



International
Seismological
Centre

4 JAN 1968

大阪管区
地震月報

昭和41年 $\frac{1}{2}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

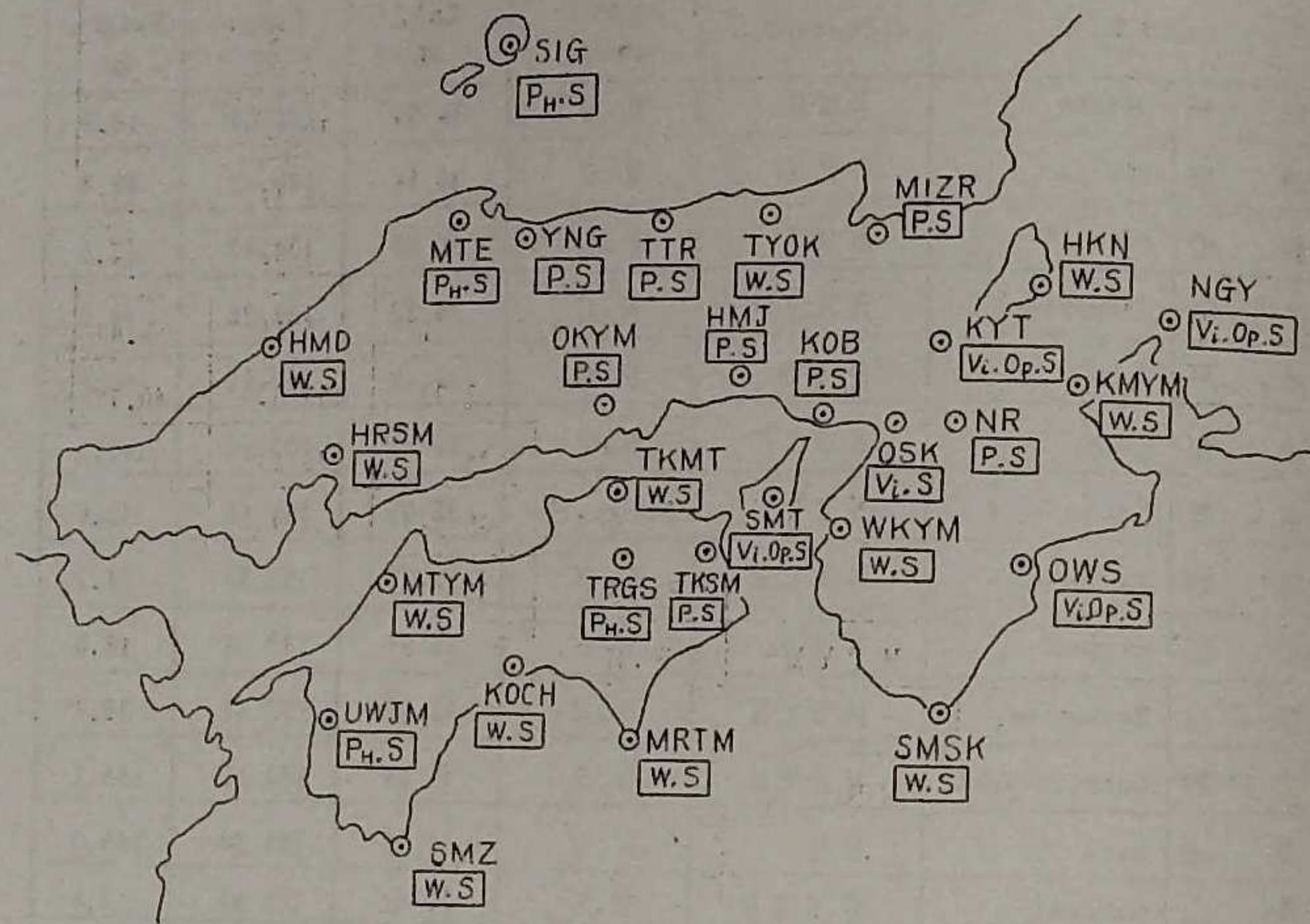
January
February 1966

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	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
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”(1)



Notation

- Op: Electromagnetic seismograph with optical recorder
($T_0 = 1.5, V = 500 \text{ or } 1000$)
- 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
($T_0 = 5 \sim 6, V = 1$)
- Vi: Electromagnetic seismograph with visible recorder
($T_0 = 5, V = 100$)
- W: Wiechert seismograph
($T_0 = 5, V = 80$)

観測所一覽表(2) List of Stations(2)

*..... Weather Station equipped with Seismographs

Index Number	Station Name	Index Number	Station Name
滋賀県 Shiga Pref. (61)		62 007	周山 Shuzan
61 101	* 彦根 Hikone	008	瑞穂 Mizuho
103	木ノ本 Kinomoto	009	綾部 Ayabe
105	竹生島 Chikubushima	010	知井 Chii
106	今津 Imazu	011	河守 Komori
107	大津 Ōtsu	013	宮津 Miyazu
108	多羅尾 Tarao	014	峰山 Mineyama
109	水口 Minakuchi	015	伊根 Ine
110	八幡 Hachiman	020	福知山 Fukuchiyama
111	政所 Mandokoro	021	中上林 Nakakanbayashi
112	中之郷 Nakanogo	022	大河原 Ōgawara
202	吉槻 Yoshitsuki	053	美山 Miyama
203	市場 Ichiba	901	亀岡 Kameoka
204	北小松 Kitakomatsu	902	経ヶ岬 Kyōgasaki
205	堅田 Katada	903	雲ヶ畑 Kumogahata
206	土山 Tsuchiyama		
503	日野 Hino	大阪府 Ōsaka Pref. (63)	
507	信楽 Shigaraki	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 Ōtori
904	伊吹山 Ibukisan	005	池田 Ikeda
		006	東郷 Togo
		007	天王 Tenno
京都府 Kyōto Pref. (62)		008	富田林 Tondabayashi
62 003	* 京都 Kyōto		
012	* 舞鶴 Maizuru		
001	木津 Kizu	兵庫県 Hyōgo Pref. (64)	
002	宇治田原 Ujidawara	64 001	* 神戸 Kobe
004	比叡山 Hieizan	021	* 洲本 Sumoto
006	園部 Sonobe	031	* 豊岡 Toyooka

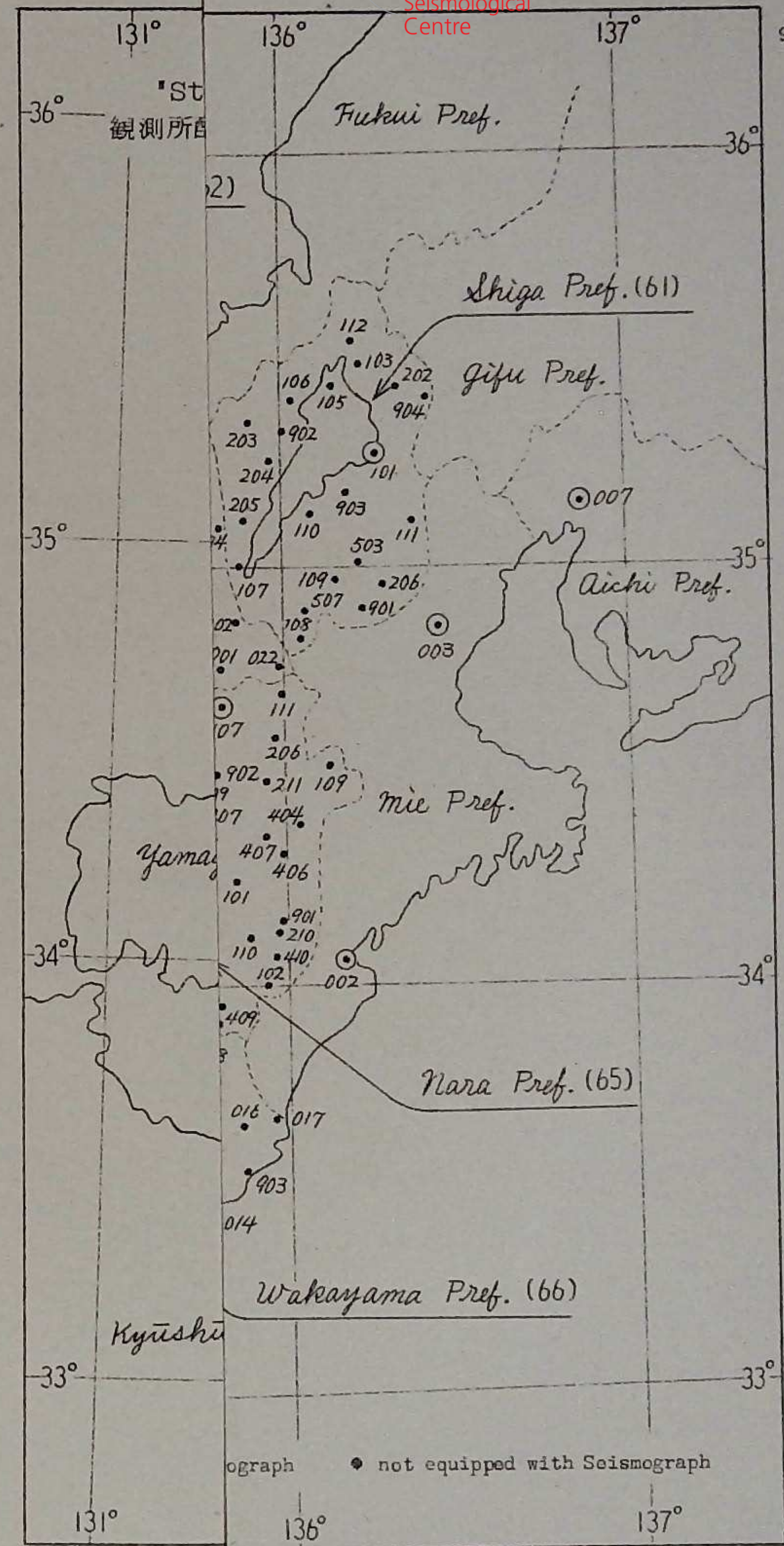
Index Number	Station Name		Index Number	Station Name	
64 035	* 姫 路	Himeji	奈良県 Nara pref. (65)		
002	明 石	Akachi	65 107	* 奈 良	Nara
003	西ノ宮	Nishinomiya	101	洞 川	Dorogawa
004	六 甲 山	Rokkosan	102	寺 垣 内	Teragaito
005	三 木	Miki	105	五 条	Gojyo
006	高 砂	Takasago	109	曾 爾	Soni
007	家 島	Iejima	110	前 鬼	Zenki
008	竜 野	Tatsuno	111	尾 山	Oyama
009	上 郡	Kamigori	202	荒 神 岳	Kojindake
010	山 崎	Yamazaki	205	王 寺	Oji
011	一 の 宮	Ichinomiya	206	南 之 庄	Minaminosho
012	田 原	Tahara	207	大 淀	Oyodo
013	西 脇	Nishiwaki	208	十 津 川	Totsugawa
014	中 町	Nakacho	209	大 和 新 庄	Yamatoshinjo
016	柏 原	Kaibara	210	白 川	Shirakawa
017	篠 山	Sasayama	211	大 宇 陀	Ouda
018	佐 治	Saji	404	高 見	Takami
019	灘	Nada	406	川 上	Kawakami
020	市	Ichi	407	津 風 呂	Tsuburo
022	都 志	Tsushi	408	風 屋	Kazaya
023	志 筑	Shizuki	409	二 津 野	Futatsuno
024	富 島	Tojima	410	池 原	Ikehara
025	岩 屋	Iwaya	901	河 合	Kawai
027	和 田 山	Wadayama	902	八 木	Yagi
028	西 谷	Nishitani			
029	村 岡	Muraoka	和歌山県 Wakayama Pref. (66)		
030	出 石	Izushi	66 001	* 和 歌 山	Wakayama
032	香 住	Kasumi	014	* 潮 岬	Shionomisaki
033	浜 坂	Hamasaka	002	岩 出	Iwade
034	城 崎	Kinosaki	003	高 野 山	Koyasan
036	八 鹿	Yoka	004	東 野 上	Higashinogami
051	末 野	Sueno	005	八 幡	Yhata
080	生 野 南	Ikunominami	007	川 上	Kawakami

Index Number	Station Name		Index Number	Station Name	
66 008	竜 神	Ryūjin	67 025	新 見	Niimi
009	清 川	Kiyokawa	026	矢 神	Yagami
011	栗 栖 川	Kurisugawa	027	千 屋	Chiya
012	日 置	Hiki	028	山 奥	Yamaoku
013	市 鹿 野	Ichikano	030	久 世	Kuse
015	七 川	Shichikawa	031	湯 本	Yumoto
016	色 川	Irokawa	032	上 長 田	Kaminagata
017	新 宮	Shingu	033	奥 津	Okutsu
018	三 里	Msato	034	小 中 原	Konakabara
019	近 野	Chikano	034	行 方	Gyoho
024	白 浜	Shirahama	036	古 町	Furumachi
901	御 坊	Gobo	040	玉 野	Tamano
902	応 其	Ogo	901	味 野	Ajino
903	下 里	Shimosato	902	倉 見 川	Kuramigawa
905	田 辺	Tanabe	903	恩 原	Ombara
906	吉 備	Kibi	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			
010	笠 岡	Kasaoka	広島県 Hiroshima Pref. (68)		
011	北 木 島	Kitakijima	68 001	* 広 島	Hiroshima
012	矢 掛	Yakage	002	草 津	Kusatsu
014	倉 敷	Kurashiki	003	瀬 野	Seno
015	高 梁	Takahashi	004	江 田 島	Etajima
017	豊 野	Toyono	005	倉 橋	Kurahashi
018	福 渡	Fukuwatari	050	廿 日 市	Hatsukaichi
019	周 匝	Susai	051	大 竹	Otake
020	林 野	Hayashino	052	佐 伯	Saeki
021	津 山	Tsuyama	053	吉 和	Yoshiwa
023	併 和	Haga	055	栗 栖 川	Kurisugawa
024	下 谷 部	Shimoazae	100	加 計	Kake

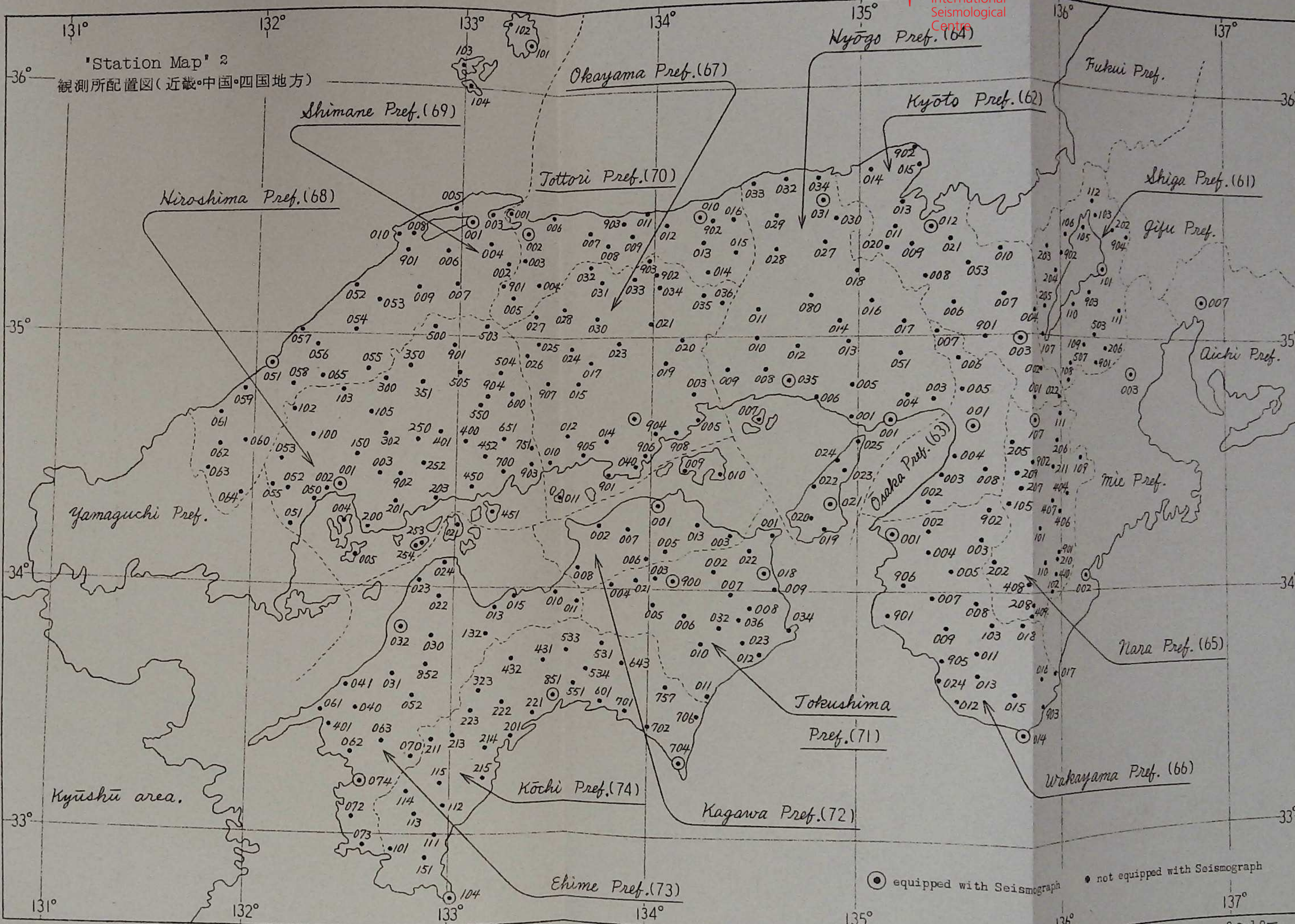
Index Number	Station Name		Index Number	Station Name	
68 102	八 幡	Yawata	島根県 Shimane Pref. (69)		
103	大 朝	Oasa	69 001	* 松 江	Matsuo
105	千 田	Chiyoda	051	* 浜 田	Hamada
150	可 部	Kabe	101	* 西 郷	Saigo
200	呉	Kure	002	赤 屋	Akaya
201	黒 瀬	Kurose	003	八 束	Yatsuka
203	竹 原	Takehara	004	広 瀬	Hirōse
250	豊 栄	Toyosaka	005	恵 曇	Etomo
252	河 内	Kōchi	006	大 東	Daitō
253	豊	Yutaka	007	三 成	Minari
254	久 比	Kubi	008	平 田	Hirata
300	美 土 里	Midori	009	掛 合	Takeya
302	井 原	Ihara	010	大 社	Taisha
350	布 野	Funō	011	窪 田	Kubota
351	三 次	Miyoshi	052	大 田	Ōda
400	甲 山	Kōzan	053	志 学	Shigaku
401	世 羅 西	Seranishi	054	川 本	Kawamoto
450	三 原	Mihara	055	出 羽	Izuwa
451	因 島	Innoshima	056	市 山	Ichiyama
452	御 調	Mitsugi	057	江 津	Gotsu
500	高 野	Takano	058	波 佐	Haza
503	八 鋒	Yahoko	059	三 隅	Misumi
504	帝 釈	Taishaku	060	匹 見	Hikimi
505	庄 原	Shobara	061	益 田	Masuda
550	上 下	Jōge	062	日 原	Nichihara
600	油 木	Yugi	063	津 和 野	Tsuwano
651	府 中	Fuchū	064	六 日 市	Muikaichi
700	松 永	Matsunaga	065	都 川	Tsugawa
751	神 辺	Kannabe	102	五 箇	Goka
901	比 和	Hiwa	103	浦 郷	Urago
902	西 条	Saijō	104	知 夫	Chibu
903	福 山	Fukuyama	901	塩 谷	Enya
904	小 塚	Ozuka			

Index Number	Station Name		Index Number	Station Name	
鳥取県 Tottori Pref. (70)			71 010	木 頭	Kito
70 010	* 鳥 取	Tottori	011	宍 喰	Shishikui
001	境	Sakai	012	日和佐	Hiwasa
002	* 米 子	Yonago	021	芝 生	Shibō
003	法 勝 寺	Hoshōji	022	板 東	Bandō
004	根 雨	Neu	023	日 野 谷	Hinotani
005	日 野 上	Hinokami	032	坂 州	Sakasu
006	名 和	Nawa	034	椿 泊	Tsubakidomari
007	東 伯	Tōhaku	036	福 原 旭	Fukuharaasahi
008	関 金	Sekigane			
009	三 朝	Misasa	香川県 Kagawa Pref. (72)		
011	青 谷	Aoya	72 001	* 高 松	Takamatsu
012	鹿 野	Shikano	002	多 度 津	Tadotsu
013	国 英	Kunifusa	003	引 田	Hikita
014	智 頭	Chizu	005	塩 江	Shionoe
015	若 桜	Wakasa	006	美 合	Miyai
016	大 成	Taisei	007	滝 宮	Takinomiya
901	阿 昆 緑	Abire	008	豊 浜	Toyohama
902	吉 成	Yoshinari	009	土 庄	Tonosho
903	上 井	Agei	010	大 角 鼻	Osumihana
			013	長 尾	Nagao
徳島県 Tokushima Pref. (71)			愛媛県 Ehime Pref. (73)		
71 018	* 徳 島	Tokushima	73 032	* 松 山	Matsuyama
900	* 剣 山	Tsurugisan	074	* 宇 和 島	Uwajima
001	鳴 門	Naruto	010	三 島	Mishima
002	市 場	Ichiba	011	新 立	Shinritsu
003	岩 倉	Iwakura	013	西 条	Saijō
004	池 田	Ikoda	015	新 居 浜	Niihama
005	一 宇	Ichiu	021	瀬 戸 崎	Setozaki
006	川 井	Kawai	022	鈍 川	Nibukawa
007	鬼 竜 野	Orono	023	菊 間	Kikuma
008	横 瀬	Yokose	024	波 止 浜	Hashihama
009	小 松 島	Komatsushima			

Index Number	Station Name		Index Number	Station Name	
73 030	川 上	Kawakami	74 211	樽 原	Yusuhara
031	中 山	Nakayama	213	東 津 野	Higashitsuno
040	大 洲	Ozu	214	大 野 見	Onomi
041	長 浜	Nagahama	215	窪 川	Kubokawa
051	美 川	Mikawa	221	高 岡	Takaoka
052	小 田 町	Odamachi	222	越 知	Ochi
061	伊 方	Ikata	223	長 者	Choja
062	宇 和 町	Uwamachi	333	池 川	Ikegawa
063	野 村	Nomura	431	地 蔵 寺	Jizoji
070	下 鍵 山	Shimokagiyama	433	本 川	Hongawa
071	松 野	Matsuno	534	東 豊 永	Higashitoyonaga
072	岩 松	Iwamatsu	531	本 山	Motoyama
073	御 莊	Misho	531	天 坪	Amatsubo
152	大 保 木	Ofuki	553	大 篠	Oshino
401	八 幡 浜	Yahatahama	601	夜 須	Yasu
852	久 万 入 野	Kumairino	642	榎 山	Makiyama
			701	安 芸	Aki
高知県 Kochi Pref. (74)			702	田 野	Tano
74 851	* 高 知	Kochi	706	野 根	None
104	* 清 水	Shimizu	757	上 魚 梁 瀬	Kamiyanaze
704	* 室 戸 岬	Murotamisaki			
101	宿 毛	Sukumo	愛知県 Aichi Pref. (51)		
111	中 村	Nakamura	51 007	* 名 古 屋	Nagoya
112	富 山	Tomiyama			
113	津 大	Tsudai	三重県 Mie Pref. (53)		
114	江 川 崎	Egawasaki	53 002	* 尾 鷲	Owasi
115	大 正	Taisho	003	* 亀 山	Kameyama
151	三 原	Mihara			
201	須 崎	Suzaki			



ograph ● not equipped with Seismograph



'Station Map' 2
観測所配置図(近畿・中国・四国地方)

● equipped with Seismograph
● not equipped with Seismograph

S. I.	: Scale of Seismic Intensity(JMA)	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

Number of earthquakes

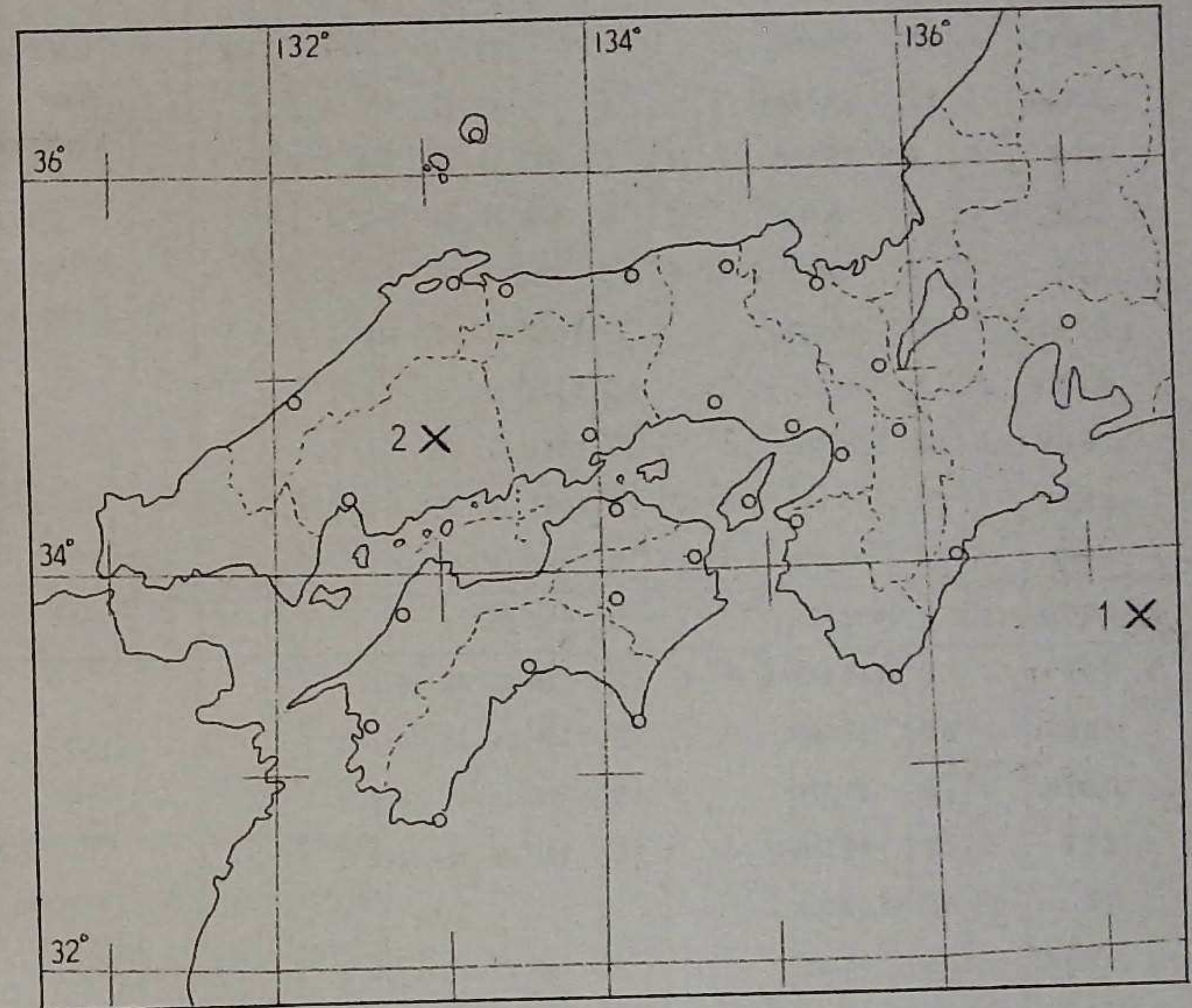
Jan. 1966

Station	S. I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone		30	—	—	—	—	—	—	—	30	
Himeji		5	—	—	—	—	—	—	—	5	
Kobe		5	—	—	—	—	—	—	—	5	
Kyoto		17	—	—	—	—	—	—	—	17	5.4
Maizuru		3	—	—	—	—	—	—	—	3	
Nara		15	—	—	—	—	—	—	—	15	
Osaka		24	—	—	—	—	—	—	—	24	
Shionomisaki		11	—	—	—	—	—	—	—	11	
Sumoto		18	—	—	—	—	—	—	—	18	9.6
Toyooka		19	—	—	—	—	—	—	—	19	
Wakayama		34	6	1	—	—	—	—	—	41	
Chugoku District											
Hamada		5	—	—	—	—	—	—	—	5	
Hiroshima		6	1	—	—	—	—	—	—	7	
Matsue		4	—	—	—	—	—	—	—	4	
Okayama		4	1	—	—	—	—	—	—	5	
Saigo		*	*	*	*	*	*	*	*	*	
Tottori		2	1	—	—	—	—	—	—	3	
Yonago		1	1	—	—	—	—	—	—	2	
Shikoku District											
Kochi		9	—	—	—	—	—	—	—	9	
Matsuyama		8	—	—	—	—	—	—	—	8	
Murotomisaki		7	—	—	—	—	—	—	—	7	
Shimizu		2	—	—	—	—	—	—	—	2	
Takamatsu		12	—	—	—	—	—	—	—	12	
Tokushima		10	—	—	—	—	—	—	—	10	
Tsurugisan		5	—	—	—	—	—	—	—	5	
Uwajima		4	—	—	—	—	—	—	—	4	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and portable seismographs. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

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

Jan. 1966



Jan. 1966

No.	Date	Origin time (J.S.T)	Epicenter			Depth km	Max. S.I.
			Epicenter	Lat. °N	Long. °N		
1	11	23 ^h 16 ^m	東海道はるか沖 Far S. off Honshū	33.7	137.3	10	I
2	15	19 25	広島県東部 E part of Hiroshima Pref.	34.7	133.0	20	II

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			
1	WKYM	0	P	21 37 362		S	09	2	9						
1	WKYM	0	P	23 20 374		S	12	19	24	20					
2	KOCH	0	iP	07 16 353		iS	39	12	21	6	0	0	0		
	TKMT	0	eP	16 471		eS	138	6	6	4	1	1	1		
2	SMSK	0	iP	13 05 481	+3 -4 +6	iS	504	5	19	7	3	3	2		
	WKYM	0	eX	05 560				10	6		2	2		eX	559
	KMYM	0	iP	05 562	+1 +5	S		10	11	7	3	3	2		
	NGY	0	P	05 574	+2	S	582	13	13	3	3	3	1		
	OSK	0	P	05 583	+6	S	588	22	22	11	4	4	3		
	SMT	0	iP	05 590	+2 -2 +5	iS	580	7	9	5	2	2	1		
	HKN	0	eP	06 014		S	1000	17	10	3	1	2	1		
	KOCH	0	iP	06 051		iS	1022	5	4		3	3			
	TYOK	0	eP	06 086		S	1072	13	9		1	1			
	MTYM	0	iP	06 124	+2 -5 +5	iS	1085	5	7	2	4	3	2		
	HMD	0	eP	06 238	+1	S	1189	5	7	3	3	3	3		
2	WKYM	0	P	14 31 372		S	05	10	8						
3	NGY	0	P	03 59 474	+1 +1 -1	iS	226	42	43	16	1	1	1		
	HKN	0	eP	59 558		iS	239	36	28	10	1	1	1		
	KMYM	0	eP	59 576		iS	278	13	11	8	2	2	2		
	KYT	0	eP	59 589		iS	361	8	6	2	2	1	1		
	NR	0	eP	04 00 026											
	TYOK	0	eP	00 089		S	406	17	16		1	1			
	OSK	0	eX	00 139		eS	289	32	30	10	5	4	2		
3	WKYM	0	P	08 56 365		S	05	8	8						
5	UWJM	0	eP	07 42 017		iS	52								
	MTYM	0	eP	42 080		iS	90	4	8	1	1	1	0		
5	WKYM	0	P	10 47 124		S	04	17	20						

松代付近
Near
Matsushiro

31°N
138° $\frac{1}{2}$ E
350 Km
(OMO)

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			
5	NGY	0	eP	14 47 576		eS	260	10	13	4	2	3	2		
	KMYM	0	eP	48 165		eS	434	8	6	4	3	4	3		
8	WKYM	1	P	06 09 278		S	09	13	28						
8	NGY	0	eP	17 01 588	(+) (+)	S	440	24	18	7	2	2	2		
	KMYM	0	eP	02 085		iS	456	15	9	5	4	4	2		
	HKN	0	eP	02 127		eS	490	13	11	5	2	1	2		
8	NGY	0	P	22 35 030	+6 +5 -5	S	218	55	76	25	1	1	1		
	HKN	0	eP	35 095		S	266	66	45	15	1	1	2		松代付近
	KMYM	0	eP	35 138		iS	266	22	19		4	4			Near
	KYT	0	eP	35 140		iS	334	13	10	6	1	1	3		Matsushiro
	NR	0	eP	35 172		eS	390								
	OSK	0	eP	35 197		S	386	43	66	18	4	5	3		
	TYOK	0	eP	35 265		S	402	24	21	4	1	1	2		
	SMT	0	P	35 273	(-) (+)	eS	468	5	4	2	5	4	4		
9	NGY	0	eP	07 40 006	(+) (-)	iS	342	66	100	30	2	3	2		
	HKN	0	P	40 046		S	400	50	68	24	1	1	1		信濃川中
	KMYM	0	eP	40 126		iS	370	28	28	19	3	2	3		流域
	NR	0	eP	40 164		eS	470								S part of
	KYT	0	eP	40 184		eS	452	18	15	6	2	2	1		Niigata
	SMT	0	P	40 239	+1	eS	534	8	6	3	4	3	3		Pref.
	OSK	0	eP	40 256		eS	469	50	76	27	3	5	3		{ 372°N
	TYOK	0	eP	40 271		eS	390	51	40	7	1	1	1		{ 138.7°E
	KOB	0	eP	40 272		eS	504								{ 0 Km
	OWS	0	P	40 278		S	458	5	5	5	3	2	2		(JMA)
	SMSK	0	eP	40 392		eS	579	9	12	5	3	3	2		
	WKYM	0	eP	40 419		eS	472	17	9		1	1			
	TKSM	0	eP	40 472		eS	584								

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)					
							h	m	s	N	E	Z			
	TKMT	0	eP	40.477	+	eS	530	9	7	1	1				
	MRTM	0	eP	40.509		S	1100	6	5	2	3	3	2		
	KOCH	0	eP	41.022		eS	1137	5	4	2	2				
10	WKYM	0	P	19.54.09.5		S	07	16	9						
10	NGY	0	P	21.59.15.3	+2-1+2	iS	243	21	19	8	1	1	1		
	KMYM	0	eP	59.186		S	271	6	7	3	1	1	1		
	HKN	0	P	59.240		S	309	19	16	6	1	1	1		
	TYOK	0	X	22.00.25-				25	9	1	1				
11	OWS	0	iP	23.06.33.2	+8-16(+)	S	138	74	60	58	3	3	3	東海道 はるか沖 Far S. off Honshu { 336°N 1373°E 10 Km (OMO)	
	SMSK	0	iP	06.387	-6+3	eS	159	240	180	54	6	6	4		
	KMYM	0	iP	06.39.5	+19-10+27	iS	176	160	170	140	2	3	4		
	NGY	0	iP	06.41.6	+3-2+6	S	264	160	180	55	3	3	3		
	NR	0	iP	06.42.9	+11	eS	212	200	200	100	2	2	2		
	OSK	0	iP	06.45.2	+9	S	221	280	260	160	5	5	2		
	KYT	0	iP	06.46.4	+9-10+10	iS	228	51	42	25	1	1	9		
	WKYM	0	P	06.46.4		S	220	75	46		1	1			
	HKN	0	iP	06.47.7	+21-13+16	S	238	170	170	77	1	1	4		
	KOB	0	eP	06.48.4		eS	346	100	100	50	3	3	3		
	SMT	0	iP	06.50.0	+2-5+5	eS	299	59	57	33	5	7	8		
	MIZR	0	eP	06.55.1	+4-4+6	eS	277								
	TRGS	0	eP	06.55.6											
	TKSM	0	eP	06.57.6		eS	303								
	HMJ	0	eP	06.58.2		eS	445								
	TKMT	0	eP	06.59.3		eS	36.3	39	49	19	8	8	8		
	TYOK	0	P	06.59.7	(+)(-)(+)			140	77	24	1	1	1	X	
	OKYM	0	eP	07.02-		eS	42-	10	6	6	1	2	2		
	TTR	0	eP	07.08.0		eS	50.4								

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)					
							h	m	s	N	E	Z			
	MRTM	0	eP	07.11.3		S	321	32	44	3	7	8	2		
	KOCH	0	eP	07.19.1		eS	386	35	21		4	3			
	MTE	0	eP	07.28.1		eS	527								
	M TYM	0	eP	07.29.2		eS	495	31	21	19	3	5	4		
	HRSM	0	X	07.29.6		eS	1000	18	17	13	4	7	5		
	HMP	0	eP	07.35.8		S	543	15	23	16	5	9	9		
11	OWS	0	P	23.11.22.3		S	152	36	25	35	2	2	2	東海道 はるか沖 Far S. off Honshu	
	NR	0	iP	11.31.3	+7	eS	214								
	SMSK	0	eP	11.34.3		eS	196	51	42	18	5	4	2		
	KYT	0	eP	11.35.6		iS	213	40	31	13	2	1	1		
	HKN	0	eP	11.37.4		S	322	95	77	29	1	1	1		
	KMYM	0	iP	11.37.8		S	182	60	63		3	3			
	SMT	0	P	11.38.9	+1	S	350	23	14	13	4	4	4		
	M IZR	0	eP	11.44.2		eS	284								
	OSK	0	X	11.44.2				170	160	85	2	2	1		
	TKMT	0	eP	11.47.7				18	19	10	1	1	1		
	HMJ	0	eP	11.47.9		eS	445								
	TYOK	0	eP	11.48.1		eS	456	160	61	23	1	1	2		
	WKYM	0	P	11.49.4		S	243	55	33		1	1			
	TKSM	0	eP	11.51.4		eS	305								
	MRTM	0	eP	12.02.9		eS	304	10	18		4	6			
	KOCH	0	eP	12.10.8		eS	354	20	14		2	2			
11	OWS	0	iP	23.16.46.6	+29-60(-)	S	114	280	220	230	2	3	3	東海道 はるか沖 Far S. off Honshu { 337°N 1373°E 10 Km (OMO)	
	SMSK	0	iP	16.51.4	+6	eS	168	250	500	450	7	6	4		
	KMYM	1	iP	16.53.4	+84-40+68	iS	203	360	600	540	4	3	4		
	NGY	0	iP	16.56.0		iS	264	370	420	170	2	3	3		
	NR	0	iP	16.56.5	+13-22+20	eS	218	600	500	300	2	2	1		

Date	Station	S.I.	Pha.	Time	Initial	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	m	s
	OSK	0	iP	16	59	4	+27	eS	266	300	850	390	5	5	3					
	KYT	0	iP	17	01	0	+30	-29	+15	iS	220	160	110	110	4	2	6			
	HKN	0	iP	17	01	5	+75	-52	+43	S	239	600	260	1	1	5				
	WKYM	0	P	17	01	6	+33	-56	+25	S	221	290	200	160	4	4	4			
	KOB	0	eP	17	02	9		eS	340	350	400	150	4	3	4					
	SMT	0	iP	17	04	2	+2	-23	+18	S	294	210	220	150	5	7	7			
	TKSM	0	eP	17	08	0		iS	299											
	MIZR	0	eP	17	08	0	+6	-6	+8	eS	277									
	TRGS	0	P	17	10	0		S	294											
	T KMT	0	eP	17	12	8	+3	-9	eS	403	120	180	140	2	7	8				
	TYOK	0	iP	17	13	3	+10	-15	+10		360	240	140	1	1	12				
	HMJ	0	eP	17	14	9		eS	523											
	OKYM	0	eP	17	15	6	(+)	-2	+2	eS	405	27	27	25	2	2	2			
	MRTM	0	eP	17	16	6		S	356	210	330	73	6	6	5					
	TTR	0	P	17	19	0	(-)	-1	+2	S	535	150	60	11	5					
	KOCH	0	eP	17	25	7		eS	389	210	68		6	3						
	YNG	0	eP	17	26	3		eS	494											
	M TYM	0	eP	17	28	4		iS	488	130	110	110	4	5	5					
	HRSM	0	X	17	30	6		eS	580	110	83	76	6	5	10					
	MTE	0	P	17	30	8		S	532											
	UWJM	0	eP	17	42	4		eS	487											
	SMZ	0	eP	17	42	8		eS	472	42	39		7	4						
	HMD	0	eP	17	44	7		eS	545	78	110	98	6	7	8					
11	NR	0	eP	23	24	48.4		eS	220											東海道 はるか沖
	KYT	0	eP	24	50	1		iS	211											Far S. off Honshu
	HKN	0	eP	24	52	0		S	325	42			4							
	SMSK	0	eX	24	56	7														

Date	Station	S.I.	Pha.	Time	Initial	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	m	s	N
	KMYM	0	eP	25	01	9		S	195	86	71		4	5							
	WKYM	0	P	25	05	4		S	206	20	17		1	1							
	TKSM	0	eP	25	11	4		eS	309												
	TKMT	0	eP	25	17	8		eS	343	10	11	3	1	1	1						
	OSK	0	X	25	33	5				260	230	60	4	5	3						
	TYOK	0	X	25	-					24	34		1	1							
11	OVS	0	P	23	35	32.8		S	142	11	14	15	2	2	2						
	SMSK	0	eP	35	39	1		eS	149	18	13		3	2							東海道 はるか沖
	NGY	0	eP	35	42	4	+1	+1	eS	226	27	47	14	3	3	2					Far S. off Honshu
	NR	0	eP	35	43	6		eS	212												
	KYT	0	iP	35	47	1	+1	+1	-1	iS	223	17	12	6	1	1	1				
	WKYM	0	P	35	47	6		S	209	20	22		1	1							
	SMT	0	P	35	51	1	(-)	(+)	eS	232	9	6	5	2	2	3					
	TYOK	0	P	35	-					27	33		1	1							
	TKSM	0	X	36	02	2															
	OSK	0	S	36	07	7				50	53	35	2	1	3						
	TKMT	0	eP	36	08	5		eS	389	8	10	3	1	1	1						
12	NR	0	eP	00	00	45.6		eS	218												
	KMYM	0	P	00	46	8		S	175	18	11	12	1	1	2						東海道 はるか沖
	NGY	0	eP	00	50	0	+1	+1	eS	226	14	24	10	2	3	3					Far S. off Honshu
	KYT	0	eP	00	50	4		iS	210	7	7	4	1	1	1						
	WKYM	0	eP	00	56	4		eS	238	10	9		1	1							
	OSK	0	X	01	10	0				23	21	17	2	1	2						
	TYOK	0	eP	01	20	9				20	11		1	1						X	330
12	TKMT	0	eP	01	21	19.4		eS	52	9	8	5	0	1	1						
12	WKYM	2	P	01	43	13.3		S	09	97	200	46	1	1	1						
12	KMYM	0	eP	03	51	42.9		S	188	12	9	10	1	1	1						

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				
	NR	0	eP	51 47.5		eS	214									
	NGY	0	eP	51 50.0		eS	236	9 12 4	2 3 2							
	HKN	0	eP	51 51.6		eS	335	19 16 4	1 1 1							
	OSK	0	eP	51 57.0				18 20 9	2 2 2							
	WKYM	0	eP	52 02.1		eS	212	10 9	1 1							
	TYOK	0	eP	52 13.6				24 14	1 1	X	39.1					
12	HKN	0	eP	04 04 55.6		eS	329	6 6 1	1 1 1							
12	KMYM	0	P	06 11 58.6		S	188	12 8 9	1 1 1							
	NR	0	eP	12 02.8		eS	210									
	SMSK	0	eP	12 03.4				7 6 2	2 1 1							
	OSK	0	eP	12 05.7		eS	206	10 19 20	2 3 2							
	KYT	0	eP	12 06.6		iS	222	9 6 3	1 1 1							
	NGY	0	eP	12 06.8		eS	224	8 11 5	3 3 1							
	HKN	0	eP	12 07.8		eS	328	20 16 5	1 1 1							
	WKYM	0	eP	12 11.8		eS	210	10 11	1 1							
12	WKYM	0	eX	06 34 11.8				5 4								
12	OVS	0	P	06 49 28.0		S	108	11 6 6	1 2 2							
	KMYM	0	eP	49 32.9		S	18.1	22 17 14	1 1 2							
	NGY	0	P	49 35.4		S	22.4	16 38 11	2 2 2							
	SMSK	0	eP	49 36.4		eS	14.7	8 6 5	4 4 2							
	NR	0	eP	49 36.9		eS	21.0									
	KYT	0	eP	49 39.9		iS	22.7	14 9 5	1 1 1							
	OSK	0	eP	49 40.0		iS	21.8	27 37 21	2 1 1							
	HKN	0	eP	49 43.3		eS	32.3	39 36 11	1 1 1							
	SMT	0	P	49 44.5	(-) (+)	eS	23.7	5 4 3	3 3 3							
	TKSM	0	eX	49 56.3												
	TKMT	0	eP	50 01.3		eS	45.7	7 6 2	1 1 1							

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				
	WKYM	0	eP	50 09.0		eS	219	20 13	1 1							
	TYOK	0	eP	50 11.6		eS	164	30 21 7	1 1 1							
2	KMYM	0	eP	14 34 26.3		eS	159	8 4 5	1 1 1							
	HKN	0	eP	34 30.7		eS	333	11 10 3	1 1 1							
	KYT	0	eP	34 32.8		iS	218	5 4 2	1 1 1							
	NGY	0	eP	34 33.0		eS	254	5 6 3	1 1 1							
	OSK	0	X	35 03.2				13 10 6	2 2 2							
12	NGY	0	eP	19 15 52.2	(+)	eS	206	5 8 3	3 3 1							
	HKN	0	eP	16 05.2		eS	290	13 13 3	1 1 2							
	OSK	0	X	16 29.8				12 11 5	2 2 2							
12	NGY	0	eP	19 23 06.0		eS	516	15 11 7	1 1 1							
	HKN	0	eP	23 08.1		eS	1032	8 9 3	1 2 2							
	KMYM	0	eP	23 18.8		eS	49.4	8 8 4	2 3 2							
	OSK	0	eX	24 44.4				18 21 10	3 4 2							
12	NGY	0	eP	22 19 19.4		S	7.0	8 8 5	0 0 0							
13	WKYM	0	P	11 58 23.3		S	4.8	20 16								
13	WKYM	0	P	17 52 58.5		S	5.5	28 18								
13	NGY	0	eP	22 43 06.6		eS	44.4	7 6 3	1 2 1							
15	NGY	0	eP	01 21 47.2	+1 +1 +1	eS	21.8	10 9 5	1 1 1							
	HKN	0	eP	22 01.9		eS	17.2	11 10 5	1 1 2							
15	HRSM	1	iP	19 25 03.1	+3 +9 -7	iS	7.7	15 17 13	0 0 0							
	OKYM	1	iP	25 03.8	(+) -14 -6	iS	9.8	34 44 12	0 0 0							
	YNG	1	iP	25 07.1	(+) (+) (+)	iS	11.4									
	MTYM	0	iP	25 07.5	-2 -1 +3	iS	11.3	26 27 12	1 1 1							
	MTE	0	P	25 07.7		iS	11.2									
	HMD	0	eP	25 08.0		S	11.1	8 6 4	0 0 0							
	TKMT	0	eP	25 08.3		eS	10.5	32 30 24	1 1 1							

広島県
東部
E part of
Hiroshima
Pref.
{ 347°N
1330°E
20 Km
(OMO)

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha. m s	
							p-Pha.			Pha.					
							Amp. (μ)	Period(sec)		Amp. (μ)	Period(sec)				
h m s	N	E	Z	m s	N	E	Z	N	E	Z					
	KOCH	0	iP	25 123	-1 +1 (+)	iS	147	8	5	5	0	0	0		
	TTR	1	eP	25 158		iS	152								
	HMJ	0	eP	25 166		eS	175								
	TKSM	0	eP	25 174		iS	170								
	SMT	0	P	25 196	(+) +1 +1	S	183	9	4	3	0	1	1		
	MRTM	0	P	25 223		iS	222	5	7		1	1			
	TYOK	0	P	25 243		S	217	20	48		1	1			
	HKN	0	eP	25 442		eS	314	6	7	2	1	1	1		
	TRGS	0	eP	26 110											
16	UWJM	0	iS	02 38 224											
16	HKN	0	eP	14 21 133		eS	340	6	5	2	1	1	1		
17	WKYM	0	P	00 14 115		S	06	5	2						
17	WKYM	0	P	01 52 597		S	18	21	14						
	SMT	0	P	53 008		S	34	7	3	1	0	0	0		
17	WKYM	0	P	02 37 286		S	20	21	15						
	SMT	0	P	37 337	(-) (+)	iS	43	6	2	1	0	0	0		
17	NGY	0	eP	06 47 369		eS	225	5	7	2	2	2	1		
	HKN	0	eP	47 402		eS	151	9	9	3	1	1	1		
17	NGY	0	eP	08 43 015	(+) (+)	eS	475	19	20	6	2	2	2		
	HKN	0	eP	43 037		eS	514	9	8	3	1	2	2		
	KMYM	0	eP	43 161		iS	499	5	6	3	2	2	2		
	OSK	0	eX	44 190				11	11	7	2	2	2		
17	WKYM	0	P	22 58 129		S	05	15	28						
18	MTYM	0	eP	10 14 323		eS	563	7	7	7	4	3	3		
	HRSM	0	X	14 437				3	6	4	2	3	2		
	SMT	0	P	14 480	(-) (-) (-)	eS	1298	7	3	2	4	4	3		
	KOCH	0	eP	15 217		eS	1002	6	6		3	3			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Pha.					
							Amp. (μ)	Period(sec)		Amp. (μ)	Period(sec)				
h m s	N	E	Z	N	E	Z	N	E	Z						
	OSK	0	eX	17 230				30	32	11	4	4	3		
18	WKYM	0	P	23 38 514		S	09	4							
20	WKYM	1	P	04 40 128		S	12	50	48	30					
	SMT	0	P	40 197	+1	iS	38	5	2	1	0	0	0		
20	WKYM	0	P	05 22 651		S	16	10	11						
20	NGY	0	eP	10 45 398		S	374	45	50	16	2	2	1		
	KMYM	0	iP	45 47.1	-3 -1 +2	iS	408	29	24	14	3	4	3		佐渡沖
	NR	0	eP	45 493		eS	484								Near
	HKN	0	eP	45 495		eS	391	25	30	16	3	2	5		Sado Is.
	KYT	0	eP	45 500		eS	452	13	10	9	2	2	3		{ 379°N
	WKYM	0	eP	45 510		eS	588	12	11	9	1	1	3		{ 1382°E
	TYOK	0	eP	45 54		eS	46	37	34	9	1	1	1		{ 20 Km
	OWS	0	eP	46 090		S	540	5	8	8	3	4	4		(JMA)
	SMT	0	eP	46 157	(-)	eS	528	10	9	6	9	3	6		
	MRTM	0	eP	46 373		S	148	5	6		2	6			
	HRSM	0	eP	46 377		eS	1108	4	5	4	5	5	5		
	SMSK	0	eP	46 388		eS	578	9	7		4	2			
	OSK	0	X	46 466				64	79	38	4	4	2		
	TRGS	0	eP	48 144											
21	SMZ	0	eP	00 21 320		eS	158	17	13		2	3			
	UWJM	0	eP	21 364										eX	158日向灘
	MTYM	0	eP	21 530		iS	277	20	24	11	1	1	1		Off E.
	HRSM	0	eP	21 574		S	340	8	15	9	2	2	2		coast of
	HMD	0	eP	21 593		S	456	26	14	10	2	3	3		Miyazaki
	TKSM	0	eP	22 121		eS	486								Pref
	TKMT	0	eP	22 143		eS	318	12	14	5	1	1	1		
	SMT	0	eP	22 184	(-)	eS	364	5	4	3	2	2	2		

