

SEISMOLOGICAL BULLETIN

 $\phi = 33^{\circ}33'28''N$ $\lambda = 133^{\circ}31'52''E$

h = 40.4m

Underground : Serpentin.

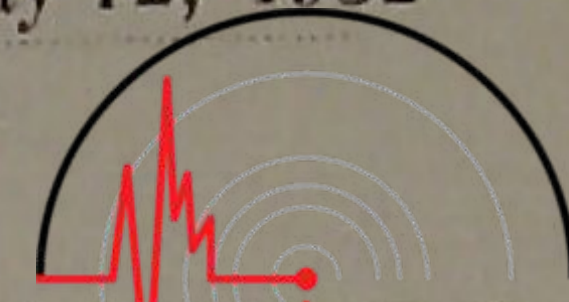
Consants of the Seismographs

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Date	Apparatus	Component	T_o	ϵ	$\frac{r}{T_o^2} \left(\frac{mm}{sec^2} \right)$	V
Jan. 1, 32	Wiechert 200 ^{kg}	N	4.8	7.5	0.003	75
"	"	E	6.3	10.	3	66
"	80 ^{kg}	Z	4.0	7.5	4	70
		N				
		E				

No.	Date	App.	Phase	G.M.C.T			Period	Amplitude			Remarks
								A_E	A_N	A_Z	
1	Jan. 9	W	iPEN eSN m m F	h 10	m 29 35 29 35	s 21 22 27 25	s	μ +15	μ -20	μ	
2	Jan. 21	W	iPz eSH iSH F	14	43 44 47	47 26 27		+?	+	+	Oosumi-strait.
3	Jan. 27	W	ϵ Pz eS iMz MH F	12	16 17	32 08 15 26	1.0	10	15	10	Hyuga-uada 昭和七年一月二十七日午後九時十七 分日向灘地震 中村, 宿毛 弱震の弱き方
4	Jan. 27	W	ePz eS F	18	41 43	17 41					昭和七年一月二十八日午前 三時四十二分 宮崎縣五箇瀬川 河口附近 宿毛 弱震
5	Jan. 29	W	eP S Mz	13 14 15	49 00.1 08	25					
6	Jan. 31	W	ePz S F	05	30 33	21 47					Month of the R. Ooyodo, Migazaki
7	Jan. 31	W	ϵ	6	31 \pm						
8	Feb. 3	W	iPz ePH eSH F	07	36 37 44 \pm	22.1 44.5					
9	Feb. 13	W	ϵ PH ϵ SE F	19	17.5 21.6 30 \pm						
10	Feb. 14	W	ePH eS iEMH MH F	21	33 36	19.5 59.5 02.0 02.5	0.3	15	30	+3 Slight	Felt slightly 高知市 本山 微震 同上
11	Feb. 19	W	ePz iS F	13	26 27 31	44.5 41.3					30°9' N, 131.3°E (C. M. O.) 32.°9' N, 140.°3'E (C. M. O.)
12	Feb. 21	W	ez	01	38	48					
13	Feb. 21	W	ϵ Pz ϵ SH F	15	56 57 16.0	41 29					
14	Feb. 23	W	ePz F	00	33 36	18					
15	Feb. 25	W	iP S M F	06	10 13	25 35 37	1.0	+7 20	+3 10	+8 20	昭和七年二月二十五日午後 三時十分 伊豫灘地震 (小) 高知市, 宿毛, 樽原 本山, 中村 微震 池川 弱震の弱 弱震

