37	32	0				eS	3	00.8	31	28	30	17	21	16				
	UWJM	0	eP	37	41	-																
	SMZ	0	eP	37	44	3				eS	3	38.1	21	20	28	17	19	15				
13	MRTM	2	iP	00	13	52.2	-2	+0	-5	iS	7	0	20	45	28	0	0	0				
	KOCH	0	eP	14	03	4				eS	9.2	4	4		1	1						
	TKSM	0	eP	14	05	5				iS	18.9											
	SMZ	0	eP	14	05	8				eS	22.3											
	MTYM	0	eP	14	15	9				eS	24.0	8	8	3	1	1	1					
	WKYM	0	eP	14	20	6				eS	16.6	7	8		1	1						
	OSK	0	X	14	46	9						9	10	6	4	2	2					
13	NGY	0	eP	16	08	17.8	-2	(-)	(+)	iS	1	34.9	41	31	9	5	3	4	iX		30.3	

Date	Station	S.L.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	Max. Amplitude						Pha	P-Pha	Remarks			
				h	m	s	N	E	Z		p-Pha			Amp. (μ)						Period (sec)		
											m	s	N	E	Z	N				E	Z	N
	HKN	0	P	08	20	5				S	1	40.3	22	18		2	3					
	KMYM	0	P	08	23	0	-2			eS	1	34.5	39	34	20	5	5	5				十勝沖 Off S coast of Hokkaido
	KYT	0	iP	08	26	0				eS	2	43.0										41.5°N 143.9°E 40 Km (JMA)
	NR	0	eP	08	27	3																
	TYOK	0	P	08	28	0	(-)	(-)	(+)				23	9	5	16	16	17				
	OSK	0	P	08	31	8				eS	2	032	84	92	29	4	4	3				
	KOB	0	eX	08	33	-																
	WKYM	0	eP	08	38	3				eS	2	10.5	6	4		7	6					
	SMT	0	iP	08	39	0	(+)	(+)	-1	S	2	10.7	8	7	5	7	15	4				
	SMZ	0	eP	08	49	1																
	TRGS	0	eP	08	49	2																
	OWS	0	eP	08	50	4				S	1	57.6	7	9	9	7	6	6				
	MRTM	0	eP	08	56	0							7	4		8	5					
	HRSM	0	X	08	57	3	-1	(-)	(+)				4	3	5	12	16	3				
	KOCH	0	eP	08	57	4				eS	2	21.9	10	6		6	7					
	MTYM	0	eP	08	58	7				eS	2	12.3	5	9	3	16	17	16				
	SMSK	0	eP	09	06	9				eS	1	59.8	9	10	1	5	5					
14	NGY	0	eP	05	52	03.7	-1	-1	-1	eS		15.0	6	4	2	1	1	1				
14	NGY	0	eP	22	24	42.5	-1	+1	-1	eS		5.2	5	5	2	1	1	1				
	HKN	0	P	24	58	4				S		1.6	7	3	1	1	1	1				
14	HKN	0	P	22	24	58.4				S		1.6	7	3	1	1	1	1				
14	NGY	0	iP	23	28	55.0	-2	-4	+3	iS		25.8	26	24	6	3	2	2				
	KMYM	0	P	29	00	2				iS		30.7	13	9		2	2					
	HKN	0	P	29	02	0				S		30.0	16	8	5	1	1	1				
	OSK	0	X	29	49	2							16	12	8	3	2	2	X		17.1	
15	TYOK	2	P	10	22	29.8	(-)	(-)	(-)	iS		3.3	160	130	40	1	1	1				兵庫県 北部
	TTR	2	iP	22	30	4				+4	iS		4.0									

Date	Station	S.L.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p-Pha m s	Remarks
							p-Pha			Period(sec)					
							N	E	Z	N	E	Z			
	OKYM	0	iP	22 41.3	(-)	iS	12.5	20	19	4	1	1	1		
	KOB	0	eX	22 45		eS	14								
	MIZR	0	eP	22 45.3		eS	8.7								
	KYT	0	iP	22 45.6		iS	15.1	6	7	2					
	OSK	0	eP	22 47.6		eS	17.6	7	11	3	1	2	1		
	SMT	0	P	22 48.0	(-) (+) (+)	S	16.7	5	6	2	1	0	1		
	TKMT	0	eP	22 48.5		eS	16.9	8	8	7	0	0	1		
	WKYM	0	eP	22 49.2		eS	21.2	10	9		1	1			
	NR	0	eP	22 51.5		iS	17.6								
	HKN	0	P	22 52.4		iS	20.0	24	16	4	1	1	1		
	TKSM	0	eP	22 53.5		eS	18.4								
	YNG	0	iS	22 54.8											
	NGY	0	eP	23 03.9	+0 -0	S	26.6	7	5	2	3	3	2		
16	OSK	0	eP	13 59 36.3				7	7	3	5	4	2		
16	NGY	1	eP	18 25 42.2	-0 -0	iS	5.3	14	18		0	0			
	KMYM	0	eP	25 46.5		iS	10.4	4	7	5	1	1	0		
	HKN	0	P	25 48.2		S	8.6	10	13	5	1	1	1		
16	TTR	0	eP	21 14 46.2		iS	3.6								
	TYOK	0	iP	14 50.6		eS	3.0	20	11		1	1			
20	TTR	2		06 13 -											
	TYOK	1	P	13 00.8	+1 -3 -5	iS	3.7	96	64	29	1	1	0		
	KYT	0	iP	13 16.3		iS	15.2	6	4	0					
	HKN	0	eP	13 23.3		S	19.8	8	8	3	1	1	1		
21	WKYM	1	P	01 40 49.7		S	0.5	12	11		1	1			
21	KYT	1	iP	14 28 14.4	+5 -7 -7	iS	2.2	11	30	7	0	0	0		
22	WKYM	0	P	02 51 25.2		S	0.5	7	12		1	1			
23	MIZR	0	iP	08 48 55.0		iS	2.9								

Date	Station	S.L.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p-Pha m s	Remarks
							p-Pha			Period(sec)					
							N	E	Z	N	E	Z			
	TYOK	0	eP	48 59.2		iS	5.1	11	11	5	1	1	1		
	KYT	0	eP	49 00.0		iS	6.2	14	20	3	0	0	0		
23	OSK	0	eX	08 54 09.0				10	11	3	5	5	4	X	4 54.4
23	OSK	0	P	20 18 27.2		eS	7 23.8	12	15	7	5	5	3		
24	WKYM	0	P	03 50 33.2		S	6.5	29	31	13	1	1			
	TKSM	0	eP	50 33.7		iS	6.2								
	SMT	0	P	50 34.4	-1 (-)	S	7.4	10	3	2	0	0	0		
24	WKYM	1	P	05 20 41.1		S	10	39	37	18	1	1	1		
	SMT	0	P	20 44.2	-1 (-)	S	3.8	7	3		0	0			
	OSK	0	eX	21 21.9				5	7	2	3	3	3		
24	TYOK	0	iP	13 49 46.9	(+)-21	S	36.4	170	47	22	2	1	1		福井県 西部
	KOB	0	eX	49 46.9											W part of Fukui Pref.
	KYT	0	iP	49 47.0	+7 +4 -33	iS	35.4	39	110	34	2	2	2		{ 35.5°N
	HKN	0	P	49 47.1		iS	36.1	180	97	53	2	2	2		{ 135.8°E
	WKYM	0	iP	49 47.6	+28 +23 -18	iS	35.6	31	63	17	1	1	1		{ 360 Km
	OSK	0	iP	49 47.8		iS	36.6	99	160	63	2	2	3		(OMO)
	HMJ	0	P	49 48.0		S	37.0								
	NGY	0	eP	49 48.3	+1 -7 (-)	iS	38.7	78	120		3	3			
	NR	0	iP	49 48.4		iS	36.0								
	SMT	0	iP	49 48.5	+7 +8 -23	iS	38.2	15	18	27	3	3	2		
	KMYM	0	iP	49 48.6	+6 -5 -2	iS	37.6	100	120	63	2	3	2		
	TTR	0	iP	49 48.6		iS	38.4	35	10	15	2	1	2		
	OWS	0	iP	49 49.8	+6 -2 (-)	iS	38.4	39	30	14	2	2	2		
	TKMT	0	iP	49 50.4	+12 +10 -15			13	13	19	2	2	2		
	YNG	0	iP	49 52.1	-2 (+) -7	iS	40.7								
	SMSK	0	iP	49 53.2	+9 -2	iS	41.2	36	55	27	2	3	2		
	SIG	0	P	49 53.7	-5 +3	S	41.5								

Date	Station	S.L.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	Max. Amplitude						Remarks						
				h	m	s	N	E	Z		p-Pha			Amp. (μ)				Period (sec)					
											m	s	N	E	Z	N		E	Z	N	E	Z	
	MTE	0	P	49	54	5			S		41.2												
	KOCH	0	iP	49	57.6		+5	+6	iS		45.4	11	12		2	2							
	MRTM	0	iP	49	57.8		+6	+1	-12	iS	44.7	12	24	13	3	2	2						
	HRSM	0	iP	49	59.7		+2	+5	-13	iS	46.1	9	18	13	4	4	3						
	MTYM	0	iP	50	00.3		+4	+10	-15	iS	46.5	11	14	3	2	2	2						
	HMD	0	eP	50	01.9		+4			S	46.7	17	18		4	3							
	SMZ	0	iP	50	06.0					iS	53.6	17			3								
24	OSK	0	eX	16	52	39.8						7	7	3	5	4	3						
26	NGY	0	eP	06	44	38.4	-1	+1	+0	eS	50.8	8	6	2	2	2	2						
	OSK	0	eX	45	53.6							9	8	4	3	4	3						
26	WKYM	1	P	08	28	52.8				S	1.4	200	100	48	1	1	1						
26	WKYM	2	P	09	41	50.6				S	1.6	230	260	95	1	1	1						
	SMT	0	P	41	56.0		-1	-1			4.9	14			0								
	OSK	0	X	42	28.9							8	7	4	3	3	3						
26	WKYM	1	P	15	39	57.8				S	1.2	63	57	33	1	1	1						
26	KMYM	0	eP	20	50	45.1				iS	17.1	16	7	8	1	1	1						
26	WKYM	0	P	21	39	52.7				S	0.6	8											
27	TTR	0	P	00	20	55.8				iS	3.8	11	10	5	0	0	0						
	TYOK	0	eP	20	57.2					eS	4.0	13	9		1	1							
27	MTYM	0	eP	01	49	04.8				eS	42.7	4	6	2	2	5	2						
27	WKYM	1	P	19	26	10.5				S	0.5	9	18										
27	WKYM	1	P	21	50	25.3				S	3.1	49	67	19	1	1							
	SMT	0	P	50	27.5		-1	+1		iS	6.6	20	17	9	0	0	1						
	TKSM	0	eP	50	30.5					iS	8.0												
	SMSK	0	eP	50	32.0					iS	9.1	27	21	15	0	1	1						
	OSK	0	eP	50	32.9					S	9.5	14	20	12	1	3	2						
	NR	0	eP	50	37.5					iS	11.2												

和歌山県
北
N part of
Wakayama
Pref
{ 33.9°N
135.3°E
10~20
(COM D

Date	Station	S.L.	Pha	Time (J.S.T.)			Initial Motion (μ)			Pha	Max. Amplitude						Remarks						
				h	m	s	N	E	Z		p-Pha			Amp. (μ)				Period (sec)					
											m	s	N	E	Z	N		E	Z	N	E	Z	
	TKMT	0	eP	50	38.1				iS		15.0	13	19	11	1	1	1						
	KYT	0	iP	50	39.9		+1	-0	-1	iS	14.9	5	7	4	1	1	2						
	MRTM	0	P	50	41.1					iS	14.6	11	15	12	0	1	0						
	OKYM	0	eP	50	42.7					iS	17.6	27	29	7	1	1	1						
	KOCH	0	eP	50	46.7					eS	18.6	4	3		1	0							
	HKN	0	eP	50	47.8					S	18.7	16	9	4	1	2	1						
	TYOK	0	P	50	48.0					S	21.5	34	31	6	1	1	1						
	NGY	0	eP	50	54.6				(+)	eS	25.0	1	7		1	1							
	MTYM	0	eP	50	57.5					eS	27.0	6	6	3	1	1	0						
28	SMZ	0	eP	07	00	22.4				eS	22.2												
	MTYM	0	eP	00	34.3					eS	38.3	5	8	1	1	1	1						
29	TYOK	(1)	P	00	05	30.7	+3		-11	S	1.9	8	11	14	1	0	0						
29	WKYM	0	P	06	04	34.2				S	0.6	10	9										
29	NGY	0	P	09	26	45.0	-2		+2	iS	2.2	6	6	3	1	1	1						
29	KYT	0	iP	09	48	56.0	-2	+5	+0	eS	2.3	5	7	1	0	0	0						
29	UWJM	1	eP	23	09	47.				iS	6.												豊后水道
	SMZ	0	eP	09	55.2					eS	9.9	7			1								Off SW
	MTYM	0	iP	09	56.1		+1	+1	+1	iS	10.0	9	16	3	1	1	0						coast of
	KOCH	0	eP	10	00.2					eS	13.1	4	4		0	0							Ehime
	WKYM	2	P	39	57.9					S	1.3	180	230	80	1	1	1						Pref.
30	SMT	0	P	40	04.1		-1	+3	-4	iS	5.1	9	5	4	0	0	0						
	OSK	0	iS	40	15.0							5	11	3	2	0	1						

Report of Earthquakes

Station not equipped with Seismograph

昭和40年6月

June 1965

Date	Station		Prefecture	S.L.	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
15	Kasumi	香住	Hyōgo	II	10 ^h 22 ^m			
	Yoshinari	吉成	Totto- ri	II	22			
16	Kasumi	香住	Hyōgo	I	21 14			
20	Kasumi	香住	"	I	06 13			
22	Kasumi	香住	"	I	05 05			
22	Izushi	出石	"	I	10 22			
23	Ayabe	綾部	Kyōto	I	08 50			
24	Higashinogami	東野上	Waka- yama	I	05 21	R	heard	S
27	Kibi	吉備	"	III	21 50	VR		VS
	Kiyokawa	清川	"	I	49	R	heard	S
	Higsahinogami	東野上	"	I	51	R	heard	S
30	Higashinogami	東野上	"	II	09 40	R	heard	S



大阪管区

地震月報

昭和40年 $\frac{7}{8}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

July
August 1965

大阪管区气象台

The Osaka

District Meteorological Observatory

Japan

観測所一覽表

List of Station

Station		Abbreviation	Seismo- graph	Lat. (N)	Long. (E)	Height (m)
浜田	Hamada	HDM	W, S	34° 54'	132° 04'	18.8
彦根	Hikone	HKN	W, S	35 16	136 15	88.8
姫路	Himeji	HMJ	P, S	34 50	134 42	17.6
広島	Hiroshima	HRSM	W, S	34 22	132 26	29.7
高知	Kochi	KOCH	W, S	33 34	133 33	40.4
神戸	Kobe	KOB	P, S	34 41	135 11	58.8
京都	Kyoto	KYT	V ₁ , O _p , S	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	P, S	35 28	135 23	31.2
松江	Matsue	MTE	P _H , S	35 27	133 04	18.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotonisaki	MRTM	W, S	33 15	134 11	185.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	P, S	34 41	133 55	3.8
大阪	Osaka	OSK	V ₁ , S	34 39	135 32	5.1
西郷	Saigo	SIG	P _H , S	36 12	133 20	27.7
清水	Shimizu	SMZ	W, S	32 43	133 01	30.2
潮岬	Shionomisaki	SMSK	W, S	33 27	135 46	74.3
洲本	Sumoto	SMT	V ₁ , O _p , S	34 20	134 54	109.6
高松	Tekamatsu	TKMT	W, S	34 19	134 03	9.6
徳島	Tokushima	TKSM	P, S	34 04	134 35	1.8
鳥取	Tottori	TTR	P, S	35 31	134 11	17.7
豊岡	Toyooka	TYOK	W, S	35 32	135 50	4.2
剣山	Tsurugisan	TRGS	P _H , S	34 03	134 10	56.1
宇和島	Uwajima	UWJM	P _H , S	33 14	132 33	43.4
和歌山	Wakayama	WKYM	W, S	34 14	135 10	14.3
米子	Yonago	YNG ^c	P, S	35 26	133 21	7.1
亀山	Kamayama	KMYM	W, S	34 51	136 28	69.2
名古屋	Nagoya	NGY	V ₁ , O _p , S	35 10	136 58	55.7
尾鷲	Owashi	OWS	V ₁ , O _p , S	34 04	136 12	16.1

Station Map

Number of earthquakes

July, 1965

Station \ S.I.	0	I	II	III	IV	V	VI	VI	Total
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Kinki District

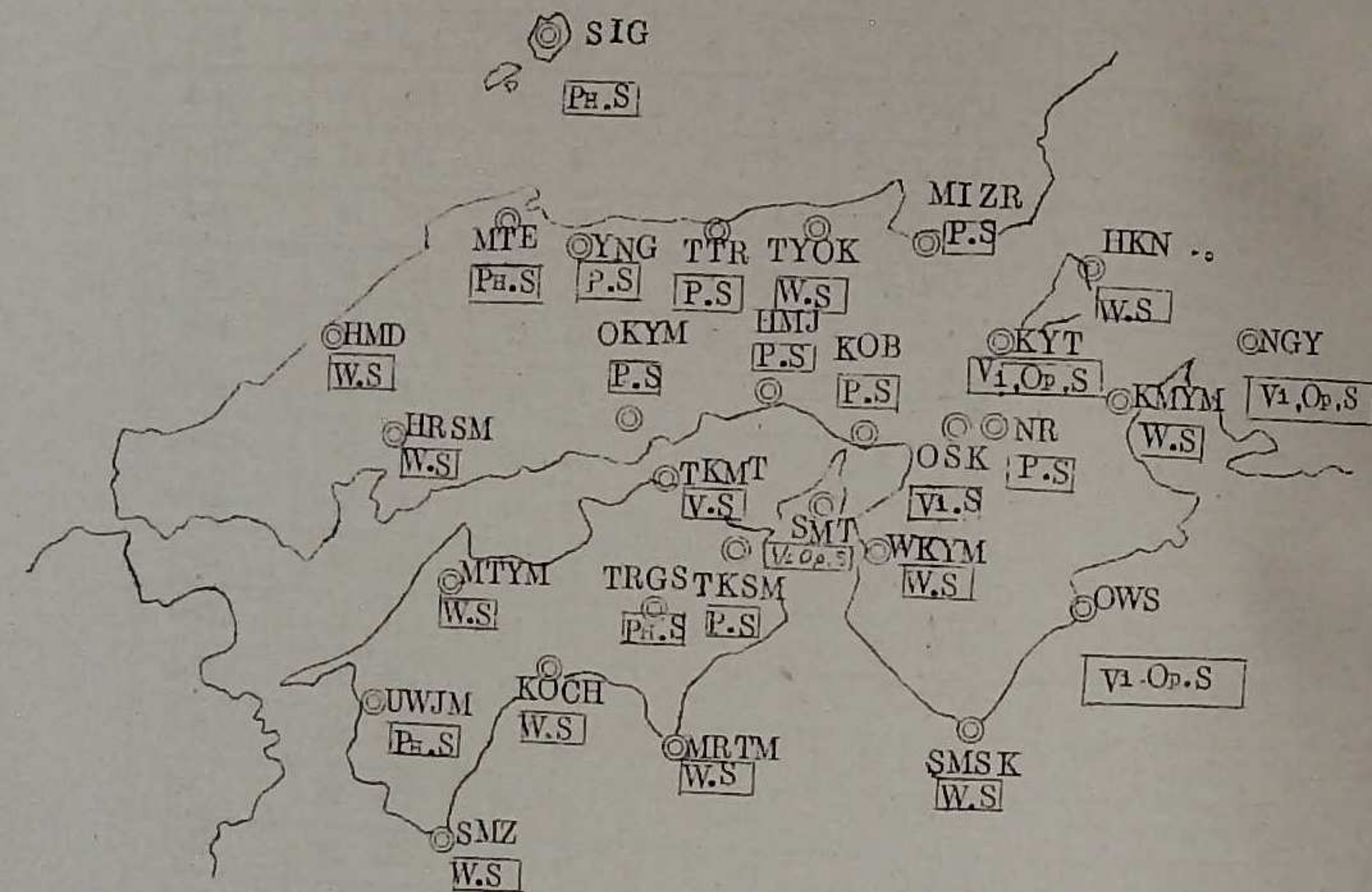
Hikone	21	1	-	-	-	-	-	-	22
Himeji	1	1	-	-	-	-	-	-	2
Kōbe	3	-	-	1	-	-	-	-	4
Kyōto	11	1	-	-	-	-	-	-	12
Maizuru	2	-	-	-	-	-	-	-	2
Nara	6	1	-	-	-	-	-	-	7
Osaka	13	1	-	-	-	-	-	-	14
Shionomisaki	7	-	-	-	-	-	-	-	7
Sumoto	7	1	-	-	-	-	-	-	8
Toyooka	14	1	-	-	-	-	-	-	15
Wakayama	12	2	-	-	-	-	-	-	14

Chugoku District

Hamada	5	-	-	-	-	-	-	-	5
Hiroshima	7	-	1	-	-	-	-	-	8
Matsue	4	-	-	-	-	-	-	-	4
Okayama	1	1	-	-	-	-	-	-	2
Saigō	2	-	-	-	-	-	-	-	2
Tottori	3	1	-	-	-	-	-	-	4
Yonago	4	-	-	-	-	-	-	-	4

Shikoku District

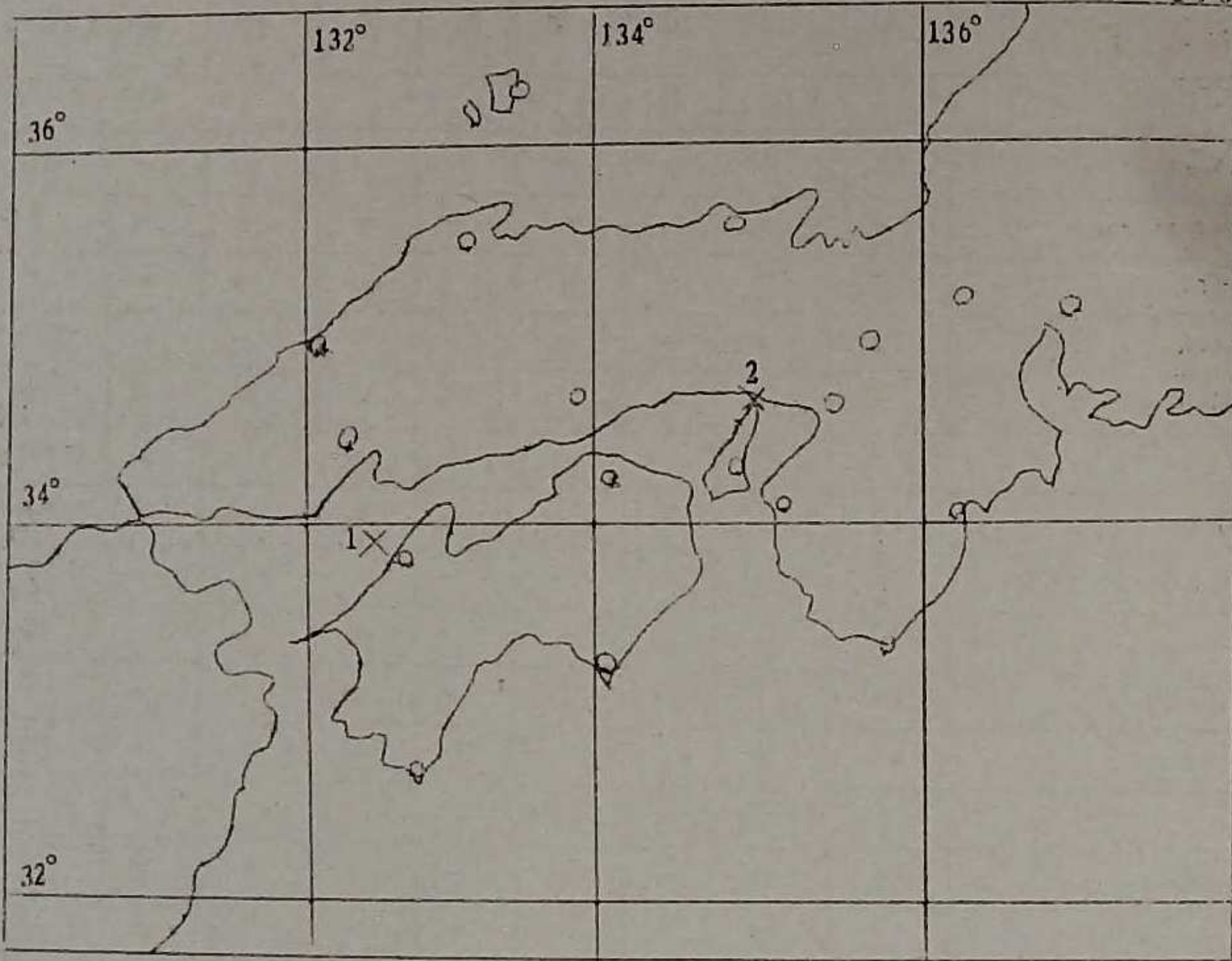
Kōchi	8	-	-	-	-	-	-	-	8
Matsuyama	9	-	1	-	-	-	-	-	10
Murotomisaki	7	-	-	-	-	-	-	-	7
Shimizu	9	-	-	-	-	-	-	-	9
Takamatsu	6	-	-	-	-	-	-	-	6
Tokushima	7	-	-	-	-	-	-	-	7
Tsurugisan	4	-	-	-	-	-	-	-	4
Uwajima	1	2	-	-	-	-	-	-	3