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
								Amp. (μ)			Period(sec)					
								N	E	Z	N	E	Z			
	TRGS	0	eP	22 38.1												
	WKYM	0	eP	22 40.5		eS	565	7	6	1	1					
	TYOK	0	eP	23 01.0				48	26	1	1		X	37.8		
	MTE	0	eX	23 04.6												
	HKN	0	eP	23 20.0		eS	325	8	6	1	1					
	OSK	0	eX	23 36.4				23	15	11	3	3	3			
21	WKYM	0	P	04 48 07.3		S	05	13	13							
23	WKYM	0	P	17 32 25.0		S	08	51	30	20						
23	NGY	0	iP	20 16 28.4	-6 -5 +7	iS	220	130	110	58	1	1	1			
	HKN	0	eP	16 33.8		S	26.7	160	120	46	1	1	1			
	KMYM	0	iP	16 38.0	-5	iS	28.9	61	42	25	2	2	2			
	KYT	0	eP	16 39.7		iS	34.9	37	28	12	1	2	1			
	NR	0	eP	16 41.6		eS	36.0									
	OVS	0	P	16 45.3		S	36.7	14	12	10	2	2	2			
	TYOK	0	P	16 50.8		(-) iS	40.4	73	57	25	1	1	0			
	OSK	0	eP	16 51.8		S	39.4	70	87	41	3	3	3			
	SMT	0	iP	16 52.9	-0 -0 +0	eS	46.0	8	10	4	4	2	4	iX	3	
	KOB	0	eP	16 55.5		eS	38.6									
	TKSM	0	eP	16 59.0		eS	49.2									
	HMJ	0	eP	16 59.8		eS	42.9									
	WKYM	0	P	17 00.0		S	45.9	30	28		1	1				
	OKYM	0	eP	17 07.9		S	52.8	9	12	4	1	1	1			
	TKMT	0	eP	17 13.2		eS	52.4	12	9	4	6	6	2			
	KOCH	0	eP	17 29.3		eS	100.8	7	6		3	3				
	MRTM	0	eP	17 29.6		S	104.2	6	7	3	2	2	1			
	HRSM	0	eP	17 32.3		S	108.5	4	3	4	2	2	2			
	MTYM	0	eP	17 32.5		eS	108.3	6	5	2	6	5	2			

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
								Amp. (μ)			Period(sec)					
								N	E	Z	N	E	Z			
24	WKYM	1	P	04 34 06.2		S	06	27	28							
24	WKYM	1	P	04 37 52.2		S	05	15	28							
24	NGY	0	eP	08 10 07.2		eS	364	28	35	7	2	2	1			房総半島沖
	KMYM	0	iP	10 11.9	+2	S	510	15	11	8	2	2	2			Off E coast of Chiba Pref.
	HKN	0	eP	10 20.7		eS	49.3	25	18	9	2	1	2			{ 357°N 1408°E 20 Km (JMA)
	KYT	0	eP	10 25.0		eS	54.0	7	6	3	3	2	5			
	TYOK	0	eP	10 43.1				18	17		1	1				
	OSK	0	eP	10 47.1		S	56.7	34	54	17	3	3	2			
24	HKN	0	eP	12 04 48.0		iS	30	13	13	7	0	0	0			
24	OVS	1	P	17 55 15.2		S	50	35	35							
	NR	0	eP	55 19.8		iS	8.3									三重県南部
	KMYM	0	iP	55 21.4	-5	iS	8.9	36	23	18	0	0	1			S part of Mie Pref.
	OSK	0	P	55 23.2		iS	8.0	49	58	31	1	1	1			{ 342°N 1362°E 40 Km (OMO)
	SMSK	0	eP	55 23.3		eS	10.2	28	29	12	0	0	0			
	WKYM	0	P	55 23.6		S	11.3	50	28							
	KYT	0	eP	55 24.3		iS	11.8	25	19	10	0	0	1			
	KOB	0	eP	55 25.7		iS	12.8									
	HKN	0	eP	55 27.1		eS	13.6	25	25	5	1	1	1			
	SMT	0	P	55 27.5	-1 +1	iS	14.0	11	10	2	0	1	1			
	NGY	0	P	55 29.2	+1	iS	14.8	23	18	11	1	1	1			
	TYOK	0	eP	55 29.3		eS	19.0	17	18		1	1				
	OKYM	0	eP	55 44-		iS	18-	5	14	2	0	0	0			
25	WKYM	1	P	00 16 13.8		S	09	130	87	120	1	1	1			和歌山付近
	SMT	0	P	16 18.4	-1 +1 -1	S	3.7	11	8	2	0	0	0			Near Wakayama
	OSK	0	eP	16 31.0				18	17	9	3	3	2	X	253	
25	WKYM	0	P	12 07 44.9		S	11	20	41							
27	NGY	0	eP	21 40 45.2		eS	28.8	7	6	2	1	1	1			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Period(sec)					
							Amp. (μ)	Period(sec)		Amp. (μ)		Period(sec)			
m s	N	E	Z	N	E	Z	N	E	Z						
28	WKYM	1	P	08 24 189		S	11	57	74	27					
29	KYT	0	eP	15 18 350		eS	15	5	11	2	0	0	0		
30	HKN	0	eP	23 01 051		iS	22	17	25	14	0	0	0		
30	HKN	0	eP	23 13 108		eS	149	7	5	1	1	1	1		
31	WKYM	0	P	16 49 128		S	06	57	28						

Station not equipped with Seismograph

昭和41年1月

Jan. 1966

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Earthquake	
					Sound	
2	Chiyoda	千代田	Hiroshima	I	16 ^h 22 ^m	—
	Syōbara	庄原	"	I	24	—
6	Kiyokawa	清川	Wakayama	II	09 45	—
11	Shingū	新宮	"	I	23 40	—
14	Miki	三木	Hyōgo	II	18 50	—
15	Yakage	矢掛	Okayama	II	19 25	heard
	Toyosaka	豊栄	Hiroshima	II	20	—
	Mihara	三原	"	II	20	—
	Syōbara	庄原	"	II	24	—
	Zyōge	上下	"	II	25	—
	Matsunaga	松永	"	II	25	—
	Kure	呉	"	II	25	—
	Innoshima	因島	"	I	25	—
	Takahashi	高梁	Okayama	I	25	—
	Niimi	新見	"	I	25	—
	Sakai	境	Tottori	I	25	—
Kabe	可部	Hiroshima	I	30	—	
21	Kibi	吉備	Wakayama	I	04 48	—
23	Aburahi	油日	Shiga	I	20 16	—

Feb. 1966

Station	S. I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VI		
Kinki District											
Hikone		12	-	-	-	-	-	-	-	12	
Himeji		0	-	-	-	-	-	-	-	0	
Kōbe		3	-	-	-	-	-	-	-	3	
Kyōto		9	-	-	-	-	-	-	-	9	52
Maizuru		0	-	-	-	-	-	-	-	0	
Nara		5	-	-	-	-	-	-	-	5	
Ōsaka		16	-	-	-	-	-	-	-	16	
Shionomisaki		4	-	-	-	-	-	-	-	4	
Sumoto		13	-	-	-	-	-	-	-	13	95
Toyooka		14	-	-	-	-	-	-	-	14	
Wakayama		13	10	2	-	-	-	-	-	25	
Chūgoku District											
Hamada		7	1	-	-	-	-	-	-	8	
Hiroshima		9	-	-	-	-	-	-	-	9	
Matsue		4	-	-	-	-	-	-	-	4	
Okayama		0	-	-	-	-	-	-	-	0	
Saigō		1	-	-	-	-	-	-	-	1	
Tottori		1	-	-	-	-	-	-	-	1	
Yonago		2	-	-	-	-	-	-	-	2	
Shikoku District											
Kōchi		13	-	-	-	-	-	-	-	13	
Matsuyama		6	-	-	-	-	-	-	-	6	
Murotomisaki		5	-	-	-	-	-	-	-	5	
Shimizu		5	-	-	-	-	-	-	-	5	
Takamatsu		5	-	-	-	-	-	-	-	5	
Tokushima		6	-	-	-	-	-	-	-	6	
Tsurugisan		2	-	-	-	-	-	-	-	2	
Uwajima		3	-	-	-	-	-	-	-	3	

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)		Max. Amplitude						Pha. p~Pha.	Remarks		
				h m s			N E Z		Amp. (μ)			Period (sec)						
									N E Z		N E Z							
1	NGY	0	eP	20	52	048	eS	336	7	6	2	1	1	1				
	HkH	0	eP		52	109	S	355	12	11	6	2	1	2				
3	kOCH	0	iP	06	21	162	iS	16	24	14	8	0	0	0				
3	OSk	0	eX	14	55	169			9	10	5	3	4	2				
4	kOCH	0	iP	02	56	004	iS	16	14	11		0	0					
4	TYOK	0	eP	19	49	025			11	6		1	1					
5	wkYM	1	P	05	51	377	S	05	8	34								
6	HMD	0	eX	00	18	095	eS	4	383	14	20	11	13		eL	7	417	ギリシャ Greece
	MTYM	0	eP		18	097	eS	4	525	20	16	15	13	10	10			
	HRSM	0	eX		18	12-			17	10	7	14	11	9	eX	4	36-	
	TkMT	0	eP		18	288	eS	4	376	9	7	12	8					
	kYT	0	eP		18	350	eS	5	090									
	kMYM	0	eP		18	-			21	9	5	8	6	9				
	SMZ	0	eX		23	085			7	7		9	10		eX	3	178	
	SMT	0	eP		23	321	eS	3	390	17	7	6	7	9	10			
	TYOK	0	S		23	386			17	9	6	14	12	17	S~ eL	2	553	
	OWS	0	eX		23	470			9	5	8	14	9	8				
	OSk	0	eX		23	549			32		4				X~ eL	4	211	
	MRTM	0	eX		27	070			27	12		11	9					
	SMSk	0	eX		27	179			19	9	2	14	11	1				
	HkH	0	eL		28	085			13	6		11	12					
6	HMD	(1)	P	17	53	255	+2+1	S	69	11	40	0	0				島根県中部 Central part of Shimane Pref.	
	HRSM	0	P		53	370		iS	119	7	13	7	0	0	0			
	MTE	0	eP		53	432		iS	43									
	YNG	0	iS		53	535												
7	NGY	0	iP	04	05	460	+1+1-5	iS	220	85	100	40	1	1	1		松代付近 Near Matsu- shiro	
	HkN	0	P		05	530		iS	249	91	69	21	1	1	1			
	kMYM	0	iP		05	550	+3	iS	288	31	29	18	4	2	1			
	kYT	0	iP		05	570		iS	332									
	NR	0	eP		05	594		eS	372									
	OWS	0	P		06	027		S	413	10	6	6	2	2	1			
	OSk	0	eP		06	091		S	396	58	68	17	5	5	1			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)		Max. Amplitude						Pha. p~Pha.	Remarks				
				h m s			N E Z		Amp. (μ)			Period (sec)								
									N E Z		N E Z									
9	TYOK	0	P	06	097			eS	398	43	36	7	1	1	1		日本海中部 Central part of Japan Sea 37°1/4 N 135°1/4 E 350 km (OMO)			
	kOB	0	eX		06	143		eS	423											
	TkSM	0	eP		06	151		eS	508											
	wkYM	0	E		06	206		S	293	20	16		1	1						
	SMSk	0	eP		06	225		eS	486	10	8	5	2	2	2					
	SMT	0	eP		06	228		S	418	7	6	3	7	3	4					
	TkMT	0	eP		06	310		eS	517	9	7		5	5						
	kOCH	0	eP		06	463		eS	1	032	6	5		5	3					
	7	kOCH	0	eP	13	35	393				6	4	25	16		eX		7	365	
	7	wkYM	1	P	18	07	145		S	20	73	50	28							
	8	kOCH	0	eP	08	16	009				4	3	15	15		eX		7	443	
	9	TkSM	0	eP	12	44	494		iS	70										
		MRTM	0	eP		44	504		iS	96	2	6		0	0					
	9	TYOK	0	iP	23	45	162	-5 -1 +9	eS	396	18	16	9	1	1	1			日本海中部 Central part of Japan Sea 37°1/4 N 135°1/4 E 350 km (OMO)	
kYT		0	iP		45	194	-2 +1 +4	eS	360	5	12	2	2	2	1					
HkN		0	eP		45	199		iS	408	16	22	5	1	3	1					
NGY		0	eP		45	210	(-)	S	446	6	11	2	2	3	1					
OSk		0	P		45	218	+7	iS	454	14	22	8	3	3	1					
kMYM		0	eP		45	222		iS	447	12	9	4	3	4	2					
HRSM		0	P		45	302	-1 -2 +4	S	510	4	3	4	3	3	2					
MTYM	0	iP		45	334	(-)(-) +1	iS	537	9	4	2	3	2	2						
10	OWS	0	P	14	30	360				5	5	5	12	10	10	eX	2	120		
	NGY	0	eP		30	400				8	7		2	3						
	OSk	0	eX		30	541				14	14	6	2	3	2	X~ X	1	360		
10	SMSk	0	eP	23	24	493				14	8	8	3	3	2	eX	3	004	マリアナ諸島 Marianas Is. 208° N 1463° E 43 km (USCGS)	
	OWS	0	P		24	530				6	5	6	8	7	5	eX	3	070		
	kMYM	0	iP		24	596	-3 +4 -2			20	23	13	5	7	4	X	3	081		
	MRTM	0	iS		25	006				19	8	19	3	3	3					
	NGY	0	P		25	008	-4 +4 -4	S	3	176	32	32	23	2	2	1				
	NR	0	eP		25	023														
	OSk	0	eP		25	048					68	50	22	4	4	3	eX	3		113
	wkYM	0	P		25	050					10	14		1	1	eX	2	414		

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)						
							m	s	ms	N	E	Z				N
	SMT	0	iP	25 052	-3 +5 -4	eS	3 089	10	11	13	3	3	3	eX	262	
	kYT	0	iP	25 054	-3 +3 -2	eS	3 114	8	9	6	6	6	3			
	kOCH	0	eP	25 074		eS	3 183	11	10		4	3				
	TkSM	0	eP	25 074												
	HkN	0	eP	25 075		eS	3 116	39	25	19	4	2	3			
	SMZ	0	eS	25 079				7	7	14	5	3	3	S~ eL	3 186	
	kOB	0	eP	25 098												
	TkMT	0	iP	25 110	-4 +6 -4	eS	3 139	19	22	22	3	3	3			
	TYOk	0	P	25 168	(-)(+)(-)			27	20	6	1	1	1	X	3 244	
	MTYM	0	eP	25 207		iS	3 225	6	17	11	4	5	5			
	HRSM	0	iP	25 213	-3 +6 -6	iS	3 290	19	25	27	6	5	3			
	HMD	0	P	25 305	-4 +5	S	3 300	42	56		6	4				
	YNG	0	S	25 308												
	MTE	0	P	25 321		S	3 302									
	SIG	0	P	25 341												
11	WkYM	1	P	00 24 445		S	10	83	160	50						
11	NGY	0	eP	01 18 120	+0 +0 +2	eS	228	27	22	10	2	2	1			
	HkN	0	P	18 203		S	257	28	19	8	1	1	2			
	kMYM	0	eP	18 216		iS	285	13	6	6	1	2	2			
	kYT	0	eP	18 238		eS	310	6	4	3	1	1	1			
	NR	0	eP	18 328												
	OSk	0	X	19 182				17	21	10	4	4	2			
11	WkYM	1	P	07 02 489		S	08	27	58	40						
12	NGY	0	eP	04 06 276	-0 +0 +0	S	224	16	14	7	2	1	1			
	HkN	0	eP	06 348		iS	268	15	18	8	1	1	1			
	TYOk	0	X	07 307				11	9		1	1				
12	NGY	0	eP	09 06 090		eS	198	5	6	2	1	1	1			
12	WkYM	0	P	23 27 268		S	07	5	10							
13	DWJM	0	eP	16 19 569		eS	40									
13	HRSM	0	eP	19 50 064				3	5	5	11	11	12	eX	4 50	
	HMD	0	P	50 181	+2	S	4 476	5	6		9	8				
	SMT	0	P	50 356	(-)	S	5 141	5	5	5	6	11	11	eX	9 475	

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)							
							m	s	ms	N	E	Z				N	E
	OSk	0	eX	56 047				15	19	5	5	5	4	X~ X	4 295		
14	HRSM	0	iP	10 45 110	+1 +1 +1	iS		21	5	7	5	0	0				
14	HMD	0	eP	19 15 203		S		43	7	5	0	0					
14	WkYM	0	P	21 10 097		S		07	39	28	14						
15	WkYM	0	P	07 29 503		S		07	12	14							
15	WkYM	1	P	11 13 186		S		10	17	32	12						
15	WkYM	0	P	18 34 525		S		65	27	30	1	1				和歌山県 中部	
	SMT	0	P	34 541	(-)	iS		89	19	5	2	0	1	1	eX	08	Central part of Wakayama Pref.
	TkSM	0	eP	34 543		iS		100									(338°N 1354°E 20km (OMO)
	OWS	0	P	34 555		S		101	14	11	4						
	NR	0	S	35 088													
	TYOk	0	iP	35 277	-8				11	6	1	1					
16	OSk	0	eP	12 28 358		eS		8	153	32	18	11	4	5	3		
	SMT	0	iP	28 365	(+)(-)	S		8	148	5	4	5	4	4	5	eX	9 542
16	kOCH	0	eX	20 01 463				5	6		11	11					
17	kOCH	0	eP	09 29 321		eS		1	214	4	3	2	2				
17	SMT	0	P	21 00 335	(+)(+)			2	3	5	3	3	3	eX	2 639		
	TYOk	0	X	00 368				13	9	4	1	1	3				
	OSk	0	eX	00 406				13	16	9	3	3	3				
17	WkYM	0	P	23 06 032		S		07	20	12							
17	WkYM	2	P	23 28 491		S		10	230	10	65	1	1	1			
	SMT	0	P	28 532	-2 +2 -2	iS		34	24	19	4	0	0	0			
17	WkYM	1	P	23 30 468		S		05	20	14							
18	WkYM	1	P	02 41 382		S		07	20	110	40	1	1	1			
	SMT	0	P	41 430	-1 +1 -1	S		37	5	4	1	1	0	0			
18	NGY	0	eP	09 28 456		eS		404	65	45	31	1	1	1			鹿島灘 Off E coast of Ibaraki Pref.
	HkN	0	eP	28 516		eS		485	43	41	14	1	1	1			(36.4°N 140.8°E 40 km (JMA)
	kMYM	0	eP	28 544		eS		424	18	14	10	3	3	2			
	kYT	0	eP	28 566		eS		510	10	10	4	1	2	1			
	NR	0	eP	28 578		eS		548									
	TYOk	0	X	28 -					37	39	4	1	1	2			
	TkSM	0	eP	29 094													



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									Remarks
							Amp. (μ)			Period (sec)			Pha. p~Pha. m s			
							N	E	Z	N	E	Z	m	s		
	SMT	0	P	29 10 2	(+) eS	1 126	4 5 3	3 2 2		eX	132					
	kOB	0	eX	29 14 6												
	OSk	0	eP	29 19 4	eS	512	58 30 18	2 1 3								
	WkYM	0	eP	29 33 3	eS	438	17 10	1 1								
18	WkYM	1	P	10 38 2 10	S	10	30 30									
18	WkYM	0	P	12 10 4 16	S	04	17 14									
18	WkYM	0	P	23 22 2 12	S	07	10 12									
19	WkYM	1	P	15 59 1 52	S	05	72 78 30	1 1 1								
19	TTR	0	P	16 35 3 19	S	20										
19	WkYM	2	P	16 40 0 82	S	09	30 170 70	1 1 1								
19	WkYM	1	P	16 54 1 09	S	09	23 28 20									
19	NGY	0	iP	23 19 5 22	+2 iS	240	14 24 6	1 1 1								
	kMYM	0	eP	19 56 3	+3 iS	272	11 4 4	2 2 2								
	HkN	0	P	19 57 9	iS	270	28 15	1 2								
	kYT	0	eP	20 02 0	eS	316	9 6 2	2 1 1								
	OSk	0	P	20 05 0	+1 S	343	15 11 4	3 3 2								
	TYOK	0	P	20 10 6	(-)(+) X		9 10	1 1			363					
20	WkYM	0	P	03 49 5 53	S	11	15 18									
22	HMD	1	eP	07 14 5 81	S	11	5 7	0 0								
22	SMZ	0	eP	11 39 4 27	eS	378	7 7	2 2								
	HRSM	0	eX	39 43 6			4 6 6	2 3 2		iX	545		鹿児島県 西方沖 Off W coast of Kagoshi- ma Pref { 316°N 1296°E 20km (OMO)			
	HMD	0	eP	39 45 9	eS	495	10 12	6 4								
	MTYM	0	eP	39 47 1	eS	443	9 11 7	5 5 5								
	KOCH	0	eP	39 53 8	eS	495	9 9	4 4								
	TkMT	0	eP	39 55 2	eS	1 059	7 10 2	6 1 1								
	TkSM	0	eP	40 00 9												
	SMT	0	eP	40 02 4	eS	1 270	5 6 6	6 5 5								
	MTE	0	eP	40 19 8	eS	1 019										
	MRTM	0	eX	41 00 8												
	OSk	0	X	41 15 1			4 6	2 3								
	TYOK	0	eS	41 45 4			23 6 9	4 4 3		X	1 106					
22	SMT	0	eP	14 10 32 0	eS	7 475	8 4 6	6 7 4		eL	13 02-					

Date	Station	I. S.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha. p~Pha. m s	Max. Amplitude									Remarks
							Amp. (μ)			Period (sec)			Pha. p~Pha. m s			
							N	E	Z	N	E	Z	m	s		
	kOCH	0	eP	10 33 2	eS	6 366	4 5	22 24								
	OSk	0	eX	10 41 7			31 23 7	5 5 3								
	TYOK	0	eP	10 42 2			10	1		X	8 27-					
24	UWJM	0	eP	08 10 28 0	iS	153							日向灘 Off E coast of Miya- zaki Pref { 323°N 1317°E 40km (JMA)			
	SMZ	0	eP	10 30 8	eS	142	16	1								
	MTYM	0	eP	10 36 0	eS	178	9 9 3	1 1 2								
	KOCH	0	iP	10 39 9	iS	210	10 12 5	0 0 0								
26	HRSM	0	iP	13 49 3 96	-1 -1 -2 iS	94	6 6 3	0 0 0								
28	TYOK	0	P	11 04 0 65	(+) S	1 415	12 11 5	2 4 3								
	NGY	0	P	04 16 8	+4 -2 S	1 372	17 18 10	3 3 2								
	HkN	0	P	04 19 5	S	1 374	16 13 4	4 3 3					北海道 西方沖 Off W coast of Hokkaido { 43.5°N 140.3°E 260Km (JMA)			
	kYT	0	iP	04 23 0	-8 -6 +4 eS	1 400	14 10 6	2 3 2								
	kMYM	0	eP	04 24 3	S	1 389	14 13	4 4								
	WkYM	0	eX	04 35 4			5 8	2 2		eX	1 310					
	SMSk	0	eP	04 41 0	eS	1 533	8 7	3 2								
	KOCH	0	eP	04 50 6	eS	1 591	3 4	2 4								
	OSk	0	eX	06 11 6			47 36 12	3 3 2								
28	NGY	0	eP	15 54 2 16	-1 eS	224	11 12 5	2 2 1								
	HkN	0	eP	54 27 9	S	272	11 12 5	1 1 1								
28	SMZ	0	eP	22 36 5 39	eS	380	9 9	3 3					南西諸島 北東沖 Kasei Is. { 288°N 1304°E 80km (JMA)			
	UWJM	0	eP	36 57 4	eS	542										
	MTYM	0	eP	36 59 7	eS	1 083	13 17 11	4 3 3								
	HRSM	0	X	37 03 8	eS	1 137	7 10 8	2 3 3								
	KOCH	0	eP	37 08 6	eS	1 031	10 11	2 3								
	TkMT	0	eP	37 10 0	eS	1 189	8 3 3	3 1								
	HMD	0	eP	37 10 7	eS	1 141	9 12	5 3								
	TYOK	0	eP	37 12 2			30 12	1 2								
	SMT	0	P	37 15 0	(-)(-)(-) iS	1 532	14 6 4	3 3 3								
	WkYM	0	eX	37 16 5			8 6	2 2		eX	1 164					
	TRGS	0	eP	37 25 6	eS	1 322										
	kYT	0	eP	37 27 2			5 3 2	3 3 2		eX	2 106					
	OSk	0	eX	37 29 8			54 50 22	3 3 3		eX	1 599					

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
								Amp. (μ)			Period(sec)					
								N	E	Z	N	E	Z			
	MRTM	0	eP	37 337		eS	1 014	6	4		2	2				
	HkN	0	eP	37 350		eS	1 397	7	8	3	3	3	3			
	NGY	0	eP	37 390	(+)(+)(+)			10	10	2	3	2				
	MTE	0	eP	37 402		S	1 273									
	kMYM	0	P	37 466		S	2 041	8	6	4	4	2	3			

Station not equipped with Seismograph

Feb. 1966

昭和41年2月

Date	Station	Prefecture	S. I.	Time (J. S. T.)	Earthquake Sound
7	Higashinogami 東野上	Waka yama	I	18 ^h 08 ^m	heard
9	SaKasu 坂州	TOku shima	II	12 44	heard
14	Kiyokawa 清川	Waka yama	I	19 03	—
15	Kiyokawa 清川	"	I	07 23	—
15	IchiKano 市鹿野	"	I	18 35	—
	Kiyokawa 清川	"	I	37	—
17	Kawamoto 川本	Shima ne	I	17 55	—
21	Shirahama 白浜	Waka yama	I	05 26	heard
24	Kibi 吉備	"	I	05 50	—
24	Kiyokawa 清川	"	I	11 30	—
24	Kiyokawa 清川	"	II	21 10	—



4 JAN 1968

大阪管区
地震月報

昭和41年 $\frac{3}{4}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

March
April 1966

大阪管区气象台

The Osaka

District Meteorological Observatory

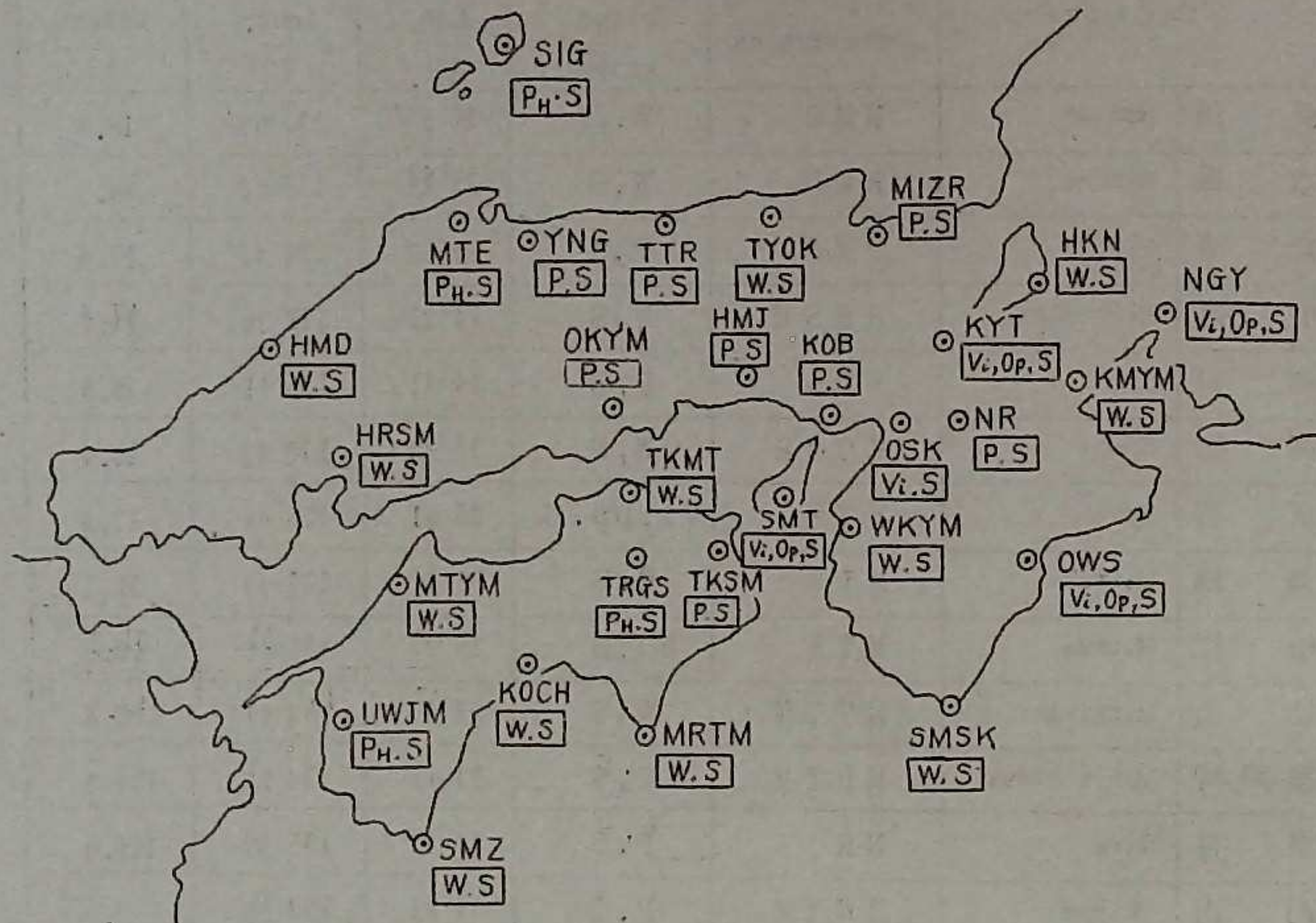
Japan

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	HRS M	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
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 ($T_0 \doteq 2$, $V \doteq 60$)

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's seismograph ($T_0 \doteq 5$, $V=80$)

Number of earthquakes

March 1966

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

Kinki District

Hikone	2 2	1	—	—	—	—	—	—	—	2 3	
Himeji	3	—	—	—	—	—	—	—	—	3	
kōbe	1 1	1	—	—	—	—	—	—	—	1 2	
Kyōto	1 2	1	4	1	—	—	—	—	—	1 8	4 9
Maizuru	5	2	1	—	—	—	—	—	—	8	
Nara	1 0	1	1	—	—	—	—	—	—	1 2	
Ōsaka	1 8	1	—	—	—	—	—	—	—	1 9	
Shionomisaki	8	—	—	—	—	—	—	—	—	8	
Sumoto	1 1	1	—	—	—	—	—	—	—	1 2	7 9
Toyooka	2 2	—	—	—	—	—	—	—	—	2 2	
Wakayama	1 3	2	—	—	—	—	—	—	—	1 5	

Chūgoku District

Hamada	8	—	—	—	—	—	—	—	—	8	
Hiroshima	1 1	—	—	—	—	—	—	—	—	1 1	
Matsue	7	—	—	—	—	—	—	—	—	7	
Okayama	8	1	—	—	—	—	—	—	—	9	
Saigō	5	—	—	—	—	—	—	—	—	5	
Tottori	4	—	—	—	—	—	—	—	—	4	
Yonago	4	—	—	—	—	—	—	—	—	4	

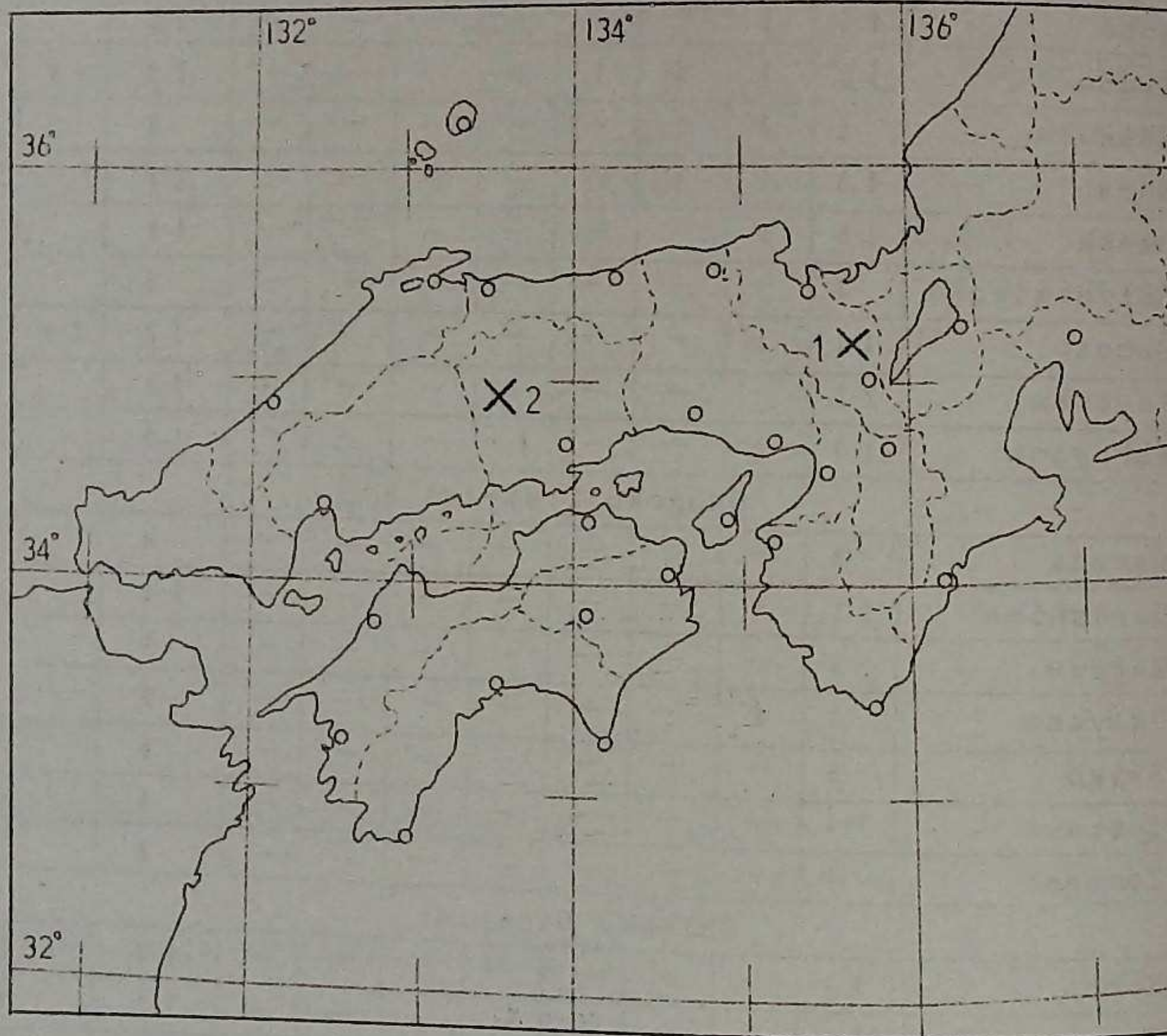
Shikoku District

Kōchi	1 4	—	—	—	—	—	—	—	—	1 4	
Matsuyama	1 1	—	—	—	—	—	—	—	—	1 1	
Murotomisaki	7	—	—	—	—	—	—	—	—	7	
Shimizu	7	—	—	—	—	—	—	—	—	7	
Takamatsu	8	1	—	—	—	—	—	—	—	9	
Tokushima	9	—	—	—	—	—	—	—	—	9	
Tsurugisan	7	—	—	—	—	—	—	—	—	7	
Uwajima	4	1	—	—	—	—	—	—	—	5	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and portable seismographs. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

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

March 1966



March 1966

No.	Date	Origin time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat. °N	Long. °N		Depth Km
1	10	12h48m	京都府中部 Central part of Kyoto Pref.	35.2	135.7	10	III
2	12	01 27	岡山県西部 W part of Okayama Pref.	34.8	133.5	10	III

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Max. Amplitude			Pha.	p~Pha. m s	Remarks				
				h	m	s	N	E	Z	Amplitude (μ)						Period (sec)			
										N	E	Z				N	E	Z	
1	WKYM	0	P	22	59	57.1				S	05	9	13						
3	OSK	0	X	12	29	55.6						15	13	5	4	4	2		
4	NGY	1	eP	21	52	29.0				S	56	11	4	7	0	0	0		
	HKN	0	eP		52	34.9				iS	80	7	6	3	1	1	1		
5	TKMT	1	eP	04	17	15.9				iS	35	17	28	14	1	1	1		
	OKYM	0	iP		17	20.9	+4			iS	56	7	17	2	0	0	0		
	KOCH	0	iP		17	28.5				iS	87	3	4		0	0			
	TRGS	0	P		17	32.6				S	33								
	TYOK	0	P		17	58.4	(-)	(+)	(-)			7			1				
6	KOCH	0	eP	11	24	04.8					6	361	7	5	22	22			
	SMT	0	P		24	13.6			(+)		6	437	3	5	7	4	4	4	eL 13 05
	OSK	0	X		24	19.4						13	21	13	3	3	4		
	OVS	0	P		24	20.7						2	3	5	2	2	3		
6	WKYM	0	P	12	08	02.0				S	07	21	15						
6	NGY	0	eP	16	16	18.9	(+)	(+)		eS	599	16	15	7	2	2	2		
	KMYM	0	eP		16	27.7				eS	389	6	4	4	1	1	2		
	HKN	0	eP		16	28.2				eS	373	16	10		1	1			
	TYOK	0	X		16	~						17	11		1	1			
	OSK	0	X		17	33						17	13	8	3	3	3		
6	KOCH	0	iP	18	56	49.1				iS	62	5	5		0	0			
6	WKYM	0	P	21	50	10.3				S	05	6							
7	WKYM	0	P	05	44	33.3				S	05	9	9						
7	WKYM	1	P	07	20	38.5				S	10	37	37						
7	WKYM	0	P	07	20	57.2				S	05	9	13						
7	KYT	2	iP	08	58	04.5	+4	-2	(-)	iS	25	71	100	23	0	0	0		
	MIZR	2	iP		58	05.5	-2	+2	-2	iS	40	140	96	26	0	0	0		
	NR	1	eP		58	10.1				iS	74								

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					
	OSK	0	eP	58:102		S	72	15	14	7	1	0	1	Central part of kyōto Pref. { 352°N 1356°E 10Km (OM)			
	KOB	0	eP	58:106		eS	82										
	TYOK	0	eP	58:119		eS	90	6	5		1	1					
	HKN	0	eP	58:122		iS	62	29	16	8	1	1	1				
	OKYM	0	eP	58:246	(-)	S	185	10	18	4	0	0	0				
	TKMT	0	eP	58:258		eS	197	6	8	8	1	0	1				
8	HMD	0	P	06:32:36.3	+2-5	eS	3	045	68	31		11	18	iX	6.450	Mongolia { 372°N 1148°E 33Km (USGS)	
	HRSM	0	iP	32:405	-1+2(+)	eS	3	385	68	51	43	18	12	12			
	SIG	0	P	32:455	(+)(-)									X	4.056		
	MTE	0	eP	32:471										eX	4.272		
	UWJM	0	eP	32:483		eS	3	057									
	MTYM	0	eP	32:486				70	55	83	19	15	14	eX	3.450		
	OKYM	0	eP	32:57-		eS	3	23-	5	6	9	16	11	11			
	TKMT	0	eP	33:031		eX	2	358	120	63	30	19	12	12	L		3.028
	KOCH	0	eP	33:038		eX	4	129	110	75		13	13				
	TYOK	0	P	33:043		+4eS	3	116	30	40	36	12	17	13	eL		4.505
	KOB	0	eX	33:04-		e		100	50			17	17				
	MRTM	0	eP	33:101		eX	4	019	110	84	38	17	11	13			
	SMT	0	iP	33:115	(+)-1-1	eS	3	185	58	39	48	18	12	11	iL		4.15-
	WKYM	0	eP	33:130		eS	3	164	52	33	38	12	12	12			
	KYT	0	iP	33:159	(-)(+)(+)	iS	3	080	45	27	27	16	17	17			
	NR	0	eP	33:176										eL	5.565		
	OSK	0	X	33:186		X	5	263	140	140	46	5	5	3	X	9.00-	
	HKN	0	eP	33:188		eS	3	235	38	39	45	12	13	12			
	KMYM	0	P	33:219	(-)-3	eS	3	215	70	54	40	15	14	14			
	NGY	0	eP	33:270	(+)(+)	eX	5	360	34	38	13	12	14	12			
	SMSK	0	eP	33:283		eS	3	188	92	48	9	17	12	12	eL	4.216	

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			
	TRGS	0	P	34:014		X	4	557							
	TKSM	0	eP	34:070		eS	3	450							
	SMZ	0	eX	36:080				48	33		6	5			
	OVS	0	X	38:224		X	5	101	36	30	33	18	12	11	
8	NGY	0	iP	19:29:27.0	-2-1+2	iS	222	31	27	11	0	0	1		
	HKN	0	eP	29:360		S	247	37	29	10	1	1	2		
	KMYM	0	eP	29:362		eS	281	14	9	8	2	2	1		
	KYT	0	eP	29:392		iS	368		7	4		1	1		
	NR	0	eP	29:442											
	TKOK	0	eP	29:504		eS	410	13	12	4	1	1	1		
	OSK	0	eP	29:562		eS	374	20	25	8	4	4	3		
8	KYT	0	eP	19:52:02.1		iS	49		7	5		0	0		
	NR	0	eP	52:045		iS	77								
	TYOK	0	iP	52:192	+2+3			9	10			1	1		
9	KOCH	0	iP	11:20:48.6		iS	22	20	35	18	0	0	0		
10	NGY	0	iP	07:04:16.0	-1-1+2	S	228	23	34	10	1	1	1		松代付近
	HKN	0	P	04:225		S	271	28	30	9	1	1	1		Near
	KMYM	0	eP	04:244		eS	298	9	14	8	3	4	3		Matsu-
	KYT	0	eP	04:278		eS	354	5	6	3	1	1	5		shiro
	OSK	0	eP	04:419		eS	383	19	34	8	4	4	2		
	TYOK	0	eP	04:420		eS	376	11	13			1	1		
10	NGY	0	P	11:16:10.8	(-)(+)(-)	S	228	6	6	3	1	1	1		
10	KYT	3	iP	12:48:45.8	-3 +4	iS	22	280	170	120	0	0	0		
	MIZR	1	iP	48:500	+2-2+4	iS	59	93	98	73	0	0	0		京都府
	HKN	1	P	48:503		iS	60	140	270	51	1	1	1		中部
	NR	2	eP	48:513		iS	72	200	300	100	0	0	0		
	KMYM	1	iP	48:545	+3 -8	iS	90	110	94	76	1	1	1		

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				
	OSK	1	P	48546		iS	57	24							Central part of Kyoto Pref. { 352°N 1357°E 10Km (OMO)	
	KOB	1	P	48552		iS	89	50	50							
	TYOK	0	iP	48575		iS	115	10	110	52	1	1	1			
	HMJ	0	iP	48598	+ 8+20-14	iS	116									
	NGY	1	iP	49006	+ 4+11-14	iS	130	68	87	32	0	0	0			
	SMT	1	P	49013	5-10-6	iS	146	19	21	7	0	0	1	iX		05
	OVS	1	P	49020	(+)(+)(-)	S	160	41	23	25	-	-	1			
	WKYM	0	P	49028		eS	130	38	30	10	1	1	1			
	TTR	0	eP	49052		S	182									
	TKSM	0	eP	49079		eS	177									
	TKMT	0	eP	49090		eS	231	28	19	17	1	1	1			
	OKYM	0	eP	49092		eS	209	41	38	9	1	0	0	iX		08
	SMSK	0	eP	49197		eS	252	9	6	9	1	1	2			
	YNG	0	eP	49283		S	244									
	MTE	0	eP	49235		S	272									
	KOCH	0	eP	49255		eS	306									
	MRTM	0	eP	49284		S	273	5	4		1	1				
	MTYM	0	eP	49316		eS	368	8	8	3	1	1	1			
	TRGS	0	X	50082												
1 0	SMSK	0	iP	13 27173	+14-14+33	iS	438	42	170	44	4	4	2		東海道 はるか沖 S off Honshū	
	OVS	0	iP	27185	+ 5- 3	iS	595	20	73	21	3	5	4			
	KMYM	0	iP	27241	+11- 5+27	iS	483	38	150	33	4	5	3			
	NGY	0	iP	27252	+ 7(-) +12	iS	504	51	190	16	2	3	3			
	WKYM	0	iP	27256	+29-22+20	iS	427	43	76	32	2	3	2			
	SMT	0	iP	27257	+ 6-10+20	iS	505	44	34	25	4	6	3			
	OSK	0	iP	27261	+18	iS	487	100			4			iX		13 248
	MRTM	0	iP	27262	+ 4-14+33	S	515	12	24	35	4	3	3			

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			
	KOB	0	eP	27 262		eS	524								318°N 1380°E 350Km (JMA)
	NR	0	eP	27 262											
	KYT	0	iP	27 268	+11- 7+16	iS	512	25	42	21	2	3	3		
	HKN	0	P	27 281		S	504	76	110	26	3	4	3		
	TKSM	0	iP	27 284		iS	500								
	KOCH	0	iP	27 289	+ 8-23	iS	531	23	28		3	2			
	TKMT	0	iP	27 311	-28+31	iS	547	28	33		2	3			
	SMZ	0	eP	27 340		eS	570	13	20		3	3			
	OKYM	0	iP	27 343	+10-16+15	eS	564	14	16	12	1	1	1		
	TYOK	0	iP	27 349	+15-11+17	iS	570	46	38	21	1	3	3		
	MTYM	0	iP	27 390	+ 5-18+23	iS	1 015	29	48	16	5	4	4		
	HRSM	0	iP	27 428	+ 2-10+15	iS	1 047	20	60	19	5	4	3		
	MTE	0	eP	27 455		S	1 056								
	SIG	0	P	27 472	+ 8- 8	S	1 083								
	HMD	0	P	27 473	+ 4- 8	S	1 335	67	81		5	4			
	TRGS	0	X	28 295											
1 1	KYT	0	eP	19 17 411		iS	07	5	11		0	0			
1 1	KYT	2	eP	21 55 464		iS	16	37	66	65	0	0	0		京都府 中部 Central part of Kyoto Pref. { 351°N 1357°E 10Km (OMO)
	NR	0	eP	55 517		iS	55								
	MIZR	1	iP	55 538		iS	58	36	24	12	0	0	0		
	HKN	0	P	55 547		iS	57	15	22	5	1	1	1		
	KOB	0	eX	56 027		eS	08								
1 2	OKYM	1	iP	01 28 016	+ 2- 7- 2	iS	68	66	65	10	0	0	0		岡山県 西部 W part of
	TKMT	0	eP	28 080		iS	103	27	18	9	2	1	1		
	TTR	0	eP	28 090		S	114								
	HRSM	0	eP	28 099		iS	121	5	7	4	0	0	0		
	MTYM	0	eP	28 132		iS	155	5	8	3	1	1	1		

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Max. Amplitude			Pha.	p~Pha.	Remarks					
				h	m	s	N	E	Z	m	s	Amp. (μ)				Period(sec.)				
												N				E	Z	N	E	Z
	TYOK	0	P	28	168		(+)	(-)	S	175	29	16	7	1	1	1	Okayama Pref. 348°N 133.5°E 10Km (OMO)			
	TKSM	0	eP	28	227				eS	112										
	KOB	0	eX	28	386															
1 3	SMZ	0	eP	01	34	221			eS	2	313	220	190	13	13		台湾 東方沖 E off Formosa 225°N 1240°E (JMA)			
	UWJM	0	eP	34	243				eS	2	178	350	300	150	11	11		10		
	HRSM	0	P	34	317				S	2	450	40	600	200	13	12		20		
	HMD	0	P	34	330		+6	+6	S	2	435	20	380		24	16				
	MTYM	0	iP	34	339		-2	-4	-3	iS	2	405	450	290	390	19		25	21	
	KOCH	0	eP	34	341				iS	2	534	400	500	250	11	11		12		
	OKYM	0	eP	34	38				eS	3	02									
	TKMT	0	eP	34	410				eS	2	580		240			24				
	MRTM	0	eP	34	412				eS	2	500	360	390	180	29	29		23		
	SMSK	0	eP	34	432				S	3	109	100	500	100	21	22		22		
	TKSM	0	eP	34	443				eS	2	430									
	YNG	0	eP	34	478				eS	2	464									
	MTE	0	P	34	487				S	2	550									
	SMT	0	eP	34	495				eS	2	563	230	160	190	16	20		19		
	OWS	0	P	34	514				S	3	109	140	73	170	12	12		24		
	TRGS	0	eP	34	524				S	3	412									
	SIG	0	P	34	581		+8	+5	S	3	34	500	200		7	4				
	OSK	0	eP	34	582			+3	S	3	88	330	330	240	5	6		8		
	WKYM	0	eP	34	590				eS	2	530	300	240		21	29				
	HMJ	0	eP	34	597				eS	3	157									
	KYT	0	eP	35	014		+2	+3	+3	iS	4	172	130	99	130	20	12	18		
	KOB	0	eP	35	029				eS	3	269	350	350	250	18	32	20			
	TTR	0	eP	35	030				eS	3	000	500	550	400	28	28	20			
	NR	0	eP	35	030							400	200	300	23	22	20			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Max. Amplitude			Pha.	p~Pha.	Remarks					
				h	m	s	M	E	Z	m	s	Amp. (μ)				Period(sec.)				
												N				E	Z	N	E	Z
	KMYM	0	P	35	056		-1	-1	eS	2	522	250	220		20	24				
	TYOK	0	eP	35	071				eS	2	573	310	380	280	23	23	21			
	MIZR	0	eP	35	102				eS	3	044									
	NGY	0	eP	35	123		(-)	(-)	S	3	197	150	140	100	12	10	22			
	HKN	0	eP	35	159				S	3	056	250	270		20	29				
1 4	NGY	0	eP	15	39	052			S	4	00	18	20	9	1	1	1			
	KMYM	0	eP	39	147				iS	4	483	9	7	5	3	2	3			
	TYOK	0	eP	39	246				eS	1	042	11	9		1	1				
	HKN	0	eS	40	008							18	16	7	1	1	2			
	OSK	0	eX	40	311							19	11	5	4	3	2			
1 6	MTYM	0	eP	18	23	547			iS	6	1	9	8	3	0	0	0			
1 6	HKN	0	S	21	20	220						5	9		1	1				
1 8	OSK	0	X	01	00	460						23	15	12	4	2	2			
	HKN	0	eS	00	478							9	7	8	1	1	2			
	SMT	0	iP	00	482		-1	(+)	-1	S	8	253	5	4	8	6	6	3		
	TYOK	0	i	00	537							6	6		1	1				
1 8	KYT	1	iP	09	24	126	+4	-2	-9	iS	16	50	60	14	0	0	0			
	OSK	0	eP	24	169				S	50	6	8	3	0	0	0				
	NR	0	eP	24	170				iS	54										
	HKN	0	P	24	220				iS	75	11	8		1	1					
	TYOK	0	eP	24	232				iS	126	10	9		1	1					
	KMYM	0	iP	24	233			-2	iS	93	8	4	4	0	-	-				
	KOB	0	eS	28	264															
1 8	KYT	2	iP	12	18	410	+5	-2	-12	iS	24	110	150	31	0	0	0			
	OSK	0	eP	18	443				iS	64	10	12	6	1	0	0				
	NR	0	eP	18	462				iS	55										
	MIZR	0	eP	18	478				iS	63										

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				
	KOB	0	eX	18487		eS									Kyōto Pref. 351°N 1357°E 15Km (OMO)	
	HKN	0	iP	18502	-5 -3 -8	iS	78	24	18	8	1	1	1			
	KMYM	0	eP	18521		eS	100	11	7	8	0	1				
	TYOK	0	eP	18535		iS	113	22	17		1	1				
19	TRGS	0	eP	2041580		eS						30				
19	TKSM	0	iP	2107007		iS						31				
20	KOCH	0	eL	1142020				8	4		18	20				
21	WKYM	0	P	1821018		S						70		10		1
22	HMD	0	eP	1714522		eS						3	027			
	MTE	0	eP	14584											eX	4 475
	HRSM	0	iP	15011	+1 -3 -3										X	2 332
	UWJM	0	eP	1502												
	MTYM	0	eP	15082		eS	2 517	27	24	28	6	4	3			
	KOCH	0	eP	15174		eS	2 522	59	25		13	12				
	TKMT	0	eP	15186		eS	3 114	22	27		16	13				
	SMT	0	eP	15210		eS	3 186	29	26	11	16	12	5			
	TYOK	0	eP	15220		eS	3 070	18	24	9	12	14	11			
	SMZ	0	eP	15239											eX	4 229
	TKSM	0	eP	15244		eS	3 004									
	KYT	0	eP	15304		eS	3 332	16	9	10	17	5	9			
	SMSK	0	eP	15341		eS	3 065	27	14	6	6	12	5			
	KMYM	0	P	15361		S	3 274	31	16		21	10				
	NR	0	eP	15364												
	HKN	0	eP	15378		eS	3 085									
	OWS	0	P	15400		S	3 280									
	NGY	0	P	15464												
	MRTM	0	eP	15	+6			10	12	5	3	3	-			
								44	12	13	13	14	11			