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				h	m	s		A _E	A _N	A _Z	
								μ	μ	μ	
16	Feb. 25	W	P S F	12	23 24 25	58 07					安藝町 微震
17	Feb. 26	W	e	08	03±						
18	Feb. 27	W	eS	23	59 14						
19	Feb. 28	W	ε	03	02.5						
20	Feb. 28	W	iS	04	22 23						
21	March 5	W	P S F	08	49 52	41 53					
22	March 10	W	P F	12	41 42	15					
23	March 14	W	e	13	56 30						
24	March 15	W	eP _{II} S F	04 05	37 42 10	37 05					
25	March 17	W	εP iP iS _N eS _E M F	00 01	50 00	10 15.5 42.5 50	2	40	50	50	
26	March 19	W	εP _Z eS _H F	11 12	04 08	29 26					
27	March 26	W	εP _N S F	00 01	07 15	54 29					
28	March 26	W	iP _Z eS F	09 10	59 05 35	42 32					
29	April 4	W	iP iS _H eS _Z M F	19	18 19 50	07.5 16.5 20	7.0	+1 140	-7 100	+8 30	
30	April 6	W	ε F	09	15 30						
31	April 11	W	P S F	11	24 25.5	52 58					
32	April 20	W	P S	01	52 53	55 02					P~S=7.s4
33	April 28	W	iP _{EZ} eS F	03	44 47	05 51		-5	±0	+9	
34	May 2	W	εP iP iS _N eS _E iS _Z M _{NE} M _Z M _N F	23	80 31 45	01 32 58 00 08 13 18	1.7 1.5 2.5	30	70 70	30	
35	May 5	W	iP _Z eP _{II} i m S F	04	11 12 30	56.7 57.9 38.5		-5 -15	-x -12	+15 +50 50	
36	May 11	W	ε L F	06	55 57 07.3						
37	May 12	W	S	14	49 47						(M. M.)

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								A_E	A_N	A_Z	
				h	m	s	s	μ	μ	μ	
38	May. 14	W	eP	13	17	45.5		+	+	+	Clear gradual beginning
		"	iz			51					
		"	iz		18	07	3.7	30	50	100	
		"	m(p)								
		"	eS _E		23	06					
		"	eS _N			12					
		W,O	iS _E			15					
		"	e		25	48					
		W	m(S)				7	200	150		
		O	m(S)		23.5		18	300	500		
		O	m		25.9		23	600	700		
		O	ϵ L _N		26.9		50				
		W	ϵ L _Z		27 \pm		45				
		O	M _N		27		50		2500		
			F	15							
39	May. 26	W	iP _Z	16	20	11.0					
			eP _H								
			iE _Z			23.5					
			e _N								
			eS _H		28	53					
			F	17							
40	May. 28	W	iP _Z	02	22	35					
			S		23.6						
			L		25.5						
			M _E		26	10	10	100			
			F		50						
41	May. 28	W	P	05	03	56					
			S		04	52					
			L		06.1						
42	June 1	W	P ₁	19	33	49					
			P ₂			50					
			S		34	09					
			\bar{S}			12					
			M _N			13					
			F		36						
43	June 3	W	ϵ P _Z	00	21	00					
			F		30						
44	June 3	W	ϵ	10	48						
			F	11							
45	June 4	W	ϵ	02	05.5						
			F		10						
46	June 4	W	ϵ P _Z	14	11	33					
			eS _E			51					
			F		14						
47	June 8	W	eP _Z	06	14	36.5					
			e			46					
			e			53					
			eS _N		15	13					
			iS _N			21					
			m(S)			22	1.5		40	30	
			M _N			38	2.		45		
			F		28						
48	June 8	W	$\epsilon\bar{P}_Z$	10	54	38					
			e _Z			44					
			e _Z			56					
			F	11	05						
49	June 10	W	eP	17	04	58					
			eS _H		08	59					
			F		15 \pm						
50	June 14	W	eP	06	03	51.5					
51	June 16	W	eP _H	01	27	00					
			S		33	33					
			M _E		49.5						
52	June 16	W	ϵ	08	33						
53	June 18	W	eP	01	31	52.4					高知市内有感 微震
			iP			57.4		+	+	+	
			iS _H		32	18.1		+	+	+	
			iS _H			21.7					
			M		45	23	2.0	200	150	100	