- Op: Electromagnetic seismograph with optical recorder
($T_0=1.5\text{sec}$, $V=500\sim 1000$)
- P: New-type portable seismograph ($T_0=2$, $V=60$)
- PH: Portable seismograph, horizontal only ($T_0=3\sim 4$, $V=50$)
- S: Strong motion seismograph ($T_0=5\sim 6$, $V=1$)
- V1: Electromagnetic seismograph with visible recorder
($T_0=5$, $V=100$)
- W: Wiechert seismograph
($T_0=5$, $V=80$)

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

July, 1965



No	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat. °N	Long. °E		Depth Km
1	13	03 ^h 51 ^m	安芸灘 Inland Sea , west Japan	34.0	132.5	40	III
2	20	13 04	明石海峡 Akashi Channel (Hyogo Pref.)	34.6	135.1	10	III

Date	Station	S.I.	Pha	Time (J.S.T.)			Initial Motion(μ)	Pha.	Max. Amplitude						Remarks		
				h	m	s			P-Pha			S-Pha				P-Pha	
									m	s	N	E	Z	N			E
1	NGY	0	eP	05	26	54.0	+0-0+1	S	246	24.6	8.6	3	3	2	1		
1	NGY	0	eP	10	24	20.8	+0	S	25.4	15	14	5	2	2	1		
1	KMYM	0	eP	24	25.9		-3	eS	56.6	8.6	4	3	3	2			
	HKN	0	eP	24	30.0			eS	27.7	15	11	4	2	2	2		
	OSK	0	X	25	09.5					16	12	6	4	4	3		
1	WKYM	1	P	20	27	13.7		S	1.0	26	32	13	1	1	1		
3	NGY	0	iP	06	06	31.5	-2-2+4	S	6	22.5	31	35	11	2	2	2	アリウシヤ ン東部
	HKN	0	P	06	34.0			eS	5	41.0	24	20	15	2	2	2	E Part of Aleutian Is.
	KMYM	0	P	06	36.6		-1-3+10	eS	6	02.8	30	21	40	2	3	2	53.1°N 167.7°W 59Km (USCGS)
	KYT	0	iP	06	38.7		-2-3+1	iS	5	21.4	20	20	26	3	3	2	
	TYOK	0	P	06	38.9		-5-5+6	S	6	23.1	49	47	21	1	1	1	
	NR	0	eP	06	40.4												
	OWS	0	iP	06	41.8		-2(+)	S	6	25.2	8	18		2	3		
	OSK	0	iP	06	42.5		+7	eS	6	25.9	88	97	110	4	2	3	eL 12 54.-
	TTR	0	eP	06	43.1												
	KOB	0	eX	06	43.6												
	SIG	0	P	06	43.6		-5-5										
	SMT	0	iP	06	46.1		-2-2+4	iS	6	30.3	9	7	14	4	6	2	L 14 14.-
	WKYM	0	eP	06	46.6			eS	6	27.7	17	12		2	1		
	YNG	0	P	06	48.3		+2										
	SMSK	0	iP	06	48.7		+8	eS	6	24.9	16	13	38	7	3	3	eL 9 52.3
	TKMT	0	iP	06	50.6		-5-4+3	eS	6	31.9	17	18	17	1	1	1	eL 12 00.-
	TRGS	0	eP	06	54.0												
	MRTM	0	eP	06	54.7			eS	6	36.0	11	11	13	2	3	2	
	KOCH	0	eP	06	57.5		-2-3	eS	6	37.4	11	7		28	30		
	HMD	0	P	06	57.8		-4-3+8				10	11	33	2	2	2	iX 6 35.9
	HRSM	0	iP	06	58.2		-2-2+5	eS	6	38.0	7	6	18	21	26	3	

Date	Station	S.I	pha	Time (J.S.T)	Initial Motion(μ)	pha.	Max. Amplitude						P-pha	P-pha	Remarks
							Amplitude		Period		P-pha				
				h m s	N E Z		m s	N E Z	N E Z	N E Z	m s				
	MTYM	0	iP	06 59.2	-2 -4 +4	e S	6 37.5	10 10 22	5 2 3						
	MTE	0	eP	07 07.5		e S	6 34.0								
	SMZ	0	eP	07 10.7			10 7 20	32 31 2		eX	6 29.8				
4	NGY	0	iP	00 24 51.0	+1 +4	i S	30.0	22 16 7	3 2 2						
	KMYM	0	eP	24 56.6		e S	40.5	6 5 5	3 3 3						
	HKN	0	eP	24 58.7		S	36.6	14 12 4	1 2 1						
	KYT	0	iP	25 04.8	-1 -1 -1	i S	39.2	4 3 2							
	TYOK	0	P	25 14.0			12 8	1 1							
	OSK	0	X	25 49.9			12 12 6	3 3 3							
4	KMYM	1	iP	02 51 02.9	-6 -1 +3	i S	1.9	64 110 47	0 0 0						
4	HRSM	0	eP	08 27 21.2		e S	9.0	10 8 2	0 0 0						
	MTYM	0	eP	27 24.3		i S	7.7	35 27 17	1 1 0						
4	WKYM	0	P	09 06 11.1		S	0.8	11 8							
4	KMYM	0	P	19 20 33.5		i S	2.7	9 6 4	0 0 0						
5	SMZ	0	eX	03 19 45.3		e X	56.6	14 7 1	1 1 1						
6	WKYM	1	P	17 18 27.5		S	2.7	39 42 17	1 1 1						
7	SMSK	0	X	08 43 54.4				7 4 13	3 2 2					ソロモン群島	
	MRTM	0	iX	43 58.7				5 6 7	2 2 3					Solomon Is.	
	SMZ	0	eX	44 00.5		e S	5 41.2							4.5° S	
	KMYM	0	iP	44 01.7	+5 -3 +2	e S	5 38.6	8 5 17	2 3 3					155.1° E	
	TKSM	0	eP	44 02.2										510km	
	NGY	0	iP	44 02.4	+7 -3 +3			14 14 16	3 3 3					(USCGS)	
	SMT	0	iP	44 03.3	+2 -3 +8			3 5 12	2 2 2						
	OSK	0	iP	44 03.4		S	6 01.0	24 20 17	3 3 3						
	KYT	0	iP	44 05.2				3 2 3	2 1 2						
	HKN	0	iP	44 06.1	+8 (-) +20	e S	5 47.5	31 23 22	1 2 3						
	TKMT	0	iP	44 06.1	+8 -6 +12			10 8 13	1 1 2						

Date	Station	S.I	pha	Time (J.S.T)	Initial Motion(μ)	pha.	Max. Amplitude						P-pha	P-pha	Remarks
							Amplitude		Period		P-pha				
				h m s	N E Z		m s	N E Z	N E Z	N E Z	m s				
	MTYM	0	iP	44 07.5	+5 -4 +2	e S	5 50.8	6 5 13	2 2 2						
	HRSM	0	iP	44 11.3	+3 -2 +6			5 3 12	3 3 2	X	5 55.1				
	TYOK	0	iP	44 12.2	+9 -5 +1			21 8 13	1 2 3						
	HMD	0	iP	44 16.8	+2 -1 +8	S	5 57.9	5 10 10	3 5 3						
8	OVS	0	iP	06 39 40.4	-2 (+)	S	35.6	63 16 15	3 3 3					八丈島西方	
	SMSK	0	iP	39 42.1	+5 -5 +20	i S	37.9	120 45 23	4 3 3					Near Hachijo-shima I.	
	NGY	0	iP	39 43.2	-6 +3 -8	i S	40.0	220 140 47	3 3 3						
	KMYM	0	iP	39 44.1	-8 +6 -3	i S	40.0	160 84 67	3 3 3						
	NR	0	iP	39 45.6		i S	46.3							(32.8° N)	
	OSK	0	P	39 49.9		i S	44.7	380 200 86	3 4 3					(138.9° E)	
	KYT	0	iP	39 50.3	-2 +1 -2	i S	44.3	56 41 24	3 3 2					(240 km)	
	HKN	0	iP	39 50.4	-2 +14 -2	i S	42.6	200 160 57	2 2 3					(OMO)	
	WKYM	0	P	39 51.1		S	44.3	93 33	3 2						
	SMT	0	P	39 52.8		i S	46.0	47 20 22	3 3 4						
	KOB	0	eP	39 53.3	(-)	e S	46.5								
	TKSM	0	eP	39 56.0		i S	48.1								
	TRGS	0	P	39 57.1		S	50.9								
	MRTM	0	P	39 57.6		i S	49.6	33 12 8	3 2 2						
	TYOK	0	iP	40 01.0	-5 +8 -7	S	53.7	63 23 16	3 1 3						
	TKMT	0	eP	40 01.3		i S	51.7	18 16 2	2 2 1						
	KOCH	0	iP	40			57.5	15	3						
	TTR	0	eP	40 06.3			58.1	10	2						
	SMZ	0	eP	40 07.7		S	101.4	14 7	3 3						
	MTYM	0	eP	40 10.9		i S	101.5	13 6 3	2 3 3						
	YNG	0	iP	40 13.8	+4 -4 +7	S	103.9								
	SIG	0	P	40 17.6	-5 +5	S	108.4								
	HRSM	0	eP	40 19.6		e S	102.2	11 4 6	4 3 2						

Date	Station	S.I.	P-ha.	Time (J.S.T.)			Initial Motion (u)			p~P-ha.	Max. Amplitude				Remarks			
				h	m	s	N	E	Z		m	s	N	E		Z		
	HMD	0	P	40	24	.1	+1	-2	S	1	07	9	11	4	4	4	3	4
	MTE	0	eP	40	30	.8			S	1	05	6						
8	WKYM	0	P	22	08	43.7			S		09		13	8		1	1	
12	NGY	0	eP	01	16	04.0			S	3	80		42	28		2	2	
	HKN	0	P	16	09	.5			e S	3	56		49	31	12	1	1	1
	KMYM	0	eP	16	14	.2			e S	3	40		19	9	8	2	2	1
	KYT	0	eP	16	15	.3			i S	3	90		9	6	4	1	1	2
	TYOK	0	eP	16	28	.7			e S	4	88		32	20		1	1	
	OSK	0	eX	16	30	.2			S	4	53		24	23	13	3	2	2
12	NGY	0	P	16	45	42.0	-1		S	8	0		30	14		0	0	
	HKN	0	eP	45	51	.3			S	1	45		9	7	4	1	1	0
13	HRSM	2	iP	03	51	09.0	+4	-2	+6	i S	7	6	80	66	39	0	0	0
	MTYM	2	iP	51	09	.2	-5	+27	+41	i S	7	8	200	180	68	1	1	1
	UWJM	1	eP	51	12	.2			S	1	06							
	KOCH	0	iP	51	16	.9			i S	1	40		25	23	4	1	1	1
	HMD	(1)	eP	51	17	.2			S	1	32		30	22	7	1	1	0
	TRGS	0	P	51	21	.5			e S	9	0							
	TKMT	0	eP	51	22	.9			i S	1	77		24	20	14	1	1	1
	SMZ	0	eP	51	23	.0			S	1	76		15	18		1	1	
	OKYM	0	eP	51	24	.0			i S	2	05		34	37		1	1	
	TKSM	0	eP	51	26	.0			i S	1	84							
	MTE	0	eP	51	26	.5			S	2	00							
	YNG	0	iP	51	27	.3	-2		i S	2	15							
	MRTM	0	P	51	27	.8			i S	2	44		8	12	5	1	1	1
	SMT	0	P	51	33	.5	(-)		e S	1	59		5	4	4	1	1	1
	TTR	0	eP	51	33	.9			e S	2	61		15	13		1	1	
	SMSK	0	eP	51	41	.7			e S	5	06		4	7	3	2	2	2

安芸灘
Inland
Sea, West
Japan
{ 34.0° N
132.5° E
40 km
(OMO)

Date	Station	S.I.	P-ha.	Time (J.S.T.)			Initial Motion (u)			p~P-ha.	Max. Amplitude				Remarks				
				h	m	s	N	E	Z		m	s	N	E		Z			
	TYOK	0	eP	51	46	.1			e S	3	79		44	55	9	1	1	1	
	HKN	0	P	51	52	.8			e S	1	05		8	6	3	1	1	1	
	OSK	0	X	52	29	.1							7	10	5	3	3	2	
14	WKYM	0	P	01	40	53.9			S	3	5		24	17		1	1		
15	HKN	0	eP	13	18	07.0			i S	2	5		5	8	2	0	0	0	
15	HKN	0	eP	19	15	55.6			i S	7	5		10	25	4	0	0	0	
	TYOK	0	eP	15	59	.4			S	1	17		17	8		1	1		
	NR	0	eP	16	04	.1			e S	1	52								
16	HKN	0	eP	03	38	54.6			S	4	11		6	6		1	1		
	NGY	0	X	43	09	.0							6	4	1	3	3	2	
16	WKYM	0	P	06	29	29.4			S	9	5		20	13		1	1		
	OSK	0	P	29	31	.3			-3 i S	9	7		6	1	2	0	1	1	
	NR	0	eP	29	32	.9			i S	8	9								
	SMT	0	P	29	32	.9	(-)	(-)	i S	9	9		9	5	1	1	0	0	
	KYT	0	eP	29	35	.5			i S	10	5		18	13	4	0	0	1	
	TKSM	0	eP	29	37	.2			e S	1	15								
	HKN	0	P	29	40	.9			i S	14	9		10	5		1	1		
	TYOK	0	eP	29	44	.3			S	1	84		7	5		1	1		
16	OVS	1	P	08	39	22.2			S	6	6		20	16					
	NR	0	iP	39	24	.2			i S	8	4								
	KMXM	0	iP	39	28	.2	+1	+1	+8	i S	10	4		14	8	8	0	0	0
	KYT	0	iP	39	28	.6			i S	1	11		5	14	3	0	0	1	
	SMSK	0	eP	39	29	.4			e S	10	6		13	10		0	0		
	OSK	0	iS	39	34	.2							12	9	3	0	1	1	
16	UWJM	1	iP	16	56	33.4			(+)	e S	1	0							
	MTYM	0	eP	56	40	.4			i S	1	20		8	7	2	0	1	0	
	SMZ	0	eP	56	42	.4			e S	1	27								

奈良県特部
S part of
Nara Pref
{ 34 1/4° N
135 3/4° E
40 km
(OMO)

奈良県特部
S part of
Nara Pref
{ 34 1/4° N
136° E
50 km
(OMO)

Date	Station	S.I.	pha.	Time (J.S.T.)	Initial Motion (h m s) NE Z	pha.	p~Pha	Max. Amplitude				p~Pha	Remarks					
								AMP. (u)		period (sec)								
				h	m	s	m	s	N	E	Z	N	E	Z	m		s	
18	SMZ	0	eP	03:09:58.0		S		33.1	8	7	1	1			屋久島近海 Near Yakushima I. (30.8°N 130.2°E 100 km (JMA))			
	MTYM	0	eP	10:06.1		eS		4600	7	6	2	1	1	1				
	KOCH	0	iP	10:08.4	+2	iS		48.4	6	5	1	1						
	MRTM	0	iP	10:12.2	+4 +2 +3	iS		44.1	7	12	5	1	1	0				
	TKSM	0	iP	10:23.1	+1 +1 +1	iS		53.2										
	TYOK	0	iP	10:38.2	+1 +1 +3													
	HKN	0	P	10:49.0		eS	1	116	8	7	4	2	1	1				
	NGY	0	eP	10:54.9	+1 -2	S	1	16.7	5	12	1	1						
18	NGY	0	eP	11:10:18.0		eS		39.0	7	5	3	2						
18	WKYM	0	P	11:38:47.2		S		11.9	11	20	1	1						
18	NGY	0	eP	16:50:22.6		eS		36.4	7	8	2	3	1	1				
	HKN	0	eP	58:31.4		eS		42.5	9	5	3	3	1	1				
19	KOCH	0	iP	04:18:30.9		iS		1.1	9	12	0	0						
19	KYT	0	iP	15:40:23.1	+1 -1 +1	iS	1	33.9	5	4	2	2	2	2				
	HKN	0	P	49:24.6		S	1	34.3	10	7	1	2	2	2				
	NGY	0	eP	59:50.8	-2 +2				5	6	3	3						
	OSK	0	X	50:55.1					18	14	7	3	3	3				
20	KOB	3	iP	13:04:10.1	-6 +8 +5	iS	2.4	80230700	1	1	1				明石海峡 Akashi Channel (Hyogo Pref.) (34.6°N 135.1°E 10 km (OMO))			
	SMT	1	iP	04:12.3	+1 -2 -2	iS	4.3	51:53 30	1	2	1							
	OSK	1	iP	04:14.3	-8 -3	iS	6.3	99:110:65	1	1	1							
	HMJ	1	iP	04:14.5	-2 +1 -1	iS	5.5	86:55 31										
	WKYM	1	P	04:14.6		S	3.9	79:92 19	1	1	1							
	NR	1	iP	04:16.0	-6 -5 -14	eS	9.2											
	KYT	1	iP	04:19.6	-9 -12 -5	iS	9.0	86:58 25	0	0	0							
	TKSM	0	eP	04:19.8		iS	8.4											
	TKMT	0	eP	04:22.0		iS	11.2	56:42 25	1	1	1							
	OKYM	1	iP	04:24.2		iS	12.6											

Date	Station	S.I.	pha.	Time (J.S.T.)	Initial Motion (h m s) NE Z	pha.	p~Pha	Max. Amplitude				p~Pha	Remarks						
								AMP. (u)		Period (sec)									
				h	m	s	h	m	s	N	E	Z	N	E	Z	m		s	
	TYOK	1	P	04:24.2	+9 -4 +14	iS		12.72	50	240	140	1	1						
	OVS	0	iP	04:26.0	-4 +7 (+)	S		14.0	21	13	12	1	1	1					
	KMYM	0	P	04:27.6	-1 -5			15.7	38	41	29	1	1						
	TTR	1	iP	04:28.1	-4	iS		14.9	97	74	26	1	1	1					
	HKN	1	iP	04:28.3	-7 -8 -6	iS		14.5	140	81	32	1	1	1					
	SMSK	0	eP	04:30.8		eS		14.2	10	14	10	2	2	2					
	YNG	0	P	04:35.2	(+)	S		21.2											
	KOCH	0	eP	04:36.4	+1 +1	eS		18.9	9	8	1	1							
	MRTM	0	eP	04:36.7		eS		18.9	10	10	5	1	1	1					
	NGY	0	eP	04:37.8	-1 -1	S		21.4	22	18									
	MTE	0	eP	04:39.8		S		23.9											
	TRGS	0	P	04:40.7		S		15.0											
	MTYM	0	eP	04:42.7		eS		25.5	11	10	1	1							
	HRSM	0	eP	04:45.3					5	3	5	2	2	2	X	31.3			
	SMZ	0	eP	04:59.2		eS		33.1											
20	WKYM	0	P	13:04:14.6		S		3.9	79	92	19	1	1	1					
21	WKYM	0	P	01:43:34.3		S		0.7	4	3	1	1							
21	WKYM	0	P	02:51:22.4		S		1.4	8	7	1	1							
21	HKN	0	eP	19:58:03.0		iS		41.9	6	8	5	1	0	0					
21	KOCH	0	iP	20:36:20.5		iS		3.5	28	14	0	0			高知県中部 Central part of Kochi Pref.				
	MTYM	0	eP	36:27.7		iS		9.7	9	7	3	1	1	0					
	UWJM	0	eP	36:29.5		iS		9.8											
	TKSM	0	eP	36:34.7		iS		15.2											
	HRSM	0	eP	36:38.2		iS		14.3	6	5	2	0	0	0					
25	NGY	0	eP	22:35:26.4		S		202.4	11	9	1	3							
	OSK	0	X	37:40.8					10	10	5	2	4	3					
26	WKYM	0	P	09:19:21.6		S		4.0	11	11	1	1							

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (u)	pha.	P-Pha.				pha.	P-Pha.	Remarks	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (u)	pha.	P-Pha.				pha.	P-Pha.	Remarks									
				h	m	s			N	E	Z	m							s	N	E			Z	N	E	Z				h	m	s	N	F	Z	m	s	N
27	KMYM	0	P	01	19	21.0	(+)(+)+2	S	1	10.8	14	13	8	4	3	4			0	HMJ	0	e P	09	58	57.4		e S	1	49.7										
	NGX	0	P	19	22.5	-3 +2 (-)	S	1	10.3	11	16		2	3				0	NGY	0	e P	11	15	37.6	+2-4			9	5	1	1								
	KYT	0	i P	19	25.2	-1 +1 -1	i S	1	14.6	2	2	1	2	1	1				HKN	0	e P	15	44.9			e S	12.3	7	5	2	4	1	1						
	HKN	0	P	19	26.8		i S	1	13.9	15	10		2	2					01	NGY	0	e P	16	37	43.6		S	1	08.6	22	6	6	2						
	TYOK	0	e P	19	34.4		S	1	19.3	5	7		2	4						KMYM	0	e P	37	47.6			S	1	24.3	23	4	13	3	5	5				
27	NGY	0	e P	23	00	12.3	+1 +1	e S	35	3	8	5	1	3	2	1																							
28	NGY	0	e P	14	59	04.6	+1 +1 -4	S	23	8	14	11	4	3	2	1																							
	KMYM	0	P	59	10.7	(+)(+)-3	i S	28	3	6	5	4	1	1	1																								
	HKN	0	e P	59	10.9		e S	25	0	10	9	4	2	1	0																								
29	NGY	0	e P	17	36	58.0	-1 -1	S	6	07.6	13	16		2	3																								
	KMYM	0	P	37	01.9	+1 +1 -2	S	6	01.5	13	14	18	4	6	4																								
	HKN	0	e P	37	02.2		e S	6	10.5	14	9		3	1																									
	KYT	0	i P	37	05.1	-1 -1 +2	i S	6	15.9	16	10	5	5	6	7																								
	NR	0	e P	37	06.7																																		
	OSK	0	e P	37	06.8		e S	6	05.2	92	66	38	5	4	3																								
	TYOK	0	i P	37	08.0	-7	i S	6	17.9	20	19	10	2	1	2																								
	KOB	0	e X	37	10.1																																		
	SMT	0	e P	37	12.1	(-)(-)+1	S	6	24.1	13	7	10	6	4	4	L 13 18.1																							
	SMSK	0	e P	37	13.1		e S	6	20.6	11	12	11	5	6	3																								
	TKMT	0	e P	37	15.9		e S	6	27.5	7	8	1	6	6	1																								
	WKYM	0	P	37	17.3		S	6	16.2	12		1			e X 9 23.1																								
	HRSM	0	e P	37	23.6		e S	6	33.2	11	3	5	5	10	2																								
	MRTM	0	e P	37	23.7		e S	6	28.8	4	5		3	3																									
	KOCH	0	e P	37	24.1		e S	6	32.8	6	6		4	5																									
	MTYM	0	e P	37	25.8		e S	6	33.7	11	8	7	6	6	6																								
HMD	0	e P	37	25.8		S	6	38.4		10	11	6	3	i X 1 38.8																									
SMZ	0	e P	37	35.0		e S	6	33.0																															