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			
	TKMT	0	iP	20 403	-3+2-1	eS	2 248	5	7	2	3	3	2		
	TYOK	0	iP	20 485	+12-10+9			11	7	6	4	4	3		
	HRSM	0	eP	20 514	-2+2-3	eS	2 45-	4	3	4	4	3	3		
29	HMD	0	eP	15 15 196		eS	4 309	6	3		5	6			
	HRSM	0	eX	15 26-				5	3	2	5	12	5	eX	3 59-
	SMT	0	P	15 547	(-)			6	4	3	5	4	4	eX	4 451
30	NGY	0	eP	14 35 522	-2-2+2	eS	246	9	9	4	1	1	1		松代付近
	HKN	0	eP	30 005		S	260	15	13	4	1	1	2		Near Mtsu- shiro.
	TYOK	0	eP	36 379		S	183	8	14		1	1			
30	KYT	2	eP	17 03 595		iS	18	49	120	15	0	0	0		京都府 南部
	HKN	0	S	04 025				8	7	3	1	1	1		S part of Kyoto Pref.
	NR	0	eP	04 031		iS	35								
	MIZR	0	iP	04 053		iS	78								
	NGY	0	eP	04 198	+1	S	258	10	7	3	2	1	1		

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	p~Pha. m s	Max. Amplitude						Pha.	p~Pha. m s	Remarks
								Amp. (μ)			Period(sec.)					
								N	E	Z	N	E	Z			
	MRTM	0	eP	23 -				330	270	120	13	11	12			
	MTYM	0	eP	24 39.4		eS	2 535	220	130	160	6	11	12			
	NGY	0	P	24 50.4	(+)			80	99	77	12	11	12			
	WKYM	0	X	26 20.4												
	KOB	0	eX	27 21-				300	150	50	15	12	11			
	OWS	0	X	- -				68	56	73	16	11	10			
2 3	MTYM	0	eP	09 07 45.3		eS	2 360	7	13	6	7	11	8			
	HMD	0	P	07 50.1	-1 -1	eS	2 353	15	16		5	6				
	HRSM	0	iP	07 51.0	-3 -3 -3	iS	2 335	12	22	5	9	8	7			石垣島
	SMT	0	P	08 01.8	(-) (-)	eS	2 540	12	7	8	8	7	6			南西沖
	KOCH	0	eP	08 02.3		eS	2 402	11	9		5	6				E off
	KYT	0	eP	08 17.0		eS	3 000	5	5	4	7	5	6			Formosa
	OSK	0	eP	08 17.7		eS	2 590	67	48	14	5	4	4			(238°N
	TYOK	0	eP	08 18.5		eS	2 518	11	7	5	7	8	7			1228°E
	KMYM	0	P	08 24.7		-1 S	3 025	13	12	6	5	4	3			51Km
	HKN	0	eP	08 27.6		eS	3 229	7	9		3	3				(USCGS)
	NGY	0	eP	08 30.0				8	16	2	3	3				
	MRTM	0	eP	08 31.9		eS	2 382	11	11		6	9				
2 3	HKN	0	S	10 09 04.3				14	17	5	1	1	1			
2 4	MTE	0	iP	14 08 34.3		iS	35									境付近
	YNG	(1)	eP	08 38.7		iS	43									NE part of Shimane Pref.
2 5	WKYM	0	P	09 26 10.3		S	26	15	24							
2 6	UWJM	1	eP	04 28 12.2		iS	63									愛媛県
	MTYM	0	iP	28 14.0	+2 +3 +4	iS	67	44	51	18	1	1	0			西部
	HRSM	0	P	28 17.8	-2 -2	iS	113	6	11	7	0	0	0			W part of Shikoku
	SMZ	0	eP	28 18.7				9	10		1	1		eX	45	
	KOCH	0	iP	28 19.4		iS	113	5	7		1	1				

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	p~Pha. m s	Max. Amplitude						Pha.	p~Pha. m s	Remarks
								Amp. (μ)			Period(sec.)					
								N	E	Z	N	E	Z			
	OKYM	0	eP	28 32-		S	21-	16	17		1	1				335°N
	TYOK	0	X	29 06.4				9	9		1	1				1325°E
																45Km
																(OMO)
2 7	KOCH	0	eP	00 21 26.0		eS	4 310	16	11		11	11				
	HMD	0	eP	22 19.9				18	10		13	10				Mongolia
	HRSM	0	X	22 25.6				8	11	7	10	11	11			47°N
	MTYM	0	eP	22 33.8		eS	4 428	17	11	11	5	11	11			115°E
	TYOK	0	eP	22 46.0				5	7	6	10	15	12	eX	5 380	(JMA)
	TKMT	0	eP	22 46.9		eX	4 154	10	8		11	11		eX	3 75	
	KMYM	0	eX	22 53.4		eX	3 145	13	11	8	14	14	12	iX	5 345	
	KYTO	0	eP	23 01.5				9	5	5	12	14	14	eX	3 135	
	HKN	0	eP	23 06.5				5	7	9	13	12	11			
	OSK	0	eX	23 07.5				34	29	10	5	4	2	eX	3 416	
	SMT	0	eX	23 45.7				14	9	10	10	10	11	eX	3 423	
	SMZ	0	eX	27 23.1				7	5		12	10				
	SMS	0	eX	28 16.5				6	8	2	12	14	11			
	OWS	0	X	28 35.2				6	5	6	12	10	11			
2 8	WKYM	1	P	06 56 43.2		S	07	160	83	120	-	-	-			
2 9	SMSK	0	eX	11 20 18.8				16	8	10	3	3	2	eX	242	小笠原はるか
	OWS	0	P	20 22.4				6	5	8	2	2	2			南方沖
	NGY	0	iP	20 32.0	+16 (-) +12			18	14	9	2	2	2			S off
	OSK	0	iP	20 33.9		-11		60	45	26	3	3	2			Honshu
	TKSM	0	eP	20 34.3		eS	2 277									(220°N
	SMT	0	iP	20 34.4	-4 +3 -5	eS	2 195	9	8	11	3	3	3			1440°E
	KMYM	0	iP	20 35.1				10	9		4	3				300Km
	KOB	0	eX	20 36-												(JMA)
	KYT	0	eP	20 36.6		eS	2 352	6	5	5	3	2	2			
	HKN	0	X	20 37.1				18	15	9	2	2	2			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Max. Amplitude						Pha.	p-Pha.		Remarks	
				h	m	s	N	E	Z	Amp. (μ)			Period(sec.)				m	s		
										N	E	Z	N	E	Z					
	OSK	0	X	16	13	6				77	85	24	4	4	3	X	3	167		
	TRGS	0	P	16	22	1														
	SIG	0	X	19	4	3														
	MIZR	0	X	20	0	54														
	WKYM	0	X	20	5	24														
	KOB	0	eX	21	11	-														
2 2	HRSM	0	X	17	22	566				200	180	120	13	12	11	X	2	405		
	SIG	0	P	22	5	90		S	2	533						L	3	37-		
	YNG	0	X	23	0	57														
	MTE	0	P	23	0	71										X	4	148		
	UWJM	0	eP	23	0	7-				200	100	70	17	11	11	eX	3	00-	China	
	KOCH	0	eP	23	1	37		eS	2	542	230		13						375°N	
	SMZ	0	eP	23	1	50		eS	3	030									1151°E	
	OKYM	0	eP	23	1	6-					20	17	19	12	15	12	eL	4	4-	33Km
	TKMT	0	eP	23	1	72		eS	3	102	130	130	98	16	12	12			(USGS)	
	TTR	0	eP	23	1	78		eS	4	512	200	150	100	11	10	10				
	HMD	0	eX	23	1	91				210	120		9	10		eX	2	395		
	TKSM	0	eP	23	2	15		eS	3	019										
	TYOK	0	iP	23	2	51	(+)	(-)-23	eS	2	558	140	120	130	12	11	11			
	MIZR	0	X	23	3	17														
	HMJ	0	eP	23	3	20		eS	4	538										
	SMT	0	P	23	3	24		-1 eS	3	098	130	99	110	17	11	12	L	4	10-	
	KYT	0	eP	23	3	41		eS	3	247	100	73	58	14	12	12				
	KMYM	0	P	23	4	38		S	3	141	220	140		12	11					
	HKN	0	eP	23	4	39					130	150	130	12	12	12				
	OSK	0	X	23	4	88		eX	2	408	290	280	120	4	5	5	X	4	512	
	SMSK	0	eP	23	5	92		eS	3	139	180	140	67	17	11	12	eL	4	090	



Report of Earthquakes

Station not equipped with Seismograph

昭和41年3月

March 1966

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Earthquake Sound
7	Miyama	美山	Kyōto	08 ^h 58 ^m	
	Ayabe	綾部	"	59	
	Sueno	末野	Hyōgo	59	
8	"	末野	"	19 51	
	"	"	"	"	
1 0	Hiei-zan	比叡山	Kyōto	12 48	heard
	Ayabe	綾部	"	48	heard
	Tōgō	東郷	Osaka	48	
	Mandokoro	政所	Shiga	48	
	Kita-Komatu	北小松	"	48	heard
	Minami-no-shō	南之庄	Nara	48	
	Ōude	大宇陀	"	48	
	Tsuchiyama	土山	Shiga	49	
	Echigawa	愛知川	"	49	heard
	Tarao	多羅尾	"	49	
	Aburahi	油日	"	49	
	Nishiwaki	西脇	Hyōgo	49	
	Miyama	美山	Kyōto	50	
Yamato-shinzyō	大和新庄	Nara	49		
1 1	Miyama	美山	Kyōto	02 30	
1 2	Takahashi	高梁	Okayama	01 28	
	Yakake	矢掛	"	28	
	Susai	周匝	"	28	

Date	Station		Prefecture	S.I.	Time	Earthquake
					(J.S.T.)	Sound
	Kurosaka	黒坂	Tottori	II	01 ^h 30 ^m	
18	Kiyokawa	清川	Wakayama	II	05 54	heard
18	Kameoka	龜岡	Kyoto	II	09 25	
18	"	"	"	II	12 18	
24	Sakai	境	Tottori	I	14 08	
26	Nakamura	中村	Kōchi	I	04 27	
	Kōchi	河内	Hiroshima	II	28	
29	Higashi-nogami	東野上	Wakayama	I	15 58	heard

Number of earthquakes

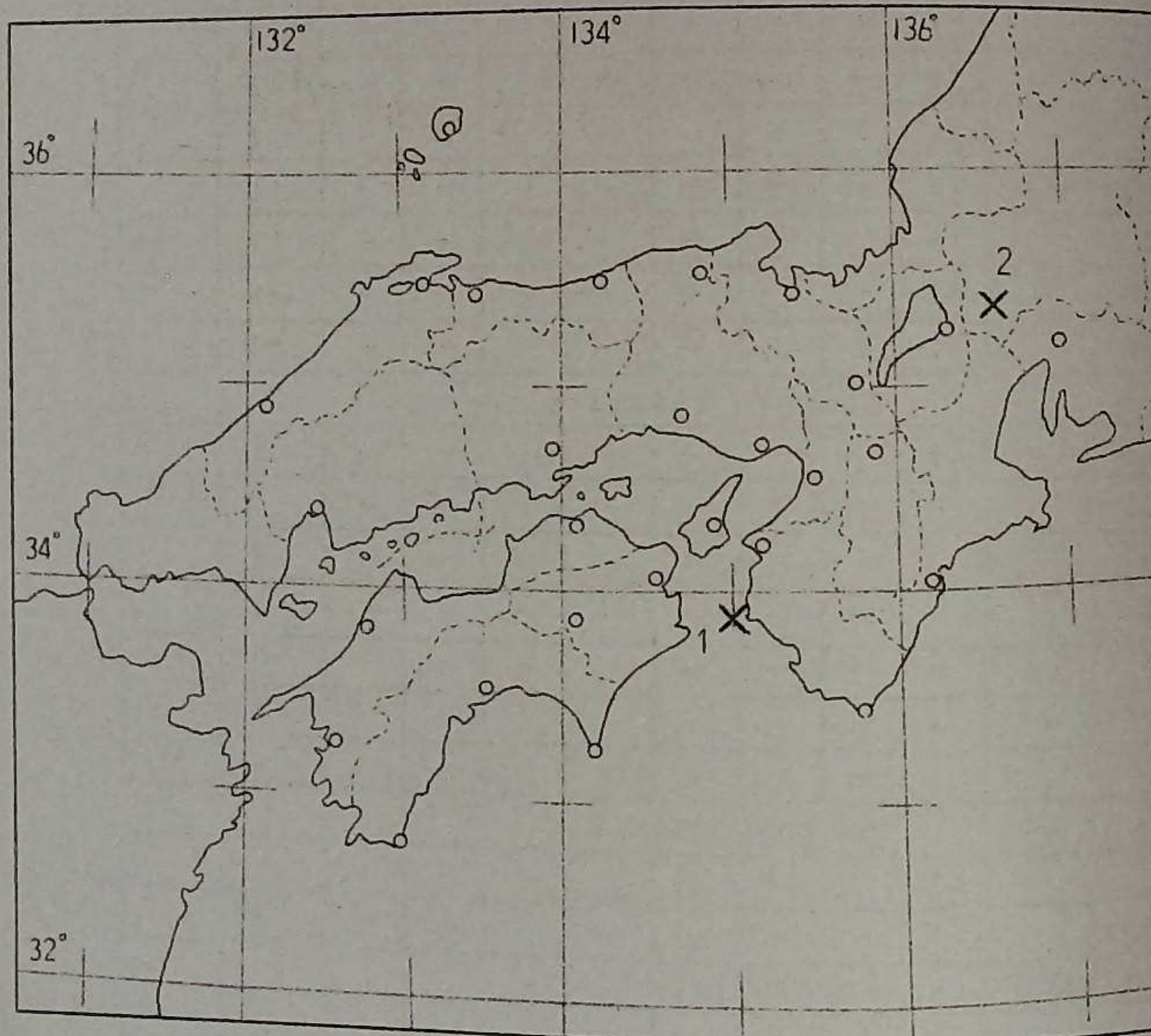
April 1966

Station	S.I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone	46	1	—	—	—	—	—	—	—	47	
Himeji	4	—	—	—	—	—	—	—	—	4	
Kōbe	11	—	—	—	—	—	—	—	—	11	
Kyōto	15	2	—	—	—	—	—	—	—	17	100
Maizuru	1	1	—	—	—	—	—	—	—	2	
Nara	11	—	1	—	—	—	—	—	—	12	
Ōsaka	26	1	—	—	—	—	—	—	—	27	
Shionomisaki	11	—	—	—	—	—	—	—	—	11	
Sumoto	18	1	—	—	—	—	—	—	—	19	106
Toyooka	32	—	—	—	—	—	—	—	—	32	
Wakayama	20	1	1	—	—	—	—	—	—	22	
Chūgoku District											
Hamada	5	—	—	—	—	—	—	—	—	5	
Hiroshima	6	—	—	—	—	—	—	—	—	6	
Matsue	3	—	—	—	—	—	—	—	—	3	
Okayama	3	—	—	—	—	—	—	—	—	3	
Saigō	0	—	—	—	—	—	—	—	—	0	
Tottori	4	1	—	—	—	—	—	—	—	5	
Yonago	1	—	—	—	—	—	—	—	—	1	
Shikoku District											
Kōchi	10	—	—	—	—	—	—	—	—	10	
Matsuyama	8	—	—	—	—	—	—	—	—	8	
Murotomisaki	no observation										
Shimizu	2	—	—	—	—	—	—	—	—	2	
Takamatsu	7	—	—	—	—	—	—	—	—	7	
Tokushima	8	1	1	—	—	—	—	—	—	9	
Tsurugisan	4	—	—	—	—	—	—	—	—	4	
Uwajima	2	—	—	—	—	—	—	—	—	2	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and Portable seismographs. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

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

April 1966



April 1966

No	Date	Origin Time (J.S.T.)	Epicenter			Max. S. I.	
			Location	Lat. °N	Long. °N		Depth km
1	11	10 ^h 20 ^m	紀伊水道 W off Wakayama Pref.	33.9	135.0	10	III
2	25	14 09	岐阜県南部 S part of Gifu Pref.	35.3	136.6	30	III

Date	Station	S. I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						Pha.	Remarks	
							p-Pha.			p-Pha.					
							m s			m s					Amp (μ)
1	WKYM	0	P	02 09 024		S	10	24	13						
1	NGY	0	P	05 25 504	-2 -1 +2	i S	224	44	47	19	1	1	1	松代付近 Near Matsushiro { 36.7°N 138.2°E 0 Km (J.M.A.)	
	HKN	0	eP	25 57.3		i S	273	42	37	16	2	1	1		
	KYT	0	eP	26 07.2		e S	286	8	9	3	2	0	1		
	NR	0	eP	26 09.2											
	TYOK	0	eP	26 12.9		S	414	29	24	6	1	1	1		
	OSK	0	X	26 52.5				30	30	15	2	4	3		
1	SMSK	0	eX	27 12.4				8	6	3	3	3	2		
1	NGY	0	eP	10 41 034	(+) (+) (-)	e S	210	9	11	4	1	1	1		
	HKN	0	eP	41 11.3		S	239	13	9	3	1	1	1		
2	NGY	0	eP	06 03 116		S	220	18	15	7	1	1	1		
	HKN	0	eP	03 22.9		S	216	14	16	5	1	1	2		
	TYOK	0	eP	03 33.9		e S	412	10	7		1	1			
2	NGY	0	eP	06 09 59.5		S	21.7	7	7	3	1	1	1		
	HKN	0	eP	50 10.8		S	21.3	7	7	3	1	1	1		
3	NGY	0	eP	07 44 444		S	1 040	34	24	8	2	2	2		
	HKN	0	P	44 49.1		S	1 10.1	12	10	5	2	3	1		
	OSK	0	eP	44 57.8		S	1 20.7	21	22	12	2	2	2		
	TYOK	0	P	45 00.1		S	1 19.4	5	7		1	1			
3	NGY	0	P	13 44 354	(-) (-) (+)	S	450	210	240	89	2	2	2	茨城県沖 off Ibaraki Pref. { 36.7°N 141.1°E 40 Km (J.M.A.)	
	HKN	0	P	44 43.0		S	513	250	130	58	2	3	1		
	KYT	0	eP	44 48.6	+2 +4 -2	e S	530	52	28	20	1	2	3		
	OVS	0	P	44 49.0		S	1 07.6	23	15	10	3	3	3		
	MIZR	0	eP	44 50.6		e S	1 01.4								
	NR	0	eP	44 50.8		e S	57.0	100	80	50	2	2	1		
	OSK	0	eP	44 50.9		S	1 00.3	220	150	120	4	2	2		i 1 193
	SMSK	0	eP	44 52.3		e S	1 01.4	14	23	10	3	5	2		

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks
							p-Pha.			p-Pha.				
							Amp. (μ)	Period(sec)		Amp. (μ)	Period(sec)			
h m s	N	E	Z	h m s	N	E	Z	h m s						
	KOB	0	eP	44 54.9										
	TYOK	0	P	44 56.7	+3									
	WKYM	0	P	44 57.3		eS	1 04.0	36	26	12	1	1	1	
	SMT	0	P	45 00.0	(+) (-)	eS	1 08.8	28	21	16	3	4	4	
	HMJ	0	eP	45 04.3		eS	1 19.9							
	TRGS	0	eP	45 04.3		eS	1 36.5							
	TTR	0	P	45 04.4		eS	1 34.4							
	TKSM	0	eP	45 06.7		eS	1 12.9							
	TKMT	0	eP	45 09.9		eS	1 27.4	15	17	4	3	3	3	
	MTE	0	eP	45 19.7		eS	1 18.4							
	KOCH	0	iP	45 20.6		iS	1 26.2	21	12		4	3		
	HRSM	0	eP	45 26.8		eS	1 30.0	11	4	7	2	3	2	
	MTYM	0	eP	45 27.5		eS	1 35.0	10	7	5	2	2	2	
	SMZ	0	eP	45 37.0				8	7		3	2		eX1 221
	HMD	0	eP	45 39.2	-1	eS	1 18.2	10	6		6	8		
3	NGY	0	eP	13 56 34.8	(+) (+) (-)	S	21.6	16	19	6	2	2	2	
	TYOK	0	eP	56 58.3		iS	39.5	11			1			
	HKN	0	S	57 07.8				15	12	5	1	2	1	
3	NGY	0	eP	23 48 22.5	(+) (+) (+)	S	23.5	10	9	4	1	1	1	
	HKN	0	eP	48 30.8		S	25.4	9	7	3	1	1	1	
4	WKYM	0	P	10 57 25.4		S	3.4	13	9					
4	WKYM	0	P	11 27 03.3		S	1.3	21	9					
5	NGY	0	iP	17 51 50.0	(+) -3	S	24.0	230	240	93	2	2	2	
	HKN	0	iP	51 55.3	+6 +7 -8	S	29.8	260	270	85	1	2	1	
	KYT	0	eP	52 00.3	+3 +3 -2	iS	33.8	40	53	26	3	2	5	
	NR	0	eP	52 04.7		eS	40.0	150	100	80	2	1		
	OVS	0	P	52 06.0		S	38.2	32	25	18	2	2	4	

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks
							p-Pha.			p-Pha.				
							Amp. (μ)	Period(sec)		Amp. (μ)	Period(sec)			
h m s	N	E	Z	h m s	N	E	Z	h m s						
	OSK	0	P	52 09.6	+5	S	38.8	230	250	75	3	4	1	松代付近
	TYOK	0	eP	52 13.0	(+) (-)	eS	41.9	220	99	34	1	1	2	Near
	WKYM	0	eP	52 13.5		S	44.2	51	33	11	1	1	1	Matsushiro
	SMT	0	P	52 14.5		eS	47.7	34	29	12	8	5	4	36.6N
	KOB	0	eP	52 18.1		eS	44.6	50	100	40	6	5	2	138.2°E
	TKSM	0	eP	52 20.5		eS	48.7							5 Km
	HMJ	0	eP	52 21.1		eS	47.0							(J.M.A)
	SMSK	0	eP	52 23.2		eS	45.5	31	33	14	4	3	2	
	TKMT	0	eP	52 25.6		eS	1 01.0							
	TRGS	0	eP	52 29.1		eS	53.7							
	OKYM	0	eP	52 29.9		eS	54.1	11	9	7	1	1	1	
	MTE	0	eP	52 39.9		eS	1 07.9							
	MTYM	0	eP	52 46.1		eS	1 09.8	23	13	7	5	7	6	
	KOCH	0	eP	52 51.4		eS	1 05.1	23	25		6	5		
	HRSM	0	eP	52 53.6	+1 +2 (-)	S	1 10.3	14	8	9	4	5	2	
	HMD	0	eP	53 02.1		eS	58.9	13	4		7	6		
	SMZ	0	eX	53 13.4		eS	1 11.7	14	16		5	9		
5	WKYM	0	P	19 41 25.9		S	4.9	11	26					
	SMT	0	P	41 37.1	(-) (+)	S	6.9	8	4	3	0	0	1	
	TYOK	0	eS	42 19.6				4	7		1	1		
5	NGY	0	P	23 51 49.5	-2 -2 +2	iS	35.7	24	17	6	1	1	1	
	HKN	0	P	52 01.3		S	35.7	14	11	6	1	1	1	
	OSK	0	eX	53 03.6				9	12	4	2	3	2	
6	TYOK	0	eP	00 32 25.2		eS	40.7	9	6		1	1		
6	TTR	1	P	08 06 10.4		S	1.8							
6	SMT	0	P	15 33 07.1	(-) (+) (-)	S	1.5	8	4	2	0	0	0	
6	NGY	0	eP	17 08 20.4	-2 -1 +1	S	23.6	14	11	4	1	1	1	

Date	Station	S	I	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks		
								p-Pha.			Pha.						
								Amp. (μ)	Period (sec)		Amp. (μ)	Period (sec)					
h m s	N	E	Z	N	E	Z	m	s									
	HKN	0	eP		08:31.4		S	248	14	9	4	1	1	2			
7	MTYM	0	eP		04:46:55.6		eS	109.7	6	6	3	5	4	4			
	SMT	0	eP		47:11.6		eS	145.7	6	3	3	4	3	4	iX	29	
	TYOK	0	eP		47:30.0				16	9		1	1				
	TRGS	0	eP		47:55.5												
	OSK	0	X		49:39.5				27	23	7	5	4	3			
7	TKSM	0	eP		18:44:52.0												
	OSK	0	eX		45:02.4				20	18	6	5	4	3			
8	NGY	0	P		10:51:37.0	-2	+1		9	12	4	3	3	2		Kamchatka	
	HKN	0	P		51:40.0		eS	406.3	7	8	4	2	2	2		56.5°N	
	TYOK	0	eP		51:44.4		eS	353.4	11	10		1	1			154.5°E	
	KYT	0	eP		51:45.0	-2	-2	+4	eS	349.8	5	5	5	2	2	2	300 Km
	OSK	0	P		51:49.3		eS	400.3	32	27	20	4	4	4		(J.M.A)	
	OWS	0	iP		51:50.0				4	4	7	4	4	4	X	106	
	KOB	0	eX		51:50-												
	SMT	0	iP		51:54.2	(-)	(-)	(+)	eS	411.2	8	5	9	5	4	4	
	WKYM	0	eP		51:56.4				409.2	9	11		4	4			
	TKSM	0	eP		52:00.3												
	KOCH	0	eP		52:09.7		eS	423.6	4	5		5	5				
	TRGS	0	eP		53:17.6												
9	NGY	0	eP		04:35:49.8		S	19.8	7	6	2	1	1	1			
10	WKYM	1	P		09:04:04.4		S	1.7	53	37	29	-	-	-			
10	HMD	0	eP		23:48:32.1		S	4.1	11	15		0	0				
11	NGY	0	P		03:00:06.6	+1	+1	-1	S	23.4	6	6	3	1	1	1	
	HKN	0	eP		00:22.3		S	17.7	8	5	4	1	1	1			
11	WKYM	0	P		03:11:53.6		S	0.7	4	7		-	-				
11	WKYM	0	P		03:17:36.8		S	0.7	6	7		-	-				

Date	Station	S	I	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks		
								p-Pha.			Pha.						
								Amp. (μ)	Period (sec)		Amp. (μ)	Period (sec)					
h m s	N	E	Z	N	E	Z	m	s									
11	NGY	0	P		04:57:58.0	-2	-2	+2	S	21.4	50	60	21	2	2	2	松代付近
	HKN	0	eP		58:02.9				S	28.6	41	39	14	1	1	1	Near
	KYT	0	eP		58:09.5				eS	34.2	7	7	5	2	4	4	Matsushiro
	NR	0	eP		58:17.6												36.6°N
	OWS	0	P		58:19.8						7	4	4	1	1	1	138.2°E
	TIOK	0	P		58:21.1				eS	41.0	23	18	4	1	1	1	0 Km
	OSK	0	eP		58:23.0				S	38.9	35	60	15	4	5	2	(J.M.A)
	SMT	0	eP		58:29.7				eS	46.3	5	5	3	5	5	5	iX 4.3
	WKYM	0	eP		58:32.3				eS	43.0	8	7		1	1		
11	WKYM	0	P		05:44:37.9				S	2.4	9	19		-	-		
11	NGY	0	P		06:06:47.4	-3	-2	+4	S	22.6	60	57	13	3	3	1	松代付近
	HKN	0	eP		06:52.1				S	28.3	41	23	14	1	1	2	Near
	OSK	0	eP		07:02.7				eS	38.4	55	75	20	4	4	3	Matsushiro
	KYT	0	eP		07:03.5	-1	-1	+1	eS	34.5	7	9	6	3	5	4	36.4°N
	NR	0	eP		07:04.0												138.3°E
	OWS	0	P		07:04.3						4	4	3	2	2	1	0 Km
	TYOK	0	eP		07:09.4				eS	40.2	23	14		1	1		(J.M.A)
	WKYM	0	eP		07:10.4				eS	48.8	6	7		1	1		
	SMT	0	P		07:22.5				(-) eS	45.3	5	6	3	3	4	4	iX 1.3
	KOCH	0	eP		07:47.2				eS	104.0		5			3		
11	WKYM	2	P		10:20:22.0	+22	+15	+15	S	4.4	95	92	57	1	1	1	紀伊水道
	TKSM	1	iP		20:23.4	-2	+8	-8	iS	5.3	44	47	23	1	1	1	W off
	SMT	0	P		20:23.5	+6	-3	+5	iS	6.2	36	28	12	1	1	1	Wakayama
	SMSK	0	P		20:28.5	+1	-3	-5	iS	9.5	23	36	16	1	1	1	Pref.
	KOB	0	eP		20:29.8				eS	11.8							33.9°N
	TKMT	0	iP		20:30.7	-5	+6	-4	iS	11.3	35	42	27	1	1	1	13.5°E
	OSK	0	P		20:31.6				+5 S	12.0	50	64	17	1	1	1	10 Km
																	(O.M.O)

Date	Station	S.I.	Pha	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks
							Amp. (μ)			Period(sec)				
							N	E	Z	N	E	Z		
	OWS	0	P	20 33.2		S	124	43	20	19	—	—	—	
	HMJ	0	P	20 33.8		S	130							
	NR	0	eP	20 34.6		iS	14.3							
	OKYM	0	eP	20 35.7		iS	159	55	61	8	1	1	0	
	KOCH	0	iP	20 36.7		iS	17.2	6			0			
	KYT	0	eP	20 37.5	-2 -1 -1	eS	178	12	15	5	—	1	1	
	HKN	0	eP	20 44.5		eS	218	38	28	10	1	1	1	
	TYOK	0	eP	20 44.8		S	218	42	57	10	1	1	1	
	TTR	0	eP	20 47.2		iS	216							
	MTYM	0	eP	20 48.4		eS	24.0	9	6	3	1	1	1	
	NGY	0	eP	20 52.5		S	27.9	19	20	5	1	1	1	
	HRSM	0	P	20 53.4		S	27.2	4	2	3	2	2	2	
11	NGY	0	eP	14 50 58.5		S	219	12	15	6	1	1	1	
	HKN	0	eP	51 13.3		S	182	14	13	10	1	2	1	
	TYOK	0	eP	51 18.7		eS	429	9	9		1	1		
12	NGY	0	eP	07 29 03.9	(-) (-) (+)	S	19.7	5	5	2	1	1	1	
12	NGY	0	eP	07 30 28.5		S	219	7	10	2	1	1	1	
	HKN	0	S	31 01.4				10	7	4	1	1	1	
12	HKN	0	S	19 54 54.2				7	5		1	1		
12	NGY	0	eP	20 53 46.5		S	231	13	10	4	1	1	1	
	HKN	0	eS	54 18.1				5	8	2	2	1	1	
13	HKN	0	eP	18 39 16.7		eS	238	8	9	4	1	1	1	
	OSK	0	eX	40 12.3				11	15	5	4	4	3	
14	NGY	0	P	09 09 38.7	(+) (+) (-)			1						
	HKN	0	eP	09 43.9		eS	26.2	14	12	6	1	1	2	
	OSK	0	eP	10 02.4		eS	39.3	12	10	6	3	3	2	
	TYOK	0	P	10 03.8		eS	37.8	13	10		1	1		

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks
							Amp. (μ)			Period(sec)				
							N	E	Z	N	E	Z		
16	NGY	0	eP	02 04 06.6		iS	228	9	8	3	1	1	1	
16	NGY	0	eP	03 00 31.5		eS	39.3	20	17	6	2	2	1	
	HKN	0	eP	00 42.6		eS	51.3	23	18	5	1	1	1	
	TYOK	0	eP	00 57.0		eS	1 01.3	10	9	2	1	1	2	
	OSK	0	X	01 54.6				20	18	9	3	3	3	
16	NGY	0	eP	09 08 00.8		S	220	17	19	7	1	1	1	松代付近
	HKN	0	eP	08 05.3		S	28.4	20	18	9	1	1	2	Near
	TYOK	0	eP	08 27.4		S	36.2	16	12		1	1		Matsushiro
16	NGY	0	P	15 07 14.0	+1 (+) -2	S	23.2	25	21	13	1	1	1	松代付近
	HKN	0	eP	07 20.1		S	27.4	26	23	11	1	1	1	Near
	TYOK	0	eP	07 29.4				9	9		1	1		Matsushiro
16	SMSK	0	eP	18 40 40.9		S	5.6	8	8	2	0	0	0	
16	NGY	0	eP	18 49 48.0	(-) (-) (+)	S	22.4	7	11	4	1	1	1	
	HKN	0	S	50 21.5				18	16	4	1	1	1	
	TYOK	0	eS	58 51.2				10	6		1	1		
16	NGY	0	eP	19 14 24.9		+2 eS	50.3	28	28	6	3	3	1	関東
	HYN	0	eP	14 34.0		eS	58.1	14	8	4	3	2	2	はるか沖
	KYT	0	eP	14 38.9		eS	1 03.0	6	5	5	4	6	12	SE off
	SMT	0	P	14 50.0	+1 +1 (-)	eS	1 14.5	6	5	4	3	5	6	Chiba Pref
	TYOK	0	eP	14 50.4		eS	1 50.3	9	6	4	1	1	5	{ 35.0°N
	OSK	0	X	16 28.7				67	61	21	5	5	3	{ 142.0°E
														{ 40 Km
														(J.M.A)
16	KOB	1	iP	20 43 49.1		+7 iS	20	50	50		—	—		大阪湾北部
	SMT	0	P	43 53.4	(-) (+)	iS	4.4	12	6	4	0	0	0	Osaka
	KYT	0	eP	43 59.4		iS	8.6	4	6	1	0	0	1	Bay
17	KOB	1	iP	03 41 45.1	-6 +4 +9	iS	20							大阪湾
	SMT	0	P	41 49.0	(-) (-) +1	iS	4.5	18	9	5	0	0	0	北西部
	HMJ	0	P	41 49.5		iS	5.1							

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks	
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			m
	KYT	0	eP	41 548		iS	88	7	11	2	0	0	1		Osaka Bay 34.6°N 135.1°E 10 Km (O.M.O)
	TKSM	0	eP	41 57.2		iS	82								
	TKMT	0	eP	42 00.3		eS	10.7	7	6		0	1			
	TYOK	0	P	42 02.0		iS	9.5	11	11	5	1	2	1		
	HKN	0	P	42 04.2		S	150	7	7	2	0	1	1		
17	TTR	0	P	03 42 17.5		S	00.4								
17	NGY	0	P	10 22 08.0	+2	iS	232	50	63	20	1	1	1		松代付近 Near Matsushiro 36.6°N 138.2°E 0 Km (J.M.A)
	HKN	0	eP	22 12.8		S	280	42	40		2	1			
	NR	0	eP	22 24.6											
	KYT	0	eP	22 25.0		iS	302	11	9	5	2	2	1		
	OVS	0	P	22 28.6		S	374	4	3	3	1	2	2		
	WKYM	0	eP	22 29.4		S	390	10	9		2	2			
	TYOK	0	eP	22 31.7		S	413	33	26	6	1	1	1		
	SMT	0	eP	22 41.9		S	47.0	4	7	3	2	2	2	iX 25	
	OSK	0	X	23 11.9				44	47	21	4	5	4		
	KOCH	0	eP	23 12.8		eS	1 04.0	3	3		2	2			
	SMSK	0	eS	23 28.7				6	7	3	2	2	2		
17	NGY	0	P	15 47 27.3	-2 -2 +2	S	22.7	59	51	17	1	1	1		
	HKN	0	eP	47 32.1		S	27.9	45	33		1	1			
	KYT	0	iP	47 43.7	+2 +4 -2	iS	35.4	8	8	5	2	3	5		
	NR	0	eP	47 47.6											
	TYOK	0	eP	47 54.6		eS	36.3	27	19	6	1	1	1		
	SMT	0	eP	48 02.1		eS	45.7	4	5	3	5	5	4		
	OSK	0	eX	48 43.6				37	66	20	4	4	3		
17	NGY	0	eP	16 15 04.4	-1 +1	S	22.8	9	8	2	1	1	1		
17	NGY	0	eP	20 02 24.4	(+)	S	22.8	19	20	7	1	1	1		
	HKN	0	eS	02 57.6				14	12	6	1	1	1		

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha.	Remarks	
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			m
17	NGY	0	eP	20 07 15.0	(-) (+)	S	22.6	5	7	3	1	1	1		
	HKN	0	eS	09 22.0				24	29	7	1	1	1		
17	NGY	0	P	20 28 51.6	+1 +1 -3	S	21.6	21	23	12	1	1	1		
	TYOK	0	eP	29 16.5		eS	36.7	10	8		1	1			
	OSK	0	eX	29 56.8				22	37	10	4	4	3		
19	NGY	0	P	07 35 48.0	+2 +2 -2	iS	23.0	59	56	31	2	2	1		松代付近
	HKN	0	P	35 53.2		S	28.5	59	36	19	1	1	2		Near Matsushiro
	KYT	0	eP	36 02.0		iS	33.0	10	8	5	2	2	1		
	NR	0	eP	36 04.1		eS	35.6								36.6°N 138.2°E 0 Km (J.M.A)
	TYOK	0	eP	36 10.7		S	40.9	31	16	6	1	1	1		
	SMT	0	P	36 12.0	(-)	eS	55.2	5	4	3	4	4	5		
	OSK	0	eP	36 12.2		eS	39.2	44	37	16	5	4	3		
	SMSK	0	eP	36 32.4		eS	39.8	6	7	3	2	2	2		
19	WKYM	0	P	16 54 36.5		S	12	30	48	28	-	-	-		
19	KOB	0	eP	17 07 19.7		eS	2.9				1				
19	HKN	0	S	22 49 30.0				7	5		1				
20	UWJM	0	eX	02 26 11.7							-				
20	WKYM	0	P	11 08 30.4		S	3.1	19	30		-	-			
20	WKYM	0	P	16 46 49.1		S	2.2	14	11		-	-			
20	WKYM	0	P	18 29 09.7		S	2.5	9	9		1	-			
21	NGY	0	eP	00 00 18.3		S	21.7	8	7	3	3	1	1		
21	NGY	0	eP	01 30 36.3				18	17	2	4	3	2		
	OSK	0	X	30 39.7				20	20	5	1	4	2		
21	NGY	0	P	03 55 45.6	+1 (+) -2	S	22.8	20	10	5	1	1	1		
	HKN	0	eP	55 53.1		S	26.9	13	14	5	2	1	1		
	OSK	0	X	56 49.6				5	8	3	1	3	2		
21	NGY	0	eP	09 54 00.0	+1 (+) -2	S	22.4	20	10	5	1	1			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Mtion (μ)	Pha.	Max. Amplitude						Pha.	p-Pha.	Remarks
							Amp. (μ)			Period(sec)					
							N	E	Z	N	E	Z			
	HKN	0	S	54 338			7	7	3	1	1	1			
21	HRSM	0	iP	17 59 106	-3 -1 -1	iS	2.5	4	4	6	0	0	0		
21	NGY	0	eP	20 26 213	(+) (-) (+)	iS	223	8	12	4	1	1	1		
	HKN	0	eP	26 33.1		S	221	10	8	4	1	1	1		
22	NGY	0	eP	00 46 26.0	-2 +2			70	75	28	2	2	2		関東
	HKN	0	eP	46 356		eS	1 00.7	50	50		7	5			東方はるか沖
	OWS	0	P	46 39.0		S	578	10	10	15	12	10	12		E off
	KYT	0	eP	46 399		eS	1 04.6	39	13	11	6	2	5		Honshu
	SMSK	0	eP	46 42.7		eS	1 05.9	19	15	3	15	12	2		{ 35.6°N 142.4°E 40 Km (J.M.A.)
	OSK	0	eP	46 45.3		S	1 01.1	190	200	52	4	5	3		
	KOB	0	eX	46 46-											
	TYOK	0	eP	46 49.6		eS	1 21.6	31	14	10	9	11	10		
	SMT	0	P	46 50.3	-1 +1	eS	1 16.3	15	16	14	12	12	10		
	NR	0	eP	46 56.7		eS	1 04.5								
	TKMT	0	eP	47 01.6		eS	1 34.3	11	11	3	5	7	16		
	WKYM	0	eP	47 06.3		eS	1 05.5	11	7		2	2			
	TKSM	0	eP	47 07.7		eS	1 20.2								
	KOCH	0	eP	47 10.1		eS	1 28.4	19	11		11	13			
	HRSM	0	eP	47 18.6	-1	eS	1 26.0	13	9	5	6	9	8		
	HMD	0	eP	47 18.7		eS	1 46.8	16	8		13	7			
	MTYM	0	eP	47 18.8		eS	1 37.5	21	9	13	6	6	6		
	MTE	0	eP	47 45.6		eS	1 35.7								
22	NGY	0	eP	02 38 01.5		eS	549	73	70	20	2	2	2		関東
	OWS	0	P	38 03.7				5	6	6	9	6	10		はるか沖
	KYT	0	eP	38 06.9		eS	1 04.8	19	10	8	3	4	4		E off
	HKN	0	eP	38 09.6		eS	1 10.0	34	23		3	3			Honshu
	NR	0	eP	38 11.9											

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			
	SMT	0	eP	38 17.2		eS	1 15.0	8	8	8	5	4	11		
	SMSK	0	eP	38 21.4		eS	1 18.0	6	12	2	-	4	2		35.7°N
	OSK	0	eP	38 22.1		S	1 08.0	120	160	30	4	4	3		142.2°E
	TYOK	0	eP	38 23-		eS	1 16-	15	7		7	5			40 Km
	KOB	0	eX	38 24-											(J.M.A.)
	TKMT	0	eP	38 27.9		eS	1 24.0	9	6		4	13			
	HMD	0	eP	38 31.0		eS	1 23.4	11	4		6	3			
	HRSM	0	eP	38 32.8		eS	1 33.9	9	5	2	5	7	4		
	KOCH	0	eP	38 37.4		eS	1 28.6	6	5		4	4			
	MTYM	0	eP	38 45.7		eS	1 34.5	10	4	4	6	6	8		
22	NGY	0	eP	03 00 43.5		S	2 22.9	6	7	1	1	1	1		
23	KOCH	0	eP	09 16 33.7		eS	5 32.9	8	8		17	17			
	SMSK	0	eS	16 37.9				10	9	5	3	4	2		
	WKYM	0	eX	16 40.8				5	3		8	8		eX 5374	Mluoca
	SMT	0	iP	16 42.9	-1	eS	5 42.1	7	4	9	4	4	4	eL 1048-	Sea
	OWS	0	P	16 44.4				4	3	5	5	4	4		0°N
	KOB	0	eP	16 45.9											123°E
	OSK	0	X	16 48.8				63	76	13	4	4	2		(J.M.A.)
	KYT	0	eP	16 51.0		eS	5 45.0	8	4	6	4	4	4		
	TYOK	0	eP	16 53.6		eS	5 44.5	11	10	4	1	1	3		
	HKN	0	eP	16 54.5		eS	5 48.9	14	9	10	3	3	4	L 8388	
	NGY	0	P	16 55.2	+6 +5 -4			12	15	15	3	3	3		
23	OSK	0	eX	18 03 51.9				20	22	6	4	4	2		
24	NGY	0	eP	22 31 02.7		S	225	8	10	3	1	1	1		
	TYOK	0	eP	31 25.9		iS	40.7	6	4		1	1			
	HKN	0	S	31 35.9				9	7	4	1	1	1		
24	HKN	0	iS	21 54 45.1				12	18		1	1			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	Max. Amplitude						p-Pha. m s	Remarks
							Amp. (μ)			Period(sec)				
							N	E	Z	N	E	Z		
25	NGY	2	iP	14 09 54.0	+2 -2 -44	iS	54	180	500	84	0	0	0	岐阜県南部 S part of Gifu Pref { 35.3°N 136.6°E 30 Km (O.M.O)
	HKN	1	iP	09 54.6	+7 -26 +87	iS	63	280	210	1	1	1		
	KYT	2	iP	10 01.2	-1 -4 +16	iS	112	110	140	32	0	0	0	
	NR	2	iP	10 02.7	+9	iS	124	350	200	200	0	0	0	
	MIZR	1	iP	10 05.4	+2 -4 +4	iS	149	58	49	41	0	0	0	
	OSK	1	P	10 06.4	+6	S	149	95	96	55	0	1	1	
	WKYM	0	eP	10 09.1	(-)	eS	165	36	22	1	1	1		
	OWS	0	P	10 10.0		S	150	11	9	9	-	-	1	
	KOB	0	eP	10 10.7		eS	161							
	SMT	0	P	10 13.5		eS	20.7	5	3	1	2			
	TYOK	0	eP	10 13.6		iS	19.9	87	83	51	1	1	1	
	TKSM	0	eP	10 18.1		iS	26.8							
	SMSK	0	eP	10 18.5		eS	26.1	18	12	8	1	1	1	
	TTR	0	eP	10 21.8		S	27.0							
	OKYM	0	eP	10 25.7		iS	39.3	30	30	10	1	1	1	
	TKMT	0	eP	10 29.1		eS	29.8		6				1	
	YNG	0	eS	11 09.2										
26	MTYM	0	eP	03 18 14.2		iS	325	6	4	1	1	1	1	
26	NGY	0	eP	15 28 06.8		S	236	5	8	4	1	1	1	
28	TKSM	0	eP	00 36 31.9		iS	70							
29	UWJM	0	iP	01 22 55.4	(+)	iS	7.6							豊後水道 W off Shikoku { 332°N 1320°E 20 Km (J.M.A)
	MTYM	0	eP	22 03.3		iS	132	8	9	5	1	1	0	
	KOCH	0	iP	22 09.5		iS	180	3	4	0	0			
	TYOK	0	eP	22 53.8				7	7	1	1			
29	NGY	0	eP	11 25 53.6		S	354	15	22	7	1	1	1	那賀川 中流域 Tochi gl Pref
	HKN	0	eP	25 59.3		S	426	17	15	6	1	2	2	
	TYOK	0	P	26 11.7	(+)	eS	498	10	9	1	1			

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion (μ)	Pha.	International Seismological Centre						p-Pha. m s	Remarks
							Amp. (μ)			Period(sec)				
							N	E	Z	N	E	Z		
	OSK	0	X	27 12.1										{ 367°N 1402°E 90 Km (J.M.A)
29	NGY	0	eP	18 22 33.9		S	193	6	8	3	1	1	1	
	HKN	0	S	23 04.5										
30	NGY	0	eP	08 22 19.4		S	9.8	7	7	4	0	0	0	
	HKN	0	S	22 46.7										
30	NGY	0	P	17 43 25.2	(-) (-) +2	S	232	17	17	8	1	1	1	
	HKN	0	S	43 59.1										

Report of earthquakes

Station not equipped with Seismograph

April 1966

昭和41年4月

Date	Station		Prefecture	S.I.	Time		Earthquake Sound
					(J.S.T)		
5	Kiyokawa	清川	Wakayama	I	19 ^h	41 ^m	
10	Kabe	可部	Hiroshima	II	23	30	
	Seranishi	世羅西	"	II	23	45	
11	Kibi	吉備	Wakayama	III	10	20	heard
	Kiyokawa	清川	"	II		17	
	Kami-yanase	上魚梁瀬	Kōchi	II		20	
	Terakaidō	寺垣内	Nara	II		20	
	Futatsuno	二津野	"	II		20	
	Tanabe	田辺	Wakayama	II		21	
	Ryūjin	竜神	"	II		22	
Kurisugawa	栗栖川	"	I		22		
15	Fukuyama	福山	Hiroshima	I	20	30	
15	Matsunaga	松永	"	I	23	34	
16	Sueno	末野	Hyōgo	I	20	44	
17	"	"	"	II	03	43	
20	Kibi	吉備	Wakayama	I	11	08	
25	Tsuburo	津風呂	Nara	II	14	10	heard
	Aburahi	油日	Shiga	I		09	
	Naka-no-gō	中之郷	"	I		09	
	Kita-komatsu	北小松	"	I		10	
	Tsuchiyama	土山	"	I		10	
	Minakuchi	水口	"	I		12	
	Chikubu-jima	竹生島	"	I		13	
26	Kōzan	甲山	Hiroshima	II	01	15	

大阪管区

地震月報

昭和41年⁵/₆月

THE MONTHLY REPORT OF EARTHQUAKES

M a y

J u n e

1 9 6 6

大阪管区气象台

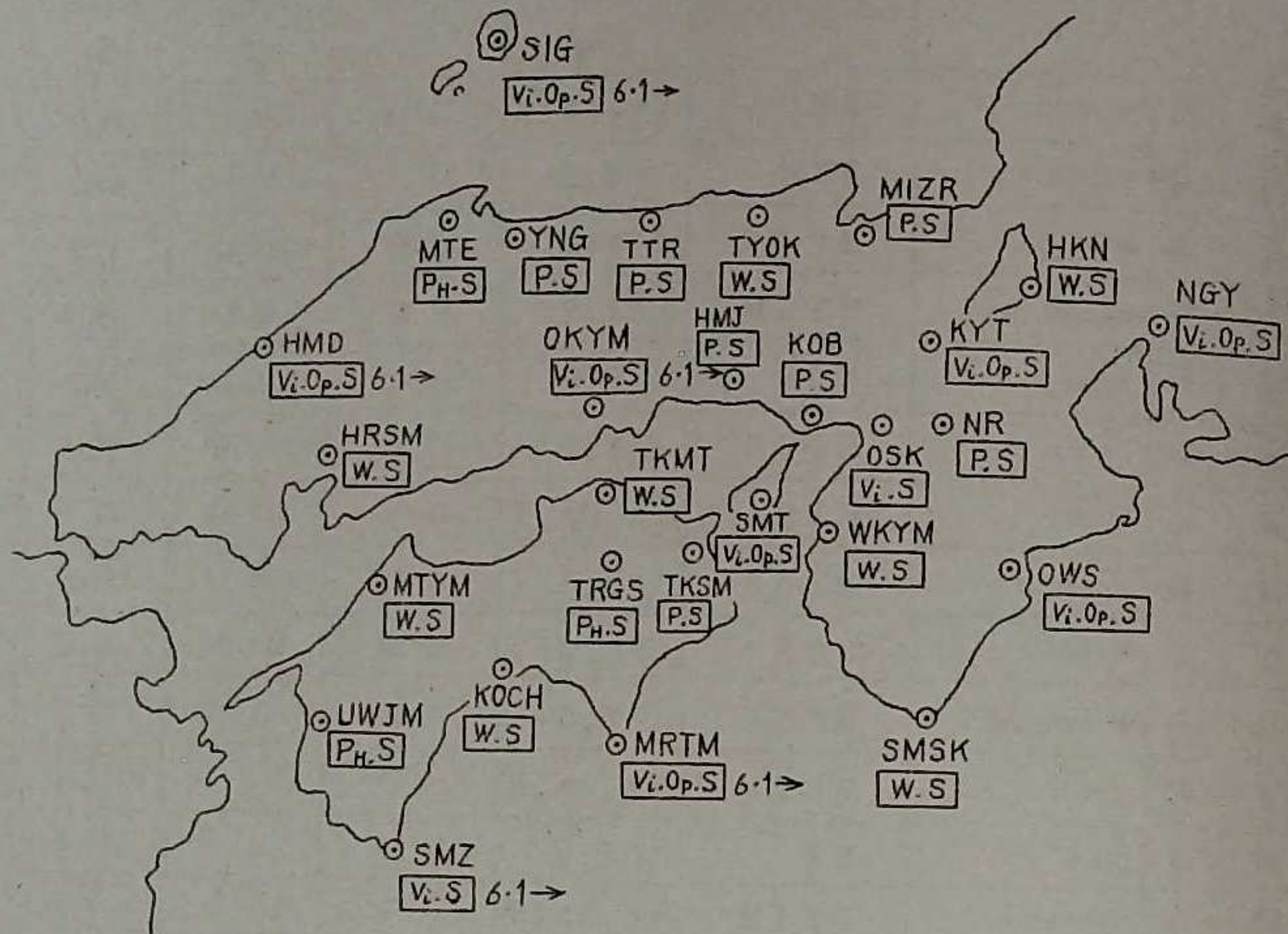
The Osaka

District Meteorological Observatory

Japan

Station		Abbreviation	Seismo- graph	Lat. (N)	Long. (E)	Height (m)
浜田	Hamada	HMD	Vi,Op,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	Vi,Op,S	33 15	134 11	185.3
奈良	Nara	NR	P,S	34 41	135 50	105.0
岡山	Okayama	OKYM	Vi,Op,S	34 41	133 55	3.8
大阪	Osaka	OSK	Vi,S	34 39	135 32	5.1
西郷	Saigo	SIG	Vi,Op,S	36 12	133 20	27.7
清水	Shimizu	SMZ	Vi,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
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
($T_0=3\sim 4$, $V=50$)