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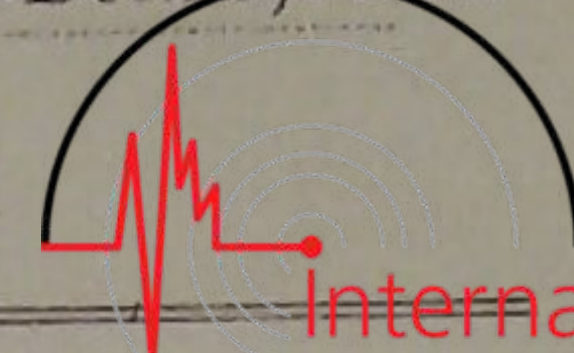
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								A _E	A _N	A _Z	
				h	m	s	t	μ	μ	μ	
54	June 18	W	ε _Z ε _E L EM _E M _R F	10	26	30.6					
				11	04	18	20				
				13	21						
55	June 22	W	eP _{EZ} eS _Z εS _E M F	00	37	39		+		-	Rather deep focus type Pg etc. do not exist.
					39	10					
					31		3	25	20	15	Kasima-Nada, Japan
					52	51					
56	June 22	W	M	13	48						
57	June 26	W	e _E e _E F	19	23	34					
					27	17					
					45						
58	June 29	W	εP _Z L _E F	18	18	05					
					21	11	20				
					33						
59	July 10		εP _Z eS L F	07	47	35					
					49	57					
					50.7						
				08	40						
60	July 12		eP eS F	04	23	54					
					29	04					
					30						
61	July 21		εP _Z eS _H	12	46	57					
					52	39					
62	July 25	W	iP iS _H eS _Z m L _Z eScS F	08	25	36.8		+43	+34	-120	P~S=46.2
					26	23.0					
								60	40		35°4N, 135°6E, h=ca 350km Δ=2°5
					27	46					
					38	57					
					46						
63	July 27	W	iP iS _H F	00	32	14.9					
					33	19.4					
					37						
64	Aug. 12	Ō	S? M _N F	03	38	20					
					50.2						
				04.5							
65	Aug. 14	W	εP " " εS _{II} Ō " L _N M _N	04	46	07					
					47	48					
					51	17					
					56		33				
					58	12	15				
66	Aug. 14	W	eP F	04	56	18					
				05	30						
67	Aug. 21	W	εP eS F	04	19	01					
					21	43					
					05.0						
68	Aug. 22	W	εP eS εS m EM _E . M F	11	17	01					
						42					
						58					
					18	14	5.2		80		
					19	43					
					57		9	100			
					40						
69	Aug. 24	W	iP eS	12	15	16					+
					19	10					
70	Aug. 24	W	iP _Z	13	18	42					
71	Sept. 3	W	iP _Z " " Ō " " EM M F	12	01	28					+
					03	47					
					04	18	24				
					05	04					
					12.5		5	40	40		
72	Sept. 5	W	e εS	03	10	53					
					14.1						
73	Sept. 5	W	eP eS	22	21	28					
					40						
74	Sept. 9	W	eP L eS	00	33	36					
						52					

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				h	m	s		A _E	A _N	A _Z	
							μ	μ	μ		
75	Sept. 10	W	P S L	01	46 52 55.2	16 10					
76	Sept. 23	W	eP i i eS _{II} m eScS F	14	24	53.0 56 57 59.5 05 57	3.0	30	30	30	44.°8N, 138.°2E h=ca. 300km Δ=11.°8
77	Sept. 26	W	P S F	19	33 43.4	14					
78	Sept. 29	W	S	03	44	04					
79	Sept. 29	W	M	04	46						
80	Sept. 29	W	P S F	06	49 50 51	49 01					
81	Sept. 29	W	eP _H eS _H L F	17	50 54 56	58 40					
82	Oct. 1	W	P S F	06	42 44	05 31					
83	Oct. 1	W	iP _Z iS _H F	15	10 11 19	00 25				Deep focus	
84	Oct. 5	W	εP eS _H F	03	22 24	16 33					
85	Oct. 6	W	iP _Z eS _H iS _H F	05	02 03 14	18.5 17 22		-	+	+	
86	Oct. 9	W	ε F	12 13	56 24						
87	Oct. 14	W	P S F	12	38 39 46	15 11					
88	Oct. 16	W	P S	12	17 24	02 12					
89	Oct. 25	W	iP S eScS F	17	05 08 16 13	36.2 18 49		-	-	+	Deep focus
90	Nov. 3	W	eP e S? e F	19	47 47.8 50 51	14 48 44					
91	Nov. 6	W	eP _Z S	01	33 34	50 10					
92	Nov. 6	W	e	04	10	35					
93	Nov. 8	W	P S F	19	33 34	01 15					
94	Nov. 13	W	iP iS m i iScS F	04	49 51 57 01 30	25.5 21.0 24 59 34	6,5,3	+40 -250 250	+10 +30 220	-50 150	43.°5N, 136.°2E h=ca. 300km Δ=10.°2
95	Nov. 17	W	P S M	20	12 13	28.5 08.0 10		+3 40	+4 30	+7 10	種々島附近 Felt slightly 高知市微震 M. Miyamoto