Report of Earthquakes

Station not equipped with Seismograph

昭和40年7月

July 1965

Date	Station		Prefecture	S.I.	Time (J.S.T.)	Charact- er of tremor	Earthqua- ke sound	Dura- tion of tremor
13	Kabe	可部	Hiroshima	III	03 ^h 40 ^m			
	Saeki	佐伯	"	III	54			
	Innoshima	因島	"	II	50			
	Hatsukaichi	廿日市	"	II	51			
	Syōbara	庄原	"	II	51			
	Kure	呉	"	II	51			
	Chiyoda	千代田	"	II	52			
	Kawamoto	川本	Shimane	II	52			
	Toyosaka	豊栄	Hiroshima	II	55			
	Saijō	西条	"	II	04 00			
	Minari	三成	Shimane	I	00			
16	Kazaya	風屋	Nara	I	06 30	R		S
16	Zenki	前鬼	"	I	08 39	R		S
	Futatsuno	二津野	"	I	40	SL		S
20	Sueno	末野	Hyōgo	III	13 04	R	heard	S
	Rokutanji	六湛寺	"	III	04	R		S
	Nishiwaki	西脇	"	II	04	R		VS
	Sonobe	園部	Kyoto	II	04			
	Mizuho	瑞穂	"	II	04			
	Ikunominami	生野南	Hyōgo	II	05	R		S
	Nakamachi	中町	"	II	05	R		VS
	Miki	三木	"	II	05	VR		S
	Echigawa	愛知川	Shiga	I	04			

Number of earthquakes

Aug. 1965

Station	S. I.	0	I	II	III	IV	V	VI	VII	Total
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Kinki District

Hikone	10	-	-	-	-	-	-	-	-	10
Himeji	-	-	-	-	-	-	-	-	-	0
Kōbe	1	-	-	-	-	-	-	-	-	1
Kyōto	10	-	-	-	-	-	-	-	-	10
Maizuru	-	-	-	-	-	-	-	-	-	0
Nara	4	-	-	-	-	-	-	-	-	4
Ōsaka	17	-	-	-	-	-	-	-	-	17
Shionomisaki	8	1	-	-	-	-	-	-	-	9
Sumoto	12	-	-	-	-	-	-	-	-	12
Toyooka	14	-	-	-	-	-	-	-	-	14
Wakayama	10	3	1	-	-	-	-	-	-	14

Chūgoku District

Hamada	7	-	-	-	-	-	-	-	-	7
Hiroshima	4	-	-	-	-	-	-	-	-	4
Matsue	2	-	-	-	-	-	-	-	-	2
Okayama	1	-	-	-	-	-	-	-	-	1
Saigō	1	-	-	-	-	-	-	-	-	1
Tottori	-	-	-	-	-	-	-	-	-	0
Yonago	-	-	-	-	-	-	-	-	-	0

Shikoku District

Kōchi	8	-	-	-	-	-	-	-	-	8
Matsuyama	4	-	-	-	-	-	-	-	-	4
Murotomisaki	7	-	-	-	-	-	-	-	-	7
Shimizu	3	-	-	-	-	-	-	-	-	3
Takamatsu	4	-	-	-	-	-	-	-	-	4
Tokushima	5	-	-	-	-	-	-	-	-	5
Tsurugisan	3	-	-	-	-	-	-	-	-	3
Uwajima	3	-	-	-	-	-	-	-	-	3

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	Max. Amplitude						P-Pha.	Remarks		
							P-Pha.		Amp (μ)		Period (Sec)				Pha.	P-Pha.
							m	s	N	E	Z	N				
							m	s	N	E	Z	m			s	
1	WKYM	1	P	07 29 318		S	15	41	34	10	1	1	1		オホーツク海 南部 (深発) S part of Okhotsk Sea (deep)	
2	NGY	0	iP	00 05 447	-2 +2 +3			12	10	9	3	2	1			
	HKN	0	eP	05 482		S	2:209	14	13	5	1	1	1			
	KMYM	0	P	05 489		S	2:252	7	5	3	4	4	3			
	KYT	0	iP	05 496	+1 +0 +0	iS	2:268	8	4	7	1	1	1			
	TYOK	0	P	05 516				39	24	7	1	1	2	X 2:241		
	NR	0	eP	05 535												
	OSK	0	eP	05 560		S	2:348	14	18	6	4	5	3			
2	TYOK	0	iP	16 34 492	+7 -7 -3			9	7		1	1				
2	SMSK	0	eP	22 32 597		eS	10:586	10	2		16					
	SMT	0	eP	33 052		eS	3:411	5	1	3	17	3	5	eL 12:25		
	OSK	0	eP	33 086				8	10	4	5	5	2	eX 10:434		
	HMD	0	eP	33 106		eS	10:244	7	2	4	20	5	4	eL 24:490		
	HRSM	0	eP	33 16		eS	10:25	7	2	2	19	21	5			
	KOCH	0	eP	33 160				8	5		20	18		eX 11:033		
	MTYM	0	eP	33 163		eS	10:548	8	2		16	12				
	TYOK	0	X	33 216				16			10			X 11:092		
3	NGY	0	eP	17 31 166	-1 +2 -1	S	260	46	46	14	2	1	1	X 562		
	KMYM	0	P	31 211	+3 +1 -3	S	550	39	29	20	5	4	6			
	OWS	0	P	31 224				7	8	8	6	6	6			
	NR	0	eP	31 258												
	HKN	0	P	31 263		eS	310	35	38	13	2	2	3			
	KYT	0	iP	31 298	+1 +2 +1	iS	347	12	13	9	6	8	7			
	SMSK	0	eP	31 301		eS	378	9	6	4	8	4	5			
	OSK	0	eP	31 316		iS	396	96	90	21	5	5	3			
	SMT	0	P	31 382		(+) S	1:288	8	7	6	8	7	8	X 402		
	TYOK	0	eP	31 46				21	17	7	2	2	6			

伊豆半島
南方沖
Off S
coast of
Shizuoka
Pref.
(34.2°N
139.0°E
0 km
(JMA))



Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	Max. Amplitude						P-Pha.	Remarks		
							P-Pha.		Amp (μ)		Period (sec)				Pha.	P-Pha.
							m	s	N	E	Z	N				
							m	s	N	E	Z	m			s	
	KOCH	0	eP	31 558		eS	1:089	3	4		4	4				
	TRGS	0	P	31 560												
3	KYT	0	eP	22 49 550		iS	1:202	6	7	4	1	1	1			
	NGY	0	P	50 056	-1	S	448	19	20	7	2	2	1			
	KMYM	0	eP	50 145		eS	393	10	8	7	2	2	2			
	HKN	0	eP	50 202		S	460	20	19	8	1	1	1			
	TYOK	0	eP	50 497				13	12		1	1				
	OSK	0	X	51 534				14	17	6	4	5	3			
4	WKYM	0	P	15 20 008		S	17	27	29	25	1	1	1			
	UWJM	0	P	15 33 516		S	88									
5	HMD	0	P	09 15 576	+2 +4	eS	6:045	5	4	5	6	6	4	eL 10:099		
	OSK	0	X	18 362				15	13	6	5	4	3			
6	WKYM	0	P	00 46 281		S	06	8	7		1	1				
7	MTE	0	eP	03 16 544		S	1:197							日本海北部 N Part of Japan Sea (414°N 1312°E 560 km (USCGS))		
	HMD	0	eP	16 566		S	1:244	7	11		2	4				
	TYOK	0	eP	16 575		iS	1:214	25	12	3	2	1				
	HKN	0	P	17 035		S	1:263	24	48	11	1	1	1			
	KYT	0	eP	17 048		iS	1:268	6	7	4	2	2	2			
	TKMT	0	eP	17 055	-4	iS	1:295	8	9		2	2				
	NGY	0	eP	17 057	(-) (+) (+)	S	1:311	12	11	4	3	2	1			
	SMT	0	P	17 059	(-) (+)	iS	1:316	6	7	2	3	4	2			
	KMYM	0	P	17 059		iS	1:319	16	22	7	2	3	2			
	TKSM	0	eP	17 100		eS	1:321									
	MRTM	0	P	17 323		S	1:276									
	OSK	0	eX	18 368				10	15	9	3	4	2			
7	UWJM	0	eP	16 04 038		iS	102									
8	KYT	0	eP	02 59 019	-1 -3 -1	iS		18	10	10	2	0	0	1		

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Pha.					
							Amp(μ)		Period(sec)	Amp(μ)		Period(sec)			
	NR	0	eP	59 062		i S	52								
9	NGY	0	P	19 17 456	+1 -2 (+)	S	244	26	21	10	2	1	1		
	KMYM	0	P	17 488		S	585	19	13	8	4	7	3		
	OWS	0	P	17 508			4	5	6	3	4	3			
	HKN	0	iP	17 549	-6 +6 -6	S	325	8	22	7	2	2	2		
	KYT	0	iP	17 583	-3 +7 -7	i S	359	7	6	5	2	1	1		
	OSK	0	eP	18 00		e S	34	27	30	9	5	5	2		
	TYOK	0	eP	18 100			11	9		1	1				
9	MRTM	0	iP	22 43 404	-1 +0 -5	i S	54	11	10	7	0	0	0		
10	NR	0	eP	14 34 167		e S	68								
10	HKN	0	P	5 20 571		S	17.6	13	11		1	1			
	NGY	0	eP	21 436	-1 -1 -1	S	136	15	14	4	1	1	1		
	KMYM	0	eP	21 489		i S	184	7	6	3	1	1	0		
10	HMD	0	eP	2 10 222		S	779	4	7	4	0	0	0		
10	WKYM	2	P	2 22 199		S	09	140	180	180	1	1	1		
	SMT	0	P	22 200	-1 +1 -2	i S	34	17	11	2	0	0	0		
11	OWS	0	P	12 50 460						15			5		
	MRTM	0	eP	50 492				6		19					
	NGY	0	eP	50 500	+1 -2	S	7 570	7	6	4	2	2	1		
	KMYM	0	P	50 511	+3	e S	7 548	7	6	6	5	5	2		
	SMT	0	P	50 516	(-) (+)	S	8 521	4	3	5	5	4	4	eX	15:23
	HKN	0	eP	50 539		e S	8 052	8	8	7	1	2	2		
	KOCH	0	eP	50 550		e S	8 040	4			20				
	OSK	0	eP	50 551				30	21	13	4	4	3	X	8:123
	TRGS	0	eP	50 552											
	TYOK	0	eP	50 592	(-) (+) (-)	e S	8 026	12	8	5	1	1	3		
11	WKYM	0	P	17 46 455		S	10	25	15		1	1			

一ノテス
諸島
New Hebrides Is.
(USCGS)
154 S
1669 E
26 Km

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Pha.					
							Amp(μ)		Period(sec)	Amp(μ)		Period(sec)			
	SMZ	0	eX	07 41 335			14 11		19 10		eX	8 128	一ノテス 諸島 New Hebrides Is. (USCGS) 158 S 1672 E 33 Km		
	SMSK	0	eP	41 367		e S	8 126	i 2	7 6	17 15 15	eL	14 570			
	OWS	0	P	41 384			23	5	13	17 15 16					
	MRTM	0	eP	41 409		e S	8 169	18	6	21 7					
	NGY	0	P	41 431	+2 -2 +3	S	8 028	1	11	7 2 3 3					
	KMYM	0	P	41 435	+1 -1 +5	e S	7 213	14	9	13 5 5 4	eL	16:275			
	WKYM	0	eP	41 443		e S	7 476	15	17	19 18	eX	13:169			
	OSK	0	P	41 449		+4 e S	8 057	45	31	17 5 5 3	L	17:55-			
	SMT	0	P	41 451	+1 -1 -2	S	8 001	6	5	7 16 12 4	L	17:20-			
	KOCH	0	eP	41 471		e S	7 54.6	8	9	5 17 20 18					
	KYT	0	iP	41 453	+1 -1 +2	i S	7 597	9	6	5 16 16 3					
	HKN	0	P	41 480		e S	8 16.1	11	9	9 2 2 5					
	TKMT	0	eP	41 490		e S	8 048	12	6	21 18					
	MTYM	0	eP	41 510				7	7	7 18 18 19					
	TYOK	0	eP	41 522		S	8 079	17	9	10 1 1 5					
	HRSM	0	eP	41 526		e S	8 170	8	6	5 18 15 4					
	TRGS	0	P	41 577											
	HMD	0	P	41 581	+1	+4 e S	8 101	11	7	9 17 10 4	eL	17 326			
12	OSK	0	X	17 11 455		e S	8 025	12	13	5 5 5 3					
12	OSK	0	eP	22 05 135				21	14	5 5 5 2	eX	9:477			
13	SMSK	0	eP	21 50 004		e S	8 221	10	11	3 18 17 3	eL	16:505	一ノテス 諸島 New Hebrides Is. (USCGS) 159 S 1668 E 33 Km		
	KMYM	0	eP	50 020		S	8 300	11	9	5 14 20 17	L	14 379			
	OSK	0	eP	50 050		e S	8 266	28	28	12 5 5 3	L	17 21-			
	SMZ	0	eP	50 079				8	13	13 14 18 19	eX	8:213			
	KYT	0	eP	50 085		e S	8 285	7	5	4 16 14 4					
	TKMT	0	eP	50 088		e S	8 304	8	7	16 18					
	HMD	0	eP	50 107		e S	8 110	8	8	3 22 17 13	eL	15 30.1			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks	
							p-Pha.	Amp(μ)			Period(sec)				
								m s	N	E	Z	N			E
	HRSM	0	eP	50 116		eS	8 383	6	8	2	19	16	3		
	MTYM	0	eP	50 121		eS	8 315	7	10	8	19	17	17		
	NGY	0	eP	50 12.6	(+) (+)	eS	8 170	6	6	4	3	2	3		
	SMT	0	P	50 158	(+)(-) +2	S	8 166	6	6	4	16	19	4	L	17 34
	OVS	0	eX	50 170				6	6	4	18	18	17	eX	8 B4
	WKYM	0	eX	50 181				6	7		16	15			
	TYOK	0	eP	50 200		eS	7 589	11	14	7	16	18	23		
	KOCH	0	eP	50 221		eS	8 104	8	7		22	21			
	HKN	0	eP	50 251		eS	8 011	10	7		8	21			
	MRTM	0	eL	58 262				10			18				
14	KOCH	0	iP	01 31 08.2		iS	21	5	6		0	0			
15	WKYM	0	P	05 57 135		S	09	7	6		1	1			
18	OKYM	0	iP	02 44 57.6	-2 (-)	iS	6.8								
	TYOK	0	P	45 09.4		iS	35	7	6		1	1			
18	UWJM	0	eP	06 48 41.7		iS	45								
19	WKYM	1	P	18 55 38.3		S	14	38	120		1	1			
20	KMYM	0	iP	00 48 49.1	-3 +1 +3	eS	1 065	16	8	8	3	2	2		
	NGY	0	iP	48 50.4		S	1 080	19	20	4	3	3	2		
	OSK	0	P	48 51.3				10	14	5	4	5	3	eX	1 09.7
	KYT	0	iP	48 53.2	-1 +2 +2	iS	1 104	7	4	4	2	2	1		
	HKN	0	iP	48 53.9	+4 +2 +6	iS	1 105	22	16	4	2	2	2		
	TYOK	0	eP	49 00.9		S	1 170	11	5		1	1			
20	SMZ	0	eP	15 01 46.5		eS	5 285								
	SMSK	0	eP	01 51.6		eS	5 495			23	4	5	2		
	MRTM	0	eP	01 51.7		S	5 326	11	27		3	6			
	KOCH	0	eP	01 51.7	-2	eS	5 350	6	16		3	3			
	MTYM	0	eP	01 55.7		eS	5 36.0	5	23	3	10	3	2		

バンダ海
 Banda Sea
 { 57 S
 { 1286 E
 { 326 Km
 (USCGS)

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks	
							p-Pha.	Amp(μ)			Period(m)				
								m s	N	E	Z	N			E
	TKSM	0	eP	01 565		eS	5 387								
	HRSM	0	eP	01 568	-1 -1	iS	5 392	12	33	3	4	7	4	X	8 557
	OVS	0	P	01 57.0				10	10	10	3	4	2		
	TKMT	0	eP	01 58.2		iS	5 394	4	19	2	2	4	2		
	WKYM	0	eP	01 58.6		eS	5 414	11	25		3	3			
	SMT	0	iP	01 58.9	-1 (+) -1	iS	5 402	14	18	6	3	4	4	iP	1 428
	HMD	0	P	02 01.0	-1	S	5 418	24	19		4	4		iX	9 256
	OSK	0	P	02 02.7		-6 iS	5 446	60	76	20	4	5	3		
	KOB	0	eX	02 04		eS	5 42								
	KYT	0	iP	02 06.1	-5 +2 -5	iS	5 46.0		22	5		5	4		
	KMYM	0	iP	02 06.2	-5 -1 -12	iS	5 470	44	100	19	4	4	4		
	MTE	0	eP	02 07.3		eS	5 460								
	TYOK	0	P	02 07.6		(-) S	5 489	11	27		6	6		i	9 116
	NGY	0	P	02 08.2	-3 -4	S	5 472	33	46	8	3	3	3		
	HKN	0	P	02 09.0		S	5 479	23	46	9	3	4	3		
	SIG	0	eX	08 02.4										eX	3 331
21	WKYM	0	P	16 44 59.1		S	05	13	17		1				
22	WKYM	0	P	11 04 51.3		S	22	16	17		1	0	1		
22	MRTM	0	iP	16-16 530		+7 iS	7.4	46	54	23	0	0			
	SMSK	0	eP	17 21.8		eS	107	9	5		0	0			
	SMT	0	P	17 22.5		(-) S	137	9	3		0	0			
	TKSM	0	eP	17 22.8		iS	77								
	KOCH	0	iP	17 24.9		iS	11.4	4	3		0				
23	WKYM	0	P	08 16 56.3		S	5.4	24	28	19	1	1	1		
	SMT	0	P	17 00.2	(-)(+) (-)	iS	77	10	5	3	0	1	1		
	SMSK	0	eP	17 00.5		eS	75	10	17	6	1	1			
	TKSM	0	eP	17 00.5		iS	82								

室戸岬
 東方沖
 off coast of
 Kochi
 Pref.

和歌山県中部
 Central
 part of
 Wakayama
 Pref.
 { 339 N
 { 135.4 E
 { 20 Km
 (OMO)

Date	Station	SL	Sta.	Time			Initial			Max. Amplitude						Remarks						
				(J.S.T.)			Motion(μ)			p-Pha.		Amp(μ)		Period(sec)			p-Pha.					
				h	m	s	N	E	Z	m	s	N	E	Z	N		E	Z	m	s		
	OVS	0	iP	17	13	0								12	8	7	1	1	1			
	TYOK	0	eP	17	25	2				iS	180			10	7		1	1				
24	OSK	0	eX	05	05	06.2								9	8	6	5	5	5	eX	9	373
24	SMSK	0	eP	07	50	2				eS	7	010		3	5		16	2		eL	32	037
28	KOCH	0	iP	25	53	6				iS	09			6	3		0	0				
28	TKSM	0	eP	11	19	36.0				iS	68											
29	SMSK	1	iP	19	28	106				+11 iS	34	28	22	14			0	0				
29	SMT	0	P	20	28	48.9				(+) iS	41			5	2							
30	NGY	0	eP	22	58	55.8				(-)(-) eS	424	18	11	3			2	2	1			
	HKN	0	eP	00	58	59.5				S	1	008		11	7	4	1	1	2			
	KMYM	0	P	59	06	8				S	583	6	4	2			3	2	2			
	OSK	0	X	59	25	6								12	12	5	3	4	2	eX	1	058
31	WKYM	1	P	17	31	136				S	12	48	42	25			1	1	1			
	SMT	0	P	31	17	2				-1 +1 -1 S	34	7	4				0	0				

Report of Earthquakes

Station not equipped with Seismograph

昭和40年8月

Aug. 1965

Date	Station	Prefecture	S.I.	Time (J.S.T)	Charac-ter of tremor	Earthquake Sound	Duration of tremor
7	Syōbara	庄原 Hiroshima	I	08:48 ^m	R		
23	Kiyokawa	清川 Wakayama	II	08 15	R		S
	Kōjindake	荒神岳 Nara	II	16	R		
	Futatsuno	二津野 "	II	16	R		
	Shirahama	白浜 Wakayama	I	17	R		
	Ikehara	池原 Nara	I	16	R		S
31	Takano	高野 Hiroshima	II	06 56	R		VS
	Syōbara	庄原 "	I	57	S		



大阪管区
地震月報

昭和40年⁹/₁₀月

THE MONTHLY REPORT OF EARTHQUAKES

September 1965
October

大阪管区气象台

The Osaka

District Meteorological Observatory

Japan

観測所一覽表

List of Station

Station		Abbreviation	Seismo- Graph	Lat. (N)	Long. (E)	Height (m)
浜田	Hamada	HDM	W, S	34° 54'	132° 04'	18.8
彦根	Hikone	HKN	W, S	35 16	136 15	88.8
姫路	Himeji	HMJ	P, S	34 50	134 42	17.6
広島	Hiroshima	HRSM	W, S	34 22	132 26	29.7
高知	Kochi	KOCH	W, S	33 34	133 33	40.4
神戸	Kobe	KOB	P, S	34 41	135 11	58.8
京都	Kyoto	KYT	V ₁ , O _P , S	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	P, S	35 28	135 23	31.2
松江	Matsue	MTE	PH, S	35 27	133 04	18.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	W, S	33 15	134 11	185.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	P, S	34 41	133 55	3.8
大阪	Osaka	OSK	V ₁ , S	34 39	135 32	5.1
西郷	Saigo	SIG	PH, S	36 12	133 20	27.7
清水	Shimizu	SMZ	W, S	32 43	133 01	30.2
湖岬	Shionomisaki	SMSK	W, S	33 27	135 46	74.3
洲本	Sumoto	SMT	V ₁ , O _P , S	34 20	134 54	109.6
高松	Takamatsu	TKMT	W, S	34 19	134 03	9.6
徳島	Tokushima	TKSM	P, S	34 04	134 35	1.8
鳥取	Tottori	TTR	P, S	35 31	134 11	17.7
豊岡	Toyooka	TYOK	W, S	35 32	135 50	4.2
剣山	Tsurugisan	TRGS	PH, S	34 03	134 10	56.1
宇和島	Uwajima	UWJM	PH, S	33 14	132 33	43.4
和歌山	Wakayama	WKYM	W, S	34 14	135 10	14.3
米子	Yonago	YNG	P, S	35 26	133 21	7.1
亀山	Kameyama	KMYM	W, S	34 51	136 28	69.2
名古屋	Nagoya	NGY	V ₁ , O _P , S	35 10	136 58	55.7
尾鷲	Owashi	OWS	V ₁ , O _P , S	34 04	136 12	16.1

Number of earthquakes

Sep. 1965

Station	S. I.	0	I	II	III	IV	V	VI	VII	Total
Kinki District										
Hikone		24	—	—	—	—	—	—	—	24
Himeji		2	—	—	—	—	—	—	—	2
Kōbe		4	—	—	—	—	—	—	—	4
Kyōto		12	—	—	—	—	—	—	—	12
Maizuru		2	—	—	—	—	—	—	—	2
Nara		11	—	—	—	—	—	—	—	11
Osaka		18	—	—	—	—	—	—	—	18
Shionomisaki		6	—	—	—	—	—	—	—	6
Sumoto		13	1	—	—	—	—	—	—	14
Toyooka		21	—	—	—	—	—	—	—	21
Wakayama		13	7	—	—	—	—	—	—	20
Chūgoku District										
Hamada		7	—	—	—	—	—	—	—	7
Hiroshima		9	—	—	—	—	—	—	—	9
Matsue		×	×	×	×	×	×	×	×	×
Okayama		6	—	—	—	—	—	—	—	6
Saigō		2	—	—	—	—	—	—	—	2
Tottori		5	—	—	—	—	—	—	—	5
Yonago		4	—	—	—	—	—	—	—	4
Shikoku District										
Kōchi		7	—	—	—	—	—	—	—	7
Matsuyama		9	—	—	—	—	—	—	—	9
Murotomisaki		12	—	—	—	—	—	—	—	12
Shimizu		4	—	—	—	—	—	—	—	4
Takamatsu		10	—	—	—	—	—	—	—	10
Tokuhsima		10	2	—	—	—	—	—	—	12
Tsurugisan		2	—	—	—	—	—	—	—	2
Uwajima		4	—	—	—	—	—	—	—	4