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
($T_0 \div 5$, $V \div 80$)

May 1966

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

Kinki District

Hikone	50	—	—	1	—	—	—	—	—	51	
Himeji	1	—	—	—	—	—	—	—	—	1	
Kobe	10	1	—	—	—	—	—	—	—	11	
Kyoto	13	1	—	—	—	—	—	—	—	14	158
Maizuru	2	—	—	—	—	—	—	—	—	2	
Nara	11	—	1	—	—	—	—	—	—	12	
Osaka	25	1	—	—	—	—	—	—	—	26	
Shionomisaki	9	1	—	—	—	—	—	—	—	10	
Sumoto	16	—	—	—	—	—	—	—	—	16	120
Toyooka	33	1	—	—	—	—	—	—	—	34	
Wakayama	25	4	—	—	—	—	—	—	—	29	

Chugoku District

Hamada	9	—	—	—	—	—	—	—	—	9	40
Hiroshima	7	—	—	—	—	—	—	—	—	7	
Matsue	3	—	—	—	—	—	—	—	—	3	
Okayama	12	—	—	—	—	—	—	—	—	12	89
Saigo	6	—	—	—	—	—	—	—	—	6	29
Tottori	3	—	—	—	—	—	—	—	—	3	
Yonago	1	—	—	—	—	—	—	—	—	1	

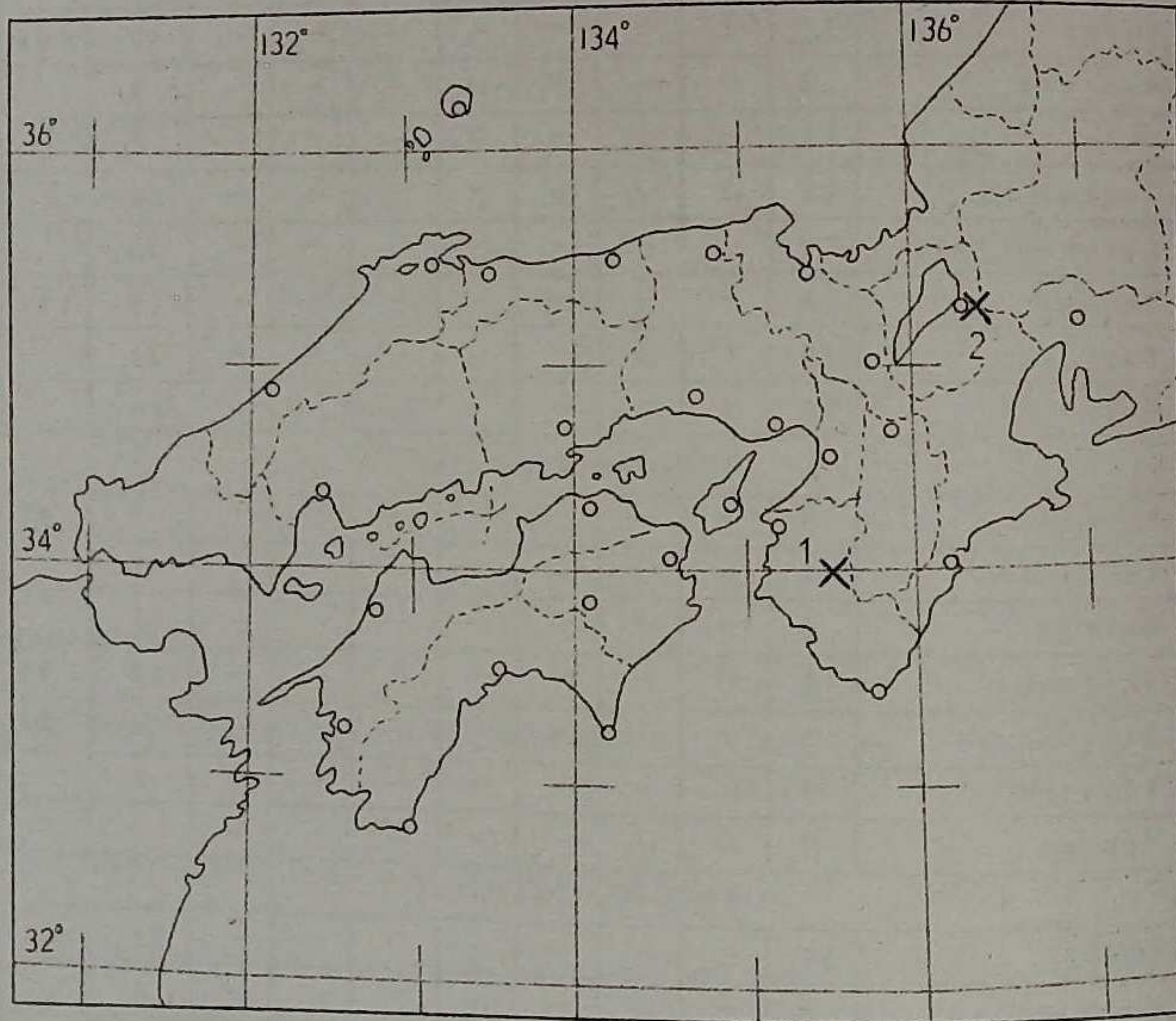
Shikoku District

Kochi	12	—	—	—	—	—	—	—	—	12	
Matsuyama	5	—	—	—	—	—	—	—	—	5	
Murotomisaki	no observation									—	—
Shimizu	no observation									—	—
Takamatsu	9	—	—	—	—	—	—	—	—	9	
Tokushima	13	—	—	—	—	—	—	—	—	13	
Tsurugisan	8	—	—	—	—	—	—	—	—	8	
Uwajima	2	1	—	—	—	—	—	—	—	3	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and Portable seismograph. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

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

May 1966



May. 1966

No	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		
1	20	07 ^h 56 ^m	和歌山県中部 Central part of Wakayama Pref.	°N 34.0	°N 135.5	km 40	II
2	26	07 49	伊吹山付近 E part of Shiga Pref.	35.4	136.5	15	III

Date	Station	S.I.	Pha.	Time (J.S.T.)	Jnitial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha.	Remarks			
							p-Pha.			Amp.(μ)						Period(sec.)		
							m	s		N	E	Z				N	E	Z
1	NGY	0	P	04:49:054		+1	S	322	8	11	5	1	1	1				
	HKN	0	S	49:377					9	9		1	1					
2	NGY	0	P	00:44:378	-1	-2	+2	S	222	29	36	11	2	1	1		松代付近	
	HKN	0	eP	44:431				S	265	24	21	14	2	2	1		Near Matsu-shiro	
	KYT	0	eP	44:538				iS	306	7	6	2	2	2	1			
	NR	0	eP	44:570														
	TYOK	0	P	45:000				S	423	19	13	3	1	1	1			
	OSK	0	eP	45:024				eS	398	30	27	11	4	3	2			
2	NGY	0	eP	01:52:330	(+)	(+)	(-)	S	230	7	8	3	1	1	1			
	HKN	0	eP	52:388				iS	270	8	5	4	1	1	1			
2	HKN	0	eP	03:32:094				S	1073	9	5	3	2	1	1			
2	HKN	0	eP	13:29:485				S	536	11	10	3	1	1	1			
	NGY	0	eP	30:081	(-)	-1	+1	S	215	8	11	5	1	1	1			
	TYOK	0	eP	30:306				S	402	10	10		1	1				
2	WKYM	1	P	20:21:170				S	17	17	13	-	-					
2	NGY	0	eP	23:28:366				eS	338	5	7	3	2	2	1			
	HKN	0	eP	28:473				eS	258	9	7	3	1	1	1			
	TYOK	0	eP	29:115						8	7		1	1				
3	WKYM	0	eP	06:56:145				eS	65	8	9	-	-					
4	NGY	0	eP	08:37:336				eS	240	7	7	4	1	1	1			
4	NGY	0	P	10:49:184				+2	S	236	28	31	14	1	1	1		松代付近
	HKN	0	eP	49:256				S	252	21	20		1	1			Near Matsu-shiro	
	KYT	0	eP	49:349				eS	300	5	6	4	2	3	4			
	OSK	0	eP	49:431				S	398	32	54	13	4	5	3			
	TYOK	0	eP	49:443				eS	390	11	9		1	1				
5	NGY	0	eP	12:55:408	(-)	(-)	+1	S	228	12	12	6	1	1	1			
	HKN	0	eP	55:495				S	250	13	8	5	1	1	1			

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				
5	KOCH	0	eP	23 24 309				9	6		9	9		eX	3 14.0	台湾近海
	MTYM	0	eP	24 362		eS	2	325	8	11	10	10	11	6		E off Formosa
	HRSM	0	P	24 37.3	-1 -1 -2	eS	2	350	9	14	5	8	7	6		{ 24° N
	HMD	0	P	24 386	-2 -2 -2	S	2	410	13	14	6	6	6	5		{ 123° E
	TKMT	0	eP	24 47.1		eS	2	403	5	6		9	9			(JMA)
	OKYM	0	eP	24 50.0		eS	3	080	10	20	10	10	11	7		
	SMT	0	eP	24 55.5		eS	2	533	7	5	3	9	8	5		
	SIG	0	iP	24 56.4	(+)(+)(+)				6	8	6	6	7	3	eL	3 07.6
	OSK	0	eP	25 07.0		eS	2	596	30	33	7	4	4	3		
6	NGY	0	eP	00 13 42.0	+1 (-)	eS		180	5	8	3	1	2	1		
	HKN	0	P	13 42.3		iS		15.7	11	10	4	1	1	1		
	TYOK	0	P	13 52.2		eS		228	11	11		1	1			
6	WKYM	0	eP	01 58 56.3		S		05	4	4		-	-			
6	NGY	0	eP	03 17 18.6	-1 +1	S		226	4	7	2	1	1	1		
6	WKYM	0	P	04 39 26.0		S		35	9	4		-	-			
6	NGY	0	eP	04 59 42.3	-1 (-) +1	S		233	5	8	3	1	1	1		
	HKN	0	eP	59 51.3		S		252	9	7		1	1			
	TYOK	0	eP	05 00 08.5		S		372	8	8		1	1			
6	NGY	0	eP	11 09 31.2	(-) -1 +1	S		228	32	33	20	1	1	1		
	HKN	0	eP	09 37.2		iS		271	42	25	13	1	1	2		
	OSK	0	eP	09 55.4		S		390	27	27	8	4	4	1		
	TYOK	0	eS	10 36.0					19	9		1	1			
6	NGY	0	P	16 04 31.5	+1	S		233	10	12	6	1	1	1		
	HKN	0	eP	04 39.6		iS		25.8	14	9	3	1	1	1		
6	NGY	0	eP	19 06 33.0	+1 +1 -1	S		230	10	18	6	1	1	1		
	HKN	0	eP	06 40.3		iS		262	14	9		1	1			
	TYOK	0	eP	06 56.9		eS		402	10	5		1	1			

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				
	OSK	0	X	07 38.2				9	11	3	4	4	2			
6	NGY	0	P	19 08 47.2	+8 +10 -8	S		232	58	72	31	1	1	1		松代付近
	HKN	0	P	08 53.9		S		26.6	64	70		2	1			Near Matsu-
	OWS	0	P	09 03.7		S		47.9	7	5	5	2	2	2		shiro
	KYT	0	iP	09 04.3	+2 +4 -3	iS		31.7	16	10	7	2	1	3		{ 366° N
	NR	0	eP	09 05.9												{ 1382° E
	TYOK	0	eP	09 09.4		eS		41.1	42	24		1	1			{ 0 Km
	OSK	0	eP	09 10.8		eS		39.6	67	89	28	3	5	3		(J.M.A)
	KOB	0	eX	09 15.0												
	TKSM	0	eP	09 17.5		eS		48.7								
	SMT	0	iP	09 19.8	-1 (-) +1	S		45.4	6	5		6	5		iX	3.7
	WKYM	0	eP	09 22.5		eS		42.8	17	8		1	1			
	SMSK	0	eP	09 24.2		eS		46.5	8	7	6	2	3	2		
	OKYM	0	eP	09 27.2		eS		54.4	10	10	10	3	5	4		
	TKMT	0	eP	09 30.7		eS		53.0	7	6		6	6			
6	NGY	0	eP	19 53 18.0	-1 -1 +1	S		232	6	11	3	1	1	1		
6	NGY	0	eP	20 32 20.7	-1 -1 +1	S		237	5	8	2	1	1	1		
7	NGY	0	iP	22 34 15.6	-1 +1 +2	eS		9.6	7	12	4	0	0	0		
8	NGY	0	iP	07 46 53.7	-1 +1 +4	iS		8.7	12	14	5	0	0	0		
9	NGY	0	eP	02 04 14.0		eS		380	8	6	3	2	2	1		
9	TRGS	0	eP	08 39 07.5												
10	TRGS	0	eP	09 52 01.9												
11	NGY	0	eP	23 22 09.0	-1 (-)				10	11	4	2	2	2		Kamchatka
	KYT	0	eP	22 15.0					5	4	3	2	2	2	eX	{ 49° N
	SIG	0	eP	22 20.0	(-)(-)(+)				4	5		2	2			{ 160° E
	OSK	0	eX	22 20.1					27	27	20	5	5	3	eX	{ 3 51.8
	HKN	0	eS	22 23.3					9	8	6	2	2	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			Amp.(μ)						Period(sec.)		
							m	s		N	E	Z				N	E	Z
	KOCH	0	eP	22:38.5		eS	4	72	3	4	18	20						
	HMD	0	eP	22:38.8					3	3	5	2	4	4				
12	WKYM	0	P	22:51:53.6		S		0.7	4	6	-	-						
13	WKYM	0	P	07:50:08.8		S		1.0	7	14	-	-						
14	KOCH	0	iP	17:36:26.7		iS		10.8	3	4	0	0						
14	NGY	0	eP	19:37:03.0	(+) (-) +1	S		2.34	5	8	2	1	1	1				
	TYOK	0	X	38:06.2					5	7	1	1						
14	NGY	0	eP	20:33:19.2	+1	S		2.24	4	6	2	1	1	1				
14	NGY	0	eP	22:24:46.5	+1 -1	S		2.27	16	19	5	1	1	1				
	HKN	0	eP	24:54.5		S		25.7	13	13	5	1	1	2				
	TYOK	0	eP	25:09.7		eS		40.2	8	6	1	1						
	OSK	0	eX	25:49.3					10	6	5	3	2	2				
14	NGY	0	P	23:14:07.6	+2	S		2.24	15	18	8	1	2	1				
	HKN	0	P	14:14.6		eS		24.6	11	11	4	1	1	2				
	TYOK	0	eP	14:31.3		eS		40-	11	4	1	1						
	OSK	0	X	15:13.6					12	1	6	3	4	3				
15	NGY	1	iP	02:00:22.4	+1 -1 +4	S		26.8	95	110	35	1	1	1				
	OWS	0	P	00:26.1		S		29.3	10	10	8	10	10	6				
	HKN	0	P	00:31.5		S		35.2	140	110	41	1	1	1				
	SMSK	0	eP	00:31.7		eS		32.2	15	16	6	8	11	3				
	NR	0	eP	00:33.5		eS		32.8										
	KYT	0	iP	00:34.5	(+) -1 +1	iS		36.4	21	24	9	2	1	1				
	OSK	0	P	00:35.7	+2	S		34.7	110	140	39	4	5	2				
	WKYM	0	P	00:40.1		S		36.2	35	30	1	1						
	KOB	0	eP	00:40.2		eS		36.8										
	MIZR	0	eP	00:41.1		eS		39.4										
	SMT	0	P	00:42.4	(-) (-) +1	S		38.1	13	9	7	7	2	4				

三宅島付近
S off
Honshu
342° N
139.1° E
20 Km
(J.M.A.)

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
	TYOK	0	P	00:46.5	(+) (-)	eS		44.2	130	100	26	1	1	1				
	TKSM	0	eP	00:47.3		eS		42.5										
	TKMT	0	eP	00:51.9		iS		45.3	13	11	5	11	1	1				
	OKYM	0	iP	00:53.6	(-) (-) (-)	iS		49.2	12	20	18	0	7	5				
	TRGS	0	P	00:54.4														
	KOCH	0	eP	00:58.2		eS		59.8	10	9	8	7						
	TTR	0	eP	01:00.6		eS		1	155									
	SIG	0	P	01:05.9	(+) (-) (-)	S		1	177	16	14	4	4	L 5 27.5				
	MTYM	0	eP	01:08.3		eS		1	07.3	10	7	5	3	4	6			
	MTE	0	eP	01:09.4		eS		1	162									
	HRSM	0	eP	01:09.7					8	4	4	11	6	10	eX 1 20			
	HMD	0	P	01:15.7	-1 +1	S		1	06.2	6	4	3	7	8	4			
15	NGY	1	iP	02:04:28.4	+1 -20 +10	iS		23.6	160	190	60	1	1	1				
	OWS	0	P	04:31.5		S		36.5	10	8	9	9	7	7				
	HKN	0	P	04:37.2		S		31.7	210	140	67	1	1	2				
	NR	0	eP	04:37.9		eS		30.0	100	50	50	0	0	0				
	SMSK	0	eP	04:38.9		eS		33.3	17	18	11	11	5					
	KYT	0	iP	04:40.2	+2 -5 +2	iS		35.8	35	26	14	2	2	1				
	OSK	0	iP	04:40.6	+13	S		33.7	150	200	87	3	3	2				
	KOB	0	P	04:45.4		eS		35.6										
	WKYM	0	P	04:45.4		S		35.7	36	29	1	1						
	MIZR	0	eP	04:46.4		eS		38.3										
	SMT	0	P	04:47.6	-1 -2 +4	S		38.2	16	11	10	7	4	5				
	TYOK	0	P	04:51.5	(+)	eS		46.1	130	96	31	1	1	1				
	TKSM	0	eP	04:52.9		eS		43.6										
	MTE	0	eP	04:54.8		eS		1	16.1									
	TKMT	0	eP	04:57.4		eS		44.6	17	16	5	6	1	6				

三宅島近海
S off
Honshu
340° N
139.1° E
20 Km
(O.M.O)

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			
	OKYM	0	iP	04:58.7	(+)(+)(+)	iS	47.5	25	20	20	1	7	5		
	TRGS	0	P	04:59.1											
	KOCH	0	eP	05:04.6		eS	56.0	8	10		4	4			
	TTR	0	eP	05:06.2		eS	1 05.8								
	HRSM	0	eP	05:15.7				12	5	5	11	5	5	eX	1 10
	HMD	0	eP	05:21.2		eS	1 4.7	8	5	5	11	9	4		
15	WKYM	0	eP	06:04.0	12	eS	5.9	10	14		-	-			
15	WKYM	0	P	08:01.5		S	0.5	26	26		-	-			
15	HKN	0	eP	08:01.5		S	22.0	8	5	3	1	1	2		
15	WKYM	0	P	14:30.5		S	5.7	11	8		-	-			
15	OSK	0	X	23:53.1				11	8	10	3	3	3		
16	UWJM	0	eP	22:07.3										eX	310
	MTYM	0	eP	07:43.3		eS	47.3	13	10	10	1	1	2		屋久島近海
	HRSM	0	eP	07:44.4		eS	45.0	3	6	7	2	2	2		S off
	KOCH	0	eP	07:44.7		eS	1 03.9	9	9		2	2			Kyūshū
	HMD	0	eP	07:50.5		S	48.8	4	6	4	5	4	5		30.4°N
	TKMT	0	eP	07:52.3		eS	51.4	9	9	3	3	1	1		130.9°E
	OKYM	0	iP	07:54.0	(-)(-)(-)	eS	54.5	18	10		1	0			
	TKSM	0	eP	07:55.7		eS	53.0								
	SMT	0	iP	07:59.7	-1 -1 -1	eS	1 26.2	6	4	3	3	3	3	iX	56.5
	TYOK	0	P	08:11.8	(-)(+)(-)	eS	1 29.2	27	21	3	1	1	2		
	SIG	0	eP	08:16.5	(-)(-)(-)			5	7	4	3	2	2		
	OSK	0	eX	08:44.3				23	15	13	3	2	2	X	1 8.3
	HKN	0	eP	09:32.9		eS	45.6	10	11	3	2	1	3		
	NGY	0	eP	09:45.6				6	7	2	3	1	1		
16	WKYM	0	P	22:50.3		S	0.6	3	4		-	-			
16	WKYM	0	P	23:53.3		S	1.2	3	8		-	-			

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			
17	WKYM	0	P	01:06.3		S	15	3	5		-	-			
17	WKYM	1	P	01:36.5		S	10	35	57		1	1			
17	WKYM	0	P	02:43.0		S	0.9	5	7		-	-			
17	NGY	0	eP	09:59.5		eS	39.5	70	73	32	2	2	2		
	HKN	0	P	10:00.1		eS	51.9	45	40	18	1	1	1		銚子付近
	OVS	0	P	00:04.5		S	46.5	5	6	4	3	3	2		Chiba Pref.
	KYT	0	eP	00:06.0		eS	58.6	14	10	6	2	2	4		35.6°N
	NR	0	eP	00:06.8				100			1				141.0°E
	OSK	0	eP	00:09.9		eS	58.2	94	50	33	2	3	2		20 Km
	SMT	0	P	00:16.9	(+)	S	1 09.2	7	5	5	4	3	4	iX	17.8
	KOB	0	eX	00:17.1											
	WKYM	0	eP	00:19.1		eS	53.8	13	12		1	1			
	TKSM	0	eP	00:21.0		eS	1 08.0								
	OKYM	0	iP	00:26.2	(+)(+)	eS	1 21.0	10	10		7	7			
	TKMT	0	eP	00:26.9		eS	1 05.0	6	4	1	4	2	1		
	KOCH	0	eP	00:37.9		eS	1 23.9	4	5		2	2			
	TRGS	0	P	00:42.6											
17	NGY	0	eP	22:27.2	+1 (+) -1	S	22.9	4	7	2	1	1	1		
	HKN	0	P	27:54.1				8	5	2	1	1	1		
19	UWJM	1	eP	09:56.5		iS	10								
19	NGY	0	eP	15:29.0		eS	24.0	5	6	2	1	1	1		
	HKN	0	eP	29:15.0		S	25.2	7	6	2	1	1	1		
	TYOK	0	X	30:09.4				6	7		1	1			
19	NGY	0	eP	19:28.5		S	20.2	7	8	4	1	1	1		
	HKN	0	eP	29:03.1		S	24.9	8	8	3	1	1	1		
19	NGY	0	eP	22:51.3		S	23.3	11	15	8	1	1	1		
	HKN	0	eP	51:47.2		S	26.5	15	17	4	1	1	1		松代付近

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				
	TYOK	0	eP	52:02.5		eS	40.1	8	8	1	1			Near Matsush		
	OSK	0	eS	52:44.8				9	13	3	4	4	2			
20	WKYM	1	P	07:56:48.3		S	71	50	88	50	1	1	1	和歌山県		
	SMSK	1	P	56:49.0		S	84	73	38		0	0		部		
	SMT	0	P	56:49.6	+1	+2	iS	96	24	8	4	0	0	0	Central	
	OVS	0	P	56:50.0		S	84	47	42	19			1	part of		
	NR	0	eP	56:51.0		iS	120							Wakayama		
	TKSM	0	eP	56:54.1		iS	9.8							Pref.		
	TKYM	0	eP	56:56.7		iS	15.0	14	15	3	1	1	1	34.0° 135.5° 40 Km (O.M.O.)		
	OSK	0	S	57:02.5				8	8	3	1	1	1			
	HKN	0	eP	57:02.6		iS	16.8	11	8	3	1	1	1			
	OKYM	0	eP	57:04.0		iS	16.0	12	6	7	0	0	1			
	NGY	0	eP	57:22.5		eS	27.5	6	10	2	1	1	1			
	TYOK	0	P	57:24.5				8	9		1	1				
20	TRGS	0	P	09:08:33.7												
20	NGY	0	P	09:31:09.6		+2	iS	234	66	88	28	2	1	1	松代付近	
	HKN	0	P	31:14.6		iS	29.6	66	63	29	1	1	1	Near		
	KYT	0	eP	31:27.0	+1	+1	-1	iS	303	17	11	5	2	8	6	Matsush
	OVS	0	P	31:28.0		S	40.2	10	6	7	2	3	2	366° 1382° 0 Km (J.M.A.)		
	NR	0	eP	31:28.1												
	TYOK	0	eP	31:32.0		eS	40.1	31	23	6	1	1	3			
	OSK	0	P	31:33.7		+5	S	39.8	97	76	33	4	5	2		
	SMSK	0	eP	31:36.8		eS	55.8	11	11	6	2	2	2			
	KOB	0	eX	31:37.5												
	WKYM	0	eP	31:43.8		eS	38.8	12	12		1	1				
	SMT	0	eP	31:44.1		S	45.0	8	9	4	6	2	3			
	TKSM	0	eP	31:44.1		eS	49.2									

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			
	OKYM	0	eP	31:48.0		iS	54.5	15	12	10	1	2	1		
	TRGS	0	eP	32:00.2											
	KOCH	0	eP	32:09.1		eS	1	20	6	6	2	2			
	HRSM	0	eX	33:21.2				4	3	5	4	2	4		
20	NGY	0	eP	09:50:57.9		S	22.9	6	7	2	1	1	1		
20	HMD	0	P	18:20:03.4	+1	-1	+2	4	16.0	3	2	5	3	2	2
21	TYOK	0	eP	03:07:05.1	(-)	(-)	(-)		6	5	1	1			
	HKN	0	P	07:12.6				7	6	3	1	2	1		
21	NGY	0	eP	10:51:43.5	+1	(+)	-1	S	21.3	4	7	3	1	1	1
	HKN	0	P	51:53.6		S	22.8	5	7	3	1	1	1		
21	SMT	0	P	19:12:23.0		S	9.9	6	4	1	0	0	0		
	WKYM	0	P	12:23.1		S	5.4	24	30	11					
	TKSM	0	eP	12:24.1		iS	9.2								
21	KOB	0	eS	22:11:33.7											
	NR	0	eP	11:35.9		iS	6.7								
21	NGY	0	eP	22:48:43.8		(-)	S	23.6	13	14	8	1	1	1	
	HKN	0	eP	48:52.3		S	25.1	17	14	7	1	1	1		
	TYOK	0	eP	49:09.6				11	8		1	1			
22	KOB	0	eX	07:22:15.1											
22	NGY	0	eP	17:27:55.8		-1	S	22.6	8	11	6	1	1	1	
	HKN	0	eP	28:04.2		S	24.8	11	11	3	1	1	1		
23	NGY	0	eP	01:44:12.6		-1	eS	41.8	10	13	5	2	2	1	
	HKN	0	eP	44:22.3		eS	40.6	13	10	4	1	1	2		
	TYOK	0	eP	44:34.3		eS	1	00.8	9	9	1	1			
23	HKN	0	eP	02:23:22.6		S	26.1	10	6	3	2	2	1		
23	NGY	0	eP	09:11:52.5		S	22.7	10	9	2	1	1	1		
	HKN	0	eP	12:03.6		S	21.2	9	8	3	1	1	1		

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Pha.					
							N	E	Z	N	E	Z			
23	WKYM	0	P	17:01:33.9		S	18	19	31	-	-				
	SMT	0	eP	01:36.3		iS	38	7	4	1	0	0	0		
23	OVS	0	P	17:41:01.7				4	6	4	7	9	8		
	KYT	0	eP	41:14.5				5	3	4	8	8	8	eX 1 583	
	SMT	0	eP	41:24.9		eS	1 57.9	5	5	5	7	7	8		
	KOCH	0	eX	43:49.9				5	4		10	11			
23	HKN	0	eP	20:22:16.7		S	20.7	5	9	2	0	1	1		
24	HKN	0	S	16:36:30.5				9	11	3	1	1	1		
25	HGY	0	eP	02:55:39.6	-1 (-) +2	S	232	26	25	11	1	2	1		
	HKN	0	eP	55:46.4		S	25.7	27	18	10	1	1	1		
	KYT	0	eP	55:50.6		iS	38.6	6	5	3	2	2	1		
	TYOK	0	P	56:03.4		S	40.3	15	6	3	1	1			
	OSK	0	eX	56:41.9				18	17	8	4	3	2		
25	NGY	0	P	05:57:32.7	-1 -1 +1	S	233	44	60	22	2	1	1		
	HKN	0	eP	57:39.7		S	26.9	59	41	12	1	1	2		
	KYT	0	eP	57:44.2		iS	38.3	11	7	5	1	1	8		
	KOB	0	eX	57:52.1											
	TYOK	0	eP	57:55.6		eS	41.1	18	18	3	1	1	1		
	NR	0	eP	57:56.7											
	OSK	0	X	58:35.8				38	50	12	4	5	3		
25	NGY	0	eP	08:15:25.8		eS	28.6	7	10	3	1	1	1		
	TYOK	0	eP	16:03.1		eS	48.3	7	4		1	1			
	HKN	0	eS	16:17.3				9	8	3	1	1	1		
25	NGY	0	eP	11:06:30.0		S	19.2	6	6	2	1	1	1		
25	NGY	0	eP	11:28:02.7		eS	20.5	7	7	4	1	1	1		
	HKN	0	iS	28:33.2				8	7	3	1	1	2		
25	NGY	0	eP	20:30:42.9		S	21.9	5	6	3	1	1	1		

松代付近
Near
Matsushiro
{ 36.5° N
138.7° E
10 Km
(J.M.A.)

茨城県西
Ibaraki
Pref.

Date	Station	S.I.	Pha.	Time (J.S.T.)	Initial Motion(μ)	Pha.	Max. Amplitude						Pha.	p-Pha. m s	Remarks
							p-Pha.			Pha.					
							N	E	Z	N	E	Z			
26	WKYM	1	iP	02:38:22.3		iS	12	31	10	-	-				
26	HKN	3	P	07:49:51.5		S	38	180	1200	500	1	1	1		
	NGY	3	iP	49:53.2	+6-5-63	iS	5.0	180	260	140	1	1	1		
	KYT	1	eP	49:58.7	+15+19-22	iS	93	180	270	85	0	0	0		
	NR	2	iP	50:01.3	-2-2+10	iS	11.6	400	350	25	0	0	0		
	MIZR	0	iP	50:01.5	-2+6-10	iS	12.5	110	96	34	0	0	0		
	OSK	1	P	50:05.0	+5	iS	14.1	190	130	100	1	1	2		
	OVS	0	iP	50:07.5	+22+8(-)	iS	18.5	23	48	31	1	1	1		
	KOB	1	eP	50:08.8		iS	27.1	250	200	200	1	1	1		
	TYOK	1	P	50:11.2	+1-10+7	S	18.9	600	600	400	1	1	1		
	SMT	0	P	50:13.6	-1(-)+1	eS	21.4	29	24	17	1	1	4	eX 0.9	
	HMJ	0	P	50:14.0	-4-14+13	S	19.8								
	WKYM	0	iP	50:14.2		iS	20.3	88	70		1	1		iX 4.3	
	SMSK	0	P	50:17.8	-1(-)+2	S	26.6	35	37	35	1	1	2		
	TTR	0	eP	50:18.6		eS	25.4	50	50		1	1			
	TKSM	0	eP	50:20.6		iS	26.9								
	OKYM	0	eP	50:21.2	(+)(+)	iS	28.0	12	100	35	1	2	3		
	TKMT	0	eP	50:21.7		eS	31.5	51	42	24	1	1	2		
	YNG	0	iP	50:26.9	+2	eS	32.8								
	SIG	0	iP	50:28.2	(-)+1(-)	iS	41.4	13	14	8	2	1	1		
	KOCH	0	eP	50:32.8		iS	43.8	12	13		1	1			
	HRSM	0	P	50:39.8		eS	48.0	13	9	24	3	2	3		
	MTYM	0	eP	50:40.0		eS	52.3	19	23	9	1	1	1		
	MTE	0	eP	50:41.9		S	31.2								
	HMD	0	eP	50:42.9		S	53.9	10	7	12	3	3	4		
	UWJM	0	eP	50:45.5										eX 1 14	
26	SMSK	0	eP	10:16:20.2		iS	4.7	6	10		0	0			

伊吹山付近
W part of
Gifu Pref.
{ 35.4° N
136.5° E
15 Km
(O.M.O)

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
26	HKN	0	S	16:26:16.3					7	7		1	1					
26	TKSM	0	eP	17:01:08.3		iS			58									
27	NGY	0	eP	20:18:25.5		S			229	24	22	7	1	1	1			
	HKN	0	eP	18:34.1		iS			240	19	14	5	1	1	1			
	OSK	0	eX	19:24.6						7	9	3	4	5	2			
27	NGY	0	eP	22:03:24.6	+1 +1 -1	S			224	13	14	5	2	1	1			
	HKN	0	eP	03:33.0		iS			249	12	11	5	1	1	2			
	TYOK	0	P	03:48.2		S			40.1	11	6		1	1				
	OSK	0	eX	04:25.9						10	8	5	4	4	2			
27	SMSK	0	iP	22:58:57.8	+4 (-) +10	iS			88	10	16	7	1	2	1			
	TKSM	0	eP	59:10.1														
	WKYM	0	P	59:12.0	+8; +8	S			186	11	25		1	1				
	SMT	0	iP	59:14.8	(+) (-) +1	S			20.1	6	3	2	1	1	1			
	OSK	0	eP	59:16.4						8	12	6	2	5	2			
	OKYM	0	iP	59:24.5	(+) (+) (+)	iS			28.0	6	10	8	1	1	1			
	TYOK	0	P	59:30.8	(+)					9	9		1	1				
28	NGY	0	eP	05:16:43.2		+1 iS			6.8	8	13	3	0	0	0			
28	HMD	0	eP	09:07:13.3		eS			2	30.9	5	5	3	5	5	5		
	OSK	0	X	08:12.9						10	6	3	5	3	3	X 3 24.6		
28	WKYM	0	P	09:38:30.6		S			42	17	23							
	SMT	0	P	38:33.1	+1 +1	iS			6.4	13	10	2	0	0	0			
	TKSM	0	eP	38:34.6		iS			6.4									
	SMSK	0	eP	38:36.2		iS			10.0	11	21	6	1	0	1			
	NR	0	eP	38:42.4		eS			13.7									
	OKYM	0	eP	38:48.0		iS			160	5	20	5	1	1	1			
	TYOK	0	eP	38:55.4		eS			1	21.0	7	9	1	1				
28	NGY	0	eP	12:28:50.1		+1 S			239	10	10	5	1	1	1			

紀伊半島
S off Kii
Pen.
{ 328° N
1358° E
30 Km
(O.M.O)

和歌山県
部
Wakayama
Pref.
{ 339° N
135.1° E
15 Km
(O.M.O)

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
	HKN	0	eP	28:57.7		S			28.1	13	9	4	1	1	1			
28	NGY	0	P	14:21:54.2	+2 +2 -2	S			238	140	170	39	2	2	1			
	HKN	0	P	22:00.2		S			295	140	110	34	4	5	5			
	KYT	0	eP	22:06.1		eS			35.8	30	33	22	6	4	5			
	NR	0	eP	22:06.6						50	50	50	2	1	1			
	OWS	0	P	22:10.0		S			380	6	6	4	3	4	6			
	TYOK	0	P	22:16.-		S			41.-		14			4				
	OSK	0	P	22:17.5		-5 iS			391	240	350	73	5	5	4			
	KOB	0	eP	22:20.5		eS			450									
	SIG	0	eP	22:23.2	(-) (-) (+)	S			1	129	5	5	3	4	4	3		
	SMT	0	P	22:28.0		S			45.4	17	19	11	6	6	5	iX 18		
	TKSM	0	eP	22:28.3		eS			50.3	35	13	12	1	1	1			
	WKYM	0	P	22:28.6	+6 +8	S			400	14	24	6	6	7	4			
	SMSK	0	eP	22:31.7		iS			462	30	25	15	4	6	5			
	OKYM	0	eP	22:33.0		eS			55.0	20	16	2	5	6	5			
	TKMT	0	eP	22:35.0		eS			54.4									
	TRGS	0	eP	22:38.0		eS			1	04.9								
	HMD	0	eP	22:43.8		eS			45.7	8	5	6	5	5	4	iX 1 25.7		
	KOCH	0	eP	22:49.1		eS			1	05.9	12	15		3	3			
	HR SM	0	eP	22:59.-		eS			1	08.-	13	5	6	4	5	4		
	MTYM	0	eP	23:01.5		eS			1	07.5	21	11	4	6	5	5		
28	NGY	0	eP	22:34:19.5	-1 (-) +1	S			22.9	24	24	14	1	1	1			
	HKN	0	eP	34:28.4		S			25.4	23	23	7	1	1	1			
	TYOK	0	eP	34:43.7		eS			40.3	9	6		1	1				
	OSK	0	X	35:25.1						10	16	4	4	5	3			
29	KOB	0	eP	06:09:31.7		eS			4.0									
	KYT	0	eP	09:32.8		iS			4.2	10	6	2	0	0	0			

松代付近
Near Matsu-
shiro
{ 366° N
1382° E
0 Km
(J.M.A)

松代付近
Near Matsu-
shiro

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
								Amp. (μ)			Period(sec.)					
								N	E	Z	N	E	Z			
29	NGY	0	eP	12:48:21.9	+1 -1	S	22.9	5	7	3	1	1	1			
	HKN	0	P	48:29.1		S	25.9	7	6	3	1	1	1			
30	NGY	0	eP	02:00:04.2	+1	S	22.6	5	7	3	1	1	1			
	TYOK	0	eP	00:28.3		S	39.4	6	4		1	1				
	HKN	0	S	00:38.2				9	7	3	1	1	1			
30	NGY	0	eP	13:28:18.0	-1	eS	232	13	13	5	1	1	1			
	HKN	0	eS	28:48.5				8	9	4	1	1	1			
	TYOK	0	eS	29:20.7				8	9		1	1				
31	WKYM	0	P	15:45:17.4		S	0.9	35	23							
	SMT	0	P	45:20.9	(-) (+) -1	S	33	6	3	1	0	0	0			
31	WKYM	0	P	20:08:02.0		S	0.9	8	15							

Report of earthquakes
Station not equipped with Seismograph

昭和41年5月

May 1966

Date	Station		Prefecture	S.I.	Time J.S.T.	Earthquake sound
4	Shōbara	庄原	Hiroshima	I	13 ^h 44 ^m	
5	Tanabe	田辺	Wakayama	III	21 50	
	Kiyokawa	清川	"	II	50	
8	Sueno	末野	Hyōgo	I	02 45	heard
11	Hiwa	比和	Hiroshima	III	09 40	
11	Shōbara	庄原	"	I	16 28	
20	Kurisugawa	栗栖川	Wakayama	II	07 56	
	Ryūjin	竜神	"	II	57	heard
	Futatsuno	二津野	Nara	II	57	
	Kazaya	風屋	"	II	57	
	Shirahama	白浜	Wakayama	I	58	
21	Kiyokawa	清川	"	II	19 12	
	Kurisugawa	栗栖川	"	II	15	
	Shirahama	白浜	"	I	13	heard
23	Kibi	吉備	"	I	17 01	
23	Kiyokawa	清川	"	I	23 00	
26	Shigaraki	信楽	Shiga	III	07 50	
	Mandokoro	政所	"	III	50	
	Hino	日野	"	III	50	
	Ichiba	市場	"	II	50	
	Aburahi	油日	"	II	50	
	Echigawa	愛知川	"	II	50	

Date	Station		Prefecture	S.I.	Time		Earthquake sound
					J.S.T.		
	Tsuchiyama	土 山	Shiga	II	h	50 ^m	
	Kawakami	川 上	Nara	II		50	
	Sueno	末 野	Hyōgo	II		50	
	Yamato shinjyō	大和 新庄	Nara	I		50	
	Minakuchi	水 口	Shiga	I		50	
	Kita-komatsu	北 木 松	"	I		50	
26	Takano	高 野	Hiroshima	I	13	50	
28	Kibi	吉 備	Wakayama	I	09	38	
	Futatsuno	二 津 野	Nara	I		38	
29	Shōbara	庄 原	Hiroshima	II	07	35	
29	"	"	"	I	07	40	
30	"	"	"	II	03	25	
30	"	"	"	I	08	38	

Number of earthquakes

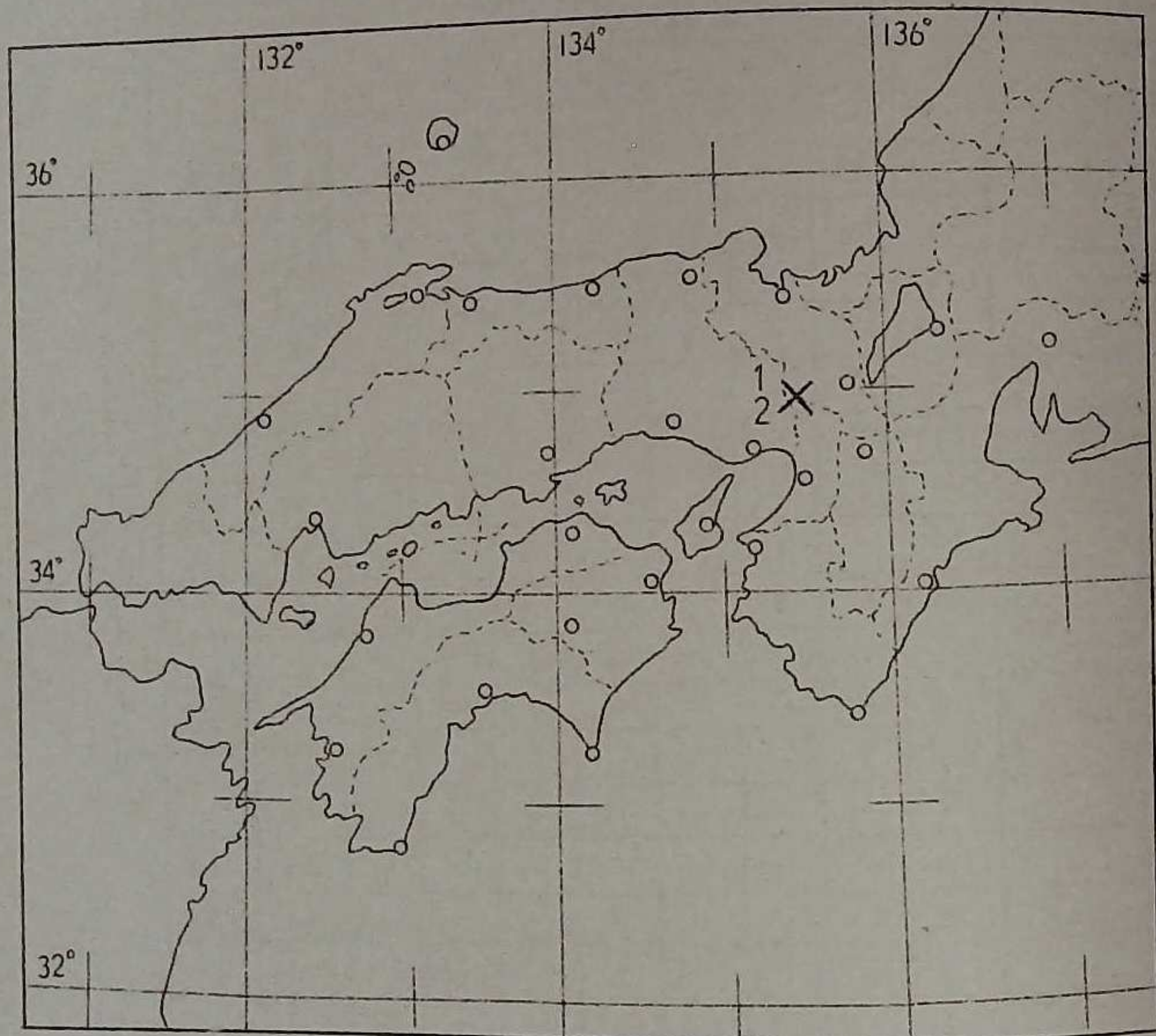


June 1966

Station	S.I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone		31	-	-	-	-	-	-	-	31	
Himeji		3	1	-	-	-	-	-	-	4	
Kōbe		9	1	-	-	-	-	-	-	10	
Kyōto		21	-	2	-	-	-	-	-	23	119
Maizuru		1	-	1	-	-	-	-	-	1	
Nara		14	-	-	1	-	-	-	-	15	
Ōsaka		26	1	1	-	-	-	-	-	28	
Shionomisaki		13	1	-	-	-	-	-	-	14	
Sumoto		19	1	-	-	-	-	-	-	20	130
Toyooka		24	-	1	-	-	-	-	-	25	
Wakayama		16	6	1	-	-	-	-	-	23	
Chūgoku District											
Hamada		9	-	-	-	-	-	-	-	9	52
Hiroshima		12	1	-	-	-	-	-	-	13	
Matsue		6	-	-	-	-	-	-	-	6	
Okayama		18	-	-	-	-	-	-	-	18	93
Saigō		12	1	-	-	-	-	-	-	13	35
Tottori		2	-	1	-	-	-	-	-	3	
Yonago		2	-	-	-	-	-	-	-	2	
Shikoku District											
Kōchi		1	-	-	-	-	-	-	-	1	
Matsuyama		12	-	-	-	-	-	-	-	12	
Murotomisaki		13	-	-	-	-	-	-	-	13	40
Shimizu		4	-	-	-	-	-	-	-	4	
Takamatsu		13	-	-	-	-	-	-	-	13	
Tokushima		14	-	-	-	-	-	-	-	14	
Tsurugisan		6	-	-	-	-	-	-	-	6	
Uwajima		4	1	-	-	-	-	-	-	5	

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

June 1966



June 1966

No.	Date	Origin time (J.S.T.)	Epicenter			Depth km	Max. S.I.
			Location	Lat. °N	Long. °N		
1	15	17 ^h 30 ^m	大阪府北部 N part of Ōsaka Pref.	34.9	135.4	10	II
2	29	21 22	"	34.9	135.5	10	III

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		Ar p.(μ)		Period(sec.)				
							m	s	N	E	Z	N			
2	SMT	0	F	12 36 30.9	(+)	iS	1.5	6	1	0	0				
2	MTYM	0	iP	13 15 57.5		eS	7.5	32	28	10	2	2	1		
	MRTM	0	eP	15 58.1	(+)	S	11.1		7						高知県 中部
	UWJM	0	iP	16 00.2		iS	11.2								S part of Shikoku
	TRGS	0	P	16 00.4		S	10.5								
	TKMT	0	eP	16 00.5		iS	11.3	16	26	11	1	1	1		33.6°N 133.4°E 40 Km (OMO)
	OKYM	0	iP	16 04.3	(+)(+)(-)	iS	14.8	25	25	5	1	1	1		
	HRSM	0	iP	16 04.6	-1 +1 -2	iS	13.7	16	12	8	0	0	0		
	TYOK	0	eP	16 39.1		eS	18.4	11	10		1	1			
2	TKSM	0	eP	14 16 05.0		eS	12.9								
2	NGY	0	eP	21 08 37.5		eS	22.5	9	8	5	1	1	1		
3	NGY	0	eP	23 37 44.4		eS	33.2	23	13	8	2	2	1		千葉県 北部
	HKN	0	eP	37 55.9		eS	38.3	24	18	8	1	1	1		Chiba Pref.
	TYOK	0	eP	38 14.				19	12		1	1			
	OSK	0	X	39 02.2				13	8	9	2	3	2		
4	KYT	0	eP	07 50 08.0		iS	4.6								
5	NGY	0	eP	06 56 43.2	+1 +1 -1	eS	22.8		9	3		1	1		
5	NGY	0	eP	08 52 07.5				16	10	5	3	3			
	HKN	0	P	52 13.1		S	3	17.2	13	7	5	5	4	3	
	KYT	0	P	52 17.5	+1 +1 (-)	S	3	05.1	10	10	7		6	5	四日 島
	TYOK	0	P	52 20.0	+2 +2 (-)	S	3	03.8	11	11	3	1	1	2	
	SIG	0	P	52 25.8	-3 -3 +3	iS	3	19.2	9	7	5	3	4	5	
	OSK	0	X	52 28.0		S	3	15.7	41	45	16	5	5	3	46°N 153°E 100km (JMA)
	SMT	0	F	52 29.1	(+)(+)(-)	iS	3	23.1	10	8	4	6	4	4	
	OKYM	0	eP	52 33.2		(+)	eS	3	27.2	4	10	8	4	4	6
	SMSK	0	P	52 34.2				14	7	4	5	4	2		
	TKMT	0	eP	52 34.8		eS	3	23.3	9	4	4	4			

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			
	MRTM	0	P	52 44.5	(-) eS		3 37.5	11	6	7	5	5	5			
	HMD	0	eP	52 45.7	eS		3 37.5	7	10	10	5	5	4			
	HRSM	0	eX	52 48.0				5	4	8	2	2	2			
	MTYM	0	eP	52 54.0	eS		3 36.0	15	5	6	5					
5	UWJM	0	eP	16 02 31.5	iS			13.1								
	HRSM	0	eP	02 34.0	eS			16.2	6	9	5	0	0	0		
	MTYM	0	eP	02 35.0	eS			14.8	12	12	4	1	1	1		
	OKYM	0	iP	02 48.9	(+) (+) (+) iS			15.0	10	11	5	0	1	1		
6	WKYM	0	P	01 09 44.5	S			3.1	17	9	-	-				
6	HMD	0	P	16 54 39.5	-1 +3 +5 eX			6 42.4	4	7	15	7	3	3	iX	2 41.3
	SIG	0	iP	54 42.4	(+) (+) (+) X			6 54.4	7	10	16	4	7	3	X	2 43.6
	HRSM	0	X	54 44.5					4	5	9	4	4	4	X	3 08.0
	MTE	0	eP	54 47.5												
	MTYM	0	eP	54 50.5	eS			6 52.5	6	5	4	5				
	OKYM	0	iP	54 51.0	+3 +6 eS			7 02.0	0	10	30	2	4	3	pP	49.0
	TKMT	0	eP	54 54.2	-2 +6 +2 eS			6 58.2	0	16	17	2	2	2	X	48.7
	TIOK	0	P	54 55.3	(-) +4 (+) S			7 00.6	9	10	7	1	5	3	X	46.8
	TRGS	0	eP	54 56.2	eS			7 44.6							eX	2 44.6
	MR TM	0	iP	54 57.7	(-) (+) +1 S			7 02.3	4	9	17	3	2	3		
	TKSM	0	eP	54 57.8												
	SMT	0	iP	54 58.8	+4 +5 iS			7 03.0	2	13	19	4	4	4	iX	49.2
	WKYM	0	P	55 01.1	S			7 03.5	7	6	-	-				
	KYT	0	eP	55 01.7	-1 +3 +4 eS			7 01.6	9	12	12	2	2	3		
	OSK	0	P	55 02.2	+16 eS			7 33.9	47	40	40	3	5	3	iX	48.6
	NR	0	eP	55 04.0												
	HKN	0	P	55 04.7	S			8 30.1	14	11	11	3	3	3		
	SMSK	0	iP	55 06.8	eS			7 07.3	6	9	24	2	3	2	X	48.8



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			
	NGY	0	P	55 07.8	+8			18	13	15	2	3	3			
	OWS	0	P	55 07.0	S		7 12.0	4	8	14	6	6	3			
6	NGY	0	eP	20 11 06.0	+2 +2 -1 iS			23.6	42	30	14	1	1	1		
	HKN	0	eP	11 13.8	S			26.7	23	17	11	1	2	1		
	KYT	0	eP	11 21.5	eS			30.5	8	5	2	2				
	TYOK	0	eP	11 29.4	eS			39.1	16	14	3	1	1	2		
	OSK	0	S	12 01.6				16	21	9	3	4	2			
7	OSK	0	eX	05 52 44.5				12	12	4	5	5	3			
7	NR	0	eP	20 11 25.1												
7	SMSK	0	iP	23 04 31.7	+17 (-) +16 iS			4 07.7	59	160	52	6	7	5		
	SMZ	0	iP	04 32.0	iS			4 08.4	23	15	6	8				
	MRTM	0	iP	04 33.4	+5 (+) +1 iS			4 09.0	36	36	41	9	7	5		
	UWJM	0	eP	04 33.7	eS			4 12.2								
	OWS	0	P	04 37.8					23	30	35	5	8	5		
	WKYM	0	P	04 40.8				4 19.7	13	31	-	-				
	TKSM	0	eP	04 40.8												
	SMT	0	iP	04 41.7	+10 -2 +13 eS			4 32.4	33	26	37	5	7	4	eX	6 01.-
	TKMT	0	iP	04 42.6	+9 -3 +5 eS			4 03.5	22	30	18	21	21	5	eL	5 53.8
	MTYM	0	iP	04 44.0	+16 -1 +21 eS			4 28.3	40	25	51	6	9	6		
	NR	0	eP	04 44.2												
	OSK	0	iP	04 44.4	+18 -5 +22 eS			4 18.4	190	190	68	4	3	2	eL	5 59.-
	TRGS	0	iP	04 44.6				4 13.3								
	KOB	0	eX	04 45.1												
	OKYM	0	iP	04 46.0	+4 -2 +12 eS			4 23.0	30	70	70	4	7	4		
	HRSM	0	P	04 47.0	+11 -3 +20 eS			4 18.-	31	17	42	6	8	5	X	5 54.-
	NGY	0	P	04 47.1	+10 -1 +13				46	46	47	3	3	5		
	HMJ	0	P	04 47.2												

Algarve
stan
36.3°
71.2°
225km
(USGS)

Caroline
Is.

