

No. 13.

GEODÆTISK INSTITUT

1944

Copenhagen, Denmark.

Bulletin of the Seismological Station

IVIGTUT

$\varphi = 61^{\circ}12' \text{ N.}$ $\lambda = 48^{\circ}11' \text{ W.}$ $h = 20 \text{ m.}$

Lithologic foundation: Gneiss.

Instruments: WIECHERT 1000 kg. horizontal seismograph.
 Wiechert 1300 kg. vertical seismograph.
Constants (approximate values):

Component	T	v	V
N	sec. 8.8	3.5	180
E	8.8	4	215
Z	5	4	195

No.	Date	Hour	Forerunners				L	Δ	Remarks.				
			P or P'		S								
			m	s	m	s	m	s	h	m	o		
1	1944 Jan.	21					132	40	32	52	1.1		SS 48 ^m .8. Off Sumatra.
	10	20											Earthquake re- cord superposed by microseisms.
2	16	0	2	46	13	36	13	18	15	16	.5		Masked by mi- croseisms. P possibly about 5 ^s later than read. Argentina.
3	Febr.	3	31	39	39	2	31	56	34	0		52	34 ^m 57 ^s .42 ^m .6. 43 ^m .2. Turkey.
4	1	5	28	2							50		P small, not quite certain Japan.
5	3	12									35		Preceding move- ment disturbed.
6	4												No records
7	18	20									9		
8	18	21									42		
9	19	11									41		
10	19	13									53		
11	20	19									38		Strong micro- seisms.
12	21	15									32		
	29	3	153	33	63	3	64	21	68	9	72	77	Peru. Depth 200 km.

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			P or P'		S								
	Febr.		m	s	m	s	m	s	h	m	o		
13	29	16					46	38	46	46		48 ^m 9. 55 ^m 58 ^s . No N and E re- cords. Indian Ocean.	
14	March 9	22							.7			Preceding move- ment masked by microseisms.	
15	22	0					63.9		71.7	1.7		76.5. Flores Sea.	
16	April 26	2					24	20	31.4			North of New Guinea.	
17	27	14					58	25	64	3	86	66 ^m 22 ^s . 74 ^m 48 ^s . North of New Guinea.	
18	May 3	20								4			
19	3	20								37			
20	3	21								18			
21	6	0					22	55	27	13		Small preceding movement, be- ginning uncertain.	
22	19	0					45	8	49	16			
23	20	23								38			
24	21	0					23.4			25			
25	25	1					124	31	26	43		126 ^m 55 ^s . 27 ^m 53 ^s . South of Fiji Islands. Deep focus.	
26	25	13					17.3		20	57		23 ^m 9. PS 28 ^m 3 ^s . SS 34 ^m 38 ^s .	
27	June 2	4								59			
28	9	21							.5		59	Mexico.	
29	16	22	1	27	9	31	4.9					Loyalty Islands region	
30	21	11					21.0		.9				
31	25	1								42			
32	25	4					27.8			35		Turkey.	
33	25	14					140	4	1.4			Loyalty Islands region.	
34	25	17	52	48	61	35					66	Atlantic Ocean.	
35	28	8	8	34	16	33	12.2				58	Central America.	
36	July 12	19								52			
37	13	11					8	38	.5				
38	17	11					12	7	.3				
39	19	10	34	6			34	46	44.4	1.0		44 ^m 41 ^s . Off east coast of Honshu, Japan.	
40	27	0	113	48-	21	18	21	23	123	29	30	54	25.3. Aleutian Islands.
41	30	4	9	26	16	31						49	
42	Aug. 7	3	137	33+	47	36	48	26	1.0		80		Off Peru.
43	10	2			7	40	2	53	10.9	16			Off British Columbia.
44	18	10	145	17-	55	13	45	51	156	11		81	Depth ca. 140 km. Japan.
45	24	16	1	4	8	30				11	24		

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			P or P'	S					
46	Aug. 24	23	m s 47 21	m s 54 59	m s 47 41	m s 57 1	h m 64	o 56	P small, uncertain. Depth ca. 90 km. Off Mexico.
47	Sept. 3	19			39.4	46.2			
48	11	10			5 26	12.4			PS 15 ^m .4. Molucca Islands.
49	14	7					45		
50	19	13					44		
51	23	12	23 53	32 23	28 38	32 43	40	63	33 ^m 29 ^s . Off Kamchatka.
52	27	16	36 18	145 29			58	70	
53	27	17					.5		
54	Oct. 2	20		51 24	51 48		65		P quite small, uncertain. Japan.
55	5	18			7.2		.5		
56	6	2		50 40			56		Masked by micro-seisms. Turkey.
57	17	18			59.2		70		Masked by micro-seisms. China.
58	23	23					1.2		Masked by micro-seisms.
59	Nov. 15	21			6 36	12 36	36		SKKS 13 ^m 20 ^s . PS 16 ^m .2. SS 22 ^m .1. Off Mindanao.
60	16	12			31.7	32.8	63		42 ^m 1.43 ^m 54 ^s .47 ^m 8.48 ^m 7. Queen Charlotte Islands region.
61	24	5			10 9	11 4			PKS 11 ^m 20 ^s . pPKS 12 ^m 3 ^s . sPKS 12 ^m 29 ^s . 28 ^m .5. Depth ca. 170 km. New Hebrides Islands region.
62	Dec. 7	4	47 59	58 29	48 19	48 39			49 ^m 9 ^s 51 ^m 50 ^s 58 ^m 54 ^s 59 ^m 17 ^s 59 ^m 44 ^s 64 ^m 6. Beginning of P quite small, uncertain. Destructive in Japan.
63	8	18					58		
64	12	4	27 24	35 29	36.5	42 33		59	Aleutian Islands.
65	12	10			48 21		1.2		