×...no observation

Station Map



Op: Electromagnetic seismograph with optical recorder

($T_0=1.5sec$, $V=500\sim 1000$)

P: New-type portable seismograph ($T_0=2$, $V=60$)

Ph: Portable seismograph, horizontal only ($T_0=3\sim 4$, $V=50$)

S: Strong motion seismograph ($T_0=5\sim 6$, $V=1$)

V1: Electromagnetic seismograph with visible recorder

($T_0=5$, $V=100$)

W: Wiechert seismograph

($T_0=5$, $V=80$)



Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)	Pha.	Max. Amplitude			Pha.	P-Pha.	Remarks	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)	Pha.	P-Pha.	Max. Amplitude			Pha.	P-Pha.	Remarks												
				h	m	s			N	E	Z							m	s	Amp. (μ)				m	s	h				m	s	N	E	Z	m	s	N	E	Z		
																				N																				E	Z
1	NGY	0	iP	16	02	520	-4 +5 -2	i S	252	41	27	7	2	2	2				27	07	7	i S	327	9	6	4	1	2	3												
	KMYM	0	P	02	55	3		S	437	18	13	8	3	3	3				27	08	5		5	3	3	4	5	5													
	HKN	0	P	03	00	6		e S	307	23	17	8	2	2	2				27	09	1																				
	KYT	0	iP	03	04	5	-1 +3 -2	i S	334	9	5	3	2	2	5				27	15	6		28	25	5	1	1	4													
	TYOK	0	eP	03	16	0			13	11		1	1			X			27	28	7		8	7		1	1														
	OSK	0	X	03	28	7			27	33	14	5	5	3		X			27	37	1		61	52	15	4	4	3													
2	WKYM	1	P	13	03	574		S	06	75	60	45	1	1	1				14	21	58	0	242	33	22		2	2													
	SMT	0	P	04	00	2	-1 +1 -1	i S	34	14	10	2	0	0	0				22	00	9		4	4	3	5	6	4													
2	WKYM	1	P	20	31	577		S	15	60	90		1	1					22	05	0	i S	545	17	13	9	6	4	3												
	SMT	0	P	32	00	4	-)(+)-1	i S	38	9	5	2	0	0	1				22	07	2	e S	295	29	17		1	2													
3	NGY	0	eP	03	03	532		e S	392	21	10	4	2	1	1				22	09	8	i S	334	7	4	3	2	1	5												
	HKN	0	eP	03	58	9		e S	347	11	10		1	1					22	21	2		37	34	10	5	5	3													
	TYOK	0	eP	04	12	2			12	10		1	1						22	34	5		19	10		1	1														
	OSK	0	eX	04	18	8			11	10	6	2	2	2					22	49	10		52									徳島県中部									
3	NGY	0	eP	09	22	052		e S	1	032	12	5	2	2	2				49	13	-1	-1	70	12	14	2	0	0	0			Central part of Tokushima Pref.									
	HKN	0	eP	22	07	6			7	5	2	1	1	1					49	15		i S	87	10	8	3	1	1	1												
	WKYM	1	P	00	21	328		S	06	30	25								49	16		i S	16																		
4	TYOK	0	P	23	41	544			12	5		2	1		X	7	293		04	20	519		09	16	27	1	1														
	OSK	0	eX	42	02	3			17	16	7	5	5	3	eX	7	327		17	59	-		18	13		1	1														
5	WKYM	1	P	16	25	593		S	11	83	85	75	1	1	1				18	01	440	e S	360	24	21	11	3	2	2												
6	OSK	0	eX	12	23	157			9	11	3	5	4	2					01	49	3	e S	573	27	10	7	2	2	2												
8	HKN	0	eP	03	28	570		S	292	7	6	3	1	1	1				01	56	5	e S	125	8	4	4	2	1	3												
	NGY	0	eP	29	08	8			22	13	4	0	0	0					02	01	2	e S	502	14	13	8	3	3	2												
9	MRTM	0	P	06	42	282		i S	62	13	11	7	0	0	0				03	11	2		30	34	15	4	5	3													
11	NGY	0	eP	04	26	552	(+):(-)	S	258	62	42		1	1					13	06	412		11	18	20																
	HKN	0	eP	27	01	7		e S	394	33	23		1	1					13	17	322	i S	86	11	14	7	2	2	1												
	KMYM	0	P	27	03	4		S	594	39	25	13	4	3	3				17	32	3	S	74	45	52	25	1	1	1												

福島県沖
Off coast
of Fukushima
pref.
(37.1°N
141.0°E
40 km)

Date	Station	S.I.	Pha.	Time (J.S.T)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	P-Pha.	Remarks	
							AMP.(μ)		Period(sec)		Pha.	P-Pha.				
							N	E Z	N	E Z						m
	TKSM	0	ip	17 332	- -1	i S	76								紀伊水道 Near coast of wakay mm Pref. { 338°N 1351°E 40 km (OMO)	
	SMT	0	P	17 335	-2 +2 -3	i S	99	15	8	4	0	0	1			
	MRTM	0	P	17 376		S	116	7	12		1	1				
	KOB	0	ep	17 389		eS	134									
	NR	0	ep	17 435		eS	139									
	KYT	0	ip	17 438		i S	174	11	5	4	0	1	1			
	OWS	0	P	17 484				5	4	2	1	1	1			
	HKN	0	ep	17 490		S	225	20	12	4	1	1	1			
	OSK	0	X	17 490				13	22	6	1	1	2			
17	SMT	1	P	19 44 503	-2	i S	86	76	15	0	0	0	0		和歌山県 北部 Npart of Wakayam Pref. { 338°N 1351°E 50 km (OMO)	
	WKYM	1	P	44 509		S	68	10	58	35	1	1	1			
	TKSM	1	ip	44 518	+1 -6 +6	i S	81									
	SMSK	0	ip	44 521		i S	92	27	19	22	0	0	0			
	KOB	0	ip	44 547		i S	121									
	MRTM	0	ip	44 550		i S	129	22	21	17	1	1	1			
	TKMT	0	ip	44 562		e S	122	25	28	10	1	1	1			
	NR	0	ep	44 574		i S	119									
	KYT	0	ep	45 000		eS	110	13	9	4	2	0	1			
	OKYM	0	ep	45 008		S	160	19	18	5	0	0	0			
	KMYM	0	P	45 032		S	177	10	8	7	0	0	0			
	OSK	0	ex	45 061												
	TYOK	0	ep	45 072		eS	210	11	7		0	0				
	NGY	0	ep	45 176		eS	188	6	16	3	1	1	1			
	HKN	0	S	45 277				40	38		0	1				
17	NGY	0	ep	22 00 236	+4 -4 +4	S	508	10	99	31	3	2	2			茨城県沖 Off coas of Ibara ki Pref. { 363°N 1413°E 20 km (JMA)
	HKN	0	ep	00 313		eS	564	72	55		1	22				
	KMYM	0	P	00 xxx		S	xxx	81	56		4	3				



Date	Station	S.I.	Pha.	Time (J.S.T)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	P-Pha.	Remarks	
							AMP.(μ)		Period(sec)		Pha.	P-Pha.				
							N	E Z	N	E Z						m
	NR	0	ep	00 356		eS	1	044								
	TYOK	0	ep	00 421		eS	1	077	42	11		3	2			
	WKYM	0	ep	00 486		eS	1	166	19	10		2	2			
	SMT	0	ep	00 510		eS	1	191	17	9	10	5	5	3		
	TKSM	0	ep	00 521		eS	1	135								
	MTYM	0	ep	00 586		eS	1	277	9	4	3	4	3	3		
	TTR	0	eP	00 595				2		10						
	HRSM	0	eP	01 08-				5	4	6	4	4	4			
	TKMT	0	ep	01 130		eS	1	161	12	7	2	5	3	2		
	MRTM	0	ep	01 571				11	10		3	4				
17	HKN	0	ep	22 21 550		eS	563	77	44		2	1		茨城県沖 Off coast of Ibaraki Pref. { 364°N 1416°E 20 km (JMA)		
	KMYM	0	P	21 xxx		eS	xxx	78	50		3	2				
	NGY	0	ep	22 040												
	NR	0	ep	22 115												
	TYOK	0	ep	22 244		eS	1	079	32	11		1	2			
	OWS	0	ep	22 246		eS	1	096	10	10	8	3	3		3	
	WKYM	0	ep	22 255		eS	1	238	19	10		2	2			
	SMT	0	ep	22 260		S	1	296	17	13	15	4	4		3	
	TKSM	0	ep	22 286		eS	1	130								
	TKMT	0	ep	22 355		eS	1	426	14	19	2	5	3		2	
	MTYM	0	ep	22 398		eS	1	270	10	4	3	7	3		3	
	KOCH	0	ep	22 440		eS	1	354	7	6		2	3			
	HRSM	0	eX	22 51-				6	3	5	4	4	2			
	MRTM	0	ep	23 000		eS	1	189	6	6		4	4			
	FMD	0	eX	24 111		eS	562	9	4	4	7	8	5			
17	NGY	0	ep	23 23 396						36			2			
	HKN	0	ep	23 468		eS	550	63	58		1	2				

Date	Station	S.I.	P _h a.	Time (J,S,T.) h m s	Initial Motion (M) N E Z	P _h a.	Max. Amplitude						P _h a.	Remarks	
							R _~ Pha.			period (sec)					
							Amp. (μ)	N	E	Z	N	E			Z
	NR	0	eP	23 514		eS	1	0	18						
	KMYM	0	eP	23 53-		eS		54-	81	56		4	4		
	KYT	0	eP	23 533		eS	1	037	18	10	9	3	2	3	
	SMT	0		24 040	+H		1	330	14	10	12	5	3	3	
	OWS	0	eP	24 056					18	11	8	6	4	4	
	WKYM	0	eP	24 090		eS	1	185	19	10		2	2		
	TTR	0	eP	24 096					2		10				
	TKSM	0	eP	24 103		eS	1	126							
	MRTM	0	eP	24 213		eS	1	161	8	6		3	5		
	TKMT	0	eP	24 251		eS	1	300	17	6	2	4	4	2	
	HRSM	0	eP	24 27-					6	5	5	6	4	4	
	MTYM	0	eP	24 323		eS	1	405	10	4	3	5	3	3	
	KOCH	0	eP	24 361		eS	1	350	6	5		3	2		
	HMD	0	eP	25 107		eS	1	176	7	4	5	4	4	5	
	TYOK	0	eP	25 132						60	15		1	3	
18	NGY	0	eP	00 19 380		eS		500	160	130	54	3	3	1	
	KYT	0	eP	19 492		eS		580	33	13	11	3	1	3	
	NR	0	eP	19 515		eS	1	030							
	HKN	0	eP	19 549		eS		55.8	55	50		1	1		
	KMYM	0	eP	19 585				50.3	100	63		4	4		
	TYOK	0	eP	19 588						98	18		1	3	
	SMT	0		20 010				1	227	16	15	11	4	4	eX 1 330
	OWS	0		20 024		eS	1	098	15	16	9	4	3	3	
	TKSM	0	eP	20 068		eS	1	139							
	WKYM	0	eP	20 074		eS	1	191	20	8		1	1		
	TKMT	0	eP	20 137		eS	1	405	21	16	3	5	5	4	
	MRTM	0	eP	20 160		eS	1	387	12	6		6	4		

Date	Station	S.I.	P _h a.	Time (J.S.T.) h m s	Initial Motion (M) N E Z	P _h a.	Max. Amplitude						P _h a.	Remarks	
							R _~ Pha.			period (sec)					
							Amp. (μ)	N	E	Z	N	E			Z
	SMSK	0	eP	20 171		eS	1	121							
	HRSM	0	eP	20 27-					8	5	6	6	4	3	
	MTYM	0	eP	20 278		eS	1	345	13	5	4	7	3	5	
	KOCH	0	eP	20 316		eS	1	346	8	7		3	3		
18	NGY	0	eP	01 22 184	-15+8	eS		476	xxx	xxx	320	2	2	2	
	KMYM	0	iP	22 256	+B	iS	1	068	150	300	610	4	3	3	
	HKN	0	P	01 22 259		S		554	100	100	250	2	2	2	
	OWS	0	P	22 304		S		596	210	180	110	4	4	4	
	KYT	0	iP	22 310	(-)-2+1	iS	1	010	250	180	140	4	2	2	
	NR	0	eP	22 322		eS	1	040	160	900	700	2	2	2	
	MIZR	0	eP	22 238	+4 -4 +4	eS		562	300	200	300	4	4	3	
	OSK	0	eP	22 365					270	160	850	4	4	3	
	KOB	0	eP	22 390		eS	1	086	400	500	300	5	3	3	
	WKYM	0	P	22 405		eS	1	161	290	230		7	6		
	TYOK	0	P	22 406	-2+10	sS	1	097	400	320	210	2		4	
	SMSK	0	eP	22 406		eS	1	099	180	240	100	7	5	5	
	SMT	0	P	22 420	-3 -3 +7	S	1	148	250	190	180	7	6	5	i X 1 32-
	TTR	0	eP	22 470		iS	1	168	140	55	85	2	2	2	
	TKSM	0	eP	22 493	+2 (-)	iS	1	136	140	110	34	2	2	3	
	OKYM	0	eP	22 51-					150	150	100	3	5	3	
	TRGS	0	eP	22 519		eS	1	385							
	TKMT	0	eP	22 532		eS	1	315	300	140	200	6	7	6	
	SIG	0	P	22 580	+8 -8	S	1	145							
	MRTM	0	eP	22 588		S	1	236	290	250	80	7	6	7	
	YNG	0	iP	22 598	(+) -4 +4	S	1	337							
	MTE	0	P	23 003		S	1	283							
	KOCH	0	iP	23 016	-2 -9	eS	1	325	160	140		7	7		

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Date	Station	S.I.	pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	P-pha. m s	Max. Amplitude						Pha.	P-pha. m s	Remarks
							Amp. (μ)			Period (sec)					
							N	E	Z	N	E	Z			
	MTYM	0	eP	23 083	eS	1 368	280	130	130	7	4	14			
	HRSM	0	eP	23 091	eS	1 300	180	150	180	6	7	5			
	SMZ	0	pP	23 125	eS	1 390	180	180	76	5	7	22			
	HMD	0	eP	23 140	-8 eS	1 229	190	140	140	14	14	6			
	UWJM	0	p	23 146	-7 eS	1 361	400	150	50	7	5				
18	NGY	0	ep	02 00 216			29	24	6	3	3	1			
	TYOK	0	ep	00 45-			17	7		1	1				
	HKN	0	es	02 286			15	13		2	2				
18	NGY	0	ep	05 43 390	eS	512	17	15	6	2	1	1			
	HKN	0	es	44 550			11	10		2	2				
21	HKN	0	ep	02 04 245			9	7	2	2	2	1			
	NGY	0	ep	04 309			15	12	5	2	2	2			
	KMYM	0	ep	04 365	eS	1 127	8	7	6	4	4	3			
	TYOK	0	ep	05 00-			13	8		1	1				
	OSK	0	ex	05 040			25	24	8	6	4	3	X	1 136	
21	TYOK	0	ep	05 09 143	s	1 015	23	12		1	1				
21	SMZ	0	ep	10 39 517	eS	1 026	29	18	25	2	2	3			
	UWJM	0	ep	39 558									eX	560	
	MTYM	0	ep	40 020	eS	1 310	18	22	9	8	6	8			
	KOCH	0	iP	40 021	-2 -2 iS	1 102	18	16		1	1				
	HRSM	0	ep	40 036	eS	1 110	14	16	10	6	5	5			
	MRTM	0	ep	40 055	s	1 113	12	29	10	6	4	2			
	HMD	0	p	40 113	+5 +6 eS	1 131	13	16	15	7	6	6			
	TKSM	0	ep	40 129	iS	1 263									
	TKMT	0	ep	40 129	eS	1 191	21	28	10	1	1	1			
	OKYM	0	ep	40 138	s	1 189									
	YNG	0	ep	40 193	eS	1 242									

Date	Station	S.I.	pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	P-pha. m s	Max. Amplitude						Pha.	P-pha. m s	Remarks
							Amp. (μ)			Period (Sec)					
							N	E	Z	N	E	Z			
	SMT	0	P	40 186	(-)(-)	eS	1 250	13	10	11	4	7	7	ex	13 118
	SMSK	0	ep	40 202		eS	1 080	13	24	8	3	5	4		
	WKYM	0	ep	40 221		eS	1 250	25	18		1	1			
	OVS	0	P	40 300		S	1 330	10	7	10	5	6	5		
	OSK	0	ep	40 314		eS	1 353	95	110	24	5	5	4		
	TYOK	0	ep	40 327		eS	1 310	53	28	7	1	1	1		
	NR	0	eP	40 327											
	KYT	0	eP	40 353	+1 +1 +1	iS	1 335	7	5	5	7	1	2		
	KMYM	0	P	40 384		S	2 016	21	16	11	5	4	2		
	HKN	0	P	40 406		eS	1 476	32	21	9	1	2	2		
	NGY	0	ep	40 484	+4 +4 +4	S	1 472	24	24	14	2	1	4		
22	OSK	0	eX	13 43 382											
							12	13	5	5	5	3			
22	MTYM	0	ep	19 83 243		iS	72	30	20	13	0	0	0		
	HRSM	0	ep	53 300		eS	80	12	10	6	0	0	0		
22	SMZ	0	P	21 50 065		S	155	130	69		2	2			日向灘 Off E coast of Miyazaki Pref.
	UWJM	(1)	ep	50 114		eS	174								
	MTYM	0	ep	50 195		iS	340	53	65	46	1	1	1		
	MRTM	0	ep	50 217		eS	284	16	12	8	3	3	1		
	KOCH	0	ep	50 267		eS	281	25	17		3	2			
	HRSM	0	ep	50 296		eS	304	28	53	40	2	2	1		
	HMD	0	P	50 329	+3 +2	S	442	94	64	64	3	3	3		
	TKMT	0	ep	50 343		eS	373	46	42	26	1	1	2		
	OKYM	0	ep	50 354		eS	496	28	16	9	1	1	1		
	SMT	0	P	50 402	(+)(+)(+)	eS	580	16	12	10	3	2	2	ex	1 025
	TKSM	0	ep	50 429		iS	459								
	TTR	0	ep	50 488		eS	597	12	20	10	2	2	2		
	NR	0	ep	50 497											

Date	Station	S.I.	Pha	Time (J.S.T.)	Initial Motion (μ)	pha	Max. Amplitude						Pha	p-Pha	Remarks		
							P-Pha			S-Pha						m	s
							Amp. (μ)	Period (sec)	Pha	Amp. (μ)	Period (sec)	Pha					
							N	E	Z	N	E	Z					
	TYOK	0	ep	50 529													
	KYT	0	ep	50 534		i S	1	152	12	7	5	2	2	2			
	KMYM	0	ep	50 594		e S	1	145	16	13	11	2	3	2			
	HKN	0	P	50 598		S	1	362	27	23	6	2	1	2			
	WKYM	0	ep	51 006		e S		385	18	12		1	1				
	NGY	0	ep	51 060		+1 e S	1	016	22	20	5	3	3	1			
	SIG	0	P	51 073		S	1	004									
	OSK	0	ep	51 080		e S		496	71	53	35	3	4	3			
	YNG	0	e S	51 368													
22	WKYM	0	P	22 50 239		S		07	11	12							
23	WKYM	1	P	00 15 484		S		16	21	20		1	1				
23	WKYM	0	P	03 35 594		S		07	9	7							
23	NGY	0	P	07 09 006	-3 -2 +5	S		554	-	330	180	3	3	2			
	KMYM	0	ip	09 07.1	-1 -8 +8	S		573	520	280	220	4	4	4			
	HKN	0	P	09 080		S		562	470	310	130	3	2	2			
	OWS	0	P	09 136		S		526	60	77	55	4	4	4			
	KYT	0	ip	09 141	-2 -4 +3	S	1	030	93	47	45	2	2	3			
	NR	0	ep	09 142		e S	1	016	500	200	200	3	2	2			
	MIZR	0	ep	09 170	-2 -2	e S	1	061									
	OSK	0	P	09 177		S	1	022	880	650	210	4	3	3			
	KOB	0	ep	09 219		e S	1	066	100	150	100	4	3	3			
	TYOK	0	ip	09 221	-3 +10 +5	S	1	011	210	160	63	1	1	4			
	SMSK	0	ep	09 227		e S	1	249	71	94	35	4	4	5			
	WKYM	0	ep	09 241		e S	1	049	100	58		7	5				
	SMT	0	P	09 253		e S	1	138	110	68	60	5	5	4			
	TTR	0	ep	09 299		e S	1	148									
	TRGS	0	P	09 322		S	1	116									

Station	S.I.	Pha	Time (J.S.T.)	Initial Motion (μ)	pha	Max. Amplitude						Pha	p-Pha	Remarks		
						P-Pha			S-Pha						m	s
						Amp. (μ)	Period (sec)	Pha	Amp. (μ)	Period (sec)	Pha					
							N	E	Z	N	E	Z				
TKSM	0	eP	09 32.3		i S	1	18.5									
TKMT	0	eP	09 33.8		e S	1	25.9	110	64	21	4	4	2			
OKYM	0	eP	09 34.7		e S	1	04.1	19	10	9	2	1	2			
SIG	0	P	09 37.9	-5 -13	S	1	21.8									
YNG	0	eP	09 39.1		e S	1	26.2									
HMJ	0	eP	09 39.3		e S	1	17.8									
MRTM	0	eP	09 41.1		e S	1	39.9	96	98	28	4	5	6			
KOCH	0	eP	09 45.3		e S	1	37.8	97	50		7	5				
MTYM	0	eP	09 51.1		e S	1	33.8	79	33	28	7	4	4			
HRSM	0	eP	09 53.9	-1 -3 +2	e S	1	28.9	64	52	50	5	7	6			
UWJM	0	eP	09 55.6													
SMZ	0	eP	09 55.9		e S	2	11.0	43	45	10	7	6	5			
HMD	0	P	09 56.1	-1 -5 +4	e S	1	20.8	61	31	51	7	7	6			
HKN	0	eP	39 00.0		S	1	34.2	15	15	10	1	1	1		三浦半島沖	
NGY	0	eP	39 03.2		e S	1	41.6	32	25	14	3	3	3		Far off Iwate Pref.	
KYT	0	eP	39 04.0		e S	1	42.0	6	5	3	5	3	4		{ 39.6°N	
KMYM	0	P	39 11.2		S	1	36.1	23	15	8	4	4	4		{ 143.9°E	
TYOK	0	eP	39 12.7					13	15		1	1			{ 40 Km	
SMT	0	P	39 18.4		e S	1	58.8	5	3	3	5	4	4	i X	20.6	
OSK	0	x	39 23.6					34	34	12	4	4	4	X	2 39.3	
HKN	0	eP	23 44 18.6		e S	1	28.6	14	9	7	2	3	2			
TYOK	0	eP	44 22.5					9	7		1	1				
NGY	0	P	44 -					30	24	9	3	3	2			
KMYM	0	P	44 -					14	11	8	3	3	3			
NGY	0	eP	23 55 16.8		S	1	38.6	30	23	9	2	2	2		岩手県沖	
HKN	0	eP	55 17.9		S	1	37.1	10	14	7	3	2	2		Off coast of Iwate Pref.	
KYT	0	e	55 24.2		e S	1	42.8	5	4	3	3	2	4		{ 39.6°N	
															{ 143.1°E	
															{ 40 Km	
															(JMA)	