11.3°N
139.6°E
50km

(USGS)

Date	Station	SI	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)					
							m	s		N	E	Z			
	KYT	0	iP	04 47.2	+2 -1 +1	eS	4	8.0	14	27		9	5		
	HKN	0	P	04 49.7		S	4	21.1	68	32	40	5	4	5	
	HMD	0	P	04 51.7	+8 -2 +2	S	4	18.1	19	18	32	5	7	5	eL 6 43.3
	TYOK	0	P	04 53.6	+3 -1 (+)	eS	4	23.3	29	54		7	7		
	TTR	0	P	04 54.5		+4 eS	4	28.0							
	MTE	0	eP	04 55.0		eS	4	40.8							
	SIG	0	iP	05 01.2	+1 (-) +1	S	4	34.8	28	19	28	4	6	5	L 7 23.7
9	NGY	0	eP	06 36 26.7	+1 -2 +2	S		25.9	11	9	6	1	1	1	
	HKN	0	eP	36 45.8		eS		29.2	11	8	3	2	1	1	
	OSK	0	eX	37 44.7				10	11	3	3	4	1		
9	NGY	0	P	21 07 21.2	-2 -2 -4	iS		9.6	16	12	15	1	1	0	
	HKN	0	eP	07 30.6		eS		16.3	23	19	5	1	1	1	
	NR	0	eP	07 33.4		eS		17.6							
	KYT	0	eP	07 37.3		eS		16.2	5	4	1	1	0	0	
9	NGY	0	eP	22 10 36.0		S		29.4							
	HKN	0	eP	10 47.8		eS		27.5	9	9		1	1		
10	NGY	0	eP	10 55 21.2		S		22.4	12	11	6	1	1	1	
	HKN	0	eP	55 29.7		eS		23.9	13	14	5	1	1	1	
10	NGY	0	eP	18 10 21.9	-1 -1 +1	S		22.1	13	10	8	1	1	1	
	TYOK	0	eP	10 49.8		S		38.0	10	6		1	1		
11	KYT	0	eP	02 26 06.2		iS		22.0	10	19	5	0	0	0	
11	NGY	0	P	12 06 02.8		+2 iS		22.6	57	52	23	1	1	1	
	HKN	0	eP	06 07.2		iS		28.0	45	45	21	1	1	2	
	NR	0	eP	06 18.8											
	KYT	0	eP	06 18.8		iS		33.2	10	8	3	2	0	6	
	OWS	0	P	06 19.0					6	4	4	2	2	3	
	TYOK	0	P	06 26.8		(+) S		39.4	27	23	4	1	1	1	

Date	Station	SI	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)					
							m	s		N	E	Z			
	OSK	0	eP	06 28.1		S		39.1	45	33	17	4	4	1	
	SMT	0	eP	06 31.6		eS		46.9	4	6	3	4	2	2	iX 78
	WKYM	0	P	06 36.4		S		39.9	9	7					36.6°N 138.2°E 4km (JMA)
	OKYM	0	eP	06 42.5	(+)	iS		52.9	10	6	5	0	4	4	
	SKSK	0	eP	06 42.7		eS		46.3		6	3	2	3		
11	NGY	0	eP	13 18 14.4		eS		23.2	3	9	3	1	1	1	
11	WKYM	I	iP	18 56 29.4		S		1.7	110						
	SMT	0	iP	56 32.2	+1 -1	iS		3.6	6	3	1	0	0	1	
12	NGY	0	P	09 43 39.2	+3 +2 -4	S		23.2	94	100	55	2	2	1	
	HKN	0	P	43 45.5		iS		27.8	110	100	39	1	1	1	
	KYT	0	eP	43 50.7		iS		38.8	16	15	7	2	2	2	
	NR	0	eP	43 54.7		eS		38.0							
	OSK	0	eP	43 56.0		eS		39.1	76	76	29	4	5	3	
	OWS	0	P	43 57.4		S		40.6	6	7	7	1	2	2	松代付近 Near Matsu- shiro
	TYOK	0	iP	44 03.2	(+)			25	37	7	1	1	1		
	SMT	0	P	44 03.4		eS		44.4	8	6	4	5	5	4	iX 13.0
	TKSM	0	eP	44 07.1											
	KOB	0	eP	44 17.1		eS		44.2							36.6°N 138.2°E shallow (JMA)
	SMSK	0	eP	44 15.8		eS		45.7	10	10	9	1	1	2	
	WKYM	0	P	44 16.3		S		38.7	16	9					
	OKYM	0	iP	44 18.9	(-) (+)	iS		56.5	10	10	10	1	3	4	
	MRTM	0	P	44 19.8		S		56.7	6	5	3	4	3	2	
	TKMT	0	eP	44 24.1		eS		47.6	6	6	2	2	2	1	
	MTYM	0	eP	44 51.4		eS		1	0	3	3	4			
12	UWJM	I	eP	16 21 06.1		iS		4.6							
12	HMJ	0	iP	16 52 01.2		iS		1.7							
12	WKYM	I	P	17 29 44.1		S		0.9	17						

Date	Station	SI	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
12	WKYM	0	P	19 01 53.9		S	0.6	22	22	-	-						
	SMT	0	iP	01 56.3	-1 +1 -1	S	4.5	6	3	1	0	0	0				
12	NGY	0	eP	20 28 22.4	+1 +1 -1	eS	22.8	8	8	4	1	1	1				
	HKN	0	eS	28 53.4				9	11		1	1					
12	WKYM	I	P	22 22 25.9		S	1.9	22	14	-	-						
13	WKYM	0	P	23 54 06.5		S	1.2	17	23	-	-						
14	MRTM	0	iP	03 17 45.1	(-) (-) (+)	S	7	23.6	6	5	5	6	5	3			
	SMT	0	P	17 48.1	+1 -2 +3	iS	7	26.9	7	4	5	5	5	3			
	OSK	0	P	17 48.3	+6	eS	7	26.3	47	39	11	5	5	3			
	KYT	0	iP	17 49.0	(+) (-) (+)	eS	7	26.0	5	3	5	6	5	4			
	OKYM	0	iP	17 53.2	(+) (-) (+)	eS	7	28.8	10	6	9	2	3	3			
	TYOK	0	P	17 55.6	+3 -1 (+)	S	7	32.4	7	4	2	6	1	3			
	HMD	0	eP	18 00.4				8	4	5	5	5	3	iX 7 39.6			
	SIG	0	iP	18 04.5	(+) (-) +1			8	4	7	7	4	2	eX 7 40.0			
15	SMSK	0	iP	06 04 59.7	+7 -5 +13	S	55.3	30	13	23	3	4	2				
	OWS	0	iP	05 02.0	+34 -20 (+)	S	56.6	16	13	30	2	2	1				
	WKYM	0	P	05 08.3	+21 -15	S	1	03.5	24	17	-	-					
	MRTM	0	iP	05 03.7	(+) (-) (+)	S	1	03.3	5	6	12	2	3	3			
	NR	0	iP	05 09.0	+9												
	NGY	0	P	05 09.4	+9 -3 +16	S	1	02.8	29	3	21	3	3	1			
	OSK	0	iP	05 10.6	+18 -7 +30	S	1	01.2	33	2	28	5	4	1			
	TKSM	0	eP	05 11.8		eS	1	00.4									
	SMT	0	iP	05 11.2	+6 -9 +16	S	1	00.1	10	10	17	1	2	2			
	KYT	0	iP	05 12.3	+3 -2 +6	iS	1	04.8	13	15	19	2	2	1			
	KOB	0	eX	05 12.6													
	HKN	0	iP	05 14.3	+43 -4	eS	1	00.1	65	34		2	2				
	TKMT	0	iP	05 15.3	+6 -13 +12	eS	1	08.6	10	16	17	1	1	2			

Sta. 59.0
12.2°
167.1°
259km
(USCGS)
鳥島近
s off
Honshū
30.7°
138.7°
397km
(USCGS)

Date	Station	SI	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
	OKYM	0	iP	05 19.5	(+) (-) (+)	eS	1	11.7	30	30	32	1	2	2			
	TYOK	0	P	05 21.1	+3 -11 +10	S	1	13.2	61	31	10	1	1	2			
	MTYM	0	eR	05 23.8		iS	1	15.0	8	4		3	3				
	HRSM	0	P	05 29.0	+2 -3 +6	iS	1	18.6	10	9		3	3				
	MTE	0	eP	05 31.8		eS	1	21.6									
	HMD	0	P	05 33.4	+1 -2 +3				8	12	12	3	4	3			
	SIG	0	iP	05 35.6	+6 -4 +5	iS	1	24.4	16	12	10	2	2	2			
15	NGY	0	eP	09 43 16.2	+1 +1 -1	iS		23.0	17	16	8	1	1	1			
	HKN	0	eP	43 26.0		S		23.9	11	16	5	1	2	2			
15	SMSK	0	eP	10 08 36.1		eS	7	04.2	41	48	8	21	19	20			
	OWS	0	P	08 38.0					33	26	25	16	20	16			
	MRTM	0	eP	08 43.8					26	20	18	15	15	19			
	NGY	0	eP	08 44.0										X 7 10.2			
	SMT	0	eP	08 44.7		S	6	54.7						X 7 15.0			
	OSK	0	P	08 46.4	+9	S	7	06.9	50	37	30	16	4	17			
	KYT	0	eP	08 47.1		eS	7	17.9	24	23	17	18	21	19			
	WKYM	0	eP	08 47.1		eS	7	17.9	24	23	17	18	21	19			
	KOB	0	eX	08 47.5					100	100		16	18				
	UWJM	0	eX	08 50.0													
	OKYM	0	eP	08 50.4		eS	7	21.6	20	40	50	16	22	16			
	TKMT	0	eP	08 50.5		eS	7	11.5	37	40	17	21	23	19			
	HKN	0	eP	08 51.5		eS	7	15.5	62	64	60	15	18	21			
	HRSM	0	eP	08 52.-		eS	7	25.-	28	27	39	27	28	24			
	MTYM	0	eP	08 54.1		eS	7	16.2	34	26	40	6	10	8			
	TYOK	0	P	08 56.4	(+) (-)	X	6	14.7	47	50	20	18	19	19			
	HMD	0	eP	08 57.6		eS	7	28.4						X 12 33.0			
	SIG	0	eP	09 01.6	(-) (+) (-)	S	7	30.-	32	29	15	17	17	20			

Solomon Is.
10.4°S
160.8°E
31km
(USCGS)

Date	Station	SI	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			
	MTE	0	eP	09 04.9		eS	7 33.6									
	SMZ	0	eS	14 50.0				31	15	19	14	15	16	eL		
	TRGS	0	eS	16 11.5												
15	KYT	II	eP	17 30 47.8		iS		30	140	160	30	0	0	0		
	KOB	I	iP	30 48.3	-12 +10	iS		4.7	50	50	30	1	1	1		
	OSK	I	eP	30 48.6		S		4.8	94	59	45	0	2	2		
	NR	0	iP	30 50.6		iS		6.3								
	HMJ	I	iP	30 53.1	+4 +10 -16	iS		8.0	76	18	11	-	-	-		
	WKYM	0	P	30 55.0		S		11.4	46	36		-	-	-		
	SMT	0	P	30 55.4	-2 -1 +4	iS		9.7	15	9	5	1	1	1		
	TYOK	0	P	30 56.3	(-) (+) (-)	S		9.6	120	88	29	1	1	1		
	HKN	0	eP	30 58.5		S		9.2	68	60	20	1	1	1		
	OWS	0	P	31 02.3		S		14.9	13	9	6	1	1	1		
	TTR	0	iP	31 02.8	-1 +1 -2	iS		16.2	100	150		4	5			
	TKSM	0	eP	31 03.9		eS		14.0								
	OKYM	0	iP	31 04.5	(+) (+) (-)	iS		16.1	86	150	25	1	0	0		
	TKMT	0	eP	31 05.1		eS		16.2	42	34	28	1	1	1		
	NGY	0	P	31 06.6	-3 -2	S		17.4	30	15	8	1	1	1		
	YNG	0	eP	31 11.3		iS		24.5								
	MTE	0	P	31 19.5		iS		24.2								
	YNG	0	eP	31 21.6	+1 -2 +3	iS		25.8	18	16	17	1	1	1		
	HRSM	0	eP	31 26.9		eS		24.	6	3	5	1	1	1		
	MTYM	0	eP	31 27.1		iS		32.5	6	8	3	1	1	1		
17	WKYM	I	P	21 36 37.5		S		0.6	27	46		-	-	-		
17	WKYM	I	P	23 48 44.4		S		0.8	57	43		-	-	-		
18	NGY	0	eP	16 45 01.8		S		9.8	14	9	7	0	0	0		
	HKN	0	S	45 28.8		S			14	6	3	1	1	1		

Date	Station	SI	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			
21	HMD	0	eP	05 02 05.8		S		4.1	6	12	2	0	0	0		
21	WKYM	II	P	18 17 16.9		iS		0.8	530	230		-	-	-		
	SMT	0	iP	17 21.3	-3 +2 -3	iS		3.6	33	17	7	0	0	0		和歌山 付近
	TKSM	0	eP	17 25.5		eS		8.1								Near Wakayama
	SMSK	0	eP	17 34.1		iS		9.3	9	5	4	1	1	2		34.2°N
	OSK	0	iS	17 35.1					13	19	5	2	3	2		135.1°E
	OKYM	0	eP	17 36.0	(+)	eS		16.0	13	20	5	1	1	0		0km (OMO)
	TYOK	0	eP	17 46.4					10	9		1	1			
	WKYM	0	P	20 36 51.2		S		4.9	24	43		-	-	-		C
	SMSK	I	eP	36 54.5	+3	iS		9.5	31			0				
	SMT	0	iP	36 55.2	+1 -1 +1	iS		7.8	14	9	5	0	0	1		和歌山県 中部
	TKSM	0	eP	36 56.4		eS		8.2								Central part of Wakayama Pref.
	OWS	0	P	36 58.2		S		10.2	18	8	5	-	-	-		
	OSK	0	eP	37 00.-		eS		11.-	9	8	5	1	1	1		
	TRGS	0	eP	37 01.0												
	NR	0	eP	37 02.6		eS		13.4								
	MRTM	0	eP	37 03.6		iS		14.4	5	5	3	1	1	1		
	TKMT	0	eP	37 04.9		iS		14.6	21	16	14	1	1	1		33.9°N
	KYT	0	eP	37 06.0		eS		17.0	5	5	2	1	1	1		135.3°E
	OKYM	0	eP	37 09.5		iS		17.8	26	22	6	1	2	1		20 km (OMO)
	HKN	0	eP	37 15.5		eS		20.8	15	10	4	1	1	1		
	TYOK	0	iP	37 16.9	(-)	iS		22.0	14	20		1	1			
	NGY	0	eP	37 24.0		S		21.8	5	6	2	1	1	1		
	SIG	0	eP	37 28.0	(-) (+) (-)	eS		36.0	3	5		1	1			
21	NGY	0	P	22 05 45.3	-2 -1 +2	iS		23.3	59	45	32	2	1	1		
	HKN	0	eP	05 51.0		eS		28.3	53	51	24	1	1	1		
	KYT	0	eP	05 57.3	(-) (-) (+)	iS		34.5	13	10	5	1	1	0		

大阪府
北部
N part of
Osaka
Pref.
34.9°
135.4°
10km
(OMO)

Date	Station	SI	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
	NR	0	eP	05 58.6		eS	38.0									
	OVS	0	P	06 02.4				5	4	3	2	2	2			
	OSK	0	eP	06 06.0		eS	38.7	46	44	14	4	4	2			
	TYOK	0	P	06 08.4	(-) (-) (+)	iS	41.3	43	23	7	1	1	1			
	SMT	0	eP	06 09.6		eS	48.1	6	4	2	7	3	2	eX	56.0	
	KOB	0	eX	06 14.-												
	WKYM	0	P	06 15.8		S	47.3	7	6							
	TKSM	0	eP	06 17.1												
	OKYM	0	eP	06 25.0		eS	54.8	6	10	10	3	4	4			
	SMSK	0	eP	06 26.2		eS	45.4	7	7	4	2	3	2			
22	TKSM	0	eP	15 47 45.1		iS	7.5									
	SMT	0	P	47 45.7	(+) -1	iS	8.7	7	4	2	0	1	1			
23	MTYM	0	eP	05 15 54.5		iS	10.3	7	5	1	1					
	HRSM	0	iP	15 54.6		iS	10.8	6	10	5	0	0	0			
23	MRTM	0	iP	05 36 06.5	(+) (+) (+)	iS	5	42.1	14	10	5	6	3	5		
	SMZ	0	iP	36 02.0		S	5	39.2	16	10	6	6	3	8	X	4 00.6
	MTYM	0	eP	36 11.0		eS	5	36.5	12	11	5	6				
	HRSM	0	eP	36 11.9		eS	5	40.6	10	17	9	6	4	4	eX	1 41.6
	SMSK	0	eP	36 12.1		eX	5	39.7	24	17	7			2	eX	4 04.9
	TKMT	0	eP	36 14.4					12	12	2	4	4	1	eX	4 11.5
	HMD	0	eP	36 14.4		eX	4	02.9	7	9	4	5			eX	1 49.5
	TKSM	0	eP	36 14.7												
	WKYM	0	P	36 15.3											eX	4 12.2
	OVS	0	P	36 16.0					12	9	5	8	8	7		
	SMT	0	iP	36 16.5	(-) (-) (-)	iS	5	44.3	24	16	11	7	4	5	iX	1 37.2
	OKYM	0	iP	36 17.0	(+)	(+) eS	5	51.0	20	25	28	4	4	4	PP	1 46.5
	OSK	0	P	36 19.9		-2 S	5	35.7	10	86	20	5	5	4	eX	4 13.9



Date	Station	SI	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
	KOB	0	eX	36 19.-												
	KYT	0	iP	36 23.0	+1 +1 +1	iS	5	54.9	16	14	7	6	4	6		
	TYOK	0	P	36 24.8		X	5	55.0	19	21	5	3			X	4 17.5
	NGY	0	P	36 25.5	+1 -1 -1				20	22	9	6	3	5	eX	1 50.5
	HKN	0	P	36 26.4					28	18	7	6	4	6	X	4 17.3
	SIG	0	iP	36 27.2	(-) (-) -1	iS	5	52.8	14	15	5	4			iX	1 53.2
23	WKYM	0	P	14 03 47.1												
	HKN	0	P	03 51.0		eS	1	41.2	7	6	3	1	1	1		
	TYOK	0	P	03 52.3	(-) (+)				9	13	1	1	1			
	SIG	0	iP	03 52.8	-4 -4				6	6	1	2				
	OSK	0	P	03 58.3	+3	eS	1	48.7	10	12	4	3	4	2		
24	WKYM	I	iP	03 33 05.9		iS		20	99	10						
	SMT	0	iP	33 11.3	-1 +1 -1	S		55	16	9	6	0	1	3		
	OSK	0	P	33 14.0	+5	S		78	14	25	8	1	4	2		
	KOB	0	eP	33 14.6	+2 -2											
	OVS	0	P	33 16.1		S		103								
	NR	0	eP	33 16.5		eS		92								
	TKSM	0	eP	33 16.5		iS		91								
	SMSK	0	eP	33 17.5		iS		96	11	14	4	0	0			
	KYT	0	iP	33 20.9	+1 +1 +1	eS		131	5	5	2	1	1	1		
	TKMT	0	iP	33 24.5	-1 +2 -1	iS		157	10	8	7	1	1	1		
	OKYM	0	eP	33 27.0		iS		190	12	16	5	1	1	2		
	MRTM	0	P	33 28.8	(+)	S		162	3	5	2	0	1	1		
	HKN	0	P	33 29.9		eS		172	24	25	8	1	1	1		
	TYOK	0	eP	33 30.8		eS		192	18	29		1	1			
	NGY	0	eP	33 35.4	+1 +1 -1	S		222	8	8	2	1	1			
24	NGY	0	eP	06 53 09.0					13	10	5	3	3	2		

Date	Station	SI	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			
	OSK	0	eX	54 17.0			10	10	6	3	3	2			
25	NGY	0	eP	07 03 07.2	+1	-1	S	22.8	6	8	4	1	1	1	
	HKN	0	eP	03 17.3			S	24.0	10	7		1	1		
	TYOK	0	X	04 07.6					8	10		1	2		
25	OSK	0	eP	10 47 59.0					13	12	6	5	5	3	eX 4 036
	NGY	0	eP	48 00.0					9	8	3	2	2	2	
26	NGY	0	eP	09 42 26.6	+1	-1	eS	22.6	8	7	3	1	1	1	
26	NGY	0	eP	12 32 31.6	+1	+1	-1	S	23.0	17	17	8	2	2	2
	HKN	0	eP	32 37.0			S	28.7	14	12	7	1	1	1	
	OSK	0	eX	33 33.9			S		14	12	6	2	3	2	
26	NGY	0	P	16 35 24.8	+4	+3	-4	S	21.2	69	77	47	1	1	1
	HKN	0	P	35 31.5			S	29.1	95	74	23	1	1	1	
	NR	0	eP	35 36.8			eS	37.0							
	KYT	0	eP	35 37.1			eS	35.7	14		7	1		5	
	OVS	0	P	35 43.8			S	40.8	6	7	6	2	2	11	
	OSK	0	eX	35 47.9					61	61	23	3	5	1	X 43.9
	TYOK	0	eP	35 48.7			S	41.7	28	50	9	1	1	1	
	KOB	0	eX	35 52.1											
	SMT	0	eP	35 56.5			eS	45.8	8	6	3	5	5	2	
	WKYM	0	P	35 59.0			S	45.3	17	9					
	SMSK	0	eP	36 00.2			eS	47.1	9	7	6	1	5	1	
	OKYM	0	eP	36 05.6			eS	52.0	10	10	10	2	2	3	
	MRTM	0	P	36 07.5					3	5	3	3	5	5	eX 12.5
	TKMT	0	eP	36 07.7			eS	56.8	7	6	1	2	1	1	
	TKSM	0	eP	36 15.0											
26	NGY	0	eP	18 02 04.5			S	22.7	6	5	4	1	1	1	
	HKN	0	S	02 39.1					7	7	2	1	1	1	

Date	Station	SI	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	NGY	0	eP	04 06 06.6		-1	S	21.6	17	22	11	2	2	1	
	HKN	0	eP	06 11.5			S	28.4	22	22	8	1	1	1	
	KYT	0	eP	06 17.1			iS	36.2	6		3	2		5	
	NR	0	eP	06 26.6											
	TYOK	0	eP	06 28.0			eS	42.3	16	10		1	1		
	OSK	0	X	06 36.6					30	28	11	4	5	2	X 1 075
27	NGY	0	eP	15 56 33.3	-1	-1	+1	S	23.1	7	5	3	1	1	1
27	SIG	0	iP	19 49 16.4	(+)	(+)	(+)	iS	1	40.9	4	5	10	10	eX 6 32.0
	OSK	0	eP	49 32.3					11	12	5	3	5	4	eX 18 075
28	NGY	0	eP	17 32 53.7	-1	-1	+1	iS	22.3	22	21	13	1	1	1
	KYT	0	eP	33 10.3			eS	30.4	5	4	2	1	1	2	
	TYOK	0	eP	33 13.5					13	6		1	1		X 44.4
	HKN	0	S	33 27.0					24	17		1	1		
28	NGY	0	P	18 11 03.6	+4	+4	-2	S	22.8	27	16	18	1	1	1
	NR	0	eP	11 19.9			eS	37.2							
	KYT	0	eP	11 20.4			eS	31.3	5	5	2	1	1	1	
	TYOK	0	eP	11 27.0	(-)	(+)	eS	41.3	25	21		1	1		
	HKN	0	S	11 37.9					32	32	8	1	1	1	
	OSK	0	eX	12 23.4							9			2	
29	HRSM	I	iP	03 36 54.5	+3	-3	-5	iS	2.0	25	15	23	1	0	1
29	HRSM	0	P	10 09 33.6	+2	-2	S	7.7	5	7	4	0	0	0	
29	OSK	II	iP	21 22 04.6			+4	iS	3.2	250	240	130	2	0	2
	KOB	II	iP	22 04.8	+1	-5	-22	iS	3.8	250	150	200	1	1	1
	KYT	II	iP	22 06.1	-27	-30	-70	iS	3.4	280	300	140	0	0	1
	NR	III	iP	22 07.3	+4	-15	-32	iS	5.4	350	150	100	1	1	1
	WKYM	0	iP	22 10.9	-34	-15		iS	8.6	100	91				
	HMJ	I	iP	2 11.5	+12	+33	-35	iS	8.0						





Report of earthquakes

Station not equipped with Seismograph

June 1966

昭和41年6月

Date	Station	SI	Pha.	Time (J.S.T.) h m s	Initial Motion (μ) N E Z	Pha.	Max. Amplitude						Pha.	p-Pha.		Remarks			
							p-Pha.			Ampl. (μ)				Period (sec)			m	s	
							m	s		N	E	Z		N	E				Z
	MIZR	II	iP	22 11.7	+25 -4 +22	iS	7.8	200	250	50	0	0	0						
	SMT	I	iP	22 12.3	-2 -1 +5	iS	9.0	49	60	19	2	2	3						
	HKN	0	iP	22 15.7	-19 -2 -15	iS	10.2	250	140	51	1	1	1						
	TYOK	II	P	22 16.5	+1 -1 (+)	iS	11.6	480	410		1	1							
	OWS	0	P	22 18.0		S	12.6	25	15	2			2						
	TKSM	0	eP	22 20.7		iS	14.7												
	TKMT	0	eP	22 22.2		iS	16.3	57	69	28	1	1	2						
	TTR	II	iP	22 22.3	-4 +4 -12	iS	15.6	50	100	30	1	1	0						
	OKYM	(I)	iP	22 22.5	+3 +15 -10	iS	16.6	140	120	40	1	1	1						
	TRGS	0	eP	22 23.0															
	NGY	0	P	22 24.0	(+) -4 -4	iS	16.8	51	37	15	1	1	1						
	SMSK	0	eP	22 24.7		iS	20.1	15	13	22	2	4	2						
	YNG	0	eP	22 31.5		iS	24.2												
	MRTM	0	iP	22 34.0	(+)(+)	iS	25.6	14	18	7	3	2	2						
	KOCH	0	iP	22 36.9		iS	25.1	83	61		1	1							
	MTE	0	P	22 38.0		iS	24.6												
	SIG	I	eP	22 42.6	(+)(-)	iS	25.2	50	92		1	1							
	HMSM	0	eP	22 42.8		eS	35.0	6	5	6	1	1	2						
	MTYM	0	eP	22 43.4		eS	33.0	13	12	6	1	1	1						
	HMD	0	P	22 44.9	-1 (+)	eS	37.1	6	3	5	2	1	2						
	SMZ	0	eP	22 58.6		eS	31.0	5	4	3	1	2	4						
30	SIG	0	iP	18 01 40.0	-1 (-) (-)	eS	1 28.8	4	6	3	2	2	2			Vladivostok			
	KYT	0	eP	01 56.5		iS	1 40.6	5	7	2	1	2	2						
	HKN	0	S	03 33.5				7	8	3	1	1	1						
	OSK	0	ex	03 44.0				15	15	4	3	4	2			(USCGS)			

34.9°
135.5°
10km
(OMO)

Date	Station	Prefecture	SI	Time (J.S.T.) h m s	Character of tremor	Earthquake Sound	Duration of tremor
	1 Kibi	吉備	Wakayama	I 03 ^h 29 ^m			
	2 Ōfuki	大保木	Ehime	II 13 16			
	13 Kiyokawa	清川	Wakayama	21 26			
	Ryūjin	竜神	"	23	heard		
	15 Sueno	末野	Hyōgo	II 17 30		heard	
	Nishiwaki	西脇	"	II 31			
	Rokutanji	六ヶ寺	"	II 31			
	Kaibara	柏原	"	II 33			
	Sanda	三田	"	II 34			
	Kameoka	亀岡	Kyōto	II 33			
	Sonobe	園部	"	II 31			
	Mizuho	瑞穂	"	II 40			
	21 Higashi-nogami	東野上	Wakayama	II 18 18		heard	
	21 Tanabe	田辺	"	II 20 37			
	Kiyokawa	清川	"	II 37			
	Kurisu-gawa	栗栖川	"	II 37			
	Shirahama	白浜	"	I 37			
	Higashi-nogami	東野上	"	I 37	heard		
	Futatsuno	二津野	Nara	II 38			
	Kōjin-dake	荒神岳	"	I 38			
	24 Kibi	吉備	Wakayama	III 03 33			
	Higashi-nogami	東野上	"	II 33	heard		

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Date	Station	Prefecture	S.I.	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
26	Kasumi	香住 Hyōgo	I	07 ^h 53 ^m			
26	Kiyokawa	清川 Wakayama	I	10 50			
27	Kibi	吉備 "	I	05 08			
29	Hatsuka-ichi	廿日市 Hiroshima	II	03 37		heard	
29	"	" "	I	03 39		heard	
29	"	" "	I	07 50			
29	Seranishi	世羅西 "	II	10 10		heard	
29	Kibi	吉備 Wakayama	I	16 31			
29	Sueno	末野 Hyōgo	III	21 23			
	Ikuno-minami	生野南 "	III	22			
	Rokutanji	六塔寺 "	III	22		heard	
	Izushi	出石 "	III	25			
	Shinjyō	新庄 Nara	III	22		heard	
	Kazaya	風屋 "	III	22		heard	
	Nakachō	中町 Hyōgo	II	22		heard	
	Kasumi	香住 "	II	22			
	Nishiwaki	西脇 "	II	23			
	Kamigōri	上郡 "	II	23			
	Akashi	明石 "	II	20		heard	
	Kaibara	柏原 "	II	23			
	Kameoka	亀岡 Kyōto	II	22			
	Sonobe	園部 "	II	22			
	Ayabe	綾部 "	II	22			
	Mineyama	峯山 "	II	22			
	Kyōgasaki	経ヶ岬 "	II	22			

International
Seismological
Centre

Date	Station	Prefecture	S.I.	Time (J.S.T)	Chara- cter of tremor	Earthquake Sound	Duration of tremor
	Ine	伊根 Kyōto	II	23			
	Aoya	青谷 Tottori	II	22			
	Shikano	鹿野 "	II	20			
	Kurosaka	黒坂 "	II	20			
	Agei	上井 "	II	22			
	Kita-komatsu	北小松 Shiga	II	22			
	Minakuchi	水口 "	I	22		heard	
	Aburahi	油日 "	I	22			
	Tatsuno	竜野 Hyōgo	I	22			
	Tsuyama	津山 Okayama	I	22			
	Naruto	鳴門 Tokushima	I	23			
	Sueno	末野 Hyōgo	I	45			

大阪管区
地震月報

昭和41年⁷/₈月

THE MONTHLY REPORT OF EARTHQUAKES

July 1966
August

大阪管区气象台

The Osaka

District Meteorological Observatory

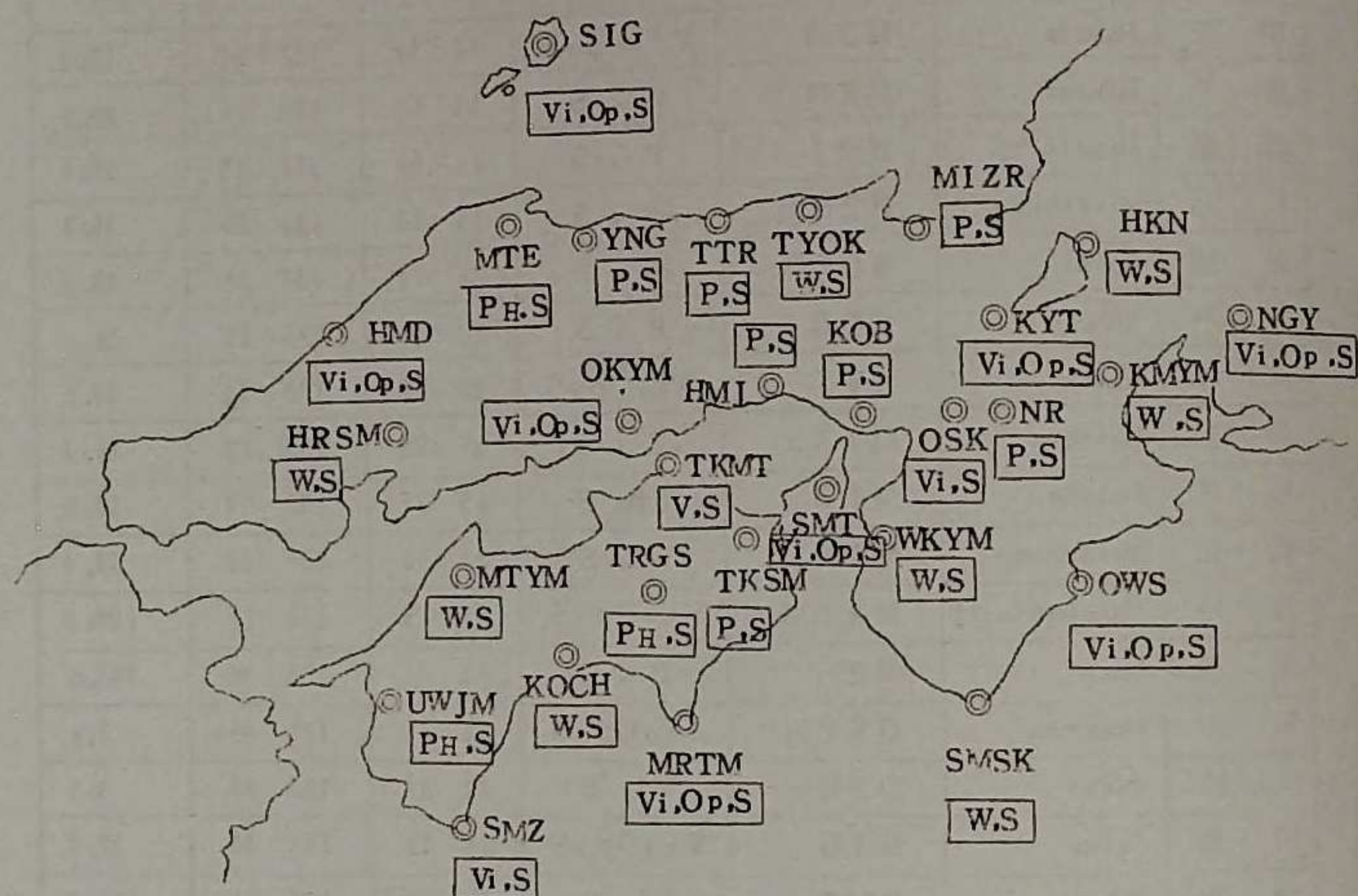
Japan

観測所一覧表

List of station

Station		Abbreviation	Seismo- graph	Lat, (N)	Long, (E)	Height (m)
浜田	Hamada	HDM	Vi,Op,S	34° 54'	132° 04'	13.3
彦根	Hikone	HKN	W, S	35 16	136 15	89.8
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	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	13.0
松山	Matsuyama	MTYM	W, S	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	Vi.Op.S	33 15	134 11	135.3
奈良	Nara	NR	P, S	34 41	135 50	105.0
岡山	Okayama	OKYM	Vi,Op.S	34 41	133 55	3.8
大阪	Osaka	OSK	Vi, S	34 39	135 32	5.1
西郷	Saigō	SIG	Vi,Op,S	36 12	133 20	27.7
清水	Shimizu	SMZ	Vi, 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	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
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"



- Op: Electromagnetic seismograph with optical recorder
($T_0 = 1.5 \text{ sec}$. $V = 500 \sim 1000$)
- 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 ($T_0 = 5 \sim 6$, $V = 1$)
- Vi: Electromagnetic seismograph with visible recorder
($T_0 = 5$, $V = 100$)

Number of earthquakes

July 1966

Station	S.I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone		13	—	—	—	—	—	—	—	13	
Himeji		0	—	—	—	—	—	—	—	0	
Kobe		3	—	—	—	—	—	—	—	3	
Kyoto		9	—	—	—	—	—	—	—	9	65
Maizuru		0	—	—	—	—	—	—	—	0	
Nara		5	—	—	—	—	—	—	—	5	
Osaka		12	—	—	—	—	—	—	—	12	
Shionomisaki		4	—	—	—	—	—	—	—	4	
Sumoto		9	—	—	—	—	—	—	—	9	136
Toyooka		9	—	—	—	—	—	—	—	9	
Wakayama		13	3	—	—	—	—	—	—	16	
Chūgoku District											
Hamada		3	—	—	—	—	—	—	—	3	42
Hiroshima		3	—	—	—	—	—	—	—	3	
Matsue		2	—	—	—	—	—	—	—	2	
Okayama		4	—	—	—	—	—	—	—	4	94
Saigo		4	—	—	—	—	—	—	—	4	13
Tottri		0	—	—	—	—	—	—	—	0	
Yonago		0	—	—	—	—	—	—	—	0	
Shikoku District											
Kochi		0	—	—	—	—	—	—	—	0	
Matsuyama		3	—	—	—	—	—	—	—	3	
Murotomisaki		5	—	—	—	—	—	—	—	5	28
Shimizu		3	—	—	—	—	—	—	—	3	
Takamatsu		4	—	—	—	—	—	—	—	4	
Tokushima		4	—	—	—	—	—	—	—	4	
Tsurugisan		4	—	—	—	—	—	—	—	4	
Uwajima		0	—	—	—	—	—	—	—	0	

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						P-Pha. m s	Remarks		
							p-Pha		Amp. (μ)			Period (sec.)				
							m	s	N	E	Z	N			E	Z
1	NGY	0	eP	05 32 58.8		S	22.8	14	18	6	2	2	2			
	HKN	0	eP	33 06.8		S	26.4	14	12	4	1	1	1			
	TYOK	0	eP	33 21.6		S	38.7	10	7	3	1	1	1			
	OSK	0	X	34 02.8				18	23	7	3	5	2			
1	SMZ	0	P	14 53 40.0		eS	2 06.0	11	13	13	5	4	5			
	HRSM	0	eP	53 42.1		eS	2 26.1	29	24	39	5	5	4		Formosa	
	MTYM	0	eP	53 43.3		eS	2 27.7	16	16	13	5	4	4			
	HMD	0	iP	53 46.0	+3 +3 +4	S	2 26.7	22	22	28	6	6	7		{ 24.8°N { 122.2°E { 50 Km (JMA)	
	TKMT	0	iP	53 49.8		iS	2 43.3	9	15	3	5	5	1			
	MRTM	0	iP	53 50.5	(-)(-)	eS	2 31.5	8	11	13	9	4	5			
	OKYM	0	eP	53 57.0		eS	2 43.0	10	10	20	2	5	4			
	MTE	0	eS	53 58.5												
	TKSM	0	eP	54 01.7												
	SMT	0	P	54 03.0	+1 +1 +2	eS	2 46.2	16	11	9	7	5	6	iX		6.1
	SMSK	0	eP	54 03.1		eS	2 41.8	7	7	4	3	5	3			
	KOB	0	eX	54 03.1												
	WKYM	0	eP	54 03.7		eS	2 42.3	4	6							
	OWS	0	P	54 05.0				5	7	7	4	5	4			
	SIG	0	iP	54 06.4	-1 -1 -2	S	2 34.4	27	20	30	3	3	3	iX		16.0
	TRGS	0	S	54 09.3												
	TYOK	0	eP	54 10.8		eS	2 58.9	21	17	5	1	1	6			
	OSK	0	eP	54 11.2		eS	2 50.8	66	79	17	5	5	2			
	KYT	0	iP	54 14.0	-1 -1 -2	eS	2 53.0	10	8	6	7	2	8			
	NGY	0	eP	54 20.7				14	16	9	3	3	4			
HKN	0	eP	54 25.1		S	3 00.1	14	12	4	1	1	1				
1	NGY	0	P	23 25 24.0	(-)	iS	3.6	12	12	14	0	0	0			
3	SMT	0	P	08 00 40.6	-1 +2	iS	10.2	5	2	2	0	0	0			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						P-Pha. m s	Remarks		
							p-Pha		Amp. (μ)			Period (sec.)				
							m	s	N	E	Z	N			E	Z
3	WKYM	0	P	11 01 28.0		iS	0.8	57	30		8	8				
	SMT	0	P	01 30.6	(-)(5)-1	S	4.0	12	9	2	0	0	0			
4	TKSM	0	eP	02 59 35.1		iS	3.7									
	TKMT	0	eP	59 35.2		iS	6.6	4	8	4	0	0	0			
	TRGS	0	eP	03 00 09.5		eS	2.5									
5	NGY	0	eP	03 40 27.9	(-)			9	9	4	4	3	2			
	KYT	0	eP	40 35.0		eS	5 38.0	6	5	7	3	8	5		Ale-	
	HKN	0	eP	40 37.4				9	8		17	21			tian	
	OWS	0	P	40 33.0				4	6	5	7	8	6		Is.	
	TYOK	0	eP	40 38.8		eS	5 37.6	8	9		14	14				
	OSK	0	P	40 38.9		eS	5 49.2	49	43	21	5	4	3	eL	9 09.1	
	SMT	0	eP	40 41.9		S	5 52.9	7	6	7	14	4	4	eX	8 42.9	
	SMSK	0	eP	40 44.1		eS	5 53.0	7	7	6	19	5	1		(JMA)	
	KOB	0	eX	40 45.0												
	SIG	0	iP	40 45.5	-1 (-) +1	eS	5 41.1	5	7		6	4		eL	8 27.1	
	OKYM	0	eP	40 46.4		eS	6 03.6	16	22	20	4	6	4			
	WKYM	0	eP	40 46.8		eS	5 49.4	3	2							
	TKMT	0	eP	40 48.0		eS	5 45.4	6	7	3	4	5	1			
	MRTM	0	iP	40 53.2	(+)			5	5	10	4	4	5			
	HMD	0	eP	40 54.0		eX	5 57.0	4	5	3	5	6	3	eX	11 32.6	
	HRSM	0	eP	40 55.2		eS	5 50.0	7	6	4	15	14	10			
	TRGS	0	eP	41 15.4												
SMZ	0	P	41 42.0		eS	5 26.0	7	5	5	10	5	4				
5	NGY	0	eP	04 15 18.3	(-)	+1	S	22.9	8	5	6	1	1	1		
5	NGY	0	P	12 55 58.8		-6	S	6.0	2	2	16	0	0	1		
	HKN	0	iS	55 59.9				8	10	4	1	1	1			
7	NGY	0	eP	22 25 14.7	+1 +1 (-)	S	22.9	11	11		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			m	s	Amp. (μ)			Period (sec.)					
														N	E	Z	N				E	Z
18	NGY	0	eP	05	40	40.2			+1	S	23.4	5	8	3	1	1	1					
	HKN	0	S		41	14.8																
18	KYT	0	eP	23	09	09.1				iS	1.7	10	6		0	0						
	NR	0	eP		09	11.1				iS	4.2											
19	OSK	0	X	10	47	07.8						10	6	6	4	3	2	eX	5	0	15	
19	TKSM	0	eP	17	32	37.3				iS	7.2											
19	WKYM	I	P	21	10	55.5				S	0.9	76	59		1	1						
21	MTYM	0	eP	11	40	57.7				eS	2.6	10	11	10	0	0	0					
22	WKYM	0	P	04	42	48.2				S	0.4	3	6									
22	WKYM	I	P	15	59	10.3				S	0.6	85	46	28								
22	OSK	0	eX	19	25	01.4						9	5		4	3		eX	6	0	16	
25	WKYM	0	P	21	38	44.7				S	0.3	8	31									
25	WKYM	0	P	23	46	49.7				S	2.8	16	18									
26	SMT	0	iP	00	46	54.9	-1	(+)	-1	S	3.9	5	4	2	1	0	0					
26	TKSM	0	eP	15	00	07.7				iS	6.8											
26	TRGS	0	P	15	59	58.4				S	4.6											
	TKMT	0	eP	16	00	02.9				iS	6.8	34	35	18	1	1	1					
	MRTM	0	P		00	07.4	(+)			iS	10.2	3	5	2	0	1	0					
	OKYM	0	eP		00	08.0				eS	10.0	30	30	10	1	1	1					
	SMT	0	P		00	11.4	(+)	(-)	(-)	S	12.1	7	6	2	0	0	0					
26	OSK	0	P	21	07	01.8				-7	S	2.8	11	10	10	0	0	0				
	NR	0	eP		07	06.0				iS	6.2											
	KYT	0	iP		07	07.4	(-)	(-)	(-)	iS	7.0	6	4	2	0	0	0					
28	OSK	0	P	04	17	23.0				-6	S	2.8	10	9	15	0	0	0				
	NR	0	eP		17	26.7				iS	6.6											
	KYT	0	iP		17	28.4	(-)	(+)	+1	iS	7.3	6	4	2	0	0	0					
30	NGY	0	eP	07	09	01.8				eS	49.8	12	8	5	3	2	2					

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.)					
														N	E	Z	N				E	Z
	HKN	0	eP		09	07.6																
	OSK	0	X		09	52.5						15	10	3	3	2	2					
31	WKYM	0	P	01	31	13.1				S	1.9	14	13									
31	WKYM	0	P	17	24	24.3				iS	1.1	39	32									

Report of Earthquake

Station not equipped with seismograph

昭和41年7月

July 1966

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Character of tremor	Earthquake Sound	Duration of tremor
3	Kurisu-kawa	栗栖川	Wakayama	III	03 ^h 00 ^m		
	Ryūjin	竜神	"	II	00		
	Kiyokawa	清川	"	II	02	heard	
	Kazaya	風屋	Nara	II	00		
5	Kiyokawa	清川	Wakayama	I	09 45		
7	"	"	"	I	10 32		
10	Ikehara	池原	Nara	II	13 23		
17	Kazaya	風屋	"	II	10 22		
	Kiyokawa	清川	Wakayama	II	25		
	Kurisu-kawa	栗栖川	"	II	20		
17	Kiyokawa	清川	"	I	20 04		
26	Akashi	明石	Hyōgo	I	09 15		

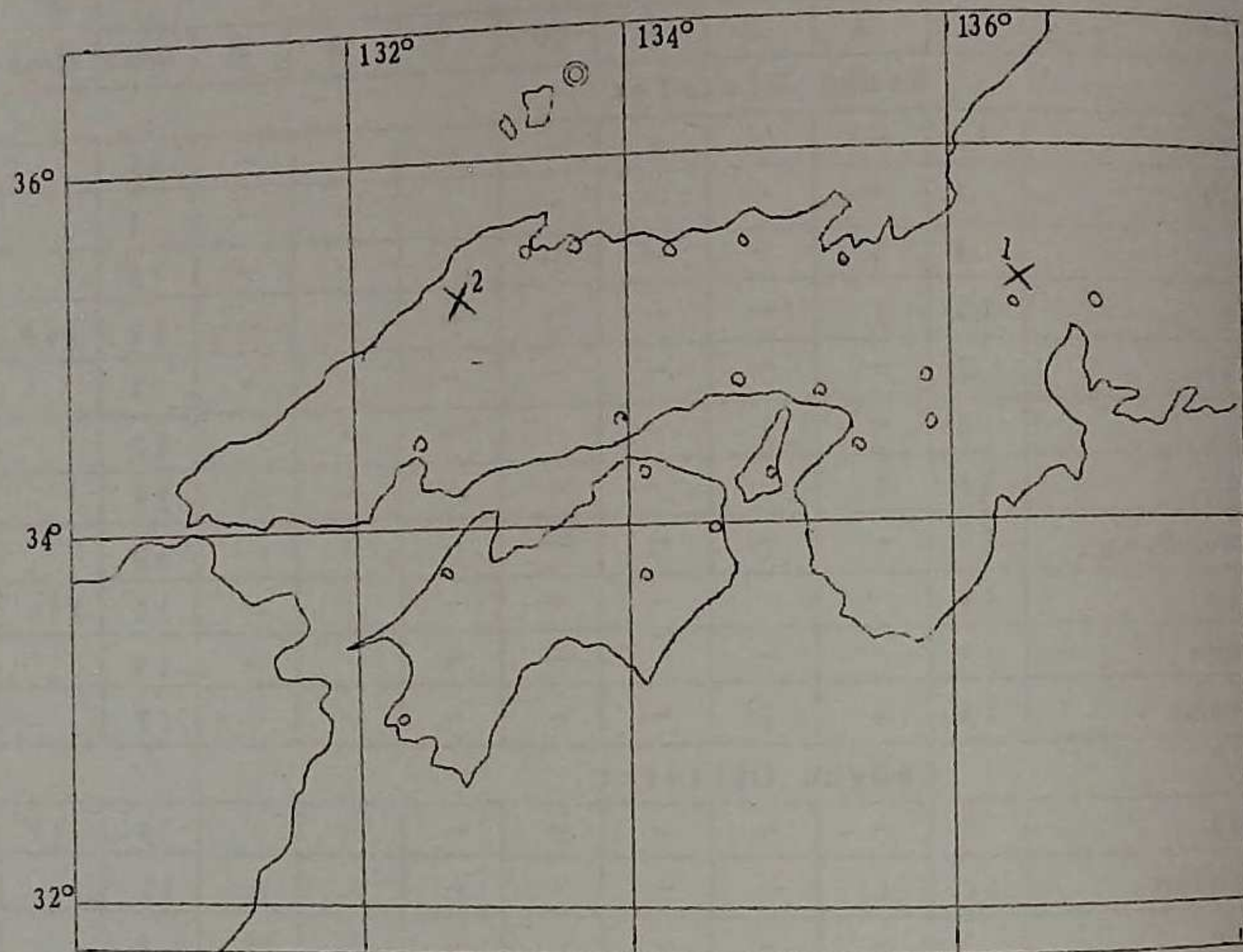
Number of earthquakes

August 1966

Station	S.I.	A class								Total	B class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone	37	—	—	1	—	—	—	—	—	38	
Himeji	3	—	—	—	—	—	—	—	—	3	
Kobe	4	1	—	—	—	—	—	—	—	5	
Kyōto	15	1	—	—	—	—	—	—	—	16	169
Maizuru	2	—	—	—	—	—	—	—	—	2	
Nara	9	—	1	—	—	—	—	—	—	10	
Osaka	28	1	—	—	—	—	—	—	—	29	
Shionomisa-ki	10	—	—	—	—	—	—	—	—	10	
Sumoto	19	—	—	—	—	—	—	—	—	19	150
Toyooka	19	—	—	—	—	—	—	—	—	19	
Wakayama	15	1	1	—	—	—	—	—	—	17	
Chūgoku District											
Hamada	9	—	—	—	—	—	—	—	—	9	57
Hiroshima	10	1	—	—	—	—	—	—	—	11	
Matsue	2	—	—	—	—	—	—	—	—	2	
Okayama	14	1	—	—	—	—	—	—	—	15	111
Saigō	10	—	—	—	—	—	—	—	—	10	37
Tottōri	3	1	—	—	—	—	—	—	—	4	
Yonago	0	1	—	—	—	—	—	—	—	1	
Shikoku District											
Kōchi	0	—	—	—	—	—	—	—	—	0	
Matsuyama	10	1	—	—	—	—	—	—	—	11	
Murotomisaki	12	—	—	—	—	—	—	—	—	12	33
Shimizu	8	—	—	—	—	—	—	—	—	8	
Takamatsu	12	—	—	—	—	—	—	—	—	12	
Tokushima	9	—	—	—	—	—	—	—	—	9	
Tsurugisan	7	—	—	—	—	—	—	—	—	7	
Uwajima	2	—	—	—	—	—	—	—	—	2	