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No.	Date	App.	Phase	G.M.C.T			Period	Amplitude			Remarks
				h	m	s		A _E	A _N	A _Z	
96	Nov. 26	W	eP eS M ₁ M ₂ F	04	26 28 29 00	39 46 11 21	9 15	50 100	50 200		
97	Nov. 27	W	εL _E	03	42						
98	Nov. 29	W	eP eS	20	15	34 56				日向灘 宿毛町 微震	
99	Dec. 1	W	eP L F	17	42 44.1 48	37				140°28' E; 36°24' N (C.M.O.)	
100	Dec. 4	W	eP e eL F	08	17 19 23 00	52 00 08	23				
101	Dec. 4	W	ε	22	43						
102	Dec. 5	W	iP iS _H m F	00	20 21 25	27.0 18.5	2 ^s	-10 7	+3 10	+20 Deep focus 137.0E; 33.7N (C.M.O.) 熊野灘	
103	Dec. 9	W	eP _Z iS _N iS _{gE} F	04	19 20 25	56 23 27				北丹一海部附近	
104	Dec. 9	W	eP iS _H m F	04	56 59	16 22	0.4	- 35	+ 30	10 高知一矢田部崎 高知市 微震	
105	Dec. 12	W	eP eS F	21	43 44 45	52 38					
106	Dec. 21	W	εP _Z M F	06	21.6 46.1 16						
107	Dec. 24	W	eP _Z εS F	06	37 43.9 40	59					
108	Dec. 24	W	eP eS F	16	47 49	35 41					
109	Dec. 25	W	eP _Z S m L M M _Z M M F	02	10 15 16 17 22 22 22.7 22.2 04.5	36 34 11 39 12 18	21 66 14 15.7 13 17	500 2000 1000	200 4000 4000	3300 39°N, 96°E 中華民國一肅州近傍	
110	Dec. 26	W	ε	21	11.8						
111	Dec. 26	W	iP iS _E F	22	34 37 45	33 03				父島南々東沖	
112	Dec. 29	W	eP eS F	20	34 35 36	57 23				宮崎一五箇瀬川上流	

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(M. M.)

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No.	Date	App.	Phase	G.M.C.T			Period	Amplitude			Remarks	
								A _E	A _N	A _Z		
				h	m	s	s	μ	μ	μ		
28	March 2	W	εP	18	28.7						Aftershock of No. 27	
29	March 2	W	ePz Qz	19	44 48.6	20					Ditto	
30	March 2	W	ePz	20	45	20	14			300	Ditto	
		W	S		47	15						
		O	eE		48	24						
		W	Mz		49	11						
		W	ME	to	50.4	15						
		W	(ME) F	to	50.4 50	08						
				22.0			12.0	150				
31	March 2	W	M	22	40						Ditto	
32	March 3	W	ε	00	23						Ditto	
33	March 3	W	ePz	02	24	26						
			eSH		28	21						
34	March 3	W	ε	04	40							
			Q F			45.3 00						
35	March 3	W	ePE	09	15	14						
			εLE			17.4						
			e F			18						15
					lost in next quake							
36	March 3	W	εPH	09	41	12						
			εQ			45						
			F			10.0						
37	March 3	W	ε	10	07.4							
			F			27						
38	March 3	W	ε	10	37							
			F			42						
39	March 3	W	ε	11	49							
40	March 3	W	ε	12	01							
41	March 3	W	ε	12	18							
			F			25						
42	March 3	W	ε	15	06							
			εS			07.4						
43	March 3	W	εS	15	12.4							
			F			25						
44	March 3	W	ε	15	53							
45	March 3	W	ε	16	16							
			F			22						
46	March 3	W	ε	18	52							
						57						
47	March 3	W	ε	19	11							
			S			12.4						
			F			21						
48	March 3	W	ε	19	56							
			F			20						00
49	March 3	W	ε	20	25							
			F			30						
50	March 4	W	ε	07	49							
			F			54						
51	March 6	W	P	22	45	24	5					
			S			43						
			Q			51						
			F			49						
52	March 8	W	P	01	38	10						
			S			40						14
			Q			50						51
			F			50						