Report of Earthquakes

Station not equipped with Seismograph

昭和40年9月 Sep. 1965

Date	Station	Prefecture	SI.	Time (J.S.T.)	Character of tremor	Earthquake sound	Duration of tremor
3	Kiyokawa	清川 Wakayama	I	08 ^h 59 ^m		-	VS
8	Kiyokawa	清川 "	I	15 10		-	VS
	Shirahama	白浜 "	I	12		-	VS
12	Sakasu	坂州 Tokushima	II	12 50		-	S
15	Takano	高野 Hiroshima	II	06 45		-	VS
16	Kurisugawa	栗栖川 Wakayama	II	13 17		-	VS
	Kiyokawa	清川 "	I	20		-	S
	Kōzindake	荒神岳 Nara	I	18		-	VS
17	Kurisugawa	栗栖川 Wakayama	I	19 45		-	S
	Kiyokawa	清川 "	I	46		-	S
	Kibi	吉備 "	I	46		-	VS
17	Akashi	明石 Hyōgo	I	20 10		-	VS
22	Takano	高野 Hiroshima	II	21 40		-	S
30	Hiwasa	日和佐 Tokushima	II	23 10		-	

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (Pha.)	P-Pha.	Max. Amplitude						P-Pha.	Remarks		
							AMP. (μ)		PERIOD (sec)		P-Pha.				P-Pha.	
							N	E	Z	N	E	Z			m	s
	KMYM	0	P	55 29.8		S	1	26.5	15	14	8	4	3	2		
	TYOK	0	c P	55 31.					9	9		1	1		X	143
	OSK	0	c X	55 40.8					30	34	10	4	4	3	X	207.0
26	WKYM	1	P	05 55 58.9		S		0.7	13	18		1	1			
28	HKN	0	S	23 14 35.6					8	9	4	1	1	1		
30	MRTM	0	P	23 09 55.2		i S		5.7	20	33	20	0	0	0		
	TKSM	1	i P	10 00.2	-1 +0 -1	i S		8.0	16	13	4	0	0	0		

Oct. 1965

Station	S.I.	O	I	II	III	IV	V	VI	VII	Total
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Kinki District

Hikone	13	—	—	—	—	—	—	—	—	13
Himeji	1	—	—	—	—	—	—	—	—	1
Kōbe	2	—	—	—	—	—	—	—	—	2
Kyōto	9	—	—	—	—	—	—	—	—	9
Maizuru	1	—	—	—	—	—	—	—	—	1
Nara	3	1	—	—	—	—	—	—	—	4
Ōsaka	14	—	—	—	—	—	—	—	—	14
Shionomisaki	3	—	—	—	—	—	—	—	—	3
Sumoto	8	—	—	—	—	—	—	—	—	8
Toyooka	11	—	—	—	—	—	—	—	—	11
Wakayama	11	5	1	—	—	—	—	—	—	17

Chugoku District

Hamada	2	—	—	—	—	—	—	—	—	2
Hiroshima	5	—	—	—	—	—	—	—	—	5
Matsue	*	*	*	*	*	*	*	*	*	*
Okayama	2	—	—	—	—	—	—	—	—	2
Saigō	2	—	—	—	—	—	—	—	—	2
Tottori	2	1	—	—	—	—	—	—	—	3
Yonago	2	—	—	—	—	—	—	—	—	2

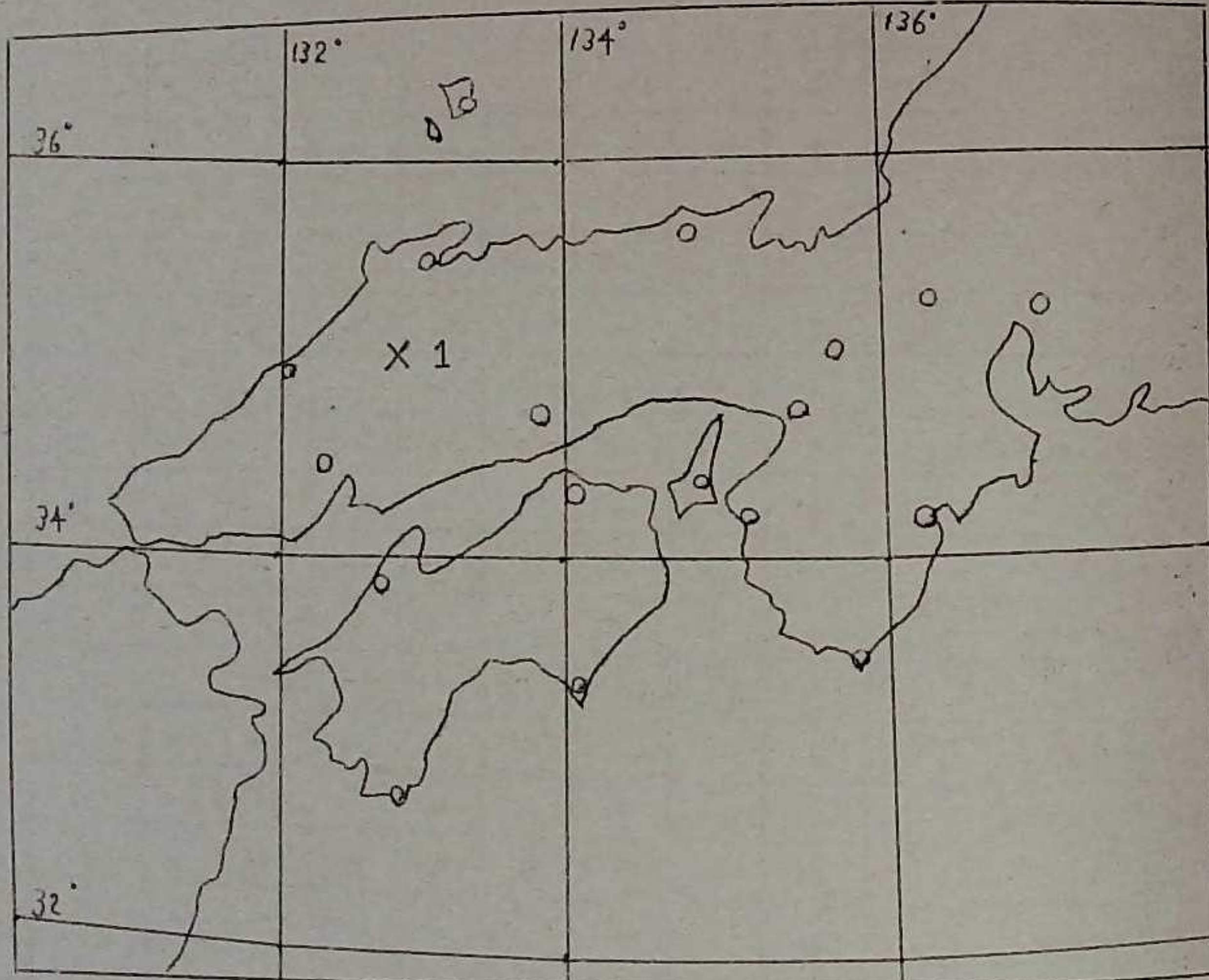
Shikoku District

Kōchi	5	—	—	—	—	—	—	—	—	5
Matsuyama	4	—	—	—	—	—	—	—	—	4
Murotomi saki	2	—	—	—	—	—	—	—	—	2
Shimizu	3	—	—	—	—	—	—	—	—	3
Takamatsu	3	—	—	—	—	—	—	—	—	3
Tokushima	3	—	—	—	—	—	—	—	—	3
Tsurugisan	3	—	—	—	—	—	—	—	—	3
Uwajima	2	1	—	—	—	—	—	—	—	3

* No observation

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku

Oct. 1965



No.	Date	Origin Time (J.S.T.)	Epicenter				Max. S.I.
			Location	Lat.	Long.	Depth	
1	13	12 ^h 36 ^m	広島県北部 N part of Hiroshima Pref.	°N 35.0	°E 132.8	Km 10	III

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(N, E, Z)	Pha.	Max. Amplitude						Pha.	P-Pha.	Remarks			
				h	m	s			Ampl. (μ)			Period (sec)						m	s	
									N	E	Z	N	E	Z						
1	NGY	0	e P	17	27	37.2	+1 +1 -1	S	22.4	15	13	6	1	1	1					
	HKN	0	S	28	10	2			9	14	12	5	1	1	2					
	TYOK	0	X	28	36	9			12	9			1	1						
	OSK	0	e X	28	41	2			8	13			4	5	5	2				
1	KYT	0	i P	17	58	51.1		e S	5	24	9	5	6	3	11	11	10	アリユシヤン 中部 Aleutian Is. { 50.1 N 178.3 E 32 Km (USCGS) 7 11 6 118.5 957.7		
	TYOK	0	e P	58	51	1 (+)	(+)	e S	5	29	4	8	5	2	16	16	12			
	KMYM	0	P	58	53	0		-5		6	7	5	10	5	5	eL	7 11 6			
	OSK	0	P	58	53	6			e S	5	37	6	29	30	12	5	5		3	
	SMT	0	P	58	59	0		(-)	e S	5	30	5	6	4	5	12	12		5 eX	118.5
	SMSK	0	e P	58	59	8			e S	5	35	3	6	7	1	12	12		2 eL	957.7
	HRSM	0	e P	59	12	-		+1 -3		6	3	5	18	18	6					
	KOCH	0	e P	59	12	1			e S	5	44	0	6	6		11	13			
2	HRSM	0	i P	00	54	48.4	+0 +1 -2	i S	4.5	4	7	5	0	0						
3	NGY	0	e P	23	50	02.1	-1 -0 -1			9	6	5	3	3	3					
	OSK	0	e X	50	48	2				27	21	10	3	3	3					
4	WKYM	0	P	01	51	08.2		S	2.2	2	3									
5	WKYM	0	P	04	20	45.8		S	0.5	4	14									
5	OKYM	0	e P	11	37	22.4		i S	9.5											
	MTYM	0	e P	37	25	0		i S	13.7	8	5	3	1	1	1					
6	KMYM	1	i P	15	39	28.0	(-) -1 +5	i S	7.8	28	29	14	0	0	0		愛知県南部			
	NGY	0	P	39	28	4	+0 +2	S	7.6	8	7	4	2	2	0		S part of Aichi Pref.			
	OVS	0	P	39	34	0		S	13.4	5	4	3								
	NR	0	e P	39	36	6		e S	12.5											
	HKN	0	e P	39	37	7		i S	10.2	18	13	8	1	1	1					
	KYT	0	e P	39	39	6		e S	14.4	5	-	-	0	0	1					
	OSK	0	X	39	58	0				8	7	4	2	2	2					
7	NGY	0	P	23	09	53.4	-8	e S	10.6	13	4	3	0	1	0					

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (u)						Pha.	P-Pha.	Max. Amplitude	Remarks			
				h	m	s	N E Z			N E Z							m	s	
							Pha.	Amp. (u)	Period (sec.)	Pha.	Amp. (u)	Period (sec.)							
	HKN	0	S	10	10	7				9	4	1	1	1	1				
9	KMYM	0	P	03	04	58.8				S	7.7	8	8	5	0	0	0		
9	NGY	0	eP	22	24	43.4	+0	+0	-0	eS	44.6	24	22	10	2	2	2		
	KYT	0	eP	24	50	8				iS	43.2	6	5	2	2	2	3		
	KMYM	0	eP	24	52	9				iS	49.1	13	10	7	4	3	3		
	HKN	0	eP	24	55	1				eS	41.0	20	16	5	1	1	1		
	OSK	0	eP	25	01	9						18	25	10	4	3	3	eX 1 15.9	
	TYOK	0	eP	25	17	3				eS	1	01	8	14	12	4	1	1	3
11	NGY	0	eP	00	50	56.1	(+)	(+)		eS	53.5	6	4	2	3	2	2		
12	KYT	0	eP	22	55	12.5				iS	2.3	4	6	1	1	1	0		
13	HMD	(1)	P	12	36	34.3	+1	+4	-4	S	8.0	14	10	6	1	1	2	新島近海 Off SE Coast of Shizuoka Pref { 34.3°N 139.2°E 0 Km (JMA)	
	HRSM	0	iP	36	34	8			+4	iS	9.1		7			1			
	YNG	0	iP	36	35	2	-6	-6		iS	8.7								
	OKYM	(1)	iP	36	40	3	+2	-4	-2	iS	12.8	29	19	5	1	1	0		
	MTYM	0	iP	36	43	6	-3	+3		iS	14.8	26	13	12	1	1	1		
	TKMT	0	iP	36	45	0				iS	16.5	25	24	8	1	1	0		
	TTR	0	eP	36	48	2				S	15.4	19	10	10	1	0	1		
	SIG	0	P	36	48	8	+8	+5		S	16.2								
	TKSM	0	eP	36	53	3				eS	23.5								
	WKYM	0	X	36	54	9						6	10		1	1			
	TYOK	0	eP	36	55	0				iS	24.1	88	61	11	1	1	1		
	KOB	0	eP	36	58	2				eS	26.1								
	MRTM	0	eP	37	02	2				S	24.7	6	11		1	1			
	KYT	0	eP	37	03	3				iS	34.9	5	3	2	2	1	1		
	OSK	0	X	37	07	4						4	7	3	1	3	3	X 30.0	
	TRGS	0	P	37	09	3													
	HKN	0	eP	37	13	0				S	41.2	14	10	5	1	1	1		



Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (u)						Pha.	P-Pha.	Max. Amplitude	Remarks			
				h	m	s	N E Z			N E Z							m	s	
							Pha.	Amp. (u)	Period (sec.)	Pha.	Amp. (u)	Period (sec.)							
	KOCH	0	eP	20	37	-								6	9	1	1		
13	WKYM	0	P	20	59	22.5				S	1.4	14	20	10					
14	NGY	0	P	22	43	49.8	+1	+1	-1	S	33.8	18	19	10	1	1	1	栃木県南部 S part of Tochigi Pref	
	HKN	0	eP	43	57	0				eS	34.7	13	17	5	1	1	1		
	KMYM	0	eP	43	57	4				eS	55.1	8	8	7	3	3	2		
	KYT	0	eP	44	01	0				iS	56.8	5	3	2	1	1	1		
	TYOK	0	eP	44	09	8						17	12		1	1	X 50.4		
	OSK	0	eX	44	22	1						12	12	8	3	3	2		X 1 03.4
	NGY	0	iP	17	02	41.6	(+)	(-)	+4	iS	26.4	46	54	32	1	1	1		
	KMYM	0	P	02	46	2				S	27.3	32	26	16	4	4	3		
	OWS	0	eP	02	48	3						5	5	6	4	4	4		
	HKN	0	P	02	52	3				S	35.3	52	41	16	2	2	2		
	NR	0	eP	02	52	5				eS	33.0								
	KYT	0	iP	02	54	7	+1	-2	+2	iS	39.7	23	15	10	2	1	3		
	SMSK	0	eP	02	55	5				eS	34.7	9	8	3	4	3	2		
	OSK	0	eP	02	56	7						62	60	23	5	5	2		
	SMT	0	P	02	02	9	(-)	(+)		eS	48.6	7	6	4	2	5	4		
	WKYM	0	eP	03	03	2				S	34.8	9	10		1	1			
	TYOK	0	P	03	06	7	(+)					28	19		1	3			
	TKSM	0	X	03	10	4													
	TRGS	0	P	03	18	5													
15	UWJM	0	eP	08	52	27.-				iS	8.-								
17	SMT	0	P	20	14	00.2				iS	2.0	6	4	1	0	0	0		
18	NGY	0	eP	02	49	11.2	-0	+0	+1	S	25.2	13	10	5	2	3	1		
	KMYM	0	eP	49	15	5				S	45.7	8	6	5	4	4	4		
	HKN	0	eP	49	19	9				eS	34.0	13	9	3	2	1	1		
	KYT	0	iP	49	23	3	+0	-1	-1	iS	45.8	5	4	1	2	2	2		

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						Pha.	P-Pha.	Remarks	
							P-Pha.	Amp. (μ)			Period (sec)					
								m	s	N	E	Z				N
	OSK	0	e P	49 27.5				30	26	7	5	5	3	X	128.3	
	TYOK	0	e P	49 39.3				11	11		1	1				
19	SMT	0	P	06 57 08.9	(+)	S	5	42.6	4	5	4	20	6	20	L	10 46.7
	KMYM	0	e P	57 15.7		e S	5	39.8	6	12	4	21	7	21		
	TYOK	0	e P	57 18.1		e S	5	45.1	12	10	20	19	e L	8 11	Malma	
	OSK	0	e X	57 38.5		e S	5	28.8	21	22	5	5	5	3		1.1
	KOCH	0	e P	57 53.4				7	5		17	16		e X	5 355	127.6
	SMZ	0	e X	07 06 26.4				8			2					33
																(usc)
19	WKYM	0	P	12 07 28.8		S	4.2	12	14							
20	WKYM	0	P	00 56 49.9		S	1.9	5								
20	WKYM	1	P	23 39 10.2		S	1.3	30	20	30						
21	WKYM	1	P	13 11 17.9		S	0.9	21	30		1	1				
	SMT	0	e P	11 21.1		i S	3.4	5	3		0	0				
21	WKYM	0	P	13 37 35.0		S	0.7	8	10		1	1				
21	NGY	0	e P	14 10 50.3		e S	24.0	5	8	3	0	0	0			
21	HKN	0	e P	14 12 01.9		e S	27.0	6	7	2	1	1	1			
21	UWJM	1	P	15 51 58.8		i S	3.9									
	SMZ	0	P	52 04.5		S	10.5	7	10	10	1	1	1			
	MTYM	0	e P	52 05.0		e S	8.3	5	6	2	1	1	1			
	KOCH	0	i P	52 10.3		i S	10.0	4	3		0	0	0			
	HRSM	0	i X	52 26.4				3	4	2	0	0	0			
22	NGY	0	e P	09 50 31.5	+0 +0 -0	S	44.1	20	8	4	2	2	2			
	KMYM	0	e P	50 38.1		e S	53.9	7	4	3	3	3	2			
	HKN	0	e P	50 39.4		e S	49.1	9	7	3	2	1	1			
	OSK	0	e X	52 02.0				11	11	5	2	3	2			
23	NGY	0	e P	23 31 10.2	(+) (-)	S	28.2	10	9	6	1	1	1			
	HKN	0	e P	31 18.9		e S	38.8	10	10	4	1	1	1			

愛知県
SW par
of Ehl
Pref.

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						Pha.	P-Pha.	Remarks	
							P-Pha.	Amp. (μ)			Period (sec)					
								m	s	N	E	Z				N
	OSK	0	e P	00 31 29.5				10	9	6	2	3	3			
24	TYOK	0	e P	00 31 38.8				13	11		1	1				
25	WKYM	1	P	06 53 50.8		S	0.6	55	120	110						
25	WKYM	2	P	06 53 54.4		S	0.6	70	160	160						
26	NGY	0	i P	07 36 57.9	+4 +4 -5	e S	203.2	120	10	32	3	2	2			
	HKN	0	P	37 00.7		S	203.9	93	57	6	4					
	KMYM	0	i P	37 03.9	+1 +1 -10	i S	237.3	200	120	56	4	4	3			
	MIZR	0	e P	37 07.2		e S	206.1									
	KYT	0	i P	37 07.6	+3 +3 -3	i S	207.4	32	31	20	3	3	4			
	TYOK	0	i P	37 09.1	+6 +5	S	208.7	54	62	35	3	2	3	ScS	1223.6	
	SIG	0	P	37 09.7	+5	S	211.2									
	NR	0	e P	37 10.2												
	OSK	0	e P	37 12.0		e S	212.4	220	260	81	6	5	4			
	OVS	0	P	37 12.0		S	214.0	18	26	16	3	4	5			
	TTR	0	e P	37 13.7		e S	212.2	17	11	16	2	2	3			
	KOB	0	e P	37 14.0												
	HMJ	0	e P	37 15.7		e S	215.0									
	SMT	0	P	37 19.1	(+) (+)-1	e S	217.8	30	23	27	5	4	6	ScS	1217.7	
	WKYM	0	e P	37 19.3		S	222.8	31	28		6	4				
	YNG	0	e P	37 19.8		e S	220.5									
	SMSK	0	e P	37 23.4		e S	242.5	29	41	9	4	4	2			
	MTE	0	e P	37 23.7		S	219.5									
	TKMT	0	e P	37 23.8		i S	224.3	23	20	5	5	4	3	ScS	1213.5	
	TKSM	0	e P	37 24.5		e S	222.8									
	TRGS	0	e P	37 26.7		e S	224.8									
	MRTM	0	P	37 35.0		S	251.4	31	24	4	4	4	2			
	KOCH	0	e P	37 36.0		e S	232.3	26	23		5	5				

エトロボ島
附近
Kuril Is.
44.1°N
145.7°E
160 km
(JMA)

Station not equipped with Seismograph

昭和40年10月

Oct. 1965

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
2	Toyosaka	豊栄 Hiroshima	II	00 ^h 55 ^m		-	
3	Kiyokawa	清川 Wakayama	I	11 16		-	
5	Syōbara	庄原 Hiroshima	II	11 37		-	
5	Syōbara	庄原 "	I	11 40		-	
13	Syōbara	庄原 "	II	11 48		-	
13	Hiwa	比和 "	III	12 36			
	Syōbara	庄原 "	II	36			
	Takano	高野 "	II	37			
	Yoshida	吉田 "	I	36			
	Sakai	境 Tottori	I	36		-	
	Hatsukaichi	廿日市 Hiroshima	I	37		heard	
20	Iwade	岩出 Wakayama	I	23 40			
25	Higashinogami	東野上 "	I	06 54			
31	Iwade	岩出 "	I	15 55			
	Higashinogami	東野上 "	I	16 00			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(p)	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	
	HRSM	0	P	37 36.2	+1 +2 -3	S	2 35.0	34	62	22	4	4	3			
	HMD	0	P	37 37.0	-3 -4 +4	S	2 29.2	31	87	27	4	4	3			
	MTYM	0	e P	37 38.8		e S	2 44.2	39	29	18	3	6	3			
	UWJM	0	e P	37 45.6		e S	2 52.8									
	SMZ	0	e P	37 47.6		S	2 54.0	42	15		5	7				
28	TTR	1	i P	08 28 38.4		i S	2.6	23	18	10	0	0	0			
28	WKYM	0	P	20 32 20.5		S	0.9	12								
28	HKN	0	e P	22 39 10.9		S	7.6	9	4	2	1	1	1			
28	KYT	1	i P	23 04 51.5	-2 -2 -4	i S	1.8	22	27	6	0	0	0			京都府南
	NR	1	e P	04 54.5		i S	4.6									S part
	OSK	(1)	e X	05 02.8				6	6	3	1	4	1			Kyoto pref.
	TYOK	0	e P	05 07.7		S	10.2	8	3		1	0				
29	WKYM	1	P	19 34 31.0		S	0.5	29	62		1	1				
31	KYT	0	e P	03 18 30.9		i S	2.0	8	14	4	0	0	0			
31	WKYM	1	P	15 59 48.6		S	1.3	94	170		1	1				
	SMT	0	P	59 52.8	-1 +1 -3	i S	4.1	23	6	4	0	0	1			
	TKMT	0	e P	16 00 05.7		e S	14.6	8	4	2	1	1	1			
31	WKYM	0	P	17 26 55.7		S	1.3	18			1					
	SMT	0	P	26 57.0	(-)	S	4.0	6	7	3	0	0	0			