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

August 1966



No.	Date	Origin time (J.S.T.)	Epicenter			Depth Km	Max. S.I.
			Location	Lat.	Long.		
1	3	10 ^h 36 ^m	滋賀県北部 N part of Shiga Pref.	35.4°N	136.3°E	10	III
2	9	03 10	島根県中部 Central part of Shimane Pref.	35.1°N	132.7°E	10	III

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		p-Pha.			Amplitude (μ)						Period (sec.)			
											m	s	N	E	Z	N				E	Z	N	E
1	WKYM	II	P	22	21	49.2				iS	0.5	10	76					L					
	SMT	0	P		21	52.0	+1	-2		iS	3.0	10	6	2	0	0	0						
2	HMD	0	eP	00	49	48.8				iS	11.1	9	6	2	0	0	0						
2	HMD	0	P	06	12	18.3			+2	eS	7	56.5	10	8	6	12	12	11	eL	17	58.7	Pakistan 30.0°N 68.7°E 33 Km (USCGS)	
	HRSM	0	eP		12	20.-				eS	7	46.-	9	9	12	14	14	13	eL	17	40.-		
	SIG	0	eP		12	24.2	+1	+2	+5				11	10	13	12	13	11	L	21	37.-		
	MTYM	0	eP		12	25.8				eS	7	52.5	11	8		15	14						
	TKMT	0	eP		12	29.1				eS	7	43.8	11	12		17	12						
	SMZ	0	eP		12	29.8							8	8	10	14	14	12	eX	7	54.2		
	OKYM	0	eP		12	31.0				eS	7	39.0	10	20	13	6	14	10					
	MRTM	0	P		12	32.1				eS	7	46.0	12	10	6	16	13	12	eL	17	44.0		
	SMT	0	eP		12	34.0			(+)	eS	7	41.6	0	9	12	15	12	12	eL	17	31.-		
	TYOK	0	eP		12	34.4			(+)	(+)	eS	7	41.8	13	10	16	14	15	14				
	OSK	0	eP		12	37.3				eS	7	56.2	25	23	12	5	5	3	eL	20	51.-		
	KYT	0	eP		12	37.8				eS	7	50.0	10	9	9	20	15	15					
	SMSK	0	eP		12	39.6				eS	7	55.5	11	9		18	16		eL	19	09.9		
	WKYM	0	eP		12	40.6				eS	7	31.2	8	11	1	14	14						
HKN	0	eP		12	43.6				eS	7	58.7	9	12	7	13	15	16						
OVS	0	eP		12	44.0							4	5	6	14	16	13						
2	NGY	0	eP	00	42	45.0			-1	eS	53.0	9	7	5	3	3	3						
2	SMT	0	iP	22	37	46.2	(+)	(-)	+1	iS	7.1	8	4	1	0	0	0						
	SMSK	0	eP		37	49.4				iS	6.7	6	8		2	2							
3	NGY	0	eP	01	30	06.0				S	20.8	39	9	4	1	1	1						
3	WKYM	I	P	01	32	54.5				iS	11.2	39	35										
3	NGY	0	P	03	49	06.0	+1	+1	-2	iS	22.0	210	200	7	2	2	2						
	HKN	0	P		49	11.9				iS	27.6	180	180	53	2	1	2						
	KYT	0	eP		49	17.3				iS	35.4	69	48	20	1	4	5						

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				m	Amp. (μ)					Period (sec.)	m	s
				h	m	s	N	E	Z			N	E						
	NR	0	eP	49	20.1				eS	37.4	100	50	50	2	2	2			
	OWS	0	P	49	22.2				S	37.8	23	20	20	2	2	2			
	OSK	0	eP	49	23.0				eS	40.4	230	240	88	4	4	3			
	KOB	0	eX	49	29.7														
	SMT	0	iP	49	29.9				eS	46.6	23	23	13	8	5	4	iX		
	TYOK	0	P	49	30.0			(+)	S	40.4		19				1			
	TKSM	0	eP	49	36.4				eS	50.4									
	WKYM	0	P	49	36.7				S	46.7	33	30							
	SIG	0	iP	49	37.0			(-)-1+1	S	59.5	6	7	5	1	2	2			
	TKMT	0	eP	49	37.8				iS	106.0	23	27	5	6	5	1			
	SMSK	0	eP	49	38.5				eS	45.7	28	36	17	2	2	2			
	TRGS	0	eX	49	39.0														
	OKYM	0	eP	49	45.4				eS	52.0	40	30	30	5	6	4			
	MRTM	0	iP	49	46.3			(+)	eS	58.6	15	14	8	9	7	5			
	HMD	0	eP	49	55.5				eS	58.5	8	4	5	4	3	2	iX		
	HRSM	0	eP	49	57.				eS	104.	15	8	11	4	4	3			
	MTYM	0	eP	50	03.6				eS	108.2	19	14		5	5				
	SMZ	0	eP	50	28.8				eS	110.0	7	11	5	3	8	8			
3	HKN	III	iP	10	36	59.4		-3(-)+21	iS	2.7	750	750	250	1	1	1			
	NGY	II	iP	37	06.0			+2-2-13	iS	7.6	30	45	31	0	0	0			
	KYT	I	eP	37	07.4			+2-2-10	iS	8.7	68	87	25	0	0	1			
	MIZR	0	iP	37	09.7				iS	9.6									
	NR	II	iP	37	10.3			-2-2+11	iS	11.4	250	150	50	0	0	0			
	OSK	I	P	37	14.0			+3	S	13.7	62	71	26	1	0	0			
	KOB	I	eP	37					iS	16.0	200	200	100						
	TYOK	0	P	37	18.1			-5+10-13	S	16.4	100	72	40	1	1	1			
	WKYM	0	P	37	19.8				S	21.6	30	22							

松代付
Near
Matsu
shiro
{36.6°N
138.3°E
VS
(JMA)

滋賀県
北部
N Part
of
Shiga
Pref.
{35.4°N
136.3°E
10 Km
(OD)

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				m	Amp. (μ)					Period (sec.)	m	s
				h	m	s	N	E	Z			N	E						
	OWS	0	iP	37	19.9			+12+1(-)	S	18.1	10	14	7	-	1	1			
	SMT	0	P	37	22.2			(+)	eS	20.0	9	9	5	1	2	1			
	HMJ	0	eP	37	22.3				eS	18.9									
	TTR	0	eP	37	26.6				S	23.6									
	SMSK	0	eP	37	29.3				eS	30.4	7	9	8	2	2	2			
	TKSM	0	eP	37	29.7				eS	24.6									
	OKYM	0	iP	37	32.3			(+)(-)	eS	28.0	30	43	15	1	1	1			
	TKMT	0	eP	37	34.1				eS	27.6	16	15	11	1	1	1			
	HRSM	0	eP	37	52.7				eS	44.9	5	1	3	2	1	2			
4	HKN	0	eP	00	22	46.3			iS	2.8	11	10		0	0	-			
4	NGY	0	P	21	34	21.0		-1+2	S	22.2	9	10	7	1	1	1			
	HKN	0	eP	34	30.5				S	24.1	11	11		1	1		松代付近		
	OSK	0	X	35	24.7						8	8	4	2	2	1	Near Matsu- Shiro		
6	WKYM	0	P	00	15	06.9			S	1.4	18	13							
6	NGY	0	eP	03	48	15.6		+1	S	24.4	8	6	4	1	1	1			
7	KYT	0	eP	11	20	46.4		+1+1-1	eS	6	3.9	4	5	5	4	5	3		
	OSK	0	eP	20	49.3				eS	6	5.7	38	28	15	5	5	3	Aleutian	
	TYOK	0	P	20	49.4			(+)(+)(-)	S	6	12.6	10	11	3	1	1	3	{50.6°N 171.3°E 39 Km (USCGS)	
	SIG	0	eP	20	53.6			(+)(+)(-)			5	6	5	6	2	2			
	HMD	0	eP	21	07.3				eS	6	22.5	5	4	7	7	4	3	eX	
8	NGY	0	iP	09	37	50.4		+6+5-4	iS	23.2	130	150	67	2	2	2		松代付近	
	KYT	0	eP	38	01.4				iS	36.2	28	20	11	1	2	4		Near Matsu- Shiro	
	NR	0	eP	38	04.8				eS	37.5								{36.6°N 138.2°E VS (JMA)	
	OWS	0	P	38	07.4				S	37.8	14	8	6	2	2	2			
	OSK	0	eP	38	11.6				eS	39.9	130	120	45	5	5	2			
	TYOK	0	P	38	13.7				eS	40.1	88	66	14	1	1	1			
	SMT	0	P	38	15.3				eS	47.7	64	11	5	7	5	2		eX	

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		m	s	p-Pha.					
													Amplitude (μ)				Period (sec.)	
	TKSM	0	eP	38	21.5				eS	49.7								
	SMSK	0	eP	38	22.8				S	47.3	18	16	14	2	3	2		
	OKYM	0	eP	38	27.2				eS	53.4	15	12	12	4	4	4		
	MRTM	0	eP	38	31.0				eS	1 4.4	8	7	3	3	2	3		
	TKMT	0	eP	38	32.5				eS	55.8	10	13	2	6	6	1		
	MTYM	0	eP	38	54.7				eS	1 6.0	9	4	3	5	5	2		
	HRSM	0	eP	38	54.9				eS	1 9.3	5	3	5	3	3	3		
	SMZ	0	eP	39	22.0				eS	1 10.6	4	5	2	4	8	9		
	TRGS	0	eP	39	28.0											eX		
8	NGY	I	P	19	20	50.4		+1	iS	5.2	26	25	24	0	0	0		
9	MTE	0	iP	08	10	26.2	+18	+26	iS	6.5								
	HMD	0	iP	10	28.4		-2	-5	+5	iS	8.0	57	36	15	1	1	1	
	YNG	I	iP	10	29.1		+5	+5	+7	iS	8.0							
	HRSM	I	iP	10	32.6		-9	-5	+1	iS	10.5	28	32	20	0	0	0	
	OKYM	I	iP	10	37.0		+6	-1	-5	iS	14.0	180	150	40	1	1	1	
	SIG	0	iP	10	39.7		(+)	(+)	+1	iS	16.0	44	33	45	1	1	1	
	TKMT	0	eP	10	41.3					iS	17.3	34	32	19	1	1	1	
	TTR	0	iP	10	41.4		-2	-2		iS	16.4							
	MTYM	I	eP	10	42.0					iS	16.5	80	110	40	1	1	1	
	HMJ	0	eP	10	46.7					eS	19.8							
	TRGS	0	eP	10	47.0					eS	21.0							
	SMT	0	iP	10	50.9		(+)	(-)	(-)	eS	25.3	13	6	4	2	1	1	
	TYOK	0	iP	10	51.4					iS	24.3	170	110	32	1	1	1	
	TKSM	0	eP	10	51.4					iS	24.3							
	UWJM	0	eP	10	51.5					S	25.0							
	KOB	0	P	10	52.3					eS	28.4							
	MRTM	0	P	10	54.8					S	31.8	7	11	7	1	1	2	

Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	Max. Amplitude			Pha.	p-Pha.	Remarks		
			h	m	s	N	E	Z		m	s	p-Pha.					
												Amplitude (μ)				Period (sec.)	
MIZR	0	iP	10	57.3				iS	29.0								
NR	0	eP	11	00.7													
KYT	0	eP	11	01.0				eS	33.8	32	14	4	2	1	1		
OSK	0	eP	11	01.8				S	30.6	48	22	15	2	2	2		
SMZ	0	eP	11	02.0				eS	31.0	15	28	9	1	1	1		
HKN	0	P	11	13.1				S	36.8	45	41	14	2	2	2		
NGY	0	eP	11	21.6				S	45.2	23	15	5	3	3	1		
NGY	0	eP	00	19	51.0				S	25.0	10	10		1	1		
HKN	0	P	20	03.7				S	28.4	13		3	3	1			
OSK	0	X	21	06.1							10	15	4	2	5	3	
NGY	0	eP	04	56	27.3			(-) +1	S	23.9	13	13		1	1		
HKN	0	eP	56	34.5				iS	27.6	21	15	5	1	1	1	松代付近	
TYOK	0	eP	56	51.6				eS	40.8	13	6		1	1		Near	
OSK	0	X	56	34.2							9	10	3	4	3	2	Matsu-Shiro
HKN	0	eP	18	14	51.5				iS	4.0	26	15		1	1		
OWS	0	iP	04	23	10.6			(-) -1 (+)	S	35.0	12	2	4	1	2	1	
NGY	0	iP	23	11.7				+2 -1 +22	iS	36.1	30	22	26	3	3	1	東海道
NR	0	iP	23	12.7				-2 +16	S	39.0	50	50		2	2		はるか沖
SMSK	0	iP	23	13.7				+5	iS	37.3	13	4	4	3	2	1	34.0°N
KYT	0	iP	23	14.4				+1 -2 +3	iS	37.8	15	8	9	2	2	1	137 1/2°E
HKN	0	P	23	14.4				+10 -28 +27	S	38.1	31	66	27	1	2	1	340 Km
OSK	0	iP	23	14.8				+6 -3 +14	S	37.2	53	27	14	3	2	2	(GD)
WKYM	0	eP	23	16.4					S	36.0	7	6		--	--		
SMT	0	P	23	17.5				-1 +2	iS	39.3	9	6	4	3	2	2	
TYOK	0	iP	23	26.7				+6 -10 +10	S	42.5	25	26	10	1	1	1	
MRTM	0	iP	23	22.6				(+)	iS	46.1	3	8	2	1	2	1	
TKMT	0	eP	23	23.1					eS	43.6	16	10	2	2	2	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		m	s	Amp. (μ)			Period (sec.)					
													N	E	Z	N				E	Z
	OKYM	0	iP	23	24.2		()	(-)	(+)	iS	45.4	12	10	10	3	2	2				
	SIG	0	iP	23	34.7		(-)	(-)	+2	S	53.8	4	5	3	1	1	1				
	MTYM	0	eP	23	34.9					eS	54.2	6	10	2	2	2	3				
	HMD	0	eP	23	40.2					S	59.6	3	3	4	2	3	2				
	TRGS	0	P	24	06.1																
	HRSM	0	X	24	32.1							2	11	2	2	3	2				
13	TRGS	0	P	19	23	29.1				S	2.7										
14	NGY	0	eP	01	42	12.4				iS	22.8	26	28	17	1	1	1				
	HKN	0	eP	42	20.5					iS	26.4	36	72	18	2	2	1				
	KYT	0	eP	42	20.7					iS	32.6	6	6	3	2	1	5				
	TYOK	0	P	42	34.4					eS	40.4	25	17	4	1	1	1				
	OSK	0	X	42	35.2							26	37	12	5	5	3	X	35.8		
14	NGY	0	P	04	05	32.7	(+)	+1	-1	S	22.9	11	9	5	1	1	1				
	HKN	0	eP	05	46.1					iS	21.3	22	18	5	1	1	2				
	OSK	0	X	06	09.6							8	9	4	3	5	3				
14	NGY	0	eP	19	58	22.4				eS	23.6	8	8	5	1	1	1				
	HKN	0	eP	53	10.2					eS	26.2	9	8		1	1					
14	TKSM	0	eX	20	22	29.5				iS	0.7										
15	HKN	0	eP	03	44	17.8				S	15.8	7	3		1	1					
15	WKYM	0	P	18	55	33.8				S	1.0	36	37								
16	NGY	0	eP	13	16	46.5				S	21.5	8	7	3	1	1	1				
16	NGY	0	eP	18	42	42.6	+1	+1	-1	eS	22.6	13	16	7	1	1	1				
	HKN	0	eP	42	50.5					eS	25.1	13	13	5	1	1	1				
	OSK	0	X	43	05.2							13	13		4	5					
17	HMJ	0	eP	08	53	59.2				eS	57.7										
17	WKYM	0	P	15	42	57.7				S	1.8	24	25								
18	NGY	0	eP	00	39	21.0	+1	+1	-1	S	23.0	9	9	6	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		m	s	Amp. (μ)			Period (sec.)					
													N	E	Z	N				E	Z
	HKN	0	iS	39	55.0							10	12	2	1	1	1				
	NGY	0	eP	01	09	07.8				S	23.0	6	6	3	1	1	1				
	HKN	0	S	09	41.8							6	6	2	1	1	1				
	WKYM	0	P	05	09	26.4				S	0.6	15	14							和歌山 付近	
	SMT	0	P	09	28.9					iS	4.7	9	5	2	0	0	0			Near Wakaya- ma	
	OKYM	0	eP	09	43.2					iS	16.2	11	10	8	1	0	1				
	OSK	0	X	23	40	14.3						3	13	6	5	5	3				
	HKN	0	P	41	06.1					eS	3	54.0	6	5	3	2	2	3			
	SIG	0	eP	21	33	18.	(+)	(+)				4	5	4	15	12	3				
	SMT	0	eP	33	31.5					eS	9	25.3									
	TRGS	0	P	21	44	30.1				S	18.8										
	NGY	0	eP	21	47	30.0			-1	eS	56.4	88	62	26	2	2	2			茨城県沖	
	HKN	0	eP	47	34.5					e	51.4	53	37	18	2	2	2			Off Ibaraki Pref.	
	NR	0	eP	47	40.7					S	100	100			2	2					
	KYT	0	eP	47	42.4					eS	52.6	22	15	10	5	2	3				
	OSK	0	eP	47	48.2					eS	1	21.0	210	40	40	5	5	3			36.5°N 141.8°E 40 Km (JMA)
	OWS	0	eP	47	50.0							13	10	18	6	6	4				
	KOB	0	eX	47	50.																
	TYOK	0	eP	47	51.2							41	23	14	1	1	17				
	SMT	0	P	47	54.2					eS	1	11.6	18	25	13	6	5	6	eX	45.8	
	WKYM	0	P	48	01.1					S	1	10.5	7	7							
	SMSK	0	eP	48	02.2					eS	1	13.5	8	9	2	6	5	2			
	OKYM	0	eP	48	03.0					eS	1	21.0	15	13	13	5	8	6			
	TKSM	0	eP	48	04.4					eS	1	14.7	1								
	SIG	0	P	48	05.1		+1	+1	-1	eS	1	38.1	8	7	5	3	4	4			
	TKMT	0	eP	48	06.2					eS	1	26.4	10	11	1	4	6	1			
	MRTM	0	iP	48	08.6		(+)			eS	1	21.6	14	11	9	6	8	8			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p-Pha.	Max. Amplitude						Remarks					
												Amp. (μ)		Period (sec.)									
				h	m	s	N	E	Z			m	s	N	E	Z	N		E	Z	m	s	
	HRSM	0	eP	48	17	0			eS	138.2	7	7	11	6	7	16							
	SMZ	0	eP	48	18	6			eS	140.2	14	11	3	4	6	6							
	MTYM	0	eP	48	19	5			eS	133.8	11	10	3	3	6	5							
	HMD	0	eP	48	23	8			eS	143.0	12	6	7	6	4	5							
19	MRTM	0	eX	22	9	24.1							5	6	6	14	15	15					
20	TTR	II	iP	04	17	08.9	+6	-10	+12	iS	1.0												
20	NGY	0	eP	04	30	31.5				S	22.9	11	7	3	1	1	1						
	HKN	0	S	31	04	9						8	8	2	1	1	1						
20	NGY	0	eP	18	33	06.6	+1		+1			25	26	15	1	1	1	X	21.8				
	HKN	0	eP	33	15	1						22	25	8	1	1	2	iX	24.6				
	OSK	0	X	33	18	2						35	30	19	3	5	3	X	31.2				
	KYT	0	eP	33	21	1						6	6	3	2	4	5	eX	31.0				
	TYOK	0	eP	33	28	9						18	13		1	1		eX	40.7				
	SMT	0	eP	33	33	3				eS	134.5	5	4	4	4	4	6	eX	30.4				
	OKYM	0	eP	33	48	8						10	13	10	4	4	4	eX	50.3				
	SIG	0	P	34	38	5	-1	(+)	(+)	S	137.9	11	10	7	3	4	3						
20	HKN	0	eS	18	36	07.3						26	13	8	3	2	3						
	TYOK	0	iP	36	12	2						9		5									
20	NGY	0	eP	19	50	51.0	(+)		-1	eS	23.0	71	74	31	1	3	1						
	NKN	0	eP	51	00	5				eS	23.5	60	73	24	1	1	1						
	KYT	0	eP	51	06	8				eS	40.0	12	15	10	1	4	4						
	NR	0	eP	51	09	6						50			2								
	TYOK	0	eP	51	13	7						67	25	14	1	1	1						
	OSK	0	P	51	14	1																	
	OWS	0	P	51	15	5				S	39.9	75	85	29	5	5	3						
	SMT	0	P	51	25	9						10	6	13	2	3	4						
	WKYM	0	P	51	27	3				eS	45.6	8	7	4	5	5	5	eX	8.4				
				51	27	3				S	48.7	9	6										
	SMSK	0	eP	51	34	5				eS	47.9	7	8	4	3	3	2						
21	WKYM	0	P	11	10	13.6				S	2.2	13	25										
21	WKYM	0	P	11	42	46.1				S	2.9	16	31										
21	SMT	0	iP	14	06	04.6	(-)		(-)	eS	441.1	5	3	4	4	3	4						
	OSK	0	X	06	28	9						20	22	4	3	5	3						
1	NGY	0	eP	15	30	10.4				S	22.0	18	10	5	1	1	1						
	HKN	0	S	30	43	9						13	11	5	1	1	1						
3	TTR	0	eP	09	33	51.7				eS	54.2												
4	MRTM	0	P	03	27	58.1				iS	6.2	7	10	4	1	1	0						
	TKSM	0	eP	27	-					S	7.-												
	TKMT	0	eP	28	00	4				iS	7.4	10	20	5	1	0	1						
	OKYM	0	iP	28	06	5	(+)	(+)	(-)	iS	12.5	20	12	10	1	0	0						
	TRGS	0	P	28	06	6				S	6.4												
	MTYM	0	eP	28	10	5				eS	13.5	4	6	1	1	1	1						
	HKN	0	eP	00	02	43.8				iS	4.3	14	6	3	1	1	1						
	NGY	0	P	02	45	0	(+)	-1	-1	S	4.6	6	6	8	0	0	0						
5	WKYM	0	P	04	33	16.8				S	2.3	18	32										
	SMT	0	iP	33	21	3	(+)	(-)		S	5.5	5	4	2	0	0	1						
	OKYM	0	iP	33	36	2	(-)	(-)		iS	16.9	10	13	10	1	1	1						
5	SMZ	0	eP	09	33	05.0				S	10.5	89	100	53	2	2	2						
	UWJM	I	eP	33	07	0				S	12.6												
	MTYM	0	eP	33	17	0				iS	24.6	7	110	35	1	1	1						
	HRSM	0	eP	33	22	9				iS	31.8	14	20	38	2	2	2						
	MRTM	0	P	33	25	5				S	27.1	10	10	6	3	2	1						
	HMD	0	eP	33	31	5				S	37.4	10	19	15	3	3	3						
	TKMT	0	eP	33	34	0				eS	32.5	24	25	13	1	1	1						
	OKYM	0	eP	33	37	0				iS	39.4	53	42	20	1	1	4						

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		m	s	Amp. (μ)			m		s		
													N		E				Z	
	SMT	0	eP	32	43	5				eS	35.0	8	8	5	2	2	3	eX	10.3	
	MTE	0	P	33	46	3				eS	41.7									
	SIG	0	P	33	57	4	(-)	(-)	(-)	iS	56.6	33	52	28	2	1	2			
	KYT	0	eP	34	05	1				eS	51.3	5	3	2	2	1	2			
	HKN	0	eP	34	05	7				eS	111.2	11	8	3	2	1	3			
	OSK	0	X	34	08	1						36	27	14	2	4	3	X	38.2	
	TRGS	0	eP	34	25	7												eS	29.9	
	TYOK	0	eS	34	53	0						130	71	11	1	1	1			
25	NGY	0	eP	20	44	16.5				S	23.1	6	5	2	1	1	1			
26	HRSM	0	iP	03	09	38.7	-1	+2		iS	4.2	3	9	3	0	0	0			
26	OSK	0	X	13	29	38.0						9	10	5	3	4	2			
26	KOB	0	eP	21	07	00.5				iS	2.7									
27	TKSM	0	eP	15	53	07.0				iS	2.4									
28	KOB	0	eX	04	17	23.-														
28	NGY	I	P	13	10	52.6	-1	-2	+4	iS	21.4	170	150	79	1	1	1			
	HKN	0	P	10	59	9				iS	25.1	170	120	60	1	1	1			
	KYT	0	eP	10	05	0				iS	35.0	45	30	15	2	3	4			
	NR	0	eP	10	07	9				eS	36.8									
	OWS	0	P	10	10	7				iS	38.3	15	15	13	2	4	4			
	OSK	0	P	10	12	9				S	37.9	200	210	67	4	5	3			
	TYOK	0	eP	10	-	-				eS	38.8	75	59	21	1	1	1			
	SMT	0	P	10	16	5				eS	45.5	17	11		6	5		iX	10.2	
	KOB	0	eX	10	20	-						50	50		6	7				
	TKSM	0	eP	10	21	7				eS	50.2									
	SMSK	0	eP	10	23	0				eS	46.1	18	16	10	2	2	1			
	WKYM	0	eP	10	23	8				eS	41.9	24	20							
	SIG	0	eP	10	24	5	(-)	(-)	(+)	S	44.2	6	5	3	3	1	3			

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		m	s	Amp. (μ)			m		s	
													N		E				Z
	OKYM	0	eP	10	33	5				iS	49.8	30	22	40	4	4	4		
	MRTM	0	eP	10	35	0				eS	55.0	15	13	6	9	9	4		
	TKMT	0	eP	10	37	0				eS	50.5	11	17	3	7	7	1		
	TRGS	0	eP	10	37	9				eS	102.9								
	HMD	0	eP	10	45	1				eS	59.9	7	3	4	8	5	6		
	HRSM	0	eP	10	50	5				S	113.1	17	8	10	5	4	5		
	MTYM	0	eP	10	52	0				eS	108.2	16	9	4	3	4	3		
	SMZ	0	eX	11	17	1				eS	114.3	10	20	4	3	8	7		
28	NGY	0	eP	13	24	10.8			-1	S	22.8	6	7	4	0	1	1		
	HKN	0	eP	24	18	2				S	26.1	6	6	3	2	1	1		
28	NGY	0	P	13	33	24.8			+2	S	24.4	10	10	5	1	3	1		
	HKN	0	eP	33	32	6				S	25.4	15	15	5	1	1	1		
	OSK	0	X	33	52	8				S		10	10		4	5			
28	NGY	0	eP	13	54	18.6			+1(+)-1	S	21.0	6	8	4	1	1	1		
	HKN	0	eP	54	24	4				S	25.7	8	8	3	1	1	1		
28	NGY	0	eP	14	04	50.8				S	21.6	7	8	5	0	1	1		
	HKN	0	eP	04	57	2				S	26.8	8	10	3	1	1	1		
	OSK	0	X	05	47	2				S		9	11		3	4			
28	NGY	0	eP	16	14	13.5			(-)(-)(+)	iS	10.9	9	10	5	0	0	0		
	HKN	0	S	14	40	5				S		13	6	3	1	1	1		
29	NGY	0	eP	00	36	48.0				eS	24.8	88	77	36	1	1	1		
	HKN	0	P	36	55	0				eS	28.5	71	63	34	4	4	4		
	KYT	0	eP	37	01	1				S	31.8	20	26	15	4	5	5		
	NR	0	eP	37	03	4				S	37.6								
	OWS	0	P	37	06	0				S	38.0	11	10	11	7	5	7		
	OSK	0	iP	37	06	5				S	35.5	170	210	48	4	5	4	X	43.7
	TYOK	0	eP	37	07	3						48	37	10	-	1	-		

松代付近
Near
Matsu-
Shiro

36.5°N
138.2°E
S
(JMA)

松代付近
Near
Matsu-
Shiro
36.7°N
138.2°E
S
(JMA)

REPORT OF EARTHQUAKES

Station not equipped with Seismograph

昭和41年8月

Aug. 1966

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Earthquake Sound
3	Mandokoro 政所	Shiga	II	10 ^h 37 ^m	
	Aburahi 油日	〃	II	37	
	Tsuchiyama 土山	〃	I	37	
9	Tajima 田島	Hiroshima	III	08 09	heard
	Kawamoto 川本	Shimane	III	15	
	Hiwa 比和	Hiroshima	III	12	
	Hatsukaichi 廿日市	〃	II	10	
	Kake 加計	〃	II	10	
	Chiyoda 千代田	〃	II	10	
	Kabe 可部	〃	II	10	
	Kure 呉	〃	II	10	
	Seranzishi 世羅西	〃	II	10	
	Mitsugi 御調	〃	II	10	
	Takano 高野	〃	II	10	
	Yahoko 八銚	〃	II	10	
	Shōbara 庄原	〃	II	10	
Fuano 布野	〃	II	11		

Date	Station	Prefecture	S.I.	Time (J.S.T.)	Earthquake Sound
	Kōzan 甲山	Hiroshima	II	08 ^h 12 ^m	
	Kurosaka 黒坂	Tottori	II	12	
	Taisha 大社	Shimane	II	10	
	Izuba 出羽	〃	II	10	
	Nagashima 長島	Okayama	II	11	
	Etomo 恵曇	Shimane	I	10	
	Shigaku 志学	〃	I	11	
	Tsugawa 都川	〃	I	10	
	Sakai 境	Tottori	I	10	
	Matsunaga 松永	Hiroshima	I	11	
	Toyosaka 豊栄	〃	I	10	
	Mihara 三原	〃	I	10	
16	Takano 高野	〃	II	04 44	
	Hiwa 比和	〃	II	48	
26	Kake 加計	〃	II	03 10	
	Chiyoda 千代田	〃	I	04 30	
28	Sueno 末野	Hyōgo	I	03 02	heard

大阪管区
地震月報

昭和41年⁹/₁₀月

THE MONTHLY REPORT OF EARTHQUAKES

September 1966
October

大阪管区气象台

The Osaka

District Meteorological Observatory

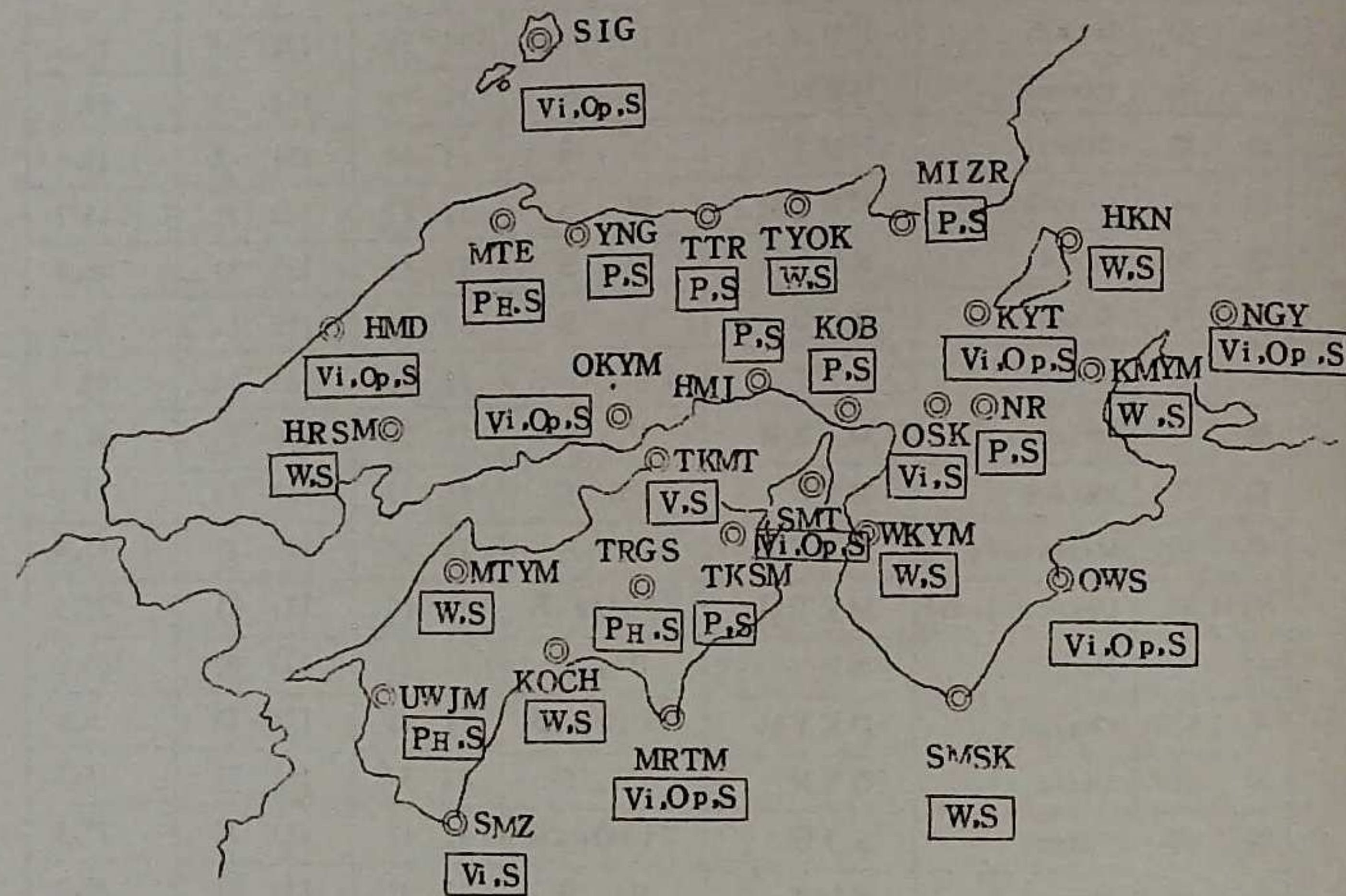
Japan

観測所一覧表

List of station

Station	Abbreviation	Soismo - graph	Lat, (N)	Long, (E)	Height (m)
浜田	Hamada	HDM	34° 54'	132° 04'	13.3
彦根	Hikone	HKN	35 16	136 15	89.8
姫路	Himeji	HMJ	34 50	134 42	17.6
広島	Hiroshima	HRSM	34 22	132 26	29.7
高知	Kochi	KOCH	33 34	133 33	40.4
神戸	Kobe	KOB	34 41	135 11	58.8
京都	Kyoto	KYT	35 01	135 44	42.6
舞鶴	Maizuru	MIZR	35 28	135 23	31.2
松江	Matsue	MTE	35 27	133 04	13.0
松山	Matsuyama	MTYM	33 50	132 47	32.4
室戸岬	Murotomisaki	MRTM	33 15	134 11	135.3
奈良	Nara	NR	34 41	135 50	105.0
岡山	Okayama	OKYM	34 41	133 55	3.8
大阪	Osaka	OSK	34 39	135 32	5.1
西郷	Saigo	SIG	36 12	133 20	27.7
清水	Shimizu	SMZ	32 43	133 01	30.2
潮岬	Shionomisaki	SMSK	33 27	135 46	74.3
洲本	Sumoto	SMT	34 20	134 54	109.6
高松	Takamatsu	TKMT	34 19	134 03	9.6
徳島	Tokushima	TKSM	34 04	134 35	1.8
鳥取	Tottori	TTR	35 31	134 11	17.7
豊岡	Toyooka	TYOK	35 32	135 50	4.2
剣山	Tsurugisan	TRGS	34 03	134 10	56.1
宇和島	Uwajima	UWJM	33 14	132 33	43.4
和歌山	Wakayama	WKYM	34 14	135 10	14.3
米子	Yonago	YNG	35 26	133 21	7.1
名古屋	Nagoya	NGY	35 10	136 58	55.7
尾鷲	Owashi	OWS	34 04	136 12	16.1

“Station map”



- Op: Electromagnetic seismograph with optical recorder
($T_0 = 1.5 \text{ sec} \cdot V = 500 \sim 1000$)
- P: New-type portable seismograph
($T_0 \doteq 2 \cdot V \doteq 60$)
- 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
($T_0 = 5, V = 100$)

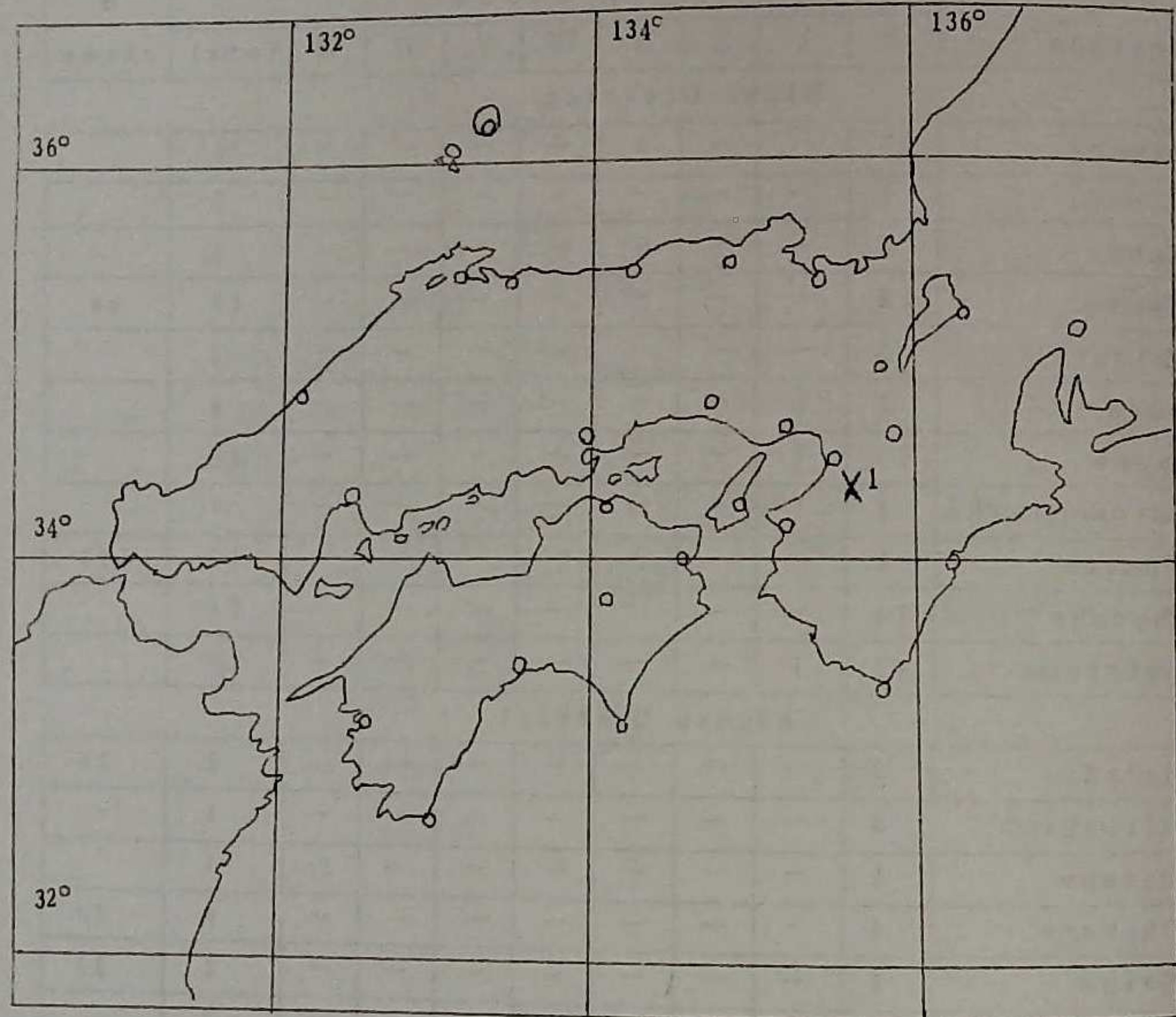
Number of earthquakes

September 1966

Station	S.I.	A class							Total	B class	
		0	I	II	III	IV	V	VI			VII
Kinki District											
Hikone		37	—	—	1	—	—	—	—	38	
Himeji		1	—	—	—	—	—	—	—	1	
Kobe		6	—	—	—	—	—	—	—	6	
Kyōto		12	—	—	—	—	—	—	—	12	88
Maizuru		2	—	—	—	—	—	—	—	2	
Nara		7	1	—	—	—	—	—	—	8	
Ōsaka		20	1	—	—	—	—	—	—	21	
Shionomisaki		6	1	—	—	—	—	—	—	7	
Sumoto		10	—	—	—	—	—	—	—	10	115
Toyouka		16	—	—	—	—	—	—	—	16	
Wakayama		17	1	—	—	—	—	—	—	18	
Chūgoku District											
Hamada		2	—	—	—	—	—	—	—	2	26
Hiroshima		3	—	—	—	—	—	—	—	3	
Matsue		1	—	—	—	—	—	—	—	1	
Okayama		6	—	—	—	—	—	—	—	6	73
Saigō		2	—	—	—	—	—	—	—	2	24
Tottori		2	—	—	—	—	—	—	—	2	
Yonago		1	—	—	—	—	—	—	—	1	
Shikoku District											
Kōchi		1	—	—	—	—	—	—	—	1	
Matsuyama		2	—	—	—	—	—	—	—	2	
Murotomisaki		8	—	—	—	—	—	—	—	8	16
Shimizu		2	—	—	—	—	—	—	—	2	
Takamatsu		6	—	—	—	—	—	—	—	6	
Tokushima		6	—	—	—	—	—	—	—	6	
Tsurugisan		5	—	—	—	—	—	—	—	5	
Uwajima		0	—	—	—	—	—	—	—	0	

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

September 1966



No.	Date	Origin time (J.S.T.)	Epicenter			Max. S.I.
			Location	Lat.	Long.	
1	27	h m 21 46	奈良県中部 Central part of Nara Pref.	34.2° ^N	135.7° ^N	60 Km II

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	N	E				Z	N
2	NGY	0	eP	05	31	09.0	(-)	(+)	-1	S		10.4	8	7	5	0	0	0		
	HKN	0	S		31	36.1							8	4	3	1	1	1		
2	NGY	0	eP	09	52	48.2				S		50.0	7	8	6	1	1	1		
	HYN	0	S		53	48.5							8	9	3	1	1	1		
2	NGY	0	eP	10	02	09.6				S		22.0	8	7	4	1	1	1		
	HKN	0	S		02	41.3							6	6	3	1	1	1		
2	HKN	0	S	10	03	21.0							8	8	3	1	1	1		
3	NGY	0	eP	18	50	43.5	+1	(+)	-1	eS		22.5	4	8	3	1	1	1		
	HKN	0	S		51	17.2							6	9	2	1	1	1		
3	HKN	0	P	23	01	35.7				iS		3.5	9	11	5	1	1	1		
4	NGY	0	iP	04	55	33.3	+3	-1	-4	iS		5.1	12	13	11	0	0	0		
	HKN	0	P		55	33.9				iS		3.6	29	60	30	0	0	0		
	KYT	0	iP		55	40.6	(+)	(+)	-1	iS		9.9	5	7	2	0	0	0		
5	NGY	0	eP	05	50	32.4	+1	(+)	+1	S		14.4	7	9	4	0	1	0		
	HKN	0	eP		50	41.5				S		21.0	6	7	3	2	1	1		
	OSK	0	X		51	17.8							10		3					
6	NGY	0	eP	03	38	12.2			+2	iS		23.4	53	45	17	3	1	1		
	HKN	0	P		38	18.4				iS		27.9	51	41	18	1	1	5		松代付近
	NR	0	eP		38	28.2													Near	
	KYT	0	eP		38	29.0				eS		34.9	7	11	7	2	5	6		Matsu-
	OSK	0	P		38	30.0				S		42.0	75	100	20	5	5	3		shiro
	OWS	0	P		38	34.6				S		43.4	5	5	5	2	4	1		
	SMT	0	eP		38	35.9				eS		49.5	7	7	4	4	4	6	iX	10.6
	TYOK	0	eP		38	36.5				eS		39.2	23	16	8	1	1	1		36.6°N
	WKYM	0	P		38	47.8				S		44.4	7	4						138.3°E
	SMSK	0	eP		38	52.2				eS		45.6	5	7	2	3	2	2		0 Km
TKMT	0	eP		38	57.3				eS		53.5	6	6		6	6			(JMA)	

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
	MRTM	0	eP	39	01	.1				eS	15.0	4	5		4	5			
6	NGY	0	eP	03	40	35.6				S	22.4	41	32	11	3	3	1		松代付近
	HKN	0	eS	41	07	.6						30	23	9	2	1	1		Near
	WKYM	0	P	41	08	.4				S	45.8	3	6						Matsu-
	OSK	0	X	41	20	.0						61	62	16	5	5	3		shiro
	TYOK	0	eS	41	37	.0						22	16		2	1			
6	TKSM	0	eP	05	23	04.4				iS	2.6								徳島県
	SMT	0	P	23	10	.9	(+)	(-)		S	8.2	7	4	2	0	0	1		E part
	MRTM	0	P	23	13	.2				iS	8.5	3	0		5	0			of
	TRGS	0	eP	23	23	.6													Shikoku
6	HKN	0	S	23	46	08.1						6	8	2	1	1	1		
7	HKN	0	eP	15	19	29.7				S	26.6	6	6	2	1	1	1		
8	NHY	0	eP	01	20	38.7	(+)	(+)	-1	S	35.1	25	19	9	1	1	1		新潟県
	HKN	0	eP	20	50	.8				eS	35.1	15	11	5	2	1	1		南部
	TYOK	0	eP	20	54	.1						7	10	2	1	1	1	X	Niigata
	OSK	0	P	21	04	.8				S	48.2	21	17	9	5	4	2		Pref.
8	SMSK	0	eP	06	50	05.3				iS	6.1	8	4		0	0			{ 37.2°N
8	NGY	0	eP	21	24	07.2				S	22.4	12	12	8	1	1	1		{ 138.8°E
	HKN	0	eP	24	13	.3				eS	26.1	15	14	4	1	1	1		{ 10 Km
	OSK	0	X	25	06	.8						18	18	5	4	4	3		(JMA)
9	SMZ	0	P	06	22	00.1				eS	457.0	14	13	17	2	6	3		Halma-
	MRTM	0	iP	22	04	.8				iS	501.5	10	16	20	2	2	3	i	103.1
	MTYM	0	iP	22	08	.6	+13	+3	+16	eS	505.2	15	13	17	3	5	3		{ 2.4°N
	SMSK	0	iP	22	09	.7	+10	(+)	+6	eS	521.1	13	1	17	3	5	2	eL	800.1
	HRSM	0	iP	22	12	.5	+9	+1	+23	S	505.7	15	18	38	3	4	3	iPP	105.1
	TKMT	0	iP	22	13	.1	+11	+2	+5	eS	505.7	11	7	10	3	4	3	iPP	124.4

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p~Pha.	Remarks								
				h	m	s	N	E	Z				Max. Amplitude							
													Amp. (μ)	Period (sec.)						
	TKSM	0	iP	22	13	.4	+11	+2	+5	eS	509.0									
	OWS	0	iP	22	14	.5						6	5	13	2	3	3	i	109.5	
	SMT	0	iP	22	15	.4	+9	+3	+20	S	507.0	17	10	25	3	5	3	iPP	123.3	
	HMD	0	P	22	15	.9	+5	+2	+9	eS	509.1	13	6	13	5	3	3	eX	112.5	
	WKYM	0	P	22	15	.9				S	508.4	12	10		2	2				
	OKYM	0	iP	22	16	.2	+10		+15	eS	509.6	22	10	40	3	3	3			
	KOB	0	eX	22	16	.1														
	OSK	0	iP	22	18	.8			+26			77	65	39	4	4	3	eX	506.2	
	NR	0	eP	22	19	.7														
	KYT	0	iP	22	21	.5	+1	(+)	+1	iS	514.5	14	6	17	2	3	3			
	MTE	0	eX	22	22	.7												eX	515.8	
	TTR	0	iP	22	23	.1												eX	516.4	
	HKN	0	P	22	25	.1				S	515.5	38	24	37	2	2	3			
	TYOK	0	iP	22	25	.5	+3	+1	+9	iS	514.8	16	12	21	4	5	3			
	NGY	0	iP	22	26	.0	+16	+6	+30	eS	518.2	33	29	35	3	3	3			
	SIG	0	iP	22	28	.3	+2	(+)	+1	eS	517.6	23	10	25	2	2	3	L	10	
9	NGY	0	eP	16	15	11.7	+2	+2	-1	iS	23.1	42	41	16	1	1	1			松代付近
	TYOK	0	eS	15	14	.1						6							Near	
	HKN	0	eP	15	19	.2				S	26.3	46	29	20	1	1	1			Matsu-
	NR	0	eP	15	25	.1													shiro	
	KYT	0	eP	15	25	.9				eS	36.0	8	3		0	1			{ 36.6°N	
	OSK	0	eP	15	38	.0				S	34.6	26	27	14	4	4	2		{ 138.2°E	
	WKYM	0	eP	15	43	.3				S	44.5	8	4						{ 0 Km	
																			(JMA)	
9	NGY	0	eP	16	41	48.0				eS	24.8	9	12	5	1	1	1			
	HKN	0	eP	41	56	.7				eS	23.1	8	8	6	1	1	2			
10	NGY	0	eP	02	50	01.5			-1	S	22.9	9	12	5	1	1	1			
	HKN	0	eP	50	10	.6				eS	24.6	12	13	3	1	1	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				m
11	NGY	0	eP	02 11 42.9	(+)-1	S	24.9	15	15	8	1	1	1				
	HKN	0	eP	11 50.2		eS	26.5	15	13	6	1	1	1				
	OSK	0	X	12 08.0			.	16	21	7	3	4	2				
11	NGY	0	eP	19 56 21.0	H (+)-1	eS	24.2	8	9	4	1	1	1			松代付近	
	OSK	0	eP	56 45.5		S	40.4	12	13	5	4	5	3			Near	
	HKN	0	S	56 57.1				7	8	2	1	1	1			Matsu - shiro	
12	NGY	0	eP	03 29 42.3	(-)(-)+1	S	21.7	6	7	3	1	1	1				
12	WKYM	I	P	21 36 12.7		S	0.4	31	25								
13	NGY	0	eP	06 36 23.4	(-)	S	22.6	7	8	4	1	1	1				
14	NGY	0	eP	06 27 11.7	-1-1+2	S	23.9	45	37	24	1	1	1			松代付近 Near Matsu - shiro { 36.6°N 138.2°E 0 Km (JMA)	
	HKN	0	eP	27 20.2		iS	26.5	34	28		1	1					
	KYT	0	iP	27 23.4	(+)(+)(-)	iS	36.1		5	3	2	5					
	NR	0	eP	27 27.1													
	OWS	0	P	27 28.6				3	3	2	2	3	3				
	OSK	0	P	27 35.2		S	36.6	43	51	13	4	5	3				
	TYOK	0	eP	27 55.3		eS	40.3	16	19	4	1	1	2				
	WKYM	0	P	27 44.7		S	47.4	8	8								
14	NGY	0	eP	09 26 10.2		+1	S	23.0	6	7	4	1	1	1			
	HKN	0	eP	26 21.6		S	22.5	11	8		1	1					
	OSK	0	X	27 10.8				6	6		3	4					
14	NGY	0	iP	10 14 49.2	-5-4+4	iS	22.8	120	91	37	1	1	1			松代付近 Near Matsu - shiro { 36.6°N 138.2°E 0 Km (JMA)	
	HKN	0	eP	14 56.6		S	28.1	94	63	36	1	1	1				
	KYT	0	eP	15 01.2		eS	34.6		16	7	2	2					
	NR	0	eP	15 03.0		eS	37.0	50			1						
	OWS	0	P	15 06.5		S	41.2	6	9	8	1	1	1				
	TYOK	0	eP	15 12.5	(-)	eS	39.0	70	57	11	1	1	2				
	SMT	0	P	15 13.6	(-)	eS	45.4	7	12		5	3		eX	9.7		