大阪管区
地震月報

昭和40年 $\frac{11}{12}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

November
December 1 9 6 5

大阪管区气象台

The Osaka

District Meteorological Observatory

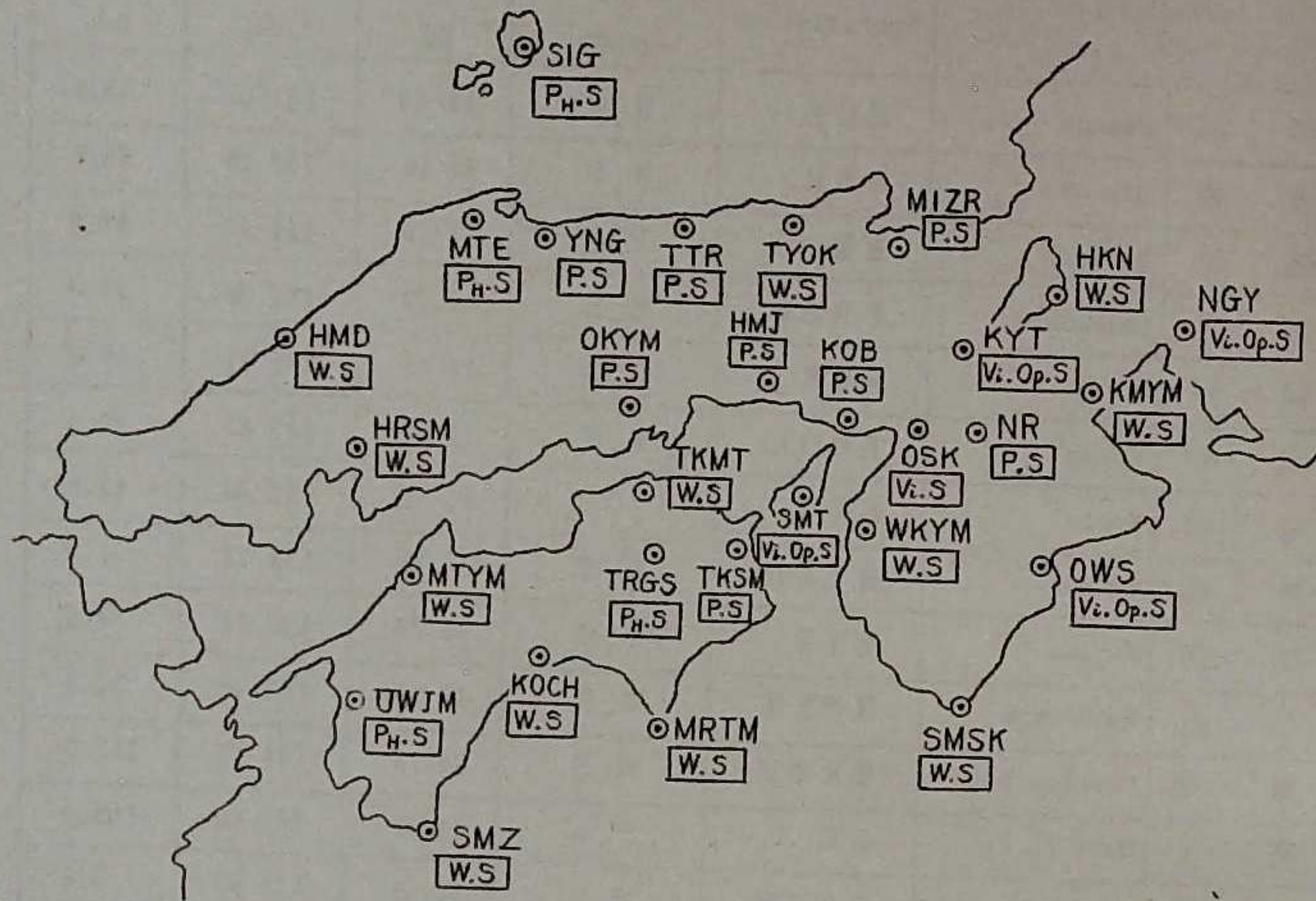
Japan

観測所一覧表

List of Station

Station		Abbreviation	Seismo- graph	Lat. (N)	Long. (E)	Height (m)
浜田	Hamada	HMD	W, S	34°54'	132°04'	18.8
彦根	Hikone	HKN	W, S	35 16	136 15	88.8
姫路	Himeji	HMJ	P, S	34 50	134 42	17.6
広島	Hiroshima	HRSM	W, S	34 22	132 26	29.7
神戸	Kobe	KOB	P, S	34 41	135 11	58.8
高知	Kochi	KOCH	W, S	33 33	133 32	40.4
京都	Kyoto	KYT	Vi, Op, S	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	P, S	35 28	135 23	31.2
松江	Matsue	MTE	PH, S	35 27	133 04	18.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	W, S	33 15	134 11	185.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	P, S	34 41	133 55	3.8
大阪	Osaka	OSK	Vi, S	34 39	135 32	5.1
西郷	Saigo	SIG	PH, S	36 12	133 20	27.7
清水	Shimizu	SMZ	W, S	32 43	133 01	30.2
湖岬	Shionomisaki	SMSK	W, S	33 27	135 46	74.3
洲本	Sumoto	SMT	Vi, Op, S	34 20	134 54	109.6
高松	Takamatsu	TKMT	W, S	34 19	134 03	9.6
徳島	Tokushima	TKSM	P, S	34 04	134 35	1.8
鳥取	Tottori	TTR	P, S	35 31	134 11	17.7
豊岡	Toyooka	TYOK	W, S	35 32	134 49	4.2
剣山	Tsurugisan	TRGS	PH, S	34 03	134 10	56.1
宇和島	Uwajima	UWJM	PH, S	33 14	132 33	43.4
和歌山	Wakayama	WKYM	W, S	34 14	135 10	14.3
米子	Yonago	YNG	P, S	35 26	133 21	7.1
龜山	Kameyama	KMYM	W, S	34 51	136 28	69.2
名古屋	Nagoya	NGY	Vi, Op, S	35 10	136 58	55.7
尾鷲	Owashi	OWS	Vi, Op, S	34 04	136 12	16.1

"Station Map"



Notation

Op: Electromagnetic seismograph with optical recorder
($T_0=1.5, V=500$ or 1000)

p : New-type portable seismograph
($T_0 \div 2, V \div 60$)

PH: Portable seismograph, horizontal only
($T_0=3 \sim 4, V \div 50$)

S : Strong motion seismograph
($T_0=5 \sim 6, V \div 1$)

Vi: Electromagnetic seismograph with visible recorder
($T_0=5, V=100$)

W : Wiechert's seismograph
($T_0 \div 5, V=80$)

Number of earthquakes

November - 1965

Station	S. I.	A class							Total	B class
		0	I	II	III	IV	V	VI		

Kinki District

Hikone	32	-	-	-	-	-	-	-	-	32	
Himeji	2	-	-	-	-	-	-	-	-	2	
Kobe	8	-	-	-	-	-	-	-	-	8	
Kyoto	22	-	-	-	-	-	-	-	-	22	49
Maizuru	4	-	-	-	-	-	-	-	-	4	
Nara	12	-	-	-	-	-	-	-	-	12	
Osaka	27	-	-	-	-	-	-	-	-	27	
Shionomisaki	8	-	-	-	-	-	-	-	-	8	
Sumoto	15	1	-	-	-	-	-	-	-	16	74
Toyooka	22	-	-	-	-	-	-	-	-	22	
Wakayama	25	5	-	1	-	-	-	-	-	31	

Chugoku District

Hamada	7	-	-	-	-	-	-	-	-	7	
Hiroshima	7	1	-	-	-	-	-	-	-	8	
Matsue	5	-	-	-	-	-	-	-	-	5	
Okayama	1	-	-	-	-	-	-	-	-	1	
Saigo	1	-	-	-	-	-	-	-	-	1	
Tottori	3	1	-	-	-	-	-	-	-	4	
Yonago	1	-	-	-	-	-	-	-	-	1	

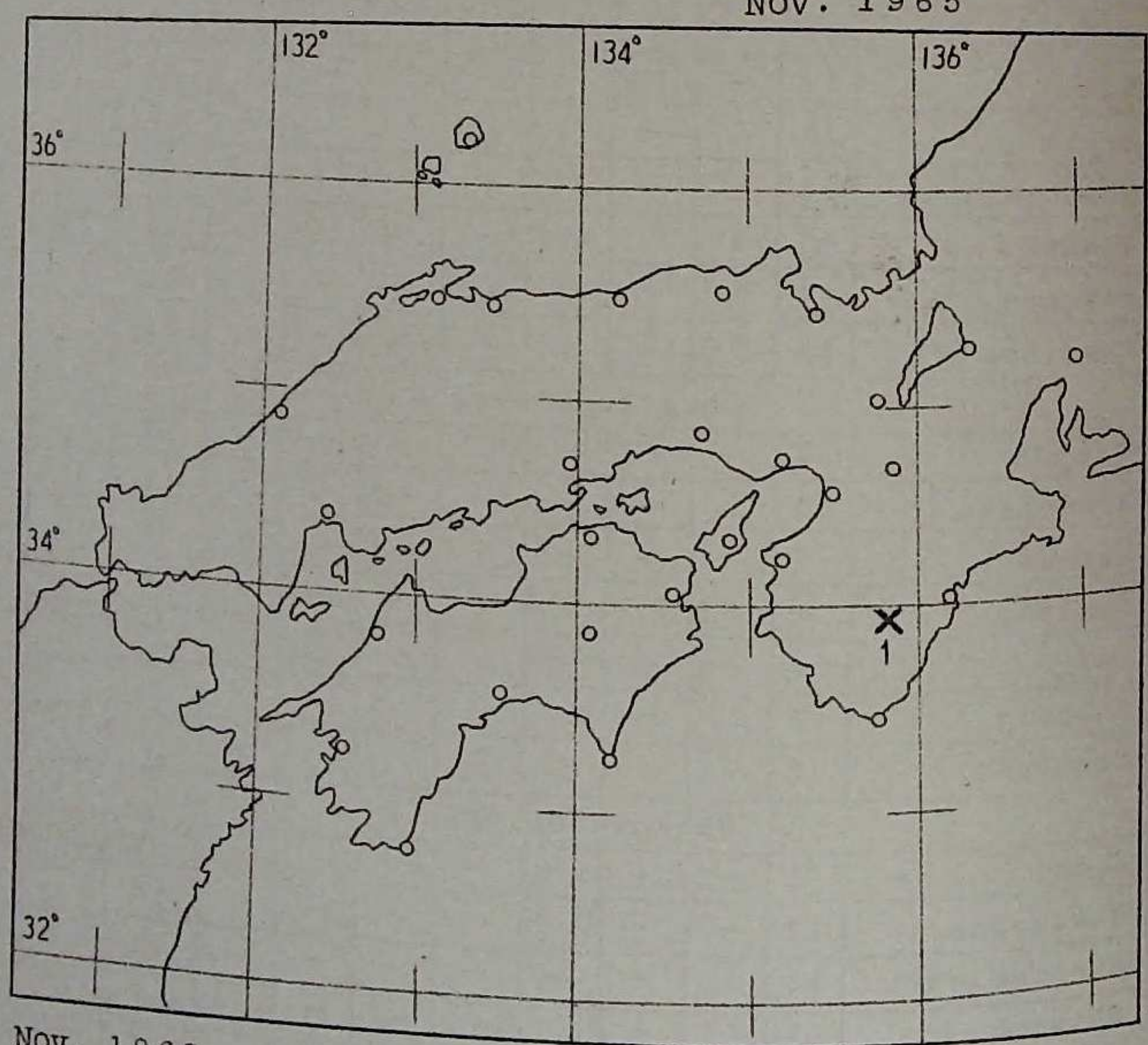
Shikoku District

Kochi	1	-	-	-	-	-	-	-	-	1	
Matsuyama	10	-	-	-	-	-	-	-	-	10	
Murotomisaki	12	-	-	-	-	-	-	-	-	12	
Shimizu	9	-	-	-	-	-	-	-	-	9	
Takamatsu	9	-	-	-	-	-	-	-	-	9	
Tokushima	7	-	-	-	-	-	-	-	-	7	
Tsurugisan	5	-	-	-	-	-	-	-	-	5	
Uwajima	2	-	-	-	-	-	-	-	-	2	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic seismometer.
 "B," class means number of earthquakes recorded on the optical electromagnetic seismometer excluding number of "A," class.

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

Nov. 1965



Nov. 1965

No.	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		Depth
1	9	00 ^h 13 ^m	紀伊半島南部 S part of Kii Pen.	°N 33.9	°N 135.8	km 40	III

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha.	Remarks		
							p-Pha.		Amp (μ)			Period(sec)					
							m	s	N	E	Z	N				E	Z
1	MRTM	0	iP	09:36:22.4	(-)-1	iS	6.0	12	24	10	0	0	0				
2	KOB	0	eP	03:37:52.0		iS	0.9										
2	NGY	0	eP	05:02:36.9	(-)(-)(-)	S	22.3	5	6	2	1	1	1				
3	NGY	0	eP	10:57:30.8	+2+2-3	eS	32.8	5	8	8	3	3	3				
	KMYM	0	iX	57:33.7			6	6	16	2	3	2					
	TYOK	0	iP	57:34.0	-9		15	13	12	1	1	4					
	KYT	0	iP	57:35.0	-1-2-1	eS	17.3	3	4	10	2	2	4				
	OSK	0	P	57:36.2	-8		23	22	29	2	3	2					
HKN	0	eS	57:43.3			10	5	9	2	2	3						
3	WKYM	0	eP	20:46:51.8		eS	1.5	5		1							
3	WKYM	0	eP	22:52:51.0		eS	0.7	2	2								
3	WKYM	0	P	23:43:14.5		S	1.0	3	2								
4	NGY	0	eP	17:19:57.2	(+)(+)			7	7	4	1	1	1				
	HKN	0	eP	20:20.9		eS	42.7	6	5	1	1	1	1				
	OSK	0	X	21:43.4			8	9	3	2	1	1					
4	NGY	0	eP	23:46:19.1	-2-2-5	S	23.6	22	23	9	2	2	1				
	HKN	0	P	46:27.3		S	26.3	22	22	9	1	1	2				
	KMYM	0	P	46:28.3		S	29.1	8	6	6	3	3	2				
	KYT	0	eP	46:35.1		iP	30.4	6	5	3	2	0	1				
	TYOK	0	eP	46:45.3		S	38	11	13		1	1					
	OSK	0	eP	46:45.9		S	38	6	15	20	5	3	5	3			
	WKYM	0	eP	46:52.5		eS	47.0	7	8		1	1					
5	WKYM	1	P	03:44:45.7		S	0.7	24	110								
5	NGY	0	eP	10:07:58.7		S	21.8	11	11	4	1	1	1				
	HKN	0	eP	08:08.2		S	23.7	13	13	3	1	1	2				
5	MTYM	0	eP	14:31:51.5		iS	7.0	9	9	8	0	0	0				
	HRSM	0	eP	31:53.4		eS	9.9	6	7	4	0	0	0				

松代付近
 N part of
 Nagano
 Pref.
 { 36.6° N
 138 1/4° E
 5 Km
 (J.M.A)

Date	Station	SL	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	p-Pha	Max. Amplitude						Pha	p-Pha	Remarks
								Amp (μ)			Period(sec)					
								m	s		N	E	Z			
6	NGY	0	iP	07 03 19.5	+1 -2 +10	iS		24.9	66	60	28	2	2	2	伊豆半島 南方沖 S off Izu Pen., Shizuoka Pref. { 342°N 1388°E 20km (JMA)	
	KMYM	0	P	03 21.8	+3 -5 +8	S		27.9	47	39	18	4	4	4		
	OWS	0	P	03 23.5		S		28.5	00	110	100	6	6	6		
	HKN	0	eP	03 29.1		eS		30.5	62	61	23	1	1	1		
	NR	0	eP	03 29.9												
	SMSK	0	eP	03 30.7		eS		31.2	8	12		8	9			
	KYT	0	iP	03 30.8	-2 -2 +2	iS		34.2	17	12	9	7	2	6		
	OSK	0	iP	03 32.2		S		35.8	85	69	22	5	5	3		
	KOB	0	eP	03 36.5												
	WKYM	0	P	03 37.6		S		37.5	16			1				
	SMT	0	P	03 39.1	-2 +2	eS		39.6	11	10	8	8	7	6		
	TYOK	0	P	03 43.1	(-)(-)				36	23	6	1	1	6		X 485
	TKSM	0	eP	03 43.6		eS		47.7								
	TKMT	0	eP	03 48.5		eS		47.2	6	6	5	10				
	MRTM	0	P	03 49.9		eS		45.8	6	5	5	6	6	1		
6	NGY	0	eP	07 07 16.0		iS		24.4	30	30	9	1	1	0	X 516	
	HKN	0	eP	07 26.1		eS		29.8	28	17	9	2	2	2		
	TYOK	0	eP	07 39.3					31	11	1	1				
6	HKN	0	eP	07 09 42.6		eS		30.2	9	8	3	1	1	2		
6	NGY	0	eP	07 39 37.6		S		17.2	6	5	1	1	1	1		
6	NGY	0	iP	10 23 41.6	+3 -3 +3	iS		24.8	34	29	10	1	1	1	X 1249	
	KMYM	0	P	23 44.5		iS		26.1	10	9	5	2	1	1		
	HKN	0	P	23 51.7		S		30.0	26	26	7	1	1	1		
	KYT	0	iP	23 53.8	-1 +2 +1	iS		33.7	6	4	3	2	2	1		
	OSK	0	X	24 03.0					13	12	4	3	4	2		
	TYOK	0	eP	24 05.7					34	11	1	1				
	NGY	0	P	14 43 21.4	+1 -1 +2	S		24.2	16	14	4	2	2	2		

Date	Station	SL	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	p-Pha	Max. Amplitude						Pha	p-Pha	Remarks
								Amp (μ)			Period(sec)					
								m	s		N	E	Z			
	KMYM	0	eP	43 24.1		eS		27.1	9	6	4	4	3	2		
	HKN	0	P	43 31.2		S		28.0	12	8	4	1	1	2		
	OSK	0	X	44 18.4					14	17	4	5	4	2		
6	NGY	0	eP	16 22 29.1	(+)	iS		24.5	30	24	12	1	1	1	三宅島付近 Near Miyakejima { 342°N 1396°E 5Km (JMA)	
	KMYM	0	eP	22 34.4		iS		24.6	13	9	7	2	2	3		
	KYT	0	iP	22 41.0	+1 -1	iS		33.6	8	5	2	2	1	1		
	HKN	0	eP	22 41.9		eS		30.0	27	21	7	1	1	1		
	OSK	0	eP	22 47.8		eS		38.8	20	22	6	5	4	2		
	TYOK	0	X	23 51.7												
	NGY	0	iP	17 57 45.6	+6 -7 +6	iS		24.8	120	120	60	1	1	1		
	KMYM	0	iP	57 49.0	+3 -6 +7	iS		27.6	140	100	49	4	4	4		
	OWS	0	iP	57 50.4	-1 -4 (+)	S		25.6	190	240	150	6	6	6		
	HKN	0	P	57 54.7		S		31.7	420	96	39	3	2	4		
	SMSK	0	eP	57 55.7		eS		30.4	37	36	8	8	10	3		
	NR	0	eP	57 55.8		eS		35.0								
	KYT	0	iP	57 57.5	+1 -2 +2	iS		33.6	43	24	15	3	4	5		
	OSK	0	iP	57 59.0	+6	S		35.2	170	230	56	4	5	3		
	WKYM	0	P	58 03.0		S		38.2	22	8		4	4			
	KOB	0	eP	58 04.1		eS		37.8								
	SMT	0	P	58 05.4	-1 +1	eS		38.9	26	19	16	8	6	7		
	HMJ	0	eP	58 09.1		eS		45.6								
	TYOK	0	eP	58 10.0		eS		45.8	72	53	17	1	1	7		
	TKSM	0	eP	58 10.3		eS		48.4								
	TRGS	0	eP	58 14.0												
	TKMT	0	eP	58 14.3		iS		50.1	18	11	4	10	7	5		
	MRTM	0	eP	58 15.8					24	15	3	9	6	5		
	TTR	0	eP	58 17.9		eS		1 80			10			7		

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks			
							p-Pha			Amp (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
	SMZ	0	eP	58.29.0				7	11		9	9			eX	2.412		
	MTYM	0	eP	58.31.7		eS	1	6.0	20	12	10	9	8	7				
	HRSM	0	eP	58.33.7	(-)+1	eS	1	2.2	14	7	7	12	7	6				
	HMD	0	eP	58.38.9	-1+1	eS	1	5.9	16	11	9	14	10	5				
	MTE	0	eP	58.43.9		eS	1	19.6										
7	NGY	0	iP	01.41.03.0	+1 -1 +4	iS		21.0	17	17	5	1	1	1				
	KMYM	0	iP	41.06.3	+3	iS		28.2	6	7	4	1	1	2				
	HKN	0	P	41.12.5		eS		29.4	21	12	6	1	1	1				
	OSK	0	eP	41.16.5					13	9	3	5	4	1	X	1.188		
	TYOK	0	eP	41.27.4					13	9		1	1					
7	NGY	0	iP	04.12.57.9	+1 -1 +1	S		24.9	6	5	2	1	1	1				
7	MIZR	0	iP	05.03.40.5		iS		2.0										
	TYOK	0	iP	03.46.4		iS		2.6	10	7		0	0					
7	TTR	1	eP	11.13.52.7		iS		1.9	52	30	35	0	0	2				
7	MIZR	0	iP	17.30.47.0		iS		12.7										
7	WKYM	0	P	22.46.22.7		S		0.5	3	5								
8	WKYM	0	P	04.28.08.7		S		2.0	12									
9	OWS	1	P	00.13.56.9		S		6.3	11	0	49	20					紀伊半島南部	
	SMSK	0	P	13.58.5	+21	iS		7.9	26	22	15	0	0	0				Spart of Kii Pen. 339°N 1358°E 40K (O.M.O)
	WKYM	0	P	13.59.2		S		8.3	70	80	55	1	1	1				
	NR	0	eP	14.02.5		iS		10.1										
	SMT	0	P	14.04.1		iS		11.1	11	11	3	0	1	1				
	KMYM	0	P	14.06.2	+5	S		13.6	13	8	7	1	1	1				
	KYT	0	iP	14.06.8		iS		14.6	17	13	5	1	0	1				
	HKN	0	eP	14.11.6		S		16.7	12	10	3	1	1	1				
	OSK	0	eX	14.13.1					31	21	7	2	3	1				
	KOB	0	eS	14.17.3														

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks			
							p-Pha			Amp (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
	TYOK	0	eP	14.25.3		S		13.4	11	10		1	1					
9	WKYM	0	P	23.11.39.4		S		2.4	4	9								
9	WKYM	0	P	23.56.05.1		S		0.5	4									
11	WKYM	0	P	05.32.48.4		S		4.4	10	8								
12	NGY	1	P	02.49.51.1	+1 -1 +5	iS		6.0	46	45	21	0	0	0			愛知県南部	
	KMYM	0	iP	49.58.3	+1 -1	iS		10.2	12	18		0	0				Spart of Aichi Pref.	
	HKN	0	eP	50.00.3		S		11.8	35	36		1	1					
	KYT	0	eP	50.06.1		eS		14.6	6	7		0	0					
	NR	0	eP	50.07.8		eS		15.6										
13	SMSK	0	eP	02.15.29.0		eS		1	3.7	12	14	1	11	10	0			鳥島近海 S off Honshu 306°N 1405°E 20Km (JMA)
	OWS	0	P	15.33.6					16	14	12	9	9	9				
	NGY	0	eP	15.40.9	(-)	eS		1	10.4	14	15	8	3	3	8			
	OSK	0	eP	15.42.7		S		1	12.0	45	50	13	5	5	5			
	KYT	0	eP	15.46.1					6	9	5	10	11	9		eX	4 16.6	
	SMT	0	P	15.47.0	(-)	eS		1	2.5	15	6	6	9	8	8			
	KMYM	0	P	15.50.4		S		1	20.4	16	15		9	9				
	WKYM	0	eP	15.51.7		eS		1	8.4	7	6		10	9				
	HKN	0	eP	15.52.7		eS		1	13.6	13	12		10	10				
	TKMT	0	eP	15.55.5		eS		1	5.4	3	10	9	9	11				
	SMZ	0	eP	15.56.8		eS		1	2.8	7	20	7	10	11				
	TYOK	0	eP	16.01.1					9	15	5	11	11	10				
	MTYM	0	eP	16.06.4					11	4	5	9	10	10	X	2 3.7		
	HRSM	0	eX	16.08.3					5	4	3	10	9	9	eX	1 49.-		
	HMD	0	eX	16.22.0		eS		1	4.8	4	8	6	4	8	9	12		
	MRTM	0	eL	17.14.0					13	7		9	11					
	TRGS	0	eP	17.28.2														
13	SMSK	0	eP	02.53.33.0		eS		1	9.9	10	10	18	9	11	8			