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			
	OSK	0	P	15 14.0		S	40.1	67	88	27	4	5	2			
	KOB	0	eP	15 17.		eS	41.									
	WKYM	0	eP	15 19.7		S	38.2	16	13							
	OKYM	0	eP	15 23.0		eS	59.3	20	10	10	4	4	4			
	SMSK	0	eP	15 24.4		eS	50.6	8	12	6	2	2	2			
	TKSM	0	eP	15 30.1		eS	50.1									
	TKMT	0	eP	15 33.1		eS	53.9	11	10	2	4	1	1			
	MRTM	0	P	15 38.8		eS	100.2	4	6		5	3		i	8.3	
	HRSM	0	eP	15 53.5		eS	108.5	5	3	6	3	3	3			
14	NGY	0	eP	23 28 45.6	(+)(+)-1	S	23.2	8	6	3	0	1	1			
	HKN	0	S	29 19.5				8	6		0	1				
15	NGY	0	eP	03 27 21.0		-1	eS	24.6	6	6	4	1	1	1		
15	KYT	0	eP	05 29 48.2	-1+1+2	iS	3.7	12	11	3	0	0	0			
	MIZR	0	iP	29 50.7		iS	4.4	11	20	6	0	0	0			
16	NGY	0	eP	06 38 15.3	-1-1+1	S	23.5	14	16	9	2	1	1			松代附近
	HKN	0	eP	38 24.1		S	25.6	18	15	7	1	1	1			Near
	TYOK	0	eP	38 39.6		eS	40.6	12	5		1	1				Mat sushi ro
	OSK	0	X	38 50.8				13	11	5	4	5	2			
16	NGY	0	eP	20 51 09.0	-1 (-)+1	S	23.4	13	11	6	1	1	1			
	HKN	0	eP	51 18.3		iS	27.2	13	11	4	1	1	1			
	OSK	0	X	51 49.8				9	10		4	5				
17	NGY	0	eP	09 28 18.0		S	24.0	9	8	3	1	1	1			
	HKN	0	S	28 52.7				9	6	3	1	2	1			
18	NGY	0	eP	09 36 25.5		eS	48.9	10	9	4	2	2	2			
	HKN	0	eP	36 56.3		eS	30.0	5	8	3	1	1	2			
	OSK	0	X	37 30.4				17	15	7	3	4	3			
19	NGY	0	eP	03 52 29.1		iS	6.9	8	6	3	0	0	0			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			Pha.	Max. Amplitude						Pha.	Pha.	Remarks		
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec.)					
													N	E	Z	N				E	Z
19	OSK	0	iP	11	49	56.0			-4	S	7.7	15	15	4	4	4	3	和歌山県 北東部 NE part of Wakayama Pref. 34.3°N 135.6°E 60 Km (OMO)			
	WKYM	0	P	49	56.4					S	6.8	20	15								
	NR	0	eP	49	56.4					iS	8.2										
	SMT	0	P	49	58.7				-1(+)-1	iS	10.5	5	4	0	0						
	KYT	0	eP	50	00.0					iS	10.9	18	15	3	1	1	0				
	NGY	0	eP	50	24.9				(-)(-)	S	3.1	5	6	3	0	1	1				
	TYOK	0	iP	50	28.2				-10			10	9	4	1	1	1				
19	WKYM	I	P	16	39	29.7				S	0.2	24									
20	WKYM	0	P	08	48	48.8				S	1.0	18	31								
21	NGY	I	eP	10	34	34.5			-1-1+4	S	6.1	23	18	9	0	0	0				
	HKN	0	eP	34	44.4					S	6.3	24	19	8	1	1	1				
22	WKYM	0	P	02	25	43.4				S	8.2	3	3								
22	NGY	0	eP	13	16	15.0			-1	S	35.4	17	11	7	1	2	1				
	HKN	0	eP	16	25.9							13	9	3	2	1	1				
	TYOK	0	eP	16	38.0							11	11		1	1					
	OSK	0	eP	16	41.0					S	43.8	15	21	6	5	5	2				
23	MRTM	0	iP	03	49	57.2			(-)(-)	iS	6.3	38	37	9	1	1	1	徳島県 東方沖 E off Shikoku 33.5°N 134.5°E 40 Km (OMO)			
	TRGS	0	P	50	02.0					S	10.6										
	TKSM	0	eP	50	02.2					iS	9.0										
	SMT	0	P	50	05.1				-1(-)-1	S	12.8	9	3	0	1						
	WKYM	0	eP	50	05.5						10.7	16	17								
	TKMT	0	eP	50	06.4						13.1	5	7	3	2	2	1				
	OKYM	0	iP	50	11.3				(+)(-)(-)	iS	16.0	8	15	4	0	4	0				
	KOB	0	eS	50	27.1																
23	NGY	I	eP	05	44	03.6			+1+1+4	iS	2.0	18	21	10	0	0	0				
24	TYOK	(I)	X	15	08	17.1						6									
24	NGY	0	eP	19	29	57.0				S	19.8	12	11	4	1	1	1				

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			Pha.	Max. Amplitude						Pha.	Pha.	Remarks		
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec.)					
													N	E	Z	N				E	Z
	HKN	0	S	30	28.3							9	8	4	1	1	1				
25	KOB	0	eP	10	09	41.2															
25	WKYM	0	P	20	56	25.2				S	0.7	5	11								
26	NGY	0	eP	08	49	49.8				eS	34.6	32	28	10	2	2	2				
	KYT	0	eP	50	02.3					eS	1	00.3	7	5	3	2	2	3			
	HKN	0	eP	50	08.1							22	13	7	2	2	2				
	TYOK	0	eP	50	28.							26	20		1	1					
	SMT	0	eP	50	29.1					eS	1	0.0	5	4	4	2					
26	TRGS	0	eP	20	52	00.5															
27	NGY	0	P	04	03	49.0			-1-1+3	eS	22.6	65	40	23	2	1	1	松代附近 Near Matsushiro 36.6°N 138.2°E 0 Km (JMA)			
	HKN	0	eP	03	56.7					S	25.8	55	54	31	2	1	2				
	KYT	0	eP	04	01.9					eS	33.0	16	10	7	2	2	5				
	NR	0	eP	04	06.0					eS	36.6										
	OWS	0	P	04	10.6					S	41.4	10	5	6	2	2	2				
	SMSK	0	eP	04	12.1					eS	45.1	10	12	4	2	2	1				
	TYOK	0	eP	04	12.6					S	39.6	31	27		1	1					
	WKYM	0	eP	04	12.9					eS	41.0	29	11								
	SMT	0	eP	04	14.2					eS	45.2	5	7	5	3						
	KOB	0	eX	04	14.5																
	OSK	0	P	04	15.1					S	36.6	70	100	32	5	4	3				
	TKSM	0	eP	04	21.7					eS	50.8										
	OKYM	0	iP	04	28.0					iS	52.0	13	10	9	2	4	2				
	TRGS	0	eP	04	41.3																
	MRTM	0	eP	04	50.2					eS	1	03.3	5	5	2	6	7	5			
27	NGY	0	eP	19	23	05.7			+1	S	22.3	20	17	10	1	1	1	松代附近 Near Matsushiro			
	TYOK	0	eP	23	29.1					eS	38.3	13	7		1	1					
	HKN	0	iS	33	39.4							14	21	7	1	1	1				

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			p~ Pha.	Max. Amplitude						p~ Pha.	Remarks		
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec.)				
													N	E	Z	N			E	Z
	OSK	0	X	24	04	.0						26	38	7	4	5	2			
27	WKYN	0	P	21	46	45.5			S	9.2	49	31							奈良県	
	OVS	2	iP	46	46.4		H1-5	(-)	iS	8.0	37	26	29						中部	
	NR	2	iP	46	46.9		+10		iS	8.6	100	50	50	1	1	1				
	OSK	1	iP	46	47.0		+9-2+14		iS	9.2	85	37	33	2	5	1			Central	
	KOB	0	eP	46	49.0		-2+6		iS	9.6									Part	
	SMT	0	P	46	49.1		(-)(+)		iS	9.7	14	8		1	1				of	
	SMSK	1	iP	46	50.1		-1	+5	iS	11.0	53	36	21	1	1	1			Nara	
	KYT	0	eP	46	50.7		+3	+23	iS	12.3	38	42	25	0	0	0			Pref.	
	TKSM	0	eP	46	53.2				iS	11.8									34.2 N	
	MIZR	0	iP	46	57.6				iS	16.1									135.7 N	
	TRGS	0	P	46	57.6				S	13.2									60km	
	TKMT	0	eP	46	57.8				eS	15.2	16	20	8	1	1	1			(OMO)	
	HKN	0	iP	46	59.3		+6+9+10		iS	12.4	37	30	10	1	1	1				
	HMJ	0	eP	46	59.8				eS	13.4										
	NGY	2	eP	47	00.0				S	20.0	26	48	19	0	0	0				
	OKYM	0	eP	47	00.0				iS	17.0	40	43	10	0	1	1				
	MRTM	0	iP	47	00.1		(+)		iS	19.6	8	7	3	1	1	1				
	TYOK	0	P	47	01.1		H1-1+1		iS	17.9	53	61	18	1	1	1				
	KOCH	0	eP	47	05.1				iS	18.2	25	22	6	1	1	1				
	TTR	0	eP	47	05.7				eS	20.4										
28	WKYM	0	P	01	50	23.8			S	1.3	8	11								
28	WKYM	0	P	17	17	04.7				2.6	43	35								
28	HMD	0	eP	23	06	15.2					11	10	8	10	10	9	eX	4	59.8	
	HRSM	0	eP	06	17.5				eS	4	43.2	29	11	18	12	9	13		China	
	MTYM	0	eP	06	19.9				eS	4	57.0	24	16	14	15	0	10			
	SMZ	0	eP	06	21.0				eS	5	18.1	23	14	6	11	9	9			

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			p~ Pha.	Max. Amplitude						p~ Pha.	Remarks				
				h	m	s	N	E	Z		m	s	Amp. (μ)			Period (sec.)						
													N	E	Z	N			E	Z		
	SIG	0	eP	06	25.2		+2-2+1						9	12	13	7	9	11	eX	5	19.0	
	OKYM	0	eP	06	28.0				eS	5	26.0	15	20	15	4	10	7					27.4 N
	TKMT	0	eP	06	30.6				eS	4	58.0	23	12		13	11						100.1 E
	MRTM	0	P	06	30.7				eS	5	15.3	35	23	15	12	10	10	eX	9	33.3		33 Km
	SMT	0	P	06	33.5		(+)		eS	6	25.4	15	9		14	9						(USCGS)
	TYOK	0	eP	06	36.2							16	17	11	16	19	8	X	5	04.4		
	WKYM	0	eP	06	37.0							17	8		15	10		eX	6	11.7		
	KYT	0	eP	06	42.0				eS	4	59.0	16	7	6	13	7	9					
	OVS	0	P	06	44.5							15	6	11	16	7	16					
	HKN	0	eP	06	53.2							15	9	11	13	11	11					
	OSK	0	eP	06	53.4				eS	5	11.4	42	50	17	5	5	12					
	SMSK	0	eP	16	45.9				eS	5	27.4	23	8		13	14						
30	NGY	0	eP	04	29	22.5			S	24.0	6	6	2	1	1	1						

REPORT OF EARTHQUAKES

Station not equipped with Seismograph

昭和41年9月

September 1966

Date	Station	Prefecture	S.I.	Time J.S.T.	Character of tremor	Earthquake sound	Duration of tremor
2	Kiyokawa	清川	Wakayama	II	22 ^h 36 ^m	heard	
	Kibi	吉備	"	II	38		
4	Kyōjō	京上	Tokushima	III	00 37	heard	
5	Kibi	吉備	Wakayama	I	07 17		
8	Shirahama	白浜	"	II	06 50		
8	"	"	"	I	52		
10	Syōbara	庄原	Hiroshima	I	18 55		
17	Kibi	吉備	Wakayama	I	15 44		
18	"	"	"	II	05 10		
25	"	"	"	II	04 34		
27	Ryūjin	龍神	"	II	21 45	heard	
	Kazaya	風屋	Nara	II	46		
	Kojin-dake	龍神岳	"	II	46		
	Dorogawa	洞川	"	II	46		
	Yamato-shinjyō	太新和庄	"	II	47		
	Futatsuno	二津野	"	II	47		
	Shirakawa	白川	"	II	47		
	Kawakami	川上	"	II	47		
	Kiyokawa	清川	Wakayama	II	47		
	Shirahama	白浜	"	II	47		
Aburahi	油田	Hikone	I	47			

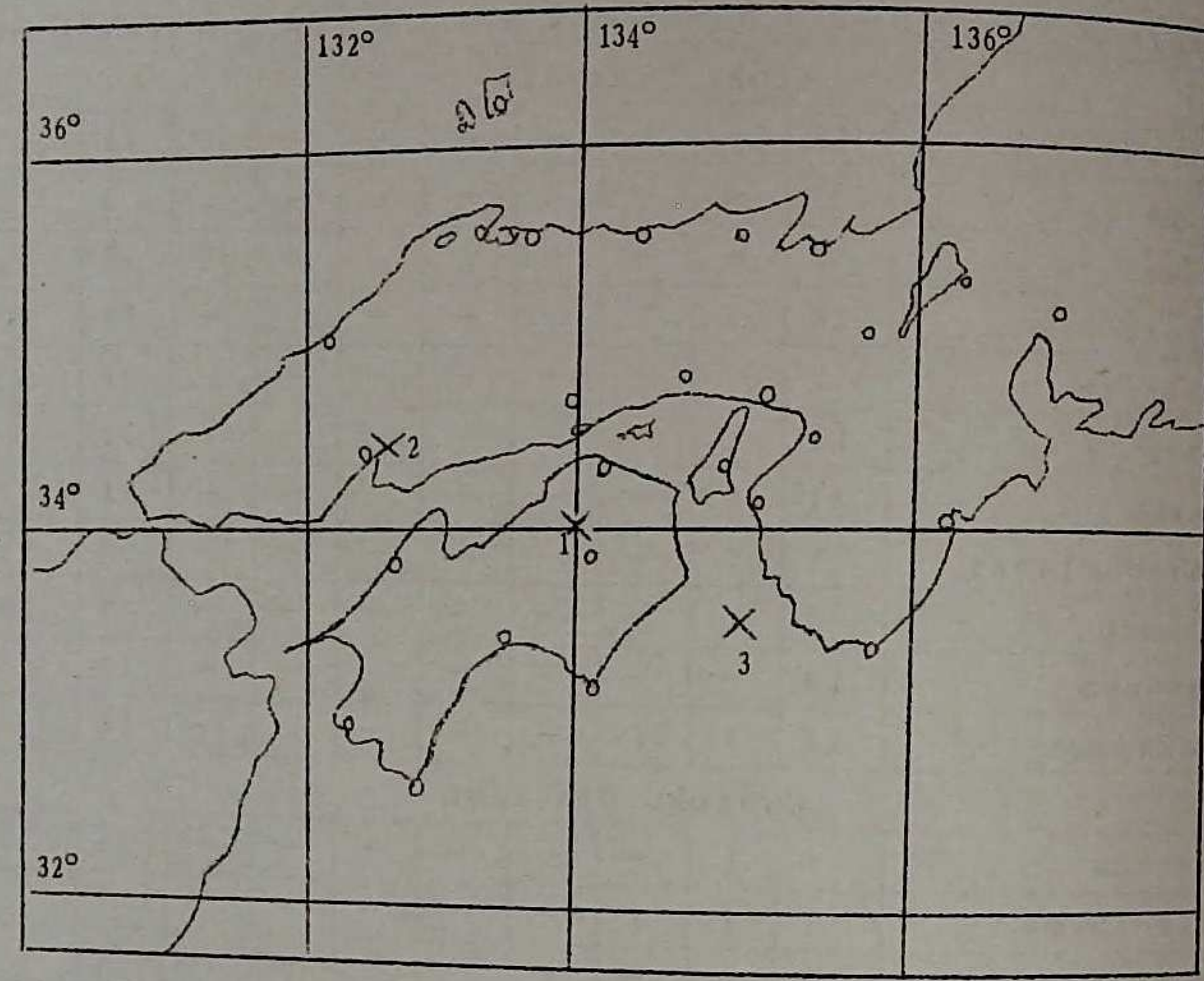
Number of earthquakes

October 1966

Station	S.I.	A Class								Total	B Class
		0	I	II	III	IV	V	VI	VII		
Kinki District											
Hikone		36	—	—	—	—	—	—	—	36	
Himeji		2	—	—	—	—	—	—	—	2	
Kōbe		5	—	—	—	—	—	—	—	5	
Kyōto		18	—	1	—	—	—	—	—	19	56
Maizuru		2	—	—	—	—	—	—	—	2	
Nara		11	1	—	—	—	—	—	—	12	
Ōsaka		21	1	—	—	—	—	—	—	22	
Shionomisaki		6	2	—	—	—	—	—	—	8	
Sumoto		8	1	—	—	—	—	—	—	9	131
Toyooka		19	—	—	—	—	—	—	—	19	
Wakayama		14	3	1	—	—	—	—	—	18	
Chūgoku District											
Hamada		5	1	—	—	—	—	—	—	6	33
Hiroshima		1	1	1	—	—	—	—	—	3	
Matsue		2	—	—	—	—	—	—	—	2	
Okayama		10	—	—	—	—	—	—	—	10	117
Saigō		3	—	—	—	—	—	—	—	3	47
Tottori		3	—	—	—	—	—	—	—	3	
Yonago		2	—	—	—	—	—	—	—	2	
Shikoku District											
Kōchi		3	—	—	—	—	—	—	—	3	
Matsuyama		2	—	—	—	—	—	—	—	2	
Murotomisaki		4	—	—	—	—	—	—	—	4	31
Shimizu		4	—	—	—	—	—	—	—	4	
Takamatsu		8	—	—	—	—	—	—	—	8	
Tokushima		5	1	1	—	—	—	—	—	7	
Tsurugisan		6	1	1	—	—	—	—	—	8	
Uwajima		3	—	—	—	—	—	—	—	3	

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

October 1966



No.	Date.	Origin time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		Depth Km
1	4	00 35 ^{h m}	徳島県西部 W part of Tokushima Pref.	34.0 ^N	134.0 ^E	10	II
2	8	08 37	広島県南西部 SW part of Hiroshima Pref.	34.3	132.5	20	III
3	23	16 04	紀伊水道 Kii Channel	33.6	135.0	40	II

(2)

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			P Pha.	p~ Pha.	Max. Amplitude						p~ Pha.	Remarks		
				h	m	s	N	E	Z			Amp. (μ)			Period (sec.)					m	s
												N	E	Z	N	E	Z				
2	WKYM	2	P	10	26	25.2				iS	0.9	150	100								
	SMT	0	iP	26	30.5		-1	+1	-2	S	3.8	6	4	2	0	0	0				
2	WKYM	1	P	11	00	44.0				S	0.5	16	13								
2	WKYM	0	P	13	35	57.6				S	1.6	36	38								
2	NGY	0	eP	20	21	38.4				eS	5.2	9	9	4	1	1	1				
	HKN	0	eS	22	43.1							15	10	4	1	2	2				
	OSK	0	eX	22	50.5							14	9	5	3	4	8				
3	KYT	2	eP	05	31	34.0	-1	-1	-0	iS	2.8	160	120	19	0	0	0			大阪府北部	
	OSK	1	iP	31	35.4		-4	-3	+52	iS	4.7	26	23	52	0	0	0			N part of Osaka Pref.	
	NR	1	iP	31	36.3		+3		-4	iS	4.9	56									
	KOB	0	eP	31	37.3					eS	5.3										
	MIZR	0	iP	31	42.9					iS	6.4										
	HKN	0	P	31	43.8					iS	8.6	15	11	3	1	1	1				
	HMJ	0	P	31	43.6					S	9.3										
	TYOK	0	eP	31	46.3					S	11.4	21	14	5	1	1	1				
3	NGY	0	eP	11	33	21.0				eS	21.8	19	16	11	1	1	1				
	HKN	0	eP	33	28.8					eS	25.3	16	14	8	2	1	1				
	KYT	0	eP	33	36.8					eS	26.4	6	4	3	3	1	4				
	OSK	0	P	33	50.0					eS	34.0	23	29	10	4	5	4				
3	NGY	0	eP	14	58	23.7						5	8	3	1	1	1				
	OSK	0	eX	59	37.2							9	10		5	5					
4	TRGS	0	eP	00	35	26.5															
4	TRGS	2	iP	00	35	55.2				iS	2.0	740	560	400						徳島県西部	
	TKMT	0	iP	35	59.9					iS	6.4	57	59	24	2	2	3			W part of Tokushima Pref.	
	TKSM	1	eP	36	02.1		-2	-3	+1	iS	7.7	180	190	55	1	1	1				
	KOCH	0	iP	36	05.0		+7	+6	-4	iS	8.7	52	62	14	1	1	1				
	MRTM	1	iP	36	05.7		-1		+1	iS	10.0	29	56	24	1	1	4				

(3)

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p~		Max. Amplitude			Pha.	p~	Remarks			
				h	m	s	N	E	Z		m	s	Amp. (μ)						Pha.	m	s
													N	E	Z						
	OKYM	0	iP	36	07.2		(+)	(+)	iS		11.2	70	50	55	1	1	4				
	SMT	0	iP	36	08.5		-1	-1	-1	S		12.2	76	29	36	0	0	1			
	WKYM	0	P	36	13.2				S		14.7	93	62								
	HMJ	0	eP	36	13.7				eS		13.2										
	MTYM	0	iP	36	13.9		(-)	(+)	(-)	iS		15.0	26	25	9	1	1	1			
	KOB	0	eP	36	16.3				eS		16.8										
	HRSM	1	P	36	19.7		-1	+2	-1	S		18.3	15	16	21	4	4	4			
	OSK	0	iP	36	20.2		+3	+3	+5	S		17.0	57	63	32	5	3	3			
	UMJM	0	eP	36	20.2				eS		18.8										
	SMSK	1	eP	36	21.0		(+)	(-)	(-)	S		19.9	54	82	54	0	0	1			
	YNG	0	P	36	22.9				eS		21.6										
	SMZ	0	P	36	24.6				S		20.4	16	14	5	2	2	2				
	TTR	0	eP	36	24.7				eS		20.0										
	NR	0	eP	36	24.8				eS		20.0										
	TYOK	0	eP	36	25.2				S		23.1	63	57	10	1	1	1				
	MTE	0	eP	36	25.3				S		24.0										
	KYT	0	eP	36	25.6				eS		20.0	12	7	4	2	2	1				
	OWS	0	P	36	26.0				S		23.6	9	8	11	1	4	4				
	HMD	0	eP	36	27.0				eS		24.5	10	9	9	2	4	4				
	HKN	0	eP	36	35.5				eS		24.5	10	9	9	2	4	4				
	NGY	0	eP	36	39.6				eS		32.4	9	11	5	2	1	1				
4	TKSM	0	eP	11	05	13.4			iS		7.0										
6	WKYM	0	P	05	13	48.8			S		4.5	18	23								
	SMSK	0	eP	13	51.0				iS		7.3	7	11	9	0	0	1				
	SMT	0	P	13	52.1		(+)	(-)	(+)	S		7.7	12	6	3	0	0	1			
	OWS	0	P	13	54.8				S		11.2	6	3	1							
	TKMT	0	eP	14	01.4				iS		14.5	7	5	2	1	1	1				

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p~		Max. Amplitude			Pha.	p~	Remarks				
				h	m	s	N	E	Z		m	s	Amp. (μ)						Pha.	m	s	
													N	E	Z							N
6	HKN	0	eP	06	33	54.4			iS		3.0	9	8	3	0	0	0					
6	NGY	0	eP	11	32	11.4			eS		24.2	6	5	3	1	1	1					
6	HKN	0	eP	12	32	18.9			eS		26.2	10	6		1	1						
8	OSK	0	iP	01	05	36.7											X 8	30.3	ローヤリティ			
	SMT	0	P	05	36.7		(+)	(-)	+1	iS		8	31.2	6	6	6	5	5	4	X 9	43.9	諸島
	KYT	0	iP	05	37.3		+0	-0	+0	eS		8	31.8	6	4	5	6	6	4			LoYalty Is.
	HKN	0	P	05	38.2					S		8	31.9	9	4	7	1	2	2			
	TYOK	0	iP	05	43.6		+6	-3	+9	iS		8	37.4	8	5	8	4	8	2			
	HMD	0	eP	05	46.6				+5					7	5	5	5	3	4	eX 2	26.6	
	SIG	0	iP	05	50.5		+0	-0	+1					7	3	5	5	5	2	iX 8	43.5	
8	HRSM	2	iP	08	37	50.3	+19	-10	+37	iS		3.0		51		0						広島県
	MTYM	0	iP	37	56.8		-8	+4	+11	iS		7.0	50	28	23	1	1	0				南西部
	HMD	0	P	37	58.4		+3	-1	+3	S		9.2	15	33	10	0	0	0				SW part of Hiroshima Pref.
	TRGS	0	P	37	-					S		16.6										
	UWJM	0	eP	38	06.0					eS		14.3										
	KOCH	0	iP	38	06.1		+7	-7		iS		15.2	44	78	15	1	1	1				34.3°N
	OKYM	0	iP	38	07.0		(-)	(-)	(-)	iS		16.0	80	40	13	1	1	1				132.5°E
	TKMT	0	eP	38	07.9					eS		16.9	23	22	9	1	1	1				20 Km (OMO)
	MTE	0	P	38	08.0					iS		17.4										
	YNG	0	eP	38	10.0					iS		17.1										
	TKSM	0	eP	38	14.7					eS		22.7										
	MRTM	0	eP	38	17.0					S		24.0	8	10	4	1	1	2				
	SMZ	0	eP	38	17.4					eS		9.6	5	5	2	2	1	1				
	TTR	0	eP	38	18.6					eS		23.6										
	SIG	0	P	38	18.9		+0	+0	+0	iS		29.5	7	7	3	1	1	1				
	TYOK	0	eP	38	31.0					eS		23.6	34	25		1	1					
8	TYOK	0	P	13	49	27.0	(-)	(-)		eS		5.5	29	21	9	1	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			m	s	Amp. (μ)			Period (sec.)					
														N	E	Z	N				E	Z
	OKYM	0	iP	0	38.9				(-)			10	8	5	0	1	0					
8	TRGS	0	eP	21	02	47.4																
8	NGY	0	eP	21	02	51.0				cS		37.8	27	26	11	2	1	2				
	KYT	0	eP		03	04.5			+0-0	eS		46.0	9	6	4	2	1	3				
	HKN	0	eP		03	06.7				eS		39.1	30	20	11	2	2	2				
	NR	0	eP		03	07.1																
	OSK	0	eP		03	23.0				eS		34.4	34	40	20	3	4	2				
	TYOK	0	eP		03	31.1				eS		59.1	36	16	6	1	1	2				
12	NGY	0	eP	03	36	17.7				S		22.7	12	8	4	1	1	1				
	HKN	0	eP		36	25.8				S		26.3	7	6	3	1	1	1				
12	OSK	0	P	09	15	17.6							14	18	5	5	5	4	iX	6	572	
12	SMSK	0	eP	12	31	56.1				iS		2.9	9	15	9	0	0	0				
13	NGY	0	P	06	02	06.0			+4+2-3	iS		22.4	78	69	29	1	1	1			松代付近	
	HKN	0	eP		02	10.6				S		28.1	60	76		1	1				Near	
	KYT	0	eP		02	19.5				iS		34.2		10	5		1	1			Matsushiro	
	NR	0	eP		02	19.7															36.6°N	
	OVS	0	P		02	23.0															138.2°E	
	TYOK	0	eP		02	28.7				S			4	6	5	1	1	2			0 Km	
	SMT	0	eP		02	29.1				eS		39.1	31	26	6	1	1	2			(JMA)	
	OSK	0	P		02	31.9				S		50.9	4	7	3	4	3	4	iX	12.4		
	SMSK	0	eP		02	39.5				eS		38.0	43	62	17	4	5	2				
	WKYM	0	eP		02	39.7				S		46.3	7	6	5	2	2	1				
	OKYM	0	eP		02	44.6				iS		41.3	14	10								
14	OKYM	0	iP	23	45	12.5			(+)(-)(-)	iS		53.0	15	10	5	2	2	2				
	TKMT	0	eP		45	17.0				iS		12.1	13	10	4	0	1	1				
	TYOK	0	P		45	49.6						15.0	5	6		0	0					
16	UWJM	0	eP	12	10	07.2				iS			21	13		1	1					
											7.2											

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.)					
														N	E	Z	N				E	Z
16	WKYM	0	P	13	23	15.6				S		2.1	29	33								
16	WKYM	0	P	14	18	14.8				S		3.1	14	18								
16	WKYM	0	P	15	00	00.5				S		2.3	17	19								
16	OSK	0	eX	18	15	24.2							14	13	8	4	4	2				
17	WKYM	0	P	02	23	35.2				S		1.0	35	29								
18	SIG	0	X	07	01	18.0							8	8	15	18	18	18	X	49	56.0	ペルー
	MTYM	0	eP		01	19.7							15	13	19	20	19	19				沿岸
	HRSM	0	eX		01	22.0							11	13	24	22	19	19	eX	15	45.0	Peru
	SMZ	0	eP		01	22.8							6	5	12	18	19	5	X	16	31.4	10.7°S
	OVS	0	eP		01	23.0							6	9	10	17	18	18				78.7°W
	MRTM	0	eP		01	23.1							14	10	14	18	19	5	eX	3	57.0	38 Km
	HKN	0	eP		01	27.8							13	19	25	26	30	33				(USCGS)
	OKYM	0	eP		01	28.0							10	20	15	22	20	18	eL	47	32.8	
	HMD	0	eP		01	28.5							6	7	7	20	18	5	eL	48	09.1	
	SMT	0	P		01	30.5							8	11	12	20	18	17	L	46	45.0	
	SMSK	0	eP		01	31.1							28	34	8	22	19	20	eX	10	10.0	
	OSK	0	P		01	31.3							28	36	26	5	4	21	eX	46	12.8	
	KYT	0	eP		01	32.4							7	11	10	20	21	20	eX	37	04.6	
	TYOK	0	X		01	32.8							22	16	13	19	21	22	X		31.7	
	WKYM	0	eP		01	33.1							13	34	13	19	19	19	eX	21	33.0	
	TKMT	0	eP		01	36.3							14	19	9	19	19	20	eX	10	55.0	
	NGY	0	eP		01	40.5				+1			9	14	15	20	21	21	X	46	07.5	
	KOB	0	eX		48	41.0																
19	NGY	0	P	00	05	17.7			+2+2-3	iS		22.7	39	49	20	1	1	1				松代村
	HKN	0	eP		05	22.9				S		27.7	26	28	10	1	1	1				近
	KYT	0	eP		05	28.2				iS		36.0	5	9	3	1	1	1				Near
	NR	0	eP		05	31.4																Matsu-shiro

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p~ Pha.	Rem-arks	Max. Amplitude										
				h	m	s	N	E	Z				m	s	Amp. (μ)			Period (sec.)					
															N	E	Z	N	E	Z			
	OWS	0	P	05	35	0			S	52.5			5	3	4	1	1	1					
	TYOK	0	P	05	41	4			eS	38.8			14	18	4	1	1	1					
	OSK	0	eP	05	43	6			(-) eS	38.1			15	18	10	3	4	2					
	OKYM	0	eP	05	57	5			iS	51.6			8	10	5	1	1	1					
19	NGY	I	P	16	50	11.7		-1	-1	+2	S	9.5	30	30	13	0	0	0					
	HKN	0	eP	50	22	0			S	13.5			45	38	15	1	1	1					
	NR	0	eP	50	25	0			eS	22.1													
	KYT	0	eP	50	28	2			iS	20.9			5	6	1	1	0	1					
20	WKYM	0	P	20	26	51.4			S	1.5			30	11									
20	KYT	0	eP	20	36	53.7			eS	3.9			6	14	2	1	0	0					
22	WKYM	I	P	20	03	04.5			S	1.2			27	28									
23	OSK	0	eX	02	32	48.2							9	10		3	4						
23	NGY	0	P	11	14	44.2		-2	-2	+3	S	21.8	38	40	21	2	1	1					
	HKN	0	eP	14	51	2			S	26.4			50	50	22	1	1	1					
	KYT	0	eP	14	57	2							10	10	3	1	0	1					
	NR	0	eP	15	00	7																	
	OWS	0	P	15	06	0			S	43.0			5	4	4	1	1	1					
	OSK	0	P	15	09	0			S	39.0			26	36	12	5	5	2					
	OKYM	0	eP	15	13	5			eS	53.0			15	10	6	1	1	2					
	WKYM	0	P	15	17	8			S	45.5			7	6		1	1						
	SMSK	0	eP	15	21	6			eS	46.8			7	7	3	2	2	1					
	TYOK	0	eP	15	-	-							34	32		1	1						
23	WKYM	0	P	16	04	31.9			S	7.4			120	110		0	0						
	SMSK	I	iP	04	32	1		-3	+3	+6	iS	8.7	42	28	19	2	2	1					
	TKSM	II	iP	04	32	5		-9	+15	-19	iS	7.8	230	350	73	1	1	1					
	TRGS	I	P	04	33	3			S	10.3													
	SMT	I	iP	04	33	9		-12	-1	-15	iS	9.3	67	67	13	0	0	0					

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion (μ)			Pha.	p~ Pha.	Rem-arks	Max. Amplitude										
				h	m	s	N	E	Z				m	s	Amp. (μ)			Period (sec.)					
															N	E	Z	N	E	Z			
	MRTM	0	iP	04	35	3		-2	-2	+0	iS	10.0	34	55	15	1	0	0					
	KOB	0	eP	04	37	6				-11	eS	13.9											
	TKMT	0	eP	04	37	8					iS	12.5	28	38	16	1	1	1					
	OWS	0	P	04	38	0					iS	12.5	8	6	5	2	1	1					
	KOCH	0	iP	04	38	4					iS	15.5											
	OSK	0	P	04	39	4					iS	14.4	34	35	17	1	3	2					
	NR	0	eP	04	41	1					iS	14.6											
	OKYM	0	iP	04	42	1		(+)	(-)		iS	16.4	45	50	10	0	1	1					
	KYT	0	iP	04	44	5					iS	17.9	12	10	4	1	1	1					
	TYOK	0	eP	04	49	9					eS	38.2	25	26		1	1						
	HKN	0	eP	04	50	0					S	23.4	31	19	6	1	1	1					
	TTR	0	eP	04	52	2					eS	22.4											
	NGY	0	eP	04	58	5					eS	27.5	13	11	3	3	3	1					
23	TKSM	0	eP	17	56	55.8					eS	4.4											
23	WKYM	I	P	21	52	42.0					S	0.7	24	70									
	SMT	0	iP	52	46	2		(-)	(+)	-1	S	3.3	5	3	1	0	0	0					
23	TRGS	0	eX	22	32	50.2																	
25	NGY	0	P	19	08	54.0					S	21.6	25	25	13	1	1	2					
	TYOK	0	eP	08	58	9					eS	27.8	25	25	8	1	1	1					
	HKN	0	eP	09	04	6					eS	31.6	7	6	2	1	1	1					
	KYT	0	eP	09	08	0					eS	31.6	7	6	2	1	1	1					
	NR	0	eP	09	08	5																	
	OSK	0	eP	09	24	0							16	16	9	2	2	2	eX	43.0			
26	NGY	0	iP	03	04	42.4		+12	+8	-11	S	24.0	200	190	100	1	1	1					
	HKN	0	P	04	48	2					S	29.6	160	110	52	1	1	1					
	MIZR	0	eP	04	53	2					eS	43.0											
	KYT	0	iP	04	53	8		+2	+2	-2	eS	36.8	41	30	15	1	2	5					

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			Pha.	p~ Pha.	Max. Amplitude						Remarks							
				h	m	s	N	E	Z			m	s	Amp. (μ)			Period (sec.)								
														N	E	Z	N		E	Z					
	NR	0	eP	04	56	.4				eS		36.8													
	KOB	0	eP	04	59	.4				eS		55.3													
	OSK	0	P	04	59	.9				S		37.0	19	02	20	74	3	4	3						
	OWS	0	P	05	00	.0				S		40.0	15		14	1		4							
	WKYM	0	P	05	05	.4				S		45.2	26	36		1		1							
	TYOK	0	P	05	05	.7			(-)	S		41.5	95	110	29	1	1	3							
	SMT	0	P	05	07	.5			(-)	S		40.9	21	18	12	4	4	4							
	TKMT	0	eP	05	16	.9				eS	1	07.2	24	19		5	5	1							
	SMSK	0	eP	05	17	.8				eS		47.2	21	26	11	3	3	1							
	MRTM	0	P	05	23	.5				iS	1	23.5	13	13	10	4	5	5							
	OKYM	0	eP	05	25	.8				eS		52.0	30	30	18	3	4	4							
	TRGS	0	eX	05	27	.6																			
	HMD	0	P	05	32	.0			+0 +0	S	1	17.0	8	7	5	4	4	4							
	SMZ	0	eP	06	06	.0				eS	1	10.0	9	8	5	4	4	4							
26	NGY	0	eP	03	14	15.0				eS		24.2	6	6	2	1	1	1							
26	KYT	0	eP	14	22	31.7				eS		1.7	9	6	2	0	0	1							
27	NGY	I	iP	01	47	39.0			+1 -4 +4	S		15.8	25	30	13	1	1	1							大井川
	HKN	0	P		47	51.0				S		22.3	40	31	13	1	1	1							下流域
	NR	0	eP		47	56.7				eS		25.6													S part of
	KYT	0	eP		47	56.8				eS		27.2	5	8	4	1	1	1							Shizuoka
	OSK	0	eP		48	01.4				S		32.0	19	13	8	3	1	3							Pref.
	TYOK	0	eP		48	14.0				S		34.5	45	24	6	1	1	1							
27	TKSM	0	eP	03	05	13.0																			
27	TYOK	0	P	15	07	22.9																			
	HKN	0	S		07	27.5						13	7	4	1	1	1								
	OSK	0	iP		07	28.8						10	7	5	1	1	1								
27	OSK	0	X	18	22	13.4			+6			8	9	10	2	2	2								
												6	8		3	3									

Date	Station	S.I.	Pha.	Time (J.S.T.)			Initial Motion(μ)			Pha.	p~ Pha.	Max. Amplitude						Remarks							
				h	m	s	N	E	Z			m	s	Amp. (μ)			Period (sec.)								
														N	E	Z	N		E	Z					
27	NGY	0	eP	23	24	39.0			-1 +1 (+)				16	31	11	3	3	3	X	3	04.2	マリアナ			
	MRTM	0	P		24	41.6				eS	2	52.2	4	5		4	4		eL	4	57.7	諸島近海			
	KYT	0	eP		24	45.2				eS	2	46.8	4	5	3	4	6	4						Marianas	
	OSK	0	X		24	49.2							37	29	9	4	4	3						Is.	
	HKN	0	P		24	50.4				S	3	02.7	18	24	5	3	4	4							
	HMD	0	P		25	08.8			-1 -1	S	3	20.3	6	14	8	5	7	6							
28	NGY	0	eP	20	04	00.0				S		20.4	32	23	15	1	1	1							
	HKN	0	eP		04	07.4				S		24.2	35	31	10	1	1	1							
	TYOK	0	eP		04	22.9				S		37.9	18	11		1	1								
28	NGY	0	eP	22	21	11.4				eS		27.0	41	43	18	1	1	1							千葉県
	HKN	0	eP		21	22.0				S		36.2	30	36	17	1	1	1							北部
	NR	0	eP		21	25.8																			N part
	KYT	0	iP		21	26.0			-1 +0	eS		42.4	10	10	4	1	1	2							of
	TYOK	0	eP		21	35.1				eS	1	11.8	36	25	6	1	1	1							Chiba
	WKYM	0	eP		21	35.6				eS		46.0	7	6		2	2								Pref.
28	WKYM	0	P	23	17	17.5				S		1.1	11	11											
29	TKSM	0	eP		32	52.2				iS		1.0													
	TKMT	0	eP		32	53.6				iS		5.2	10	7	3	0	0	0							
	TRGS	0	P	19	32	-				S		12.0													
30	KYT	II	iP	03	21	15.6			+1 +1 +11	iS		1.7	110	89	17	0	0	0							
31	NGY	0	eP	04	05	03.6				eS		38.8	28	19	7	2	3	2							
	HKN	0	eP		05	11.9							14	11		2	2								
	KYT	0	eP		05	18.7				eS		53.5	5	4	3	1	1	2							
	OSK	0	eX		05	39.1							28	37	15	4	5	2							
	TYOK	0	eP		05	40.2							14	12		1	1								

Station not equipped with Seismograph

昭和41年10月

October 1966

Date	Station	Prefecture	S.I.	Time J.S.T.	Character of tremor	Earthquake sound	Duration of tremor
3	Kameoka	亀岡	Kyoto	II	05 ^h 30 ^m	—	
	Sueno	末野	Hyogo	II	33	heard	
	Kozindake	荒神岳	Nara	I	32	—	
4	Sakasu	坂州	Tokushima	II	00 35	—	
	Iwakura	岩倉	"	I	36	heard	
	Saijō	西条	Ehime	I	36	—	
6	Futatsuno	二津野	Nara	II	05 14	—	
	Shirahama	白浜	Wakayama	II	14	—	
8	Chiyoda	千代田	Hiroshima	II	08 30	heard	
3	Hatsukaichi	廿日市	Hiroshima	III	08 37	—	
	Kurahashi	倉橋	"	III	38	—	
	Kake	加計	"	III	38	—	
	Kure	呉	"	III	38	—	
	Yoshida	吉田	"	II	34	—	
	Kabe	可部	"	II	37	heard	
	Kōchi	河内	"	II	37	—	
	Kōzan	甲山	"	II	37	heard	
	Ōtake	大竹	"	II	38	—	
	Ihara	井原	"	II	38	heard	
	Seranishi	世羅西	"	II	38	—	
Ōasa	大朝	"	II	40	—		
Saijō	西条	"	II	40	—		

Date	Station	Prefecture	S.I.	Time J.S.T.	Character of tremor	Earthquake sound	Duration of tremor
	Toyosaka	豊栄	Hiroshima	II	08 ^h 40 ^m	—	
	Innoshima	因島	"	I	40	—	
	Yutaka	豊	"	I	37	—	
	Syōbara	庄原	"	I	38	—	
	Kisa	吉舎	"	I	55	—	
11	Funō	布野	"	II	06 15	—	
11	Tsutsuga	筒賀	"	I	08 50	—	
14	Yahoko	八銚	"	II	23 46	—	
	Syōbara	庄原	"	II	47	—	
	Hiwa	比和	"	II	53	heard	
20	Hōshōji	法勝寺	Tottri	I	19 49	—	
23	Futatsuno	二津野	Nara	II	16 04	—	
	Kibi	吉備	Wakayama	II	04	—	
	Kiyokaya	清川	"	II	05	heard	
	Shirahama	白浜	"	I	04	—	
	Ryūjin	竜神	"	I	05	heard	
28	Kamiyanaze	上魚梁瀬	Kochi	II	06 45	—	
29	Kiyokawa	清川	Wakayama	II	15 25	heard	
30	Kameoka	亀岡	Kyoto	I	03 22	—	

大阪管区
地震月報

昭和41年 $\frac{11}{12}$ 月

THE MONTHLY REPORT OF EARTHQUAKES

November
December 1966

大阪管区气象台

The Osaka

District Meteorological Observatory

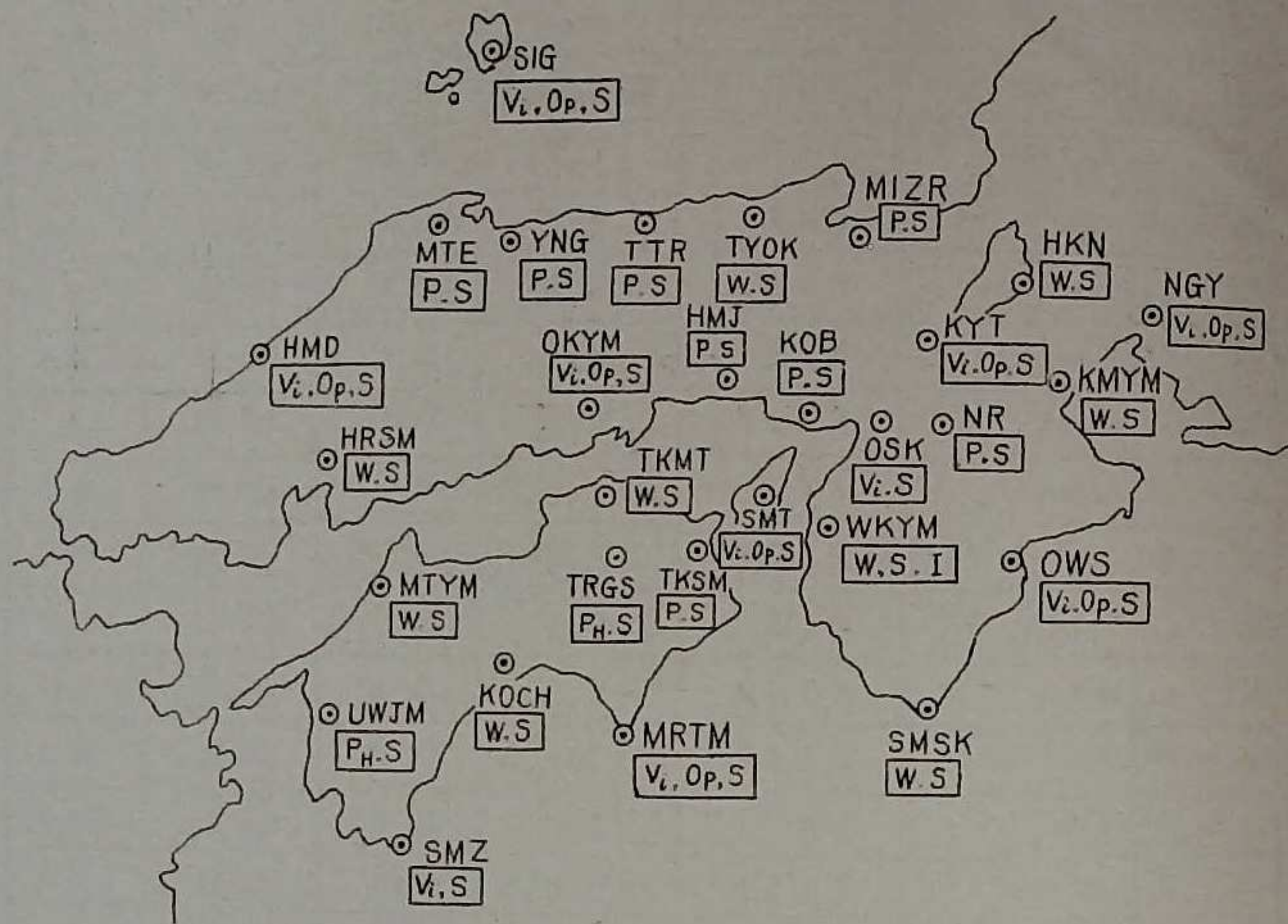
Japan

観測所一覧表

List of Station

Station	Abbreviation	Seismo- graph	Lat. (N)	Long. (E)	Height (m)
浜田 Hamada	HMD	Vi,Op,S	34°54'	132°04'	19.6
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	P,S	33 33	133 32	2
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	P,S	35 27	133 04	18.7
松山 Matsuyama	MTYM	W,S	33 50	132 47	32.4
室戸岬 Murotomisaki	MRTM	Vi,Op,S	33 15	134 11	185.9
奈良 Nara	NR	P,S	34 41	135 50	105.0
岡山 Okayama	OKYM	Vi,Op,S	34 41	133 55	3.8
大阪 Osaka	OSK	Vi,S	34 39	135 32	5.1
西郷 Saigo	SIG	Vi,Op,S	36 12	133 20	28.3
清水 Shimizu	SMZ	Vi,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,I	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
($T_0 = 1.5, V = 500 \text{ or } 1000$)
- 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
($T_0 = 5 \sim 6, V = 1$)
- Vi: Electromagnetic seismograph with visible recorder
($T_0 = 5, V = 100$)
- W: Wiechert's seismograph
($T_0 = 5, V = 80$)
- I: Ishimoto's seismograph
($T_0 = 5, V = 300$)

Number of earthquakes

November, 1966

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

Kinki District

Hikone	18	—	—	—	—	—	—	—	18	
Himeji	0	—	—	—	—	—	—	—	0	
Kōbe	8	—	—	—	—	—	—	—	8	
Kyōto	10	—	2	—	—	—	—	—	12	43
Maizuru	3	—	1	—	—	—	—	—	4	
Nara	5	—	—	—	—	—	—	—	5	
Ōsaka	16	—	—	—	—	—	—	—	16	
Shionomisaki	5	—	—	—	—	—	—	—	5	
Sumoto	8	1	—	—	—	—	—	—	9	103
Toyooka	12	—	—	—	—	—	—	—	12	
Wakayama	9	3	—	—	—	—	—	—	12	

Chūgoku District

Hamada	3	1	—	—	—	—	—	—	4	37
Hiroshima	3	—	1	—	—	—	—	—	4	
Matsue	0	—	—	—	—	—	—	—	0	
Okayama	7	1	—	—	—	—	—	—	8	111
Saigō	5	—	—	—	—	—	—	—	5	146
Tottori	3	—	—	—	—	—	—	—	3	
Yonago	2	—	—	—	—	—	—	—	2	