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	P-Pha m s	Remarks			
							P-Pha			Amp (μ)						period(sec)		
							m	s		N	E	Z				N	E	Z
	OWS	0	P	53:38.6		S	1.243	120.91	75	9	10	11						
	NGY	0	eP	53:45.1	(+)	(-)	S	1.126	74.74	24	6	8	8					
	NR	0	eP	53:48.0														
	SMT	0	P	53:53.0	+1-1 +2	eS	1.128	77.53	37	9	8	9	eX	338				
	KOB	0	eX	53:48.4														
	OSK	0	eP	53:49.4		eS	1.117	270.24	0.91	3	5	8						
	KYT	0	iP	53:53.1	+3+2 (+)	iS	1.174	44.49	41	9	12	10						
	KMYM	0	iP	53:53.3	+0+D	S	1.238	120.84		9	10		iX	25.7				
	HKN	0	eP	53:53.6		eS	1.139	95.97	57	10	10	10						
	TKSM	0	eP	53:54.6		eS	1.145											
	WKYM	0	P	53:55.3		S	1.84	60.44	14	11	13	8						
	TRGS	0	P	53:57.0														
	MRTM	0	eP	53:58.5		eS	1.101	140.93	42	10	8	6						
	SMZ	0	eP	54:03.0		eS	1.314	140.95		10	10							
	TKMT	0	eP	54:03.2		eS	1.314	76.65	28	9	11	9						
	MIZR	0	eP	54:05.9		eS	1.219											
	TYOK	0	P	54:07.8	(-)	(+)	(-)	66.00	33	12	12	9						
	UWJM	0	eP	54:08.8		eS	1.26											
	HMJ	0	eP	54:10.0		eS	1.15.6											
	OKYM	0	eP	54:11.3		eS	1.230											
	MTYM	0	eP	54:13.2		eS	1.345	86.41	41	9	10	9						
	TTR	0	eP	54:13.7		eS	1.480											
	YNG	0	eP	54:20.9		eS	1.37.9											
	HRSM	0	eP	54:20		eS	1.46	82.44	36	9	10	9						
	HMD	0	eP	54:27.9		eS	1.328	48.39	36	8	9	10						
	MTE	0	eP	54:30.6														
	SIG	0	P	54:31.7	+8	S	1.41.7						X 2	201				

鳥島近海
S off
Honshu
{ 305°N
1405°E
20K
(J.M.A)

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	Max. Amplitude						Pha	P-Pha m s	Remarks			
							P-Pha			Amp (μ)						Period(sec)		
							m	s		N	E	Z				N	E	Z
13	HRSM	1	P	04:41:38.0		iS	2.7	16.16	7	0	0	0						
13	WKYM	0	eP	05:15:53.8		eS	0.7	3.9										
13	HMD	0	P	13:40:41.4	-1+4 +6	eS	5.30.0	9.7	7	5	12	8	eX	1.34.6				
	MTYM	0	eP	40:51.3		eS	5.59.2	10.6	7	6	8	15			Altai Mts.			
	SMT	0	iP	41:01.3	(-)(+)(+)	S	5.46.2	8.5	6	7	5	7	eX	2.19.9	{ 438°N 878°E 59K (USCGS)			
	TRGS	0	P	41:01.8														
	MRTM	0	eP	41:03.3						11	12	6	7	eX	9.40.4			
	KYT	0	eP	41:04.1		eS	5.47.4	5.4	5	10	8	13						
	OSK	0	eP	41:04.2		eX	5.48.8	28.39	13	5	5	3	eX	11.44.0				
	WKYM	0	eX	41:04.4						9	8	8	6	eX	5.50.8			
	OWS	0	P	41:11.4						3	6	8	8					
	NGY	0	eP	41:13.6	(-)(+)(+)					7	8	5	3	3	4			
13	WKYM	3	P	15:14:54.0		S	12	40.60	50	1	1	1						
	SMT	0	P	14:57.5	(-)(+)	iS	3.3	10.6	2	0	0	0						
13	WKYM	1	P	15:32:53.5		S	13	34.70	15	1	1	1						
13	NGY	0	iP	23:15:03.5	-3-2 +2	iS	22.6	39.40	21	1	1	1						
	HKN	0	eP	15:11.0		S	26.4	37.34	13	1	1	1			松代付近 N part of Nagano Pref.			
	KMYM	0	eP	15:11.8		S	24.0	14.13	8	1	2	2			{ 366°N 1383°E OK (J.M.A)			
	NR	0	eP	15:19.0														
	KYTO	0	eP	15:20.2		iS	30.2	10.7	4	2	1	1						
	TYOK	0	eP	15:26.8		eS	38.3	15.28	5	1	1	1						
	OSK	0	eP	15:29.1		S	39.1	16.31	9	2	4	2						
14	WKYM	0	P	00:11:07.0		S	1.0	7.8										
14	UWJM	0	eP	09:03:59.6	(-)	eS	18.3								大分県西部 W part of Oita Pref.			
	SMZ	0	eP	04:06.6		eS	23.7	14.15		2	1							
	MTYM	0	eP	04:07.2		eS	24.0	23.16	5	1	1	1						
	HRSM	0	eP	04:08.2	(+)(+)(+)	eS	22.4	8.7	7	2	2	2						

Date	Station	SI	Pha	Time (J.S.T)			Initial Motion (μ)			Pha	Max. Amplitude			Pha	P-Pha	Remarks			
				h	m	s	N	E	Z		Amp (μ)						Period (sec)		
											m	s	N				E	Z	N
	HMD	0	eP	04	12	3			S	274	8	13	8	1	1	4			
	TKMT	0	eP	04	27	1			eS	366	14	9	5	1	1	1			
	MRTM	0	eP	04	27	1			S	405	5	6	3	1	1	1			
	MTE	0	eP	04	30	3			S	37.0									
	TKSM	0	eP	04	36	2			eS	384									
	SMT	0	P	04	40	5		(-)	eS	502	6	3	3	5	4	5			
	WKYM	0	eP	04	45	0			eS	492	7	6		2	2				
	TYOK	0	eP	04	55	5			eS	51.0	27	20		1	1				
	OSK	0	X	05	45	9					17	15	8	3	4	3			
14	NGY	0	eP	14	55	11.3		(+)	S	46.0	21	14	0	8	1	2	2	2	
	HKN	0	eP	55	16	6			eS	49.2	13	0	4	3	2	1	2		
	KMYM	0	eP	55	18	3			iS	50.1	9	4	6	3	2	2	1		
	KYT	0	eP	55	24	7			iS	48.5	2	4	1	2	2	1	2		
	OVS	0	P	55	26	0					12	10	7	2	3	4			
	NR	0	eP	55	29	5			eS	56.2									
	SMSK	0	eP	55	34	3			eS	1 189	12	16	5	2	3	1			
	TYOK	0	eP	55	35	2					88	55	6	1	1	3			
	SMT	0	P	55	36	2			eS	1 7.2	12	17	10	3	4	4			
	WKYM	0	P	55	37	8			S	1 7.0	26	14		1	1				
	KOB	0	eX	55	39	6													
	TTR	0	eP	55	40	2			eS	1 10.0									
	OSK	0	eX	55	42	6			X	1 3.5	200	0	50	5	5	3	X	37.7	
	TKSM	0	eP	55	43	5			eS	1 11.4									
	TKMT	0	eP	55	44	3			eS	1 12.8	18	11	5	4	3	2			
	TRGS	0	P	55	50	0													
	MRTM	0	eP	55	56	3			eS	1 29.5	11	7	3	2	2	2			
	MTYM	0	eP	56	02	6			eS	1 25.5	11	6	3	5	3	3			

茨城県沖
Off Ibaraki
Pref.
365°N
1410°E
40Km
(JMA)

Date	Station	SI	Pha	Time (J.S.T)			Initial Motion (μ)			Pha	Max. Amplitude			Pha	P-Pha	Remarks				
				h	m	s	N	E	Z		Amp (μ)						Period (sec)			
											m	s	N				E	Z	N	E
	HRSM	0	eP	56	02	7			-1			7	3	8	3	3	3	eX	1 29.-	
	HMD	0	eP	56	14	1				eS	1 22.4	9	5	6	3	3	4			
	MTE	0	eP	56	24	5				S	1 24.7									
4	WKYM	0	P	17	17	0	85			S	17	16	44							
6	NGY	0	eP	00	18	52	8	+1	+1	-1	S	21.2	6	5	3	1	1	1		
	HKN	0	eP	19	00	5				eS	26.4	8	5	3	1	1	2			
7	WKYM	1	P	04	28	27	5			S	0.7	100	64	17	1	1	1			
	SMT	0	P	28	30	7		(-)	(+)	(+)	iS	3.1	5	3	1	0	0	1		
9	KMYM	0	iP	05	10	42	6	-1	+1	-5	eS	8 263	6	5	8	4	4	2		Tonga Is.
	OSK	0	P	10	45	5				-4	eS	8 363	22	17	10	5	5	3		188°S
	SMT	0	P	10	45	6		-1	+2	-3	S	8 344	4	4	6	4	4	3	iX	1 324
19	TYOK	0	eP	07	03	47						12	9		1	1				1779°W
	OSK	0	eX	03	49	5						8	8	5	2	2	1			421Km
19	NGY	0	iP	19	06	48	0	-1	(-)	+5	iS	82	12	12	7	0	0	0		(USCGS)
	KMYM	0	P	06	56	1					S	12.3	6	6		0	1			
	HKN	0	P	06	57	9					S	12.6	13	10	6	1	0	0		
20	KYT	0	iP	04	28	42	5	+1	-1	-1	iS	2.5	11	9	5	0	0	0		京都府南部
	MIZR	0	iP	28	45	8					iS	4.9								S part of
	NR	0	eP	28	48	2					iS	7.0								Kyoto
	TYOK	0	eP	28	52	8					S	9.5	6	6		1	0			Pref.
20	NGY	0	eP	22	49	09.9						5	5	2	2	2	1			
21	NGY	0	P	00	19	26.1					eS	9.9	7	5	1	3	3	2		
	HKN	0	S	19	38	4						6	9	2	2	2	2			
21	NGY	0	iP	03	31	05	4	-2	-3	+4	iS	22.0	56	55	19	2	2	1		長野県北部
	HKN	0	P	31	14	3					S	23.7	64	60	16	1	1	2		N part of
	KMYM	0	P	31	15	2					S	27.4	24	16	11	2	2	2		Nagano
	KYT	0	eP	31	17	5					iS	28.6	15	11	4	2	1	1		Pref.

Date	Station	SL	Pha	Time (J.S.T.)			Initial Motion(μ)			Pha	Maz. Amplitude						Pha	p-Pha	Remarks
				h	m	s	N	E	Z		Amp (μ)			period(sec)					
											m	s	N	E	Z	N			
	NR	0	eP	31	25	7				eS	322								
	OVS	0	P	31	26	0				S	380	6	4	5	2	2	2		
	TYOK	0	eP	31	30	1				eS	39.7	23	19	9	1	1	1		
	TKSM	0	eP	31	44	6				eS	455								
	OSK	0	X	32	10	1						34	42	16	4	5	2		
21	NGY	0	eP	15	39	07.5	+2	+2	-2	iS	217	21	24	8	1	1	1		
	HKN	0	eP	39	18	4				S	211	26	19	7	1	1	1		
	KMYM	0	eP	39	19	8				iS	25.4	7	6	4	4	4	2		
	KYT	0	eP	39	24	6				iS	27.4	5	4	1	2	2	2		
21	MRTM	0	eP	19	39	14.1				iS	5	5	6	5	3	3			
	HRSM	0	eP	39	22	4	(+)	(+)	(+)	eS	5	5	6	0	5	5	1		
	SMT	0	P	39	23	6	(-)	(+)	(-)	S	5	5	6	2	4	4	4		
	KMYM	0	P	39	28	9	+4	-3	-5			19	25	6	4	4	4		
	KYT	0	eP	39	28	9				eS	6	16	7	6	3	4	4	5	
	NGY	0	eP	39	32	1	(+)	(-)	(-)			9	13	5	3	3	4		
	OSK	0	eX	39	32	2				eS	5	55.4	46	32	10	5	4	4	
	HKN	0	P	39	35	2				S	6	9	0	19	10	4	3	1	1
21	MTE	0	iP	20	16	43.5				iS	4.9								
22	MRTM	0	eP	04	21	18.6				iS	84	4	5		1	1			
22	NGY	0	iP	21	09	44.7	(-)	(-)	+2	iS	22.7	23	22	9	2	2	1		
	HKN	0	eP	09	52	2				S	25.4	25	24	10	1	1	2		
	KMYM	0	P	09	54	6				iS	28.4	9	9	7	2	2	2		
	KYT	0	eP	10	01	4				iS	30.4	7	6	2	2	2	1		
	NR	0	eP	10	03	8				eS	35.5								
	OSK	0	eP	10	07	5				eS	39.4	12	20	6	2	4	3		
	TYOK	0	eP	10	09	7				eS	40.2	10	8		1	1			
22	NGY	0	iP	22	30	35.4	-1	-1	+2	iS	22.6	62	70	29	2	1	1		

松代付近
N part of
Nagano
Pref.
{ 366°N
1381°E
OK
(J.M.A.)

Date	Station	SL	Pha	Time (J.S.T.)			Initial Motion(μ)			Pha	Max. Amplitude						Pha	p-Pha	Remarks
				h	m	s	N	E	Z		Amp (μ)			period(sec)					
											m	s	N	E	Z	N			
	HKN	0	Pz	30	40	5				iS	22.4	55	64	18	1	1	1		
	KMYM	0	iP	30	44	3			+2	iS	29.6	19	28	15	3	4	3		
	KYT	0	eP	30	47	3				eS	34.9	7	7	6	2	1	5		
	NR	0	eP	30	53	1				eS	35.9								
	OVS	0	P	30	53	4				S	38.6	5	4	3	2	2	1		
	TYOK	0	eP	30	59	6				eS	39.0	21	23		1	1			
	OSK	0	eP	31	00	-				S	40	47	75	16	4	5	3		
	WKYM	0	eP	31	11	3				eS	46.7	10	10		1	1			
	KOB	0	eX	31	43	6											X	1-130	
23	HKN	0	ePz	02	58	17.0				SN	25.2								
	NGY	0	iP	58	10	1	-11	-10	+11	iS	23.5	97	97	44	1	1	1		
	KMYM	0	P	58	18	6	(-)	(-)	+3	S	31.1	38	37	23	1	4	2		
	KYT	0	eP	58	23	5				iS	34.1	24	15	10	2	1	1		
	NR	0	eP	58	25	5				eS	36.2								
	OSK	0	eP	58	28	6				eS	40.3	61	88	24	3	5	2		
	OVS	0	P	58	32	0				S	40.0	13	7	8	2	2	1		
	TYOK	0	eP	58	35	6				eS	40.5	54	68	12	1	1	1		
	SMT	0	P	58	36	4			(+)	S	52.6	8	8	5	10	2	4		
	SMSK	0	eP	58	38	1				eS	50.5	8	11	7	2	2	1		
	KOB	0	eP	58	39	9				eS	40.6								
	WKYM	0	eP	58	44	2				eS	43.9	20	14		1	1			
	TKMT	0	eP	58	47	5				eS	53.8	11	8	3	6	6	2		
	TKSM	0	eP	58	48	4				eS	47.1								
	MRTM	0	eP	59	06	4				eS	57.8	4	6		2	2			
	MTYM	0	eP	59	14	3				eS	1	11.3	6	4	2	5	4	4	
23	OSK	0	eX	10	24	05.9						18	17	5	4	4	3		
24	NGY	0	P	14	14	09.0	-1	-1	+2	iS	22.6	20	20	8	2	1	1		

松代付近

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	p-Pha m s	Max. Amplitude						Pha	p-Pha m s	Remarks
								Amp (μ)			Period(sec)					
								N	E	Z	N	E	Z			
	HKN	0	P	14:16.3		S	26.1	17	19	7	1	1	1			366°N 1383°E OK (J.M.A.)
	OSK	0	X	15:09.5				10	14	4	4	4	3			
24	WKYM	1	P	19:37:48.3		S	0.9	29	30	21	1	1	1			
25	WKYM	0	P	08:04:47.3		S	3.4	24	26	6	1	1	1			
26	NGY	0	eP	09:18:26.7		eS	46.1	17	13	4	2	2	2			八丈島近海 325°N 1410°E 200Km (J.M.A.)
	HKN	0	P	18:35.3		eS	1 3.4	11	5	4	2	2	2			
26	MTYM	0	eP	10:18:08.1		iS	24.0	15	6	3	1	1	1			
	SMZ	0	eP	18:09.9		eS	19.2	7	4		1	1				
27	WKYM	1	P	10:49:50.9		S	1.4	30	26		1	1				
27	SMSK	0	eP	12:05:27.0		eS	54.4	13	11		10	8				八丈島近海 S off Honshu.
	OVS	0	P	05:32.0		eS	56.0	14	13		9	9				
	WKYM	0	eP	05:44.7		eS	51.8	7	5		10	10				
	NGY	0	eP	05:46.0		eS	58.0	16	13	5	3	3	3			
	HKN	0	eP	05:46.2		eS	1 83	11	10	6	4	11	10			
	SMT	0	P	05:47.0		(+) eS	1 11.2	10	7	5	9	9	9			
	KMYM	0	eP	05:49.7		eS	57.3	16	12	8	7	6	5			
	KYT	0	eP	05:51.1		eS	1 6.9	6	8	5	14	12	11			
	MRTM	0	eP	05:53.3				6	5		9	9		eL	1 322	
	SMZ	0	eX	05:56.2				10	5		10	9		eX	2 86	
	KOCH	0	eP	06:00.8				18	15		8	7		L	1 356	
	TYOK	0	eP	06:06.5				9	12		10	14		X	1 450	
	TKMT	0	eP	06:07.8		S	1 13.4	8	6	1	9	12	1			
	MTYM	0	eP	06:09.5		eS	1 18.8	9	6	3	9	10	10			
	OSK	0	eX	06:09.5				41	37	13	4	3	3			
	HMD	0	eX	08:04.0				6	3		13	9		eX	2 350	
27	NGY	0	eP	12:45:30.4				6	9	2	3	3	3			
27	NGY	0	P	17:43:24.3	-2 +3 -2	S	48.1	19	18	7	2	2	2			八丈島南東沖

Date	Station	SL	Pha	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha	p-Pha m s	Max. Amplitude						Pha	p-Pha m s	Remarks
								Amp (μ)			Period(sec)					
								N	E	Z	N	E	Z			
	KMYM	0	iP	43:26.3	-2	eS	48.1	9	8	7	4	4	3			S off Honshu 328°N 1404°E 100Km (J.M.A.)
	HKN	0	P	43:33.7		S	54.6	18	12	7	1	2	3			
	OSK	0	eP	43:34.8		eS	48.5	13	20	7	2	4	3			
	KYT	0	eP	43:36.0		eS	58.0	5	5	2	2	2	2			
27	SMT	1	P	20:09:21.0	-1 (+) -1	iS	6.2	16	11	5	0	0	0			
	TKMT	0	eP	09:22.4		iS	7.5	7	7	3	1	1	1			
28	HKN	0	eP	18:44:42.5		S	27.2	8	4	2	1	1	1			
30	WKYM	0	P	06:13:27.0		S	2.2	34	28	50	1	1	1			
	SMT	0	P	13:27.9	(+) (-)	S	4.2	12	6	2	0	0	0			

REPORT OF EARTHQUAKES

Station not equipped with Seismograph

昭和40年11月

Nov. 1965

Date	Station	Prefecture	SI.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
3	Kiyokawa	清川	Wakayama	I	22 ^h 55 ^m	—	
5	"	"	"	I	23 —	heard	
7	Ayabe	綾部	Kyoto	I	08 50	—	
8	Kawakami	川上	Wakayama	I	04 28		
9	Ryujin	竜神	"	III	00 10		
	Shingu	新宮	"	III	00 13	—	
	Terakaido	寺垣内	Nara	III	00 14	—	
	kurisugawa	栗栖川	Wakayama	II	00 12	—	
	Jchikano	市鹿野	"	II	00 13	—	
	Zenki	前鬼	Nara	II	00 14	—	
	Futatsuno	二津野	"	II	00 14	—	
	Kazaya	風屋	"	II	00 14	—	
	Shirakawa	白川	"	II	00 14	—	
	Shirahama	白浜	Wakayama	I	00 14	heard	
13	Kure	呉	Hiroshima	II	04 41	—	
	Hatsukaichi	廿日市	"	I	04 41	—	
19	Kiyokawa	清川	Wakayama	I	07 12		
	Futotsuno	二津野	Nara	I	07 14		
20	Ayabe	綾部	Kyoto	II	04 28		
24	Kiyokawa	清川	Wakayama	I	01 11	heard	
	"	"	"	I	01 45	heard	
30	Kibi	吉備	"	II	06 14	—	

Number of earthquakes

December. 1965

Station	S. I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki district											
Hikone	14	1	—	—	—	—	—	—	—	15	
Himeji	0	—	—	—	—	—	—	—	—	0	
Kobe	3	—	—	—	—	—	—	—	—	3	
Kyoto	2	1	—	—	—	—	—	—	—	3	44
Maizuru	0	—	—	—	—	—	—	—	—	0	
Nara	4	—	—	—	—	—	—	—	—	4	
Osaka	9	—	—	—	—	—	—	—	—	9	
Shionomisaki	2	—	—	—	—	—	—	—	—	2	
Sumoto	7	1	—	—	—	—	—	—	—	8	59
Tyooka	6	—	—	—	—	—	—	—	—	6	
Wakayama	17	5	3	—	—	—	—	—	—	25	
Chugoku district											
Hamada	2	1	—	—	—	—	—	—	—	3	
Hiroshima	2	—	—	—	—	—	—	—	—	2	
Matsue	2	—	—	—	—	—	—	—	—	2	
Okayama	2	—	—	—	—	—	—	—	—	2	
Saigo	0	—	—	—	—	—	—	—	—	0	
Tottori	1	1	—	—	—	—	—	—	—	2	
Yonago	1	—	—	—	—	—	—	—	—	1	
Shikoku district											
Kochi	6	—	—	—	—	—	—	—	—	6	
Matsuyama	3	—	—	—	—	—	—	—	—	3	
Murotomisaki	4	—	—	—	—	—	—	—	—	4	
Shimizu	1	—	—	—	—	—	—	—	—	1	
Takamatsu	4	—	—	—	—	—	—	—	—	4	
Tokushima	6	—	—	—	—	—	—	—	—	6	
Tsurugisan	1	—	—	—	—	—	—	—	—	1	
Uwajima	6	—	—	—	—	—	—	—	—	6	

Date	Station	SI	Pha	Time (J.S.T.)	Initial Motion (μ)	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks	
							p-Pha m s	Amp (μ)			Period (sec)					
								N	E	Z	N	E				Z
1	NGY	0	P	02:04:08.1	-1	iS	9.7	32	24	18	0	0	0			
	KMYM	0	eP	04:12.5		iS	13.8	8	8		0	0				
	HKN	0	P	04:20.8		iS	14.7	35	15	7	1	1	1			
	NR	0	eP	04:25.6		eS	188									
1	WKYM	0	P	02:20:48.2		S	07	5	8							
2	WKYM	0	P	02:14:13.7		S	1.1	41	40	22	1	1	1			
	SMT	0	P	14:17.4	(-)(+)(+)	iS	39	15	3		0					
3	WKYM	0	P	12:01:21.4		S	05	20	30		1	1				
5	WKYM	0	P	03:27:07.9		S	12	11	30							
6	UWJM	0	eP	13:59:58.5		iS	26.5									
6	MRTM	0	eX	16:59:26.1				6	2		2	1				
8	NGY	0	iP	06:54:36.0	-1 -1 +2	S	23.0	10	10	4	1	1	1			
	HKN	0	eP	54:49.3		S	20.6	11	9	4	1	1	2			
8	UWJM	0	eP	14:25:42.9		S	25.0									
	SMZ	0	eP	25:47.1		eS	26.8	17	13		2	1				
	MTYM	0	eP	25:51.5		eS	300	16	17	7	1	1	1			
	HRSM	0	eP	25:52.4		eS	33.5	9	11	10	2	3	1			
	HMD	0	eP	25:55.5		S	33.7	14	17	8	2	2	5			
	KOCH	0	eP	26:00.4		iS	36.6	18	10		2	2				
	MRTM	0	eP	26:02.6		eS	46.0	10	7	5	2	2	1			
	MTE	0	eP	26:06.9		eS	55.0									
	TKMT	0	eP	26:08.1		eS	47.0	17	12	7	1	1	1			
	TKSM	0	eP	26:10.1		eS	47.2									
	SMT	0	P	26:14.2		S	55.7	8	5	4	3	2	3			
	TYOK	0	eP	26:37.-				47	39		1	1				
	WKYM	0	eX	26:44.7				4			1					
	HKN	0	eP	26:50.7		eS	1110	8	5	2	2	1	2	eX	472	

八代海
Off coast
of
Kumamoto
Prep.
{ 325°N
1305°E
20Km
(J.M.A)



Date	Station	SI	Pha	Time (J.S.T.)	Initial Motion (μ)	Pha	Max. Amplitude						Pha	p-Pha m s	Remarks	
							p-Pha m s	Amp (μ)			Period (sec)					
								N	E	Z	N	E				Z
	YNG	0	eS	27:04.5												
	OSK	0	eX	27:40.1				17	14	13	3	2	3			
9	NGY	0	P	23:12:26.4	-1 -1 +1	S	22.2	16	17	7	1	1	1		松代付近 N part of Nagano Pref. { 36.6°N 138.2°E 0 Km (J.M.A)	
	HKN	0	eP	12:35.4		S	24.4	14	12	5	1	1	1			
	OSK	0	eX	13:19.8				10	15	2	3	5	3			
10	WKYM	0	P	06:40:27.3		S	05	15								
11	WKYM	0	P	00:16:51.3		S	08	2	5							
11	WKYM	2	P	05:35:43.5		S	12	140	63	52	1	1	1			
11	WKYM	0	P	19:41:07.9		S	05	16	20							
12	WKYM	1	P	08:32:52.0		S	07	10	58	12						
12	HKN	1	P	15:57:10.8		iS	33	68	120	42	1	1	1		三重県北部 N part of Mie Pref. { 32.5°N 136.5°E 20Km (J.M.A)	
	KMYM	1	iP	57:14.2	-5 +4	iS	5.7	28	24		0	0				
	NGY	1	iP	57:14.2	-1 -1 -9	iS	5.8	14	12	16	0	0	0			
	KYT	1	eP	57:18.7		iS	10.0	11	25	5	0	0	0			
	NR	0	eP	57:20.8		iS	9.8									
12	WKYM	0	P	23:58:50.9		S	07	11	25							
13	WKYM	0	P	00:05:24.5		S	4.4	10	13	41	1	1	1			
13	UWJM	0	eP	08:47:32.2		iS	4.4									
13	TYOK	0	eP	19:55:37.-				9	6		1	17		eL	4:41	根室東方 遙か沖
	SMT	0	eP	55:53.0		eS	450.4	4	5	2	15	15	14	L	5:57	Far E off Hokkaido { 44.0°N 152.0°E (J.M.A)
	HMD	0	eP	55:59.6		+ S	323.0	5	7	8	4	4	4			
	NGY	0	eP	55:-				8	8	2	2	2	2			
	KOCH	0	eP	56:03.8				8	6		16	16		eX	7:39.2	
	OSK	0	eX	56:11.9				15	20	8	4	5	3			
13	NGY	0	eP	23:21:55.0	-1 -1 -1	iS	9.4	17	14	4	1	1	1			
	HKN	0	eP	22:05.7		iS	15.0	27	8	4	1	1	1			
14	HKN	0	P	09:04:57.1		S	389	8	3	3	2	2	1			



Date	Station	SL	Pha	Time (J.S.T)	Initial Motion(μ)	Pha	Max. Amplitude						Pha	p-Pha	Remarks		
							p-Pha		Amp (μ)		Period(sec)					Pha	p-Pha
							m	s	N	E	Z	N					
15	TTR	1	eP	20 41 33.7		iS	0.2										
16	TTR	0	P	01 22 39.1		iS	2.6										
17	WKYM	2	P	06 51 14.3		S	1.6	20	80	92	1	1	1				
	SMT	0	iP	51 16.8	-5 +2 -6	iS	4.1	41	25	10	0	0	0				
	TKSM	0	iP	51 20.3		iS	6.9										
	KOB	0	eP	51 22.3		eS	7.9										
	OWS	0	P	51 27.1		S	10.9	6	5	5	1		3				
	NR	0	eP	51 27.3		eS	9.9										
	TKMT	0	eP	51 28.0		eS	13.1	15	16	11	1	1	1				
	OKYM	0	eP	51 31.3		iS	17.1	18	17	5	1	1	1				
	KYT	0	eP	51 31.7		eS	13.2	6	6	3	1	1	1				
	TRGS	0	eP	51 32.3		eS	8.2										
	KMYM	0	iP	51 36.3		+1 -3 iS	16.6	10	9	12	1	1	2				
	KOCH	0	eP	51 37.3		iS	17.5	4	5		1	1					
	TYOK	0	eP	51 39.6		S	17.1	12	24		1	1					
	HKN	0	eP	51 39.9		S	18.7	12	10	4	1	1	1				
	NGY	0	eP	51 45.0		(-) eS	25.0	6	7	2	1	1	1				
	MTYM	0	eP	51 47.5		eS	26.2	5	7	3	1	1	1				
18	WKYM	0	P	11 49 54.6		S	1.2	28	45	14	1	1	1				
18	TKSM	0	eP	18 38 34.4		iS	1.4										
18	HMD	(1)	P	21 25 33.8		+3 +4 +4 S	5.0	32	30	19	0	0	0				
	HRSM	0	iP	25 36.1		+2 -5 -5 iS	7.6	24	20	15	1	0	0				
	MTYM	0	eP	25 46.7		iS	13.5	18	21	10	1	1	1				
	MTE	0	iP	25 51.3		iS	16.9										
	KOCH	0	iP	25 56.7		iS	21.5	6	4	4	1	0	0				
	TKMT	0	eP	25 58.0		iS	24.8	8	7	6	1	1	2				
	TKSM	0	eX	26 08.3													

和歌山
Near
Wakayama
{ 342°N
1352°E
5Km
(O.M.O)

島根県南
W part of
Shimane
{ 346°N
1318°E
20Km
(O.M.O)

Date	Station	SL	Pha	Time (J.S.T)	Initial Motion(μ)	Pha	Max. Amplitude						Pha	p-Pha	Remarks		
							p-Pha		Amp (μ)		Period(sec)					Pha	p-Pha
							m	s	N	E	Z	N					
	TYOK	0	eS	26 52.3							19	13	1	1			
19	UWJM	0	eP	07 51 46.0		iS	2.69										
19	NGY	0	eP	13 43 36.0	(-) (-) (+)	S	22.4	11	11	5	1	1	1				
	HKN	0	eP	43 45.8		S	22.8	10	10	4	1	1	1				
20	SMSK	0	eP	11 42 38.9		eS	8.2	7	3								
20	NGY	0	eP	22 41 18.9		-1 iS	3.07	15	10	7	0	0	0				
	HKN	0	eP	41 30.6		S	16.6	14	7		1	1					
21	MRTM	0	iP	02 32 01.0	+2 +3	iS	5.9	36	21	30	1	1	1				
	TKSM	0	eP	32 04.2		iS	7.2										
	TKMT	0	eP	32 09.7		iS	11.8	9	12	7	1	1	1				
	WKYM	0	P	32 09.8		S	10.4	21	17		1	1					
	SMT	0	P	32 10.0	+1 +1	S	10.5	8	5	2	0	0	0				
	KOCH	0	iP	32 10.4	+2	iS	10.1	6	8	5	0	0	0				
	KOB	0	eP	32 18.1		eS	14.8										
	OSK	0	eX	32 37.9				7	7	4	1	1	1				
22	OSK	0	eX	09 34 14.5				8	8	4	3	3	3	eX	5	6.6	
22	WKYM	1	P	22 01 52.7		S	0.7	24	17								
23	UWJM	0	eP	04 06 20.3		eS	8-										
24	WKYM	1	P	12 38 34.5		S	0.7	140	170	50	1	1	1				
	SMT	0	P	38 37.8	-2 +2 -3	S	3.2	17	13	3	0	0	0				
25	WKYM	1	P	10 56 15.5		S	0.8	12	27								
25	NGY	0	eP	20 54 25.8		(+) (-)	S	27.4	17	13	4	2	2	4			
	KMYM	0	eP	54 32.0		S	30.1	10	8	6	4	4	5				
	HKN	0	eP	55 33.8		eS	35.0	11	2		2		1				
	OSK	0	eX	55 51.1				32	30	10	4	5	2				
26	WKYM	0	P	01 16 30.6		S	0.7	9	10								
26	WKYM	0	P	08 23 49.4		S	5.5	13	13								

紀伊水道
南部
Kii
Channel
{ 335°N
134.6°E
20Km
(O.M.O)

神津島
近海
Izu
Islands
{ 342°N
139.1°E
10Km
(J.M.A)

Date	Station	SI.	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	p-Pha	Max. Amplitude						Pha	P-Pha	Remarks
								Amp (μ)			Period(sec)					
								N	E	Z	N	E	Z			
27	NGY	0	eP	01:16:42.4	(+)(+)	S	22.2	7	7	3	2	1	1			
	HKN	0	eS	18:14.6				7	8	4	1	1	1			
27	NGY	0	eP	13:08:33.7		S	1 1.1	23	20	6	2	2	1			
	KMYM	0	eP	08:57.7		S	50.0	8	6		3	2				
	HKN	0	eP	09:46.4				14	9	6	1	1	1			
	OSK	0	X	10:07.9				26	24	10	4	4	2			
27	UWJM	0	eP	20:03:37.8		iS	5.2									
27	WKYM	0	P	22:58:25.7		S	1.1	39	12							
28	WKYM	1	P	02:44:57.5		S	0.6	20	30							
28	WKYM	2	P	03:49:19.8	+19+17+24	S	2.5	26	24	84	1	1	1			
	SMT	(1)	iP	49:23.2	-7+3-8	iS	4.5	40	24	9	0	0	0			
	TKSM	0	eP	49:26.6		iS	7.0									
	KOB	0	eP	49:29.4		eS	84									
	OSK	0	eP	49:31.2		eS	88	23	43	8	3	4	2			
	SMSK	0	P	49:31.8	+3	iS	9.5	26	13	9	1	2	2			
	NR	0	eP	49:33.7												
	KYT	0	iP	49:37.2	(-)(+)(+)	iS	13.6	5	6	1	1	2	1			
	OKYM	0	eP	49:37.8		iS	16.2	18	18	5	1	1	1			
	MRTM	0	eP	49:38.9		iS	14.7	9	10	5	1	1	0			
	KMYM	0	eP	49:41.8		iS	16.9	13	11	7	1	1	1			
	KOCH	0	iP	49:44.3		iS	17.3	3	5		0	0				
	TYOK	0	eP	49:44.3		eS	19.8	35	29	7	1	1	0			
	HKN	0	eP	49:49.5		S	15.4	17	11	4	1	1	1			
	NGY	0	eP	49:51.0	(+)(-)	eS	27.0	6	7	2	1	1	1			
28	WKYM	0	P	03:54:39.6		S	1.0	7	7							
28	WKYM	0	P	06:05:59.0		S	0.9	11	8							
29	NGY	0	eP	05:34:28.2				18	23	8	3	3	3			

Station	SI.	Pha	Time (J.S.T.)	Initial Motion(μ)	Pha	p-Pha	Max. Amplitude						Pha	P-Pha	Remarks
							Amp (μ)			Period(sec)					
							N	E	Z	N	E	Z			
KMYM	0	iP	34:29.0	+8 -5 -3	S	1 36.3	10	9	10	3	3	3			
SMT	0	P	34:35.7	(-)	S	1 49.1	5	5	6	4	3	4			
HKN	0	eP	34:35.9		S	1 55.8	14	10	5	2	3	3			
OSK	0	X	34:38.1				38	47	20	4	5	3	eX	1 533	
TYOK	0	eP	34:46.7				9	8	3	1	1	1	X	3 167	

関東通
E off
Kanto
{ 36.4
142.4
40.5
(J.M.A)

和歌山
Near
Wakayama
{ 34.2
135.2
5.8
(Q.M.C)

Report of earthquakes

Station not equipped with Seismograph

昭和40年12月

Dec. 1965

Date	Station	Prefecture	SL	Time (J.S.T)	Character of tremor	Earthquake Sound	Remarks
10	Kiyokawa	清川	Wakayama	I 10 ^h 30 ^m		heard	
	Kiyokawa	清川	Wakayama	I 15 30		heard	
	Kiyokawa	清川	Wakayama	II 15 35		heard	
12	Aburahi	油日	Shiga	I 15 55		heard	
14	Shirahama	白浜	Wakayama	I 19 41		heard	
15	Izushi	出石	Hyogo	II 09 58		-	
	Ayabe	綾部	Kyoto	I 10 25		-	
	Ayabe	綾部	Kyoto	I 10 32		-	
	Kawakami	川上	Wakayama	I		-	
16	Iwade	岩出	Wakayama	I 15 -		-	
17	Higashinogami	東野上	Wakayama	II 06 51		heard	
	Kibi	吉備	Wakayama	II 06 51		-	
18	Kure	呉	Hiroshima	I 21 26		-	
19	Kiyokawa	清川	Wakayama	I 11 30		-	
21	Hiwasa	日和佐	Tokushima	III 02 31		-	
22	Tanabe	田辺	Wakayama	I 20 48		heard	
	Kiyokawa	清川	Wakayama	I 20 48		-	
26	Shirahama	白浜	Wakayama	I 00 30		-	
28	Kibi	吉備	Wakayama	II 03 50		-	
	Kibi	吉備	Wakayama	II 03 55		-	
	Higashinogami	東野上	Wakayama	I 03 54		-	
30	Kibi	吉備	Wakayama	I 13 10		-	

昭和40年(1965)官署別地震回数

Number of earthquakes

Remarks

P: Portable seismograph (3 comp.)

(T₀ ≐ 2 sec., V = 60)

PH: Portable seismograph, horizontal only.

(T₀ = 3 ~ 4 sec., V = 50)

S: Strong motion seismograph

(T₀ = 5 ~ 6 sec., V = 1)

Vi: Electromagnetic seismometer with visible recorder.

(T₀ = 5 sec., V = 100)

Op: Electromagnetic seismometer with optical recorder

(T₀ = 1.5 sec., V = 500 or 1000)

W: Wiechert's seismograph

(T₀ ≐ 5 sec., V ≐ 80)

I: Ishimoto's seismograph

(T₀ = 1 sec., V = 300)

S.I.: Scale of seismic intensity by J.M.A. (0 ~ VI)

Station Hikone (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	-	-	-	-	-	1	-	-	-	-	1	20
II	-	-	2	1	-	-	-	-	-	-	-	-	20
III	-	-	-	1	-	-	-	-	-	-	-	-	20
IV	-	-	-	-	-	-	-	-	-	-	-	-	20
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	20
Total(felt)	1	0	2	2	0	0	1	0	0	0	0	1	20
O	15	18	15	13	10	13	21	12	24	13	32	14	20
Total	16	18	17	15	10	13	22	12	24	13	32	15	20

Himeji (P.S.)

I	-	-	-	-	-	-	1	-	-	-	-	-	19
II	-	-	-	-	-	-	-	-	-	-	-	-	19
III	-	-	-	-	-	-	-	-	-	-	-	-	19
IV	-	-	-	-	-	-	-	-	-	-	-	-	19
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	19
Total(felt)	0	0	0	0	0	0	1	0	0	0	0	0	19
O	*	3	1	2	1	1	1	0	2	1	2	-	19
Total	*	3	1	2	1	1	2	0	2	1	2	0	19

Kobe (P.S.)

I	-	-	-	-	-	-	-	-	-	-	-	-	54
II	-	-	-	-	-	-	-	-	-	-	-	-	55
III	-	-	-	-	-	-	-	-	-	-	-	-	55
IV	-	-	-	-	-	-	1	-	-	-	-	-	55
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	55
Total(felt)	0	0	0	0	0	0	1	0	0	0	0	0	54
O	7	3	9	6	4	4	3	1	4	2	8	3	54
Total	7	3	9	6	4	4	4	1	4	2	8	3	55

Kyōto (Vi.Op.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	3	1	-	-	1	1	-	-	1	-	1	9
II	-	-	-	2	-	-	-	-	-	-	-	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	1	3	1	2	0	1	1	0	0	1	0	1	11
O	9	9	*	*	8	10	12	10	14	11	22	3	(108)
Total	10	12	(1)	(2)	8	11	13	10	14	12	22	4	(119)

Maizuru (P.S.)

I	-	-	1	-	-	-	-	-	-	-	-	-	1
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	1	0	0	0	0	0	0	0	0	0	1
O	1	3	2	2	0	2	2	0	2	1	4	0	19
Total	1	3	3	2	0	2	2	0	2	1	4	0	20

Nara (P.S.)

I	-	-	2	-	1	-	1	-	-	1	-	-	5
II	1	-	-	2	1	-	-	-	-	-	-	-	4
III	-	-	-	1	-	-	-	-	-	-	-	-	1
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	1	0	2	3	2	0	1	0	0	1	0	0	10
O	8	6	8	5	4	5	6	4	11	3	12	4	76
Total	9	6	10	8	6	5	7	4	11	4	12	4	86

Osaka (Vi.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	2	-	-	1	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	0	0	2	0	0	1	0	0	0	0	0	0
O	11	22	24	19	19	16	13	17	18	14	27	9	2
Total	11	22	24	21	19	16	14	17	18	14	27	9	2

Shionomisaki (W.S.)

I	1	-	-	1	1	-	-	1	-	-	-	-	-
II	1	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	2	0	0	1	1	0	0	1	0	0	0	0	0
O	6	4	11	8	5	4	7	8	6	3	8	2	7
Total	8	4	11	9	6	4	7	9	6	3	8	2	7

Sumoto (Vi.Op.S.)

I	-	-	-	-	-	-	1	-	1	-	1	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	0	0	0	0	0	1	0	1	0	1	0	0
O	7	(7)	*	*	10	10	7	12	13	8	15	8	(9)
Total	7	(7)	(0)	(0)	10	10	8	12	14	8	16	8	(10)

Toyooka (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	1	1	-	-	-	-	-	2
II	-	-	-	1	-	1	-	-	-	-	-	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	0	1	0	2	1	0	0	0	0	0	4
O	14	8	14	14	10	8	12	14	21	11	22	6	154
Total	14	8	14	15	10	10	13	14	21	11	22	6	158

Wakayama (W.I.S.)

I	3	2	6	5	7	7	2	3	7	5	5	5	57
II	2	-	1	1	1	2	-	1	-	1	-	3	12
III	-	-	-	-	1	-	-	-	-	-	1	-	2
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	5	2	7	6	9	9	2	4	7	6	6	8	71
O	18	12	21	18	18	18	12	10	13	11	25	17	193
Total	23	14	28	24	27	27	14	14	20	17	31	25	264

Hamada (W.S.)

I	-	-	-	-	-	-	-	-	-	-	-	-	0
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	0	0	0	0	0	0	0	0	0	0	0
O	3	4	10	5	3	2	5	7	7	2	7	3	58
Total	3	4	10	5	3	2	5	7	7	2	7	3	58

Hiroshima (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	-	-	-	-	-	-	-	-	-	1	-	-
II	1	-	-	-	-	-	1	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	2	0	0	0	0	0	1	0	0	0	1	0	-
O	5	6	10	3	4	3	7	4	9	5	7	2	-
Total	7	6	10	3	4	3	8	4	9	5	8	2	-

Matsue (PH.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	1	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	1	0	0	0	0	0	0	0	0	0	0	-
O	4	2	4	2	2	2	4	2	(1)	(1)	5	2	-
Total	4	3	4	2	2	2	4	2	(1)	(1)	5	2	-

Okayama (P.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	1	-	-	1	-	-	-	-	-	-
II	-	1	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	1	0	1	0	0	1	0	0	0	0	0	-
O	5	1	4	3	2	2	1	1	6	2	1	2	-
Total	5	2	4	4	2	2	2	1	6	2	1	2	-

Saigō (PH.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	0
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	0	0	0	0	0	0	0	0	0	0	0
O	2	2	3	1	1	2	2	1	3	2	1	0	20
Total	2	2	3	1	1	2	2	1	3	2	1	0	20

Tottori (P.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	1	-	-	-	1	-	-	1	1	1	5
II	-	-	-	-	-	2	-	-	-	-	-	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	1	0	0	2	1	0	0	1	1	1	7
O	3	2	5	4	3	4	3	0	5	2	3	1	35
Total	3	2	6	4	3	6	4	0	5	3	4	2	42

Yonago (P.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	1	-	-	-	-	-	-	-	-	-	-	1
II	-	-	-	-	1	-	-	-	-	-	-	-	1
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	1	0	0	1	0	0	0	0	0	0	0	2
O	2	1	2	3	0	2	4	0	4	2	1	1	22
Total	2	2	2	3	1	2	4	0	4	2	1	1	24

Kōchi (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	0	0	0	0	0	0	0	0	0	0	0	0
O	8	8	12	8	5	6	8	8	7	5	1	6	6
Total	8	8	12	8	5	6	8	8	7	5	1	6	6

Matsuyama (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	1	-	-	1	-	-	-	-	-	-	-	-
II	-	1	-	-	-	-	1	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	1	2	0	0	1	0	1	0	0	0	0	0	0
O	9	3	10	5	5	8	9	4	9	4	10	3	3
Total	10	5	10	5	6	8	10	4	9	4	10	3	3

Murotomisaki (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	1	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	0	0	0	0	0	1	0	0	0	0	0	0	0
O	11	5	10	8	5	4	7	7	12	2	12	4	4
Total	11	5	10	8	5	5	7	7	12	2	12	4	4

Shimizu (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	0
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	0	0	0	0	0	0	0	0	0	0	0	0
O	7	6	11	5	4	7	10	6	5	3	9	1	74
Total	7	6	11	5	4	7	10	6	5	3	9	1	74

Takamatsu (W.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	1	1	-	-	-	-	-	-	-	-	-	2
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	0	1	1	0	0	0	0	0	0	0	0	0	2
O	9	5	12	8	6	4	6	4	10	3	9	4	80
Total	9	6	13	8	6	4	6	4	10	3	9	4	82

Tokushima (P.S.)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	-	1	-	-	-	-	-	2	-	-	-	4
II	-	-	-	-	-	-	-	-	-	-	-	-	0
III	-	-	-	-	-	-	-	-	-	-	-	-	0
IV	-	-	-	-	-	-	-	-	-	-	-	-	0
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	0
Total(felt)	1	0	1	0	0	0	0	0	2	0	0	0	4
O	6	3	9	9	6	5	7	5	10	3	7	6	76
Total	7	3	10	9	6	5	7	5	12	3	7	6	80

Tsurugisan (PH.S.)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		-	-	-	-	-	-	-	-	-	-	-	-
II		-	-	1	-	-	-	-	-	-	-	-	-	-
III		-	-	-	-	-	-	-	-	-	-	-	-	-
IV		-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII		-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)		0	0	1	0	0	0	0	0	0	0	0	0	0
0		4	6	8	1	4	2	4	4	2	3	5	1	
Total		4	6	9	1	4	2	4	4	2	3	5	1	

Uwajima (PH.S.)

I	2	-	-	-	-	1	2	-	-	1	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V~VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	2	0	0	0	0	1	2	0	0	1	0	0	0	0
0	3	3	5	1	0	1	1	3	4	2	2	2	6	
Total	5	3	5	1	0	2	3	3	4	3	2	2	6	

* No observation.

昭和40年(1965)B級地震回数

Number of "B," class earthquakes

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
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Kyōto

-	-	-	-	67	67	39	71	40	53	49	44	430
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Sumoto

-	-	-	-	89	129	104	106	71	62	74	59	694
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Remarks "B," class means number of earthquakes recorded on the electromagnetic seismometer with optical recorder excluding number of "A," class.

"A," class means number of earthquakes whose maximum double amplitude exceed 1 mm on the record of electromagnetic seismometer with visible recorder.