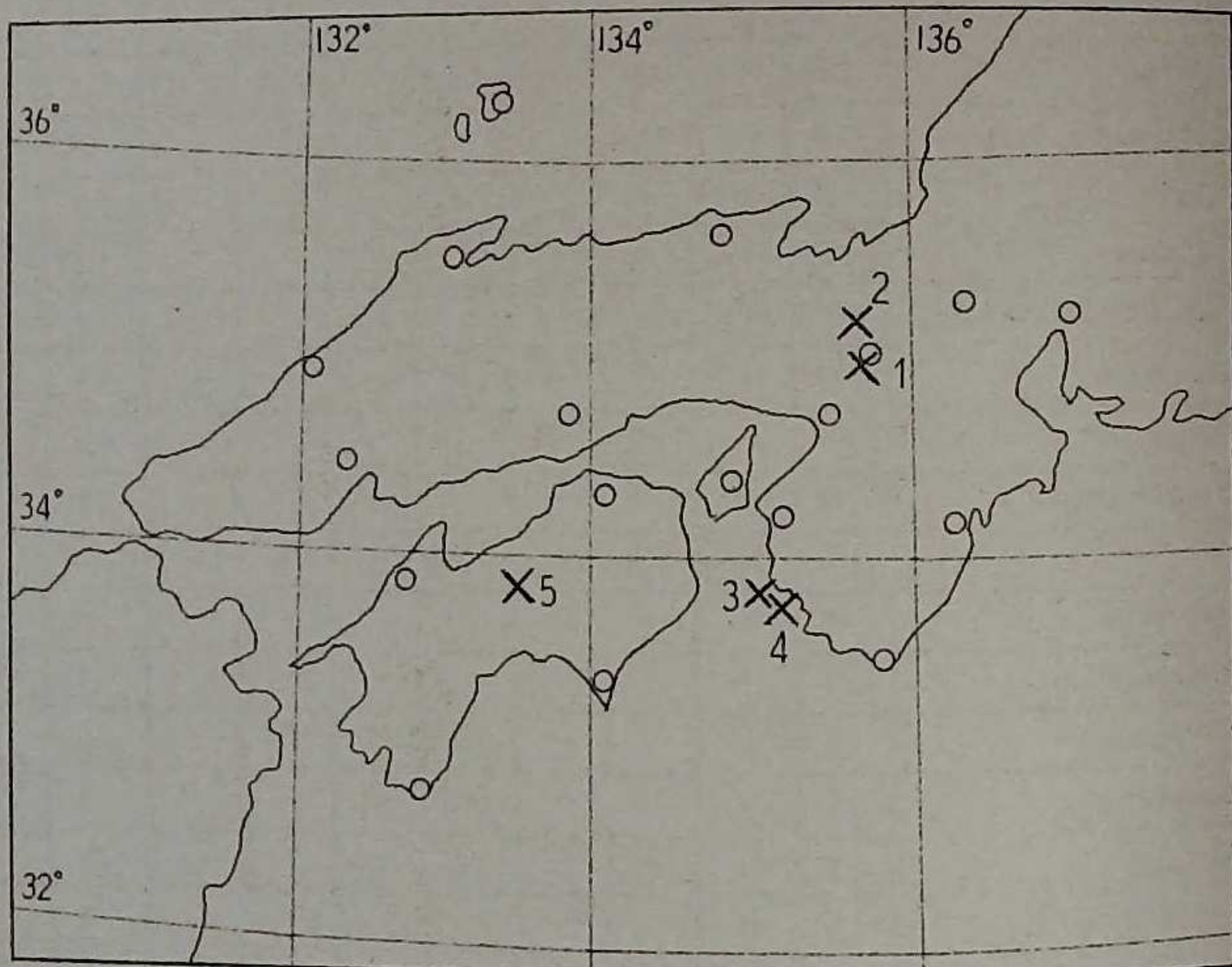
Shikoku District

Kōchi	1	—	1	—	—	—	—	—	2	
Matsuyama	5	1	—	—	—	—	—	—	6	
Murotomisaki	5	—	—	—	—	—	—	—	5	34
Shimizu	5	—	—	—	—	—	—	—	5	
Takamatsu	5	—	—	—	—	—	—	—	5	
Tokushima	5	—	—	—	—	—	—	—	5	
Tsurugisan	7	—	—	—	—	—	—	—	7	
Uwajima	5	1	1	—	—	—	—	—	7	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and portable seismographs. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

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

Nov. 1966



Nov. 1966

No.	Date	Origin Time (J.S.T.)	Epicenter			Max. S.I.	
			Location	Lat.	Long.		Depth
1	4	05 ^h 39 ^m	京都付近 Near Kyoto	°N 35.0	°E 135.7	km 10	II
2	12	22 25	京都府中部 Central part of Kyoto Pref.	35.2	135.6	10	III
3	13	15 00	和歌山県沿岸 Off W coast of Wakayama Pref.	33 ³ / ₄	135.0	20	II
4	18	09 19	和歌山県沿岸 Off W coast of Wakayama Pref.	33.7	135.2	20	II
5	29	06 55	高知県北部 N part of Kochi Pref., Shikoku	33.8	133.5	30	III

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			
1	UWJM	0	eX	09:01:25											
1	HMD	0	eP	15:57:42		iS	46	4	8	1	0	0	0		
1	HKN	0	eP	16:03:19		eS	1468	8	6	3	3	2	2		十勝川 中流域 Hokkaido
	OSK	0	eP	03:49				9	10		3	4			
1	OSK	0	eX	20:35:15				5	6		5	4			
2	TRGS	0	eP	09:23:09											
	SIG	0	P	23:29	(-)(-)(-)	S	161	4	5	3	2	2	2		
2	OSK	0	eX	09:25:02				12	8	5	4	3	2		
3	HRSM	(1)	X	04:40:55		iS	63	4	5	5	0	0	0		
4	KYT	2	iP	05:39:06	+1 +7 +41	iS	16	200	140	48	0	0	0		京都付近
	NR	0	iP	39:10	-4 +15	iS	44	50			0				Kyoto Pref.
	OSK	0	iP	39:11	-2	iS	44	25		9	3		0		{ 350°N 1357°E 10 Km
	KOB	0	eP	39:14		eS	71								
	MIZR	0	iP	39:15		iS	63								
	HKN	0	eP	39:16		S	72	21	17		1	1			
	SMT	0	P	39:20	-1	iS	123	7	4	2	0	1	1		
	TYOK	0	eP	39:22		iS	118	20	14	7	1	1	1		
	OWS	0	P	39:23		S	122	9	8	2	-	-	-		
4	NGY	0	P	07:41:06		iS	62	19	12	7	0	0	0		
4	WKYM	0	P	23:49:04		S	07	11	8		-	-			
5	UWJM	0	eP	13:37:31		iS	58								
5	UWJM	1	eP	15:43:12		eS	70								伊予灘
	MTYM	0	eP	43:18		iS	82	7	9		1	1			NW off Shikoku
	SMZ	0	eP	43:21		S	160	8	7	3	0	0	0		{ 335°N 1320°E 20 Km
	TRGS	0	eP	43:35											
6	WKYM	1	P	23:04:40		S	14	22	31		-	-			
8	SMZ	0	eP	17:35:19		eS	42	5	6	2	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.)					
								m	s	N E Z	N	E	Z			
8	NGY	0	eP	18:09:339		S	417	7	6	5	1	1	1			
8	NGY	0	eP	22:16:000		S	372	8	8	5	1	1	1			
	HKN	0	eP	16:159		eS	348	8	6	2	1	1	1			
	OSK	0	eX	16:593				6	8		2	3		eX	207	
11	WKYM	1	P	06:49:358		S	05	39	17							
12	UWJM	0	eP	21:02:150		S	266									
	HMD	1	P	02:206	+1	S	274	69	81	35	2	3	2			
	MTYM	0	eP	02:215		iS	305	87	72	30	0	0	2			
	SMZ	0	eP	02:223		S	362	98	110	90	2	2	3			
	HRSM	0	iP	02:225	+4 +5 +5	iS	274	61	64	70	2	2	2			
	MRTM	0	iP	02:335	(+) (+)	S	419	25	17	8	3	5	3			
	OKYM	0	iP	02:365	(-) (-) (-)	iS	52.0	140	85	60	4	4	4			
	TKMT	0	eP	02:381		eS	483	69	51	16	2	1	2			
	TKSM	0	eP	02:404		eS	598									
	TRGS	0	eP	02:40-		S	468									
	YNG	0	eP	02:422		S	489									
	SIG	0	P	02:459	(-) (-) (-)	S	597	30	41	19	2	2	2			
	SMT	0	P	02:486	(-) -1	eS	512	38	29	16	3	2	4			
	TTR	0	eP	02:490		eS	582									
	SMSK	0	eP	02:560		eS	1 06	14	13	10	3	2	2			
	TYOK	0	eP	02:561				170	190	25	1	2	1			
	OSK	0	eP	02:563		eS	557	110	99	56	5	3	3			
	NR	0	eP	02:572												
	KYT	0	eP	02:578		eS	1 58	20	12	7	3	2	4			
	OWS	0	P	02:580				15	6	10	3	2	5			
	WKYM	0	eX	03:007		S	503	40	38							
	MIZR	0	eP	03:058		eS	1 14									

有明海
W off
Kumamoto
Pref.,
Kyushu
{ 331°N
1302°E
10 Km

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.)					
								m	s	N E Z	N	E	Z			
	KOB	0	eX	03:05-												
	NGY	0	eP	03:120	(+) +1	S	1 360	73	52	13	3	2	3			
	HKN	0	eP	03:190		S	1 101	62	49	17	3	2	3			
12	NGY	0	eP	21:51:486	(+) +1	eS	1 394	23	22	8	3	3	-			
	HKN	0	P	51:537		eS	1 394	12	10	5	3	2	3			釧路沖
	KYT	0	eP	51:588		eS	1 512	6	4	3	7	13	9			SE off
	TYOK	0	P	52:014	(-) (-) (+)			11	9	8	13	13	14			Hokkaido
	OSK	0	P	52:048				47	50	13	5	5	3			{ 416°N 1445°E 60 Km
	SIG	0	iP	52:086	+1 -2 (+)			4	7	4	3	3	2	X	3 214	
	SMT	0	eP	52:118	(-) (-)	eS	2 116	9	7	6	22	20	12			
	OKYM	0	iP	52:155	(+) (-)									eX	3 300	
	TKMT	0	eP	52:181										eX	3 162	
	TRGS	0	eP	52:26-												
	MRTM	0	P	52:268				6	8		6	6				
	MTYM	0	eP	52:338				8	5	7	21	30	21	eX	3 262	
12	MIZR	2	iP	22:25:398	+8 -8 +19	iS	40	74	170	47	0	0	0			
	KYT	2	iP	25:410	-2 +5 +10	iS	26	42	48	10	0	0	1			京都府中部
	HKN	(1)	P	25:447		iS	62	53	56	17	1	1	1			Central
	NR	0	iP	25:469	+6	iS	80									part of
	KOB	0	eX	25:486												Kyoto Pref.
	NGY	0	eP	25:486		S	202	5	7	4	0	0	0			{ 352°N 1356°E 10 Km
	OSK	(1)	eP	25:490		iS	83	11	17	6	5	2	2			
	TYOK	0	eP	25:495		iS	90	39	39	22	1	1	1			
	TTR	0	eP	25:582		eS	162									
	OKYM	0	iP	26:025	(+) (+) (-)	iS	202	10	20	5	1	1	0			
13	OSK	0	eX	03:55:140				8	10		3	4				
13	HKN	0	P	06:35:487		iS	60	6	6	2	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			
13	SMT	0	iP	15:00 160	+1 (-) +1	iS	88	13	4	0	1			和歌山県 沿岸 Woff Wakayama Pref. { 33 $\frac{3}{4}$ °N 1350°E 20 Km	
	SMSK	0	eP	00:164		iS	78	10	17	7	0	0	0		
	WKYM	0	P	00:186		S	40	31	41	-	-				
	TKMT	0	eP	00:263		eS	139	8	7	4	1	1	1		
	OKYM	0	eP	00:326		iS	160	15	20	10	0	1	1		
13	WKYM	1	P	18:44 449		S	11	110	190	-	-				
	SMT	0	P	44 501	(-) +1 -1	S	41	5	2	1	0	0	0		
14	WKYM	0	P	23 05 036		S	1	146							
14	NGY	2	P	23:05 294	-2 -1 +6	iS	50	140	190	51	0	0	0	愛知県西部 W part of Aichi Pref. { 352°N 1368°E 15 Km	
	HKN	(1)	P	05:350		iS	78	100	73	45	1	1	1		
	KYT	0	eP	05:404		iS	130	6	8	2	0	0	1		
	NR	0	eP	05:428		S	134								
	OWS	0	P	05:44.1	(-)	S	195	5	5	2	1	1	1		
	MIZR	0	iP	05:447		iS	174								
	KOB	0	eX	05:472											
	TYOK	0	eP	05:542		eS	216	28	22	9	1	1	1		
	SMSK	0	eP	06:064		S	200	8	7	0	2				
16	NGY	0	eP	08:02 495		S	233	8	9	4	1	1	1		
	HKN	0	eP	03:020		iS	223	10	8	1	1				
17	OSK	0	iP	02:12 276		iS	36	7	4	0	0			SE part of Hyogo Pref.	
	KOB	0	P	12:279		iS	31								
18	SMSK	0	eP	09:19 293		iS	83	9	17	5	0	0	0	和歌山県 沿岸 W coast of Wakayama Pref. { 337°N 1352°E 20 Km	
	TKSM	0	eP	19:310		eS	86								
	SMT	0	P	19:31.1	+1 (-) (+)	iS	74	13	6	4	1	0	1		
	WKYM	0	P	19:316		S	36	29	33	-	-				
	OWS	0	P	19:340		S	144	11	5	2	-	-	-		
	TKMT	0	eP	19:376		eS	166	8	8	5	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			
	OKYM	0	eP	19 455		iS	172	10	20	5	0	0	0		
18	KOB	0	iS	15:58 236											
18	WKYM	0	P	17:36 513		S	04	21	46	-	-				
19	NGY	0	eP	01:45 450		S	202	7	7	5	1	1	1		
19	HKN	0	eP	02:15 528		S	238	9	8	3	1	1	1		
19	NGY	0	eP	14:21 024		S	528	29	32	11	1	1	1	福島県沖 Off Fukushima Pref.	
	HKN	0	P	21:088		eS	536	22	16	6	1	1	1		
	TYOK	0	eP	21:224				22	11	1	1				
	OSK	0	eP	21:260		eS	59.6	31	27	13	3	4	2		
	TRGS	0	eP	21 -											
19	UWJM	1	P	15:49 099		iS	45								
	MTYM	0	eP	49:267		eS	84	12	15	1	0				
19	OSK	0	eX	16:35 096				8	8	4	4				
20	NGY	0	eP	17:23 404	(-) (-) (+)	eS	224	6	6	2	1	1	1		
22	NGY	0	P	04:19 080	+1 -0	eS	80	4	3	8	1	1	0		
	HKN	0	S	19:106				12	11	13	1	1	1		
	KYT	0	iP	19:144	+1 -2 -3	iS	313	6	3	4	1	1	0		
	TKSM	0	eP	19:153											
	TYOK	0	P	19:187		S	344	19	18	2	1				
22	WKYM	0	P	06:04 267		S	10	27	58	-	-				
22	KYT	0	iP	15:33 093	+1 +1 -2	iS	2 406	6	6	2	2	3	4	Okhotsk sea { 477°N 1480°E 400 Km	
	SIG	0	eP	33:109	-3 -7 +2	iS	2 409	14	13	6	3	3	2		
	TYOK	0	eP	33:112		eS	2 384	11	14	5	6				
	OSK	0	iP	33:144	+9	S	2 420	49	55	17	3	3	3		
	OWS	0	iP	33:160	(+) (+) (-)	S	2 465	10	11	6	2	3	2		
	SMT	0	P	33:184	(-) (-) (+)	S	2 489	10	7	4	4	4	4		
	OKYM	0	iP	33:195		eS	2 490	10	15	10	4	4	4		

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			
	SMSK	0	eX	33 238				18	14	5	3	3	3	eX	2 525			
	HMD	0	eP	33 278		eX	2 36	8	4	3	7	4	3	eX	2 542			
	HRSM	0	P	33 296	+1 +1 -3	eS	2 580	5	3	3	6	5	5	eX	2 30			
	MRTM	0	iP	33 327	(+) (+) (-)	eS	2 596	7	9	3	8	8	5					
	MTYM	0	eP	33 367		eS	3 02	8	6		6	6						
	SMZ	0	eX	33 430				7	5		4	4		X	3 80			
	NGY	0	eP	33 -		S	2 -	24	29	10	3	3	2					
	TRGS	0	X	35 221														
	HKN	0	S	35 420				24	19	7	2	2	2					
23	KYT	0	eP	04 39 557		eS	02	5	6	2	0	0	0					
25	NGY	0	eP	02 04 477	+1 +1 -1	S	219	9	14	6	1	1	1					
	HKN	0	eP	04 553		S	250	15	13	5	1	1	1					
	OSK	0	eP	05 285				6	9		5	4		X	240			
	TYOK	0	iS	05 503				8	7		1	1						
25	HKN	0	eP	03 01 281		S	93	8	5	3	1	1	1					
26	NGY	0	eP	14 26 000		eS	328	16	17	11	2	2	1			茨城県南部		
	TYOK	0	eP	26 34-				16	13		1	1				S part of		
	HKN	0	S	26 529				15	13		1	2				Ibaragi		
	OSK	0	eP	26 576				24	18	11	4	5	3	X	248	Pref.		
27	WKYM	0	P	23 20 572		S	05	10	17		-	-						
28	KYT	0	eP	11 15 487		eS	10	22	21	5	0	0	0					
29	KOCH	2	iP	06 55 528	-70 +39	iS	40									高知県北部		
	TRGS	0	iP	55 54-		eS	9-									N part of		
	MTYM	1	iP	55 565	+1 +11 -8	iS	100	77	75	29	1	1	1			Kochi		
	TKMT	0	iP	55 583	-4 -3 -6	iS	82	60	73	35	1	1	1			Pref.,		
	MRTM	0	iP	55 595	-1 (+) +1	iS	100	55	36	7	1	1	1					
	TKSM	0	eP	56 014		iS	120											

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			
	OKYM	1	iP	56 018		iS	120	180	160	25	0	0	1					
	UWJM	0	P	56 041		S	141									Shikoku		
	HRSM	2	P	56 047		iS	136	40	33	25	1	1	1			{ 338°N		
	SMT	0	iP	56 074	(-) -1 -1	S	163	21	9	8	1	1	1			{ 1335°E		
	SMZ	0	eP	56 080		S	145	16	11	9	1	1	1			{ 30 Km		
	WKYM	0	P	56 114		S	178	14	29		-	-						
	YNG	0	P	56 141	(+)	S	224											
	HMD	0	eP	56 146	+1 -1	S	201	20	19	5	1	1	1					
	KOB	0	eP	56 149		eS	209											
	TTR	0	iP	56 163	-3 -2	iS	233											
	OSK	0	P	56 184	+1	S	248	16	19	11	2	4	2					
	KYT	0	eP	56 217		iS	333	6	5	2	2	1	1					
	TYOK	0	eP	56 219		iS	247	170	110	13	1	1	1					
	NR	0	eP	56 226		eS	287											
	SIG	0	iP	56 255	(+) (-) +1	iS	321	5	7	3	1	1	1					
	HKN	0	eP	56 350		eS	356	10	9	3	1	1	1					
30	TKSM	0	eP	05 58 580		iS	40									徳島県南部		
	MRTM	0	P	59 012		iS	82	3	5		1	1				S part of		
	SMT	1	iP	59 042	(-) (-) -1	S	103	7	4	2	0	0	0			Tokushima		
	OKYM	0	iP	59 071		iS	122	10	15	10	0	1	0			Pref.		
	TYOK	0	eP	59 257				8	5		1	1				{ 338°N		
	KOB	0	eX	59 282												{ 1343°E		
																{ 30 Km		
30	UWJM	0	eP	16 57 451		iS	75											

REPORT OF EARTHQUAKES

Station not equipped with Seismograph

昭和41年11月

Nov. 1966

Date	Station		Prefecture	S.I.	Time J.S.T	Earthquake sound
4	Sonobe	園部	Kyōto	II	05 ^h 39 ^m	—
	kameoka	亀岡	"	II	40	—
	Mizuho	瑞穂	"	I	40	—
	Sueno	末野	Hyōgo	I	40	—
11	Kibi	吉備	Wakayama	II	22 35	—
12	Sueno	末野	Hyōgo	I	21 27	—
	miyama	美山	Kyōto	III	22 24	—
	Komeoka	亀岡	"	II	25	—
	Ayabe	綾部	"	II	26	—
	Sonobe	園部	"	I	26	—
	Aburahi	油日	Shiga	I	26	—
13	Chiyoda	千代田	Hiroshima	I	05 00	—
	Miyama	美山	Kyōto	II	06 35	—
	Futatsuno	二津野	Nara	II	15 00	—
	Kazaya	風屋	"	II	00	—
	Kurisu-gawa	栗栖川	Wakayama	II	01	—
	Ichigano	市鹿野	"	II	05	heard
	Kiyokawa	清川	"	I	00	—
	Sirahama	白浜	"	I	00	—
	Kōjin-dake	荒神岳	Nara	I	00	—
14	Aburahi	油日	Shiga	I	23 06	—
18	Ryūjin	竜神	Wakayama	II	09 19	—

Date	Station		Prefecture	S.I.	Time J.S.T	Earthquake sound
	Shirahama	白浜	Wakayama	II	09 ^h 19 ^m	—
	Ichigano	市鹿野	"	II	20	heard
	Kurisu-gawa	栗栖川	"	I	19	—
	Ōki	応其	"	I	30	—
	Futatsuno	二津野	Nara	I	19	—
28	Hatsukaichi	廿日市	Hiroshima	I	20 30	heard
29	Kami-yanase	上魚梁瀬	Kōchi	III	06 55	—
	Kōzan	甲山	Hiroshima	III	56	—
	Motoyama	本山	Kōchi	II	50	—
	Kurahashi	倉橋	Hiroshima	II	55	—
	Hatsukaichi	廿日市	"	II	56	—
	Kōchi	河内	"	II	56	—
	Mitsugi	御調	"	II	56	—
	Takei	加計	"	II	57	—
	Kabe	可部	"	II	58	—
	Saijyō	西条	"	II	07 00	—
	Mihara	三原	"	I	06 55	—
	Syōhara	庄原	"	I	56	—
	Matunaga	松永	"	I	56	—
	Kure	呉	"	I	57	—
	Kōzan	甲山	"	I	07 00	—
	Yakage	矢掛	Okayama	I	06 56	—
	Suzaki	須崎	Kōchi	I	56	—
Ochi	越知	"	I	56	—	
Toyosaka	豊栄	Hiroshima	I	55	—	

Date	Station		Prefecture	S.I.	Time J.S.T	Earthquake sound
	Saijyō	西 条	Ehime	I	06 ^h 55 ^m	—
	Ōfuki	大 保 木	"	II	56	—
	Motoyama	本 山	Kochi	II	22 00	—
30	Kami-yanase	上魚梁瀬	"	III	06 00	—

Number of earthquakes

Dec. 1966

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

Kinki District

Hikone	9	—	—	—	—	—	—	—	—	9	
Himeji	—	—	—	—	—	—	—	—	—	—	
Kōbe	2	—	—	—	—	—	—	—	—	2	
Kyōto	8	1	—	—	—	—	—	—	—	9	4 5
Maizuru	—	—	—	—	—	—	—	—	—	—	
Nara	3	—	1	—	—	—	—	—	—	4	
Ōsaka	14	—	—	—	—	—	—	—	—	14	
Shionomisaki	5	—	—	—	—	—	—	—	—	5	
Sumoto	7	1	—	—	—	—	—	—	—	8	8 6
Toyooka	10	—	—	—	—	—	—	—	—	10	
Wakayama	8	2	1	—	—	—	—	—	—	11	

Chūgoku District

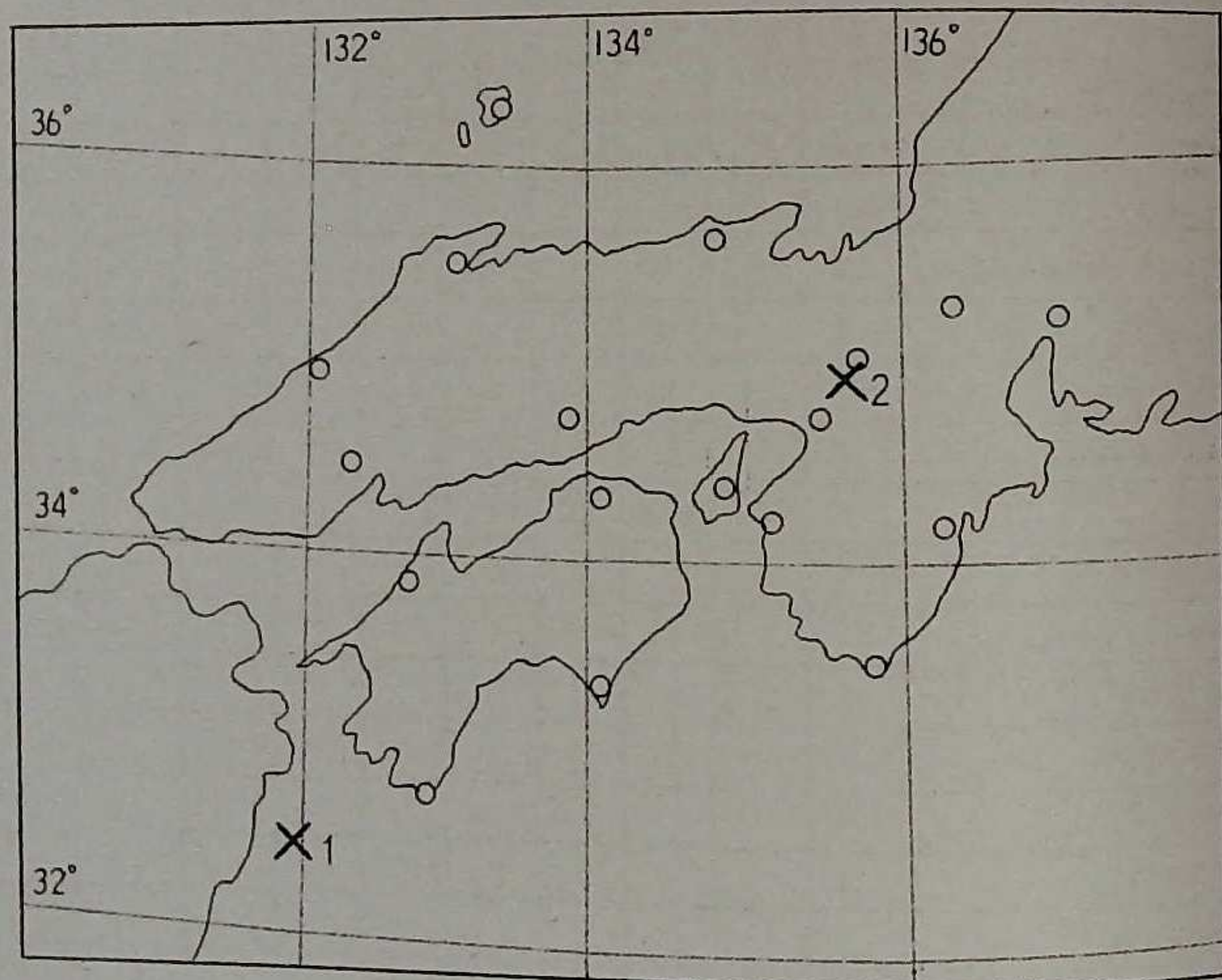
Hamada	6	—	—	—	—	—	—	—	—	6	2 0
Hiroshima	3	—	—	—	—	—	—	—	—	3	
Matsue	1	—	—	—	—	—	—	—	—	1	
Okayama	6	—	—	—	—	—	—	—	—	6	8 3
Saigō	9	—	—	—	—	—	—	—	—	9	6 5
Tottori	3	—	—	—	—	—	—	—	—	3	
Yonago	2	—	—	—	—	—	—	—	—	2	

Shikoku District

Kōchi	2	—	—	—	—	—	—	—	—	2	
Matsuyama	4	1	—	—	—	—	—	—	—	5	
Murotomisaki	7	—	—	—	—	—	—	—	—	7	2 7
Shimizu	5	—	—	—	—	—	—	—	—	5	
Takamatsu	5	—	—	—	—	—	—	—	—	5	
Tokushima	5	—	—	—	—	—	—	—	—	5	
Tsurugisan	3	—	—	—	—	—	—	—	—	3	
Uwajima	—	1	—	—	—	—	—	—	—	1	

Remarks "A," class means number of earthquakes whose maximum double amplitude exceed 1mm on the record of electromagnetic, Wiechert's and portable seismographs. "B," class means number of earthquakes recorded on the optical electromagnetic seismograph excluding number of "A," class.

Epicenter of the major felt earthquakes,
in west Honshū and Shikoku
December. 1966



December. 1966

No.	Date	Origin Time (J.S.T.)	Epicenter		Depth	Max. S. I.
			Location	Lat. °N		
1	5	16 ^h 23 ^m	日向灘 Off W coast of Kyushu	32.4	131.9	V.S
2	31	13 04	京都府南部 S part of Kyoto Pref.	34.8	135.85	10 II

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.)					
								m	s		N	E	Z			
1	TTR	0	iP	01 50 42.8	-4 -6 -8	iS	19									
1	WKYM	0	P	07 53 08.6		S	15	53								
1	SIG	0	X	14 06 48.6				6	6	6	3	3	2	X	589	New Hebndes Is.
	TYOK	0	eP	06 53-				13	7		1	1				
1	NGY	0	eP	18 34 50.0	-1 -1 +1	S	200	11	11	5	1	1	1			
	HKN	0	eS	35 19.4				11	11	3	1	1	1			
1	NGY	0	eP	19 37 15.0		eS	182	9	8	3	1	1	1			
2	NGY	0	P	03 58 02.8	-3 -1 +5	S	1 192	12	13	5	3	3	2			北海道南西沖
	HKN	0	P	58 06.1		S	1 195	18	11	10	4	2	3			Off SW coast of Hokkaido
	TYOK	0	iP	58 09.3		eS	1 230	20	21	7	1	1	2			{ 416°N 1398°E 160 Km
	KYT	0	eP	58 10.3		eS	1 142	6	5	2	3	3	2			
	SIG	0	P	58 11.5	(-) -1 +1	iS	1 237	19	10	9	3	3	3			
5	SMZ	0	eP	16 23 26.4		S	136	45	30	30	1	1	2			
	UWJM	1	eP	23 28.3		eS	120									
	KOCH	0	iP	23 40-		S	241									日向灘
	MTYM	1	eP	23 41.0		eS	220	43	29		1	1				Off E coast of Kyushu
	MRTM	0	eP	23 41.5		eS	373	16	13	8	4	4	3			
	HRSM	0	eP	23 45.0	+1 (+) (+)	iS	298	13	21	7	3	5	3			{ 324°N 1319°E V.S
	HMD	0	eP	23 49.6		S	304	8	20		4	4				
	TRGS	0	eP	23 55.8		eS	411									
	TKMT	0	eP	23 55.8		eS	365	3	4	1	3	3	2			
	OKYM	0	eP	23 56.5		eS	420	30	25	15	1	1	2			
	SMT	0	eP	23 57.4		eS	454	20	8	10				iX	208	
	TKSM	0	eP	23 57.6		eS	404									
	WKYM	0	P	24 07.7		S	426	8	8							
SIG	0	P	24 12.0	(+) (+) (+)	eS	1 10	13	15	7	2	3	2				
NR	0	eP	24 17.0		+4											

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
								Amp. (μ)			Period(sec.)					
								N	E	Z	N	E	Z			
	OSK	0	iP	24 226		S	464	75	93	41	4	4	3			
	KYT	0	eP	24 231		eS	551	7	5	4	2	2	3			
	KOB	0	eX	24 432												
	HKN	0	eP	24 353		eS	1 06	16	9	5	3	4	3			
	NGY	0	eP	24 436		eS	588	15	17	7	3	3	3			
	YNG	0	eS	24 492												
	TYOK	0	eS	25 155				38	31		1					
7	OSK	0	iP	15 51 291				7	7	5	3	1	2			
	HKN	0	iP	51 314	+3 -3 +7	S	440	8	6	5	2	1	1			
7	NGY	0	eP	22 00 582	(+) (+)	S	68	11	9	4	0	0	0			
8	OSK	0	eX	02 21 40-				7	8		5	3				
10	TTR	0	iP	19 38 429	+2 +1 +8	iS	23									
	TYOK	0	eP	38 475		iS	119	10	10		1	1				
	OKYM	0	iP	38 533	(+) (-) (+)	iS	100	10	20	5	0	0	0			
11	OSK	0	eX	03 15 46-				27	19	6	5	5	4			
11	KYT	0	eP	10 26 439		iS	24	9	11	2	0	0	0			
12	OSK	0	eX	04 57 20-				7	7		5	3				
12	NGY	0	eP	05 14 240		S	228		6	3		1	1			
14	NGY	0	eP	20 05 039		-1 S	369	110	84	33	2	2	1			
	HKN	0	eP	05 147		eS	329	74	60	27	2	1	1			
	KYT	0	iP	05 17.0	(+) +1 (-)	iS	520	21	17	9	2	1	2			
	NR	0	eP	05 173		eS	459	100	50		2	2				
	OWS	0	P	05 180		eS	500	6	5	4	2	2	2			
	SMT	0	P	05 279		(-) eS	562	6	6	6	2	3	3	eX	175	
	OSK	0	X	05 339				85	62	34	2	2	2	eX	514	
	KOB	0	eP	05 348		eS	595									
	TYOK	0	eP	05 378		eS	500	81	68	16	1	1	1			

鳥取県
Tottori
Pref.
354°
1341°
10 Km

茨城県
南西部
SW part
Ibaragi
Pref.
362°
1399°
40 Km

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
								Amp. (μ)			Period(sec.)					
								N	E	Z	N	E	Z			
	TKSM	0	eP	05 383		eS	582									
	SMSK	0	eP	05 384		eS	522	9	6	4	2	2	2	eX	584	
	WKYM	0	P	05 421		S	533	3	1							
	SIG	0	P	05 424	-1 -3 +2	eS	454	5	5	3	3	3	3			
	MRTM	0	P	05 453		eS	1 187	5	4	3	3	2	3			
15	WKYM	0	P	00 31 050		S	09	20	15							
15	SMT	0	P	06 15 220		(+) iS	5 591	5	5	6	4	5	5	eL	11 44-	New Genea Is. 48°S 1439°E 74 Km (USCGS)
	OSK	0	X	15 246				29	30	10	5	5	3			
	HMD	0	eP	15 315		eX	5 576	4	8	5	4	4	6	eL	11 185	
15	KOCH	0	eP	08 17 095		iS	72									
16	KYT	0	eP	17 12 341		eS	35	8	10	1	0	0	0			
17	SMT	0	iP	17 33 056		+1 -2 iS	96	6	1	1	0	0	0			
	TKSM	0	eP	33 144		iS	42									
17	WKYM	0	P	23 14 448		S	12	6	17							
21	OSK	0	eX	00 42 23-				13	10	9	4	3	3			
21	SMZ	0	X	03 44 226				10	10	8	3	3	3			
	MRTM	0	eP	44 39.0		eS	3 530	5	6	4	3	3	3			
	SMSK	0	eX	44 39.1				8	4	2	4	4	1			
	OSK	0	eX	44 53-				34	39	10	5	4	4	eX	20-	
	SIG	0	iX	45 005				5	5	5	2	2	2			
	NGY	0	eP	45 072				8	9	6	2	2	2	eX	124	
21	TYOK	0	eP	18 01 486				12	9		1	1				
	MRTM	0	iP	02 023		-1										
	OSK	0	P	02 048		-10		20	11	10	4	5	4			
22	WKYM	2	P	20 50 358		iS	18	24	27							
	SMT	0	iP	50 390	+1 +1 -2	iS	44	6	3	2	0	0	1			
24	SMSK	0	iP	00 58 102		-3 iS	6 156	22	20	3	5	5	1			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						p-Pha. m s	Remarks			
							p-Pha.			Period(sec.)							
							N	E	Z	N	E	Z					
	MRTM	0	iP	58:119	(-)(-)-1			9	5	5	3		iX	6:172	New Genea Is. 71°S 1483°E 43 Km (USCGS)		
	SMZ	0	P	58:128		eS	6	158	6	4	8	2	3	2		PP	1:351
	OWS	0	P	58:137		S	6	173	6	7	5	5	5	4			
	SMT	0	iP	58:185	-2 +1 -6	iS	6	222	11	15	10	3	3	4		X	9:565
	OSK	0	P	58:200		S	6	262	68	46	18	5	5	4		iX	332
	NGY	0	P	58:207	-3 (+) -4	S	6	241	15	22	11	3	3	3			
	TKMT	0	iP	58:209	-3 +1 -2	eS	6	230	6	14	3	4	4	3			
	MTYM	0	eP	58:210		eS	6	230	5	8	5	5	5	3			
	KYT	0	iP	58:220	-2 +1 -3	iS	6	246	5	6	4	4	5	5			
	HKN	0	P	58:220		eS	6	244	19	13	7	3	3	4			
	OKYM	0	iP	58:230	(-) (+) -4	eS	6	470	20	30	15	4	3	2			
	HRSM	0	iP	58:247	-2 +1	iS	6	269	6	8		3	3				
	TYOK	0	P	58:270	-1 -1	iS	6	302	10	9	11	1	1	1			
	HMD	0	iP	58:297	-2 -4	eX	6	313	12	17	10	5	6	3		eX	2:213
	SIG	0	P	58:356	(-) (+) -1	X	6	356	8	7	5	3	4	3	X	9:536	
	TRGS	0	eX	04:410													
24	WKYM	1	P	10:18:303		S		03	2	4							
27	WKYM	1	P	00:01:305		iS		23	63	110							
27	NGY	0	eP	10:23:17.6	-2 -3 +6	S	448	120	110	51	3	3	3				
	HKN	0	eP	23:255		eS	464	48	44	21	2	2	2				
	KYT	1	P	23:302	-3 -3 +3	iS	539	20	13	5	2	2	3				
	OWS	0	P	23:335		iS	565	6	9		4	4					
	OSK	0	eP	23:35-		eS	55-	80	110	65	4	5	1				
	NR	0	eP	23:363				100	50	50	2	2	2				
	TYOK	0	P	23:379	(-) (+)	S	1	20	26	28	1	1					
	SMSK	0	eP	23:429		eS	1	84	8	7	3	2	2	2			
	SMT	0	eP	23:441		eS	1	23	10	9	8	3	4	5			

Date	Station	S.I.	Pha.	Time (J.S.T.) h m s	Initial Motion(μ) N E Z	Pha.	Max. Amplitude						p-Pha. m s	Remarks			
							p-Pha.			Period(sec.)							
							N	E	Z	N	E	Z					
	WKYM	0	eP	23:480		eS	1	34	17	8							
	OKYM	0	eP	23:500		iS	1	160	13	10	10	2	4	4			
	SIG	0	iP	23:522	+1 +1 -2	S	1	166	1	2	1	2	2	1			
	TKSM	0	eP	23:536		eS	1	167									
	TKMT	0	eP	23:540		eS	1	384	6	6		3	2				
	MRTM	0	eP	24:018		eS	1	242	8	7		2	4				
	MTYM	0	eP	24:103					8	4	3	5	4	3	eX	2:107	
	HMD	0	eP	24:133		eS	1	215	7	4	3	4	4	3			
	TRGS	0	eP	24:167													
27	WKYM	0	eP	17:37:055					6	5		12	12		X	17:36	
28	MTE	(1)	eP	00:50:052		+4 iS		68									
	HMD	0	eP	50:056		S		64	10	13	3	0	0	0		島根県中部	
	YNG	0	iP	50:088	(+)	iS		89								Central Part of Shimane Pref.	
	OKYM	0	iP	50:168	(+) (-) (-)	iS		156	25	15	10	1	0	1		{ 352°N 1326°E 10 Km	
	SIG	0	iP	50:173	+1 -1 +1	iS		159	3	5	2	0	0	1			
	MTYM	0	eP	50:205		eS		180	8	8	4	1	1	1			
	TKMT	0	eP	50:224		eS		191	6	7	3	1	1	1			
	TTR	0	eP	50:379											iX	16	
	TYOK	0	eP	50:412		iS		130	11	15		1	1				
28	NGY	0	eP	17:08:033					9	11	10	2	2	2			
28	HRSM	0	eX	17:38:003		eX	24	17-	7	8		19	19		eL	52:15-	
	KYT	0	eP	38:040					4	5	7	20	10	8	X	25:45	Chile
	SMT	0	iP	38:042	+3 -2 +6	iPP	4	79	7	7	8	19	20	4	L	52:25-	{ 255°S 707°W 47 Km
	TYOK	0	X	38:044					7	9	9	18	21	22	X	4:14.9	(USCGS)
	TKMT	0	PKP	38:045					5	7		17	19		eX	4:18.5	
	HKN	0	eP	38:049					10	13	16	2	2	2	PP	4:8.9	
	MRTM	0	P	38:050					6	7	8	18	18	4	eX	23:27.8	

REPORT OF EARTHQUAKES

Station not equipped with Seismograph

昭和41年12月

Dec. 1966

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
	SMSK	0	eP	38.055		PP	4	96	7	4	5	21	25	2	eL	25	311	
	OKYM	0	iP	38.060		PP	4	204	10	15	30	4	6	5	L	14	240	
	SIG	(1)	X	38.064		X	4	145	7	9	11	3	3	3	L	54	23-	
	TKSM	0	eP	38.069														
	HMD	0	eP	38.070		eX	1	116	4	6	6	20	23	3	eL	53	364	
	SMZ	0	eX	38.108					5	4	4	20	18	19				
	OSK	0	eX	38.28-					27	40	24	4	4	2				
28	MTYM	0	eP	18.38.115					7	6	7	15	18	17				
28	WKYM	0	P	22.45.405		S		15	17	13								
29	SMZ	0	eP	20.42.324		eS		106	8	7	4	0	0	1				
30	SMT	1	P	12.05.244	+1 (-) -2	iS		24	8	6	2	0	0	0				
31	NR	2	iP	13.04.208		-3 iS		26										京都府南
	KYT	0	eP	04.234		iS		41	4	8	1	0	0	1				{ 348°N
	OSK	0	eP	04.247		iS		50	7	5		0	0					{ 13585°E
																		10 Km
																		(OMO)

Date	Station	Prefecture	S.I	Time J.S.T.	Earthquake sound	
7	Shobara	庄原	Hiroshima	II	12 ^h 45 ^m	-

昭和41年(1966)官署別地震回数

Number of earthquakes

Remarks

P: Portable seismograph (3 comp.)

 $(T_0 \doteq 2 \text{ sec.}, V = 60)$

PH: Portable seismograph. horizontal only

 $(T_0 = 3 \sim 4 \text{ sec.}, V = 50)$

S: Strong motion seismograph

 $(T_0 = 5 \sim 6 \text{ sec.}, V = 1)$

Vi: Electromagnetic seismometer with visible recorder.

 $(T_0 = 5 \text{ sec.}, V = 100)$

Op: Electromagnetic seismometer with optical recorder

 $(T_0 = 1.5 \text{ sec.}, V = 500 \text{ or } 1000)$

W: Wiechert's seismograph

 $(T_0 \doteq 5 \text{ sec.}, V \doteq 80)$

I: Ishimoto's seismograph.

 $(T_0 = 1 \text{ sec.}, V = 300)$

S.I.: Scale of seismic intensity by J.M.A.

 $(0 \sim \text{VII})$

Station Hikone (W,S)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		—	—	1	1	—	—	—	—	—	—	—	—
II		—	—	—	—	—	—	—	—	—	—	—	—	—
III		—	—	—	—	1	—	—	1	—	—	—	—	2
IV		—	—	—	—	—	—	—	—	—	—	—	—	—
V ~ VII		—	—	—	—	—	—	—	—	—	—	—	—	—
Total(felt)		—	—	1	1	1	—	—	1	—	—	—	—	4
O		30	12	22	46	50	31	13	37	36	23	18	9	327
Total		30	12	23	47	51	31	13	38	36	23	18	9	331

Himeji (P,S)

I	—	—	—	—	—	2	—	—	—	—	—	—	—	2
II	—	—	—	—	—	—	—	—	—	—	—	—	—	—
III	—	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—	—
V ~ VII	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total(felt)	—	—	—	—	—	2	—	—	—	—	—	—	—	2
O	5	0	3	4	1	2	0	3	1	2	0	0	0	21
Total	5	0	3	4	1	4	0	3	1	2	0	0	0	23

Kōbe (P,S)

I	—	—	1	2	1	1	—	1	—	—	—	—	—	6
II	—	—	—	—	—	1	—	—	—	—	—	—	—	1
III	—	—	—	—	—	—	—	—	—	—	—	—	—	—
IV	—	—	—	—	—	—	—	—	—	—	—	—	—	—
V ~ VII	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total(felt)	—	—	1	2	1	2	—	1	—	—	—	—	—	7
O	5	3	11	9	10	8	5	4	6	5	8	2	2	76
Total	5	3	12	11	11	10	5	5	6	5	8	2	2	83

Kyōto (Vi,Op,S)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		-	-	1	-	1	-	-	1	-	-	-	1
II		-	-	4	1	-	2	-	-	-	2	2	-	
III		-	-	1	-	-	-	-	-	-	-	-	-	
IV		-	-	-	-	-	-	-	-	-	-	-	-	
V ~ VII		-	-	-	-	-	-	-	-	-	-	-	-	
Total(felt)		-	-	6	1	1	2	-	1	-	2	2	1	
O		17	9	18	17	14	23	9	16	12	20	10	8	171
Total		17	9	24	18	15	25	9	17	12	22	12	9	188

Mizuru (P.S)

I	-	-	2	1	-	-	-	-	-	-	-	-	-	
II	-	-	1	-	-	1	-	-	-	-	1	-	-	
III	-	-	-	-	-	-	-	-	-	-	-	-	-	
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total(felt)	-	-	3	1	-	1	-	-	-	-	1	-	-	
O	3	0	5	1	2	0	0	0	2	2	2	3	0	20
Total	3	0	8	2	2	1	0	0	2	2	2	4	0	20

Nara (P.S)

I	-	-	1	-	-	-	-	-	1	1	-	-	-	
II	-	-	1	1	1	-	-	1	-	-	-	-	1	
III	-	-	-	-	-	1	-	-	-	-	-	-	-	
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total(felt)	-	-	2	1	1	1	-	1	1	1	-	-	1	
O	15	5	10	11	11	14	5	9	7	11	5	3	3	108
Total	15	5	12	12	12	15	5	10	8	12	5	4	4	118

Ōsaka (Vi,S)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		-	-	1	1	1	1	-	1	1	1	-	-
II		-	-	-	-	-	1	-	-	-	-	-	-	1
III		-	-	-	-	-	-	-	-	-	-	-	-	-
IV		-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII		-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)		-	-	1	1	1	2	-	1	1	1	-	-	8
O		24	16	18	26	25	26	12	28	20	21	16	14	246
Total		24	16	19	27	26	28	12	29	21	22	16	14	254

Shionomisaki (W.S)

I	-	-	-	-	1	1	-	-	1	2	-	-	-	5
II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	1	1	-	-	1	2	-	-	-	5
O	11	4	8	11	9	13	4	10	6	6	5	5	5	92
Total	11	4	8	11	10	14	4	10	7	8	5	5	5	97

Sumoto (Vi,Op,S)

I	-	-	1	-	-	1	-	-	-	1	1	1	1	5
II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	1	-	-	1	-	-	-	1	1	1	1	5
O	18	13	11	19	16	19	9	19	10	8	8	7	7	157
Total	18	13	12	19	16	20	9	19	10	9	9	8	8	162

Toyooka (W.S)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	1	-	-	-	-	-	-	1
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	1	-	-	-	-	-	-	1
O	19	14	22	32	34	24	9	19	16	19	12	10	230
Total	19	14	22	32	34	25	9	19	16	19	12	10	231

Wakayama (W.I.S)

I	6	10	2	1	4	6	3	1	2	3	3	2	43
II	1	2	-	1	-	1	-	2	-	1	-	1	9
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	7	12	2	2	4	7	3	3	2	4	3	3	52
O	34	13	13	20	25	16	13	15	16	15	9	8	197
Total	41	25	15	22	29	23	16	18	18	19	12	11	249

Hamada (Vi.Op.S)

I	-	1	-	-	-	-	-	-	-	1	1	-	3
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	1	-	-	-	-	-	-	-	1	1	-	3
O	5	7	8	5	9	9	3	9	2	5	3	6	71
Total	5	8	8	5	9	9	3	9	2	6	4	6	74

Hiroshima (W.S)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	1	-	-	-	-	1	-	1	-	1	-	-	4
II	-	-	-	-	-	-	-	-	-	1	1	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	1	-	-	-	-	1	-	1	-	2	1	-	6
O	6	9	11	6	7	13	3	10	3	1	3	3	75
Total	7	9	11	6	7	14	3	11	3	3	4	3	81

Matsue (P.S)

I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	-	-	-	-	-	-	-	-
O	4	4	7	3	3	6	2	2	1	2	(0)	(1)	(35)*1
Total	4	4	7	3	3	6	2	2	1	2	(0)	(1)	(35)

Okayama (Vi.Op.S)

I	1	-	1	-	-	-	-	1	-	-	1	-	4
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	1	-	1	-	-	-	-	1	-	-	1	-	4
O	4	0	8	3	12	18	4	14	6	10	7	6	92
Total	5	0	9	3	12	18	4	15	6	10	8	6	96

Saigō (Vi. Op. S)

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	1	-	-	-	-	-	-	1
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	1	-	-	-	-	-	-	1
O	0	1	5	0	6	12	4	10	2	5	5	9	59
Total	0	1	5	0	6	13	4	10	2	5	5	9	60

Tottori (P.S)

I	1	-	-	1	-	-	-	-	-	-	-	-	2
II	-	-	-	-	-	1	-	1	-	-	-	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	1	-	-	1	-	1	-	1	-	-	-	-	4
O	2	1	4	4	3	2	0	3	1	3	3	3	29
Total	3	1	4	5	3	3	0	4	1	3	3	3	33

Yonago (P.S)

I	1	-	-	-	-	-	-	1	-	-	-	-	2
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	1	-	-	-	-	-	-	1	-	-	-	-	2
O	1	2	4	1	1	2	0	0	0	2	2	2	17
Total	2	2	4	1	1	2	0	1	0	2	2	2	19

S.I.	Month												Year
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
I	-	-	-	-	-	-	-	-	-	-	-	-	-
II	-	-	-	-	-	-	-	-	-	-	-	1	-
III	-	-	-	-	-	-	-	-	-	-	-	-	1
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	-	-	-	-	-	-	1	-
O	9	13	14	10	11	1	0	2	1	3	1	2	67
Total	9	13	14	10	11	1	0	2	1	3	2	2	68

Matsuyama (W.S)

I	-	-	-	-	-	-	-	1	-	-	1	1	3
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	-	-	1	-	-	1	1	3
O	8	6	11	8	5	12	3	10	2	4	5	4	78
Total	8	6	11	8	5	12	3	11	2	4	6	5	81

Murotomisaki (Vi. Op. S)

I	-	-	-	-	-	-	-	-	-	1	-	-	1
II	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VI	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	-	-	-	-	-	-	1	-	-	1
O	7	5	7	*	*	13	5	12	8	5	5	7	74
Total	7	5	7	*	*	13	5	12	8	6	5	7	75

Shimizu (Vi.S)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		-	-	-	-	-	-	-	-	-	-	-	-
II		-	-	-	-	-	-	-	-	-	-	-	-	-
III		-	-	-	-	-	-	-	-	-	-	-	-	-
IV		-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII		-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)		-	-	-	-	-	-	-	-	-	-	-	-	-
O		2	5	6	2	*	4	3	8	2	4	5	5	46
Total		2	5	6	2	*	4	3	8	2	4	5	5	46

Takamatsu (W.S)

I	-	-	1	-	-	-	-	-	-	-	-	-	-	1
II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	1	-	-	-	-	-	-	-	-	-	-	1
O	12	5	11	7	9	13	4	12	6	8	5	5	5	97
Total	12	5	12	7	9	13	4	12	6	8	5	5	5	98

Tokushima (P.S)

I	-	-	-	1	-	-	-	-	-	1	-	-	-	2
II	-	-	-	1	-	-	-	-	-	1	-	-	-	2
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	-	2	-	-	-	-	-	-	-	-	-	-
O	10	6	9	8	13	14	4	9	6	5	5	5	5	94
Total	10	6	9	10	13	14	4	9	6	7	5	5	5	98

Tsurugisan (PH.S)

S.I.	Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	I		-	-	-	-	-	-	-	-	-	1	-	-
II		-	-	-	-	-	-	-	-	-	1	-	-	1
III		-	-	-	-	-	-	-	-	-	-	-	-	-
IV		-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII		-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)		-	-	-	-	-	-	-	-	-	2	-	-	2
O		5	2	7	4	8	6	4	9	5	6	7	3	66
Total		5	2	7	4	8	6	4	9	5	8	7	3	68

Uwajima (PH.S)

I	-	-	1	-	1	1	-	1	-	-	-	2	1	7
II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V ~ VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total(felt)	-	-	1	-	1	1	-	1	-	-	-	2	1	7
O	4	3	4	2	2	4	0	1	0	3	5	0	0	28
Total	4	3	5	2	3	5	0	2	0	3	7	1	1	35

* no observation

*1 " (7 Nov. ~ 23 Dec.)

昭和41年(1966)B級地震回数

Number of "B," class earthquakes

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Kyōto	54	52	49	100	158	119	65	169	88	56	43	45	998
Sumoto	96	95	79	106	120	130	136	150	115	131	103	86	1347
Hamada	—	—	—	—	40	52	42	57	26	33	37	20	307
Okayama	—	—	—	—	89	93	94	111	73	117	111	83	771
Saigō	—	—	—	—	29	35	13	37	24	47	146	65	396
Murotomisaki	—	—	—	—	—	40	28	33	16	31	34	27	209