

Copenhagen, Denmark.

Bulletin of the Seismological Station

IVIGTUT

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

Lithologic Foundation: Gneiss.

Instruments: WIECHERT 1000 kg horizontal seismograph.  
WIECHERT 1300 kg vertical seismograph.

Constants:

Component	T	v	r	V
N	sec. 8.7	3.5	mm 0.7	180
E	8.7	3.8	0.5	220
Z	4.8	3.1	0.1	200



No.	Date	Hour	Forerunners						L	$\Delta$	Remarks.	
			P or P'		S							
			m	s	m	s	m	s	h	m	°	
	1949											
	Jan.											
1	2	13								39		
2	23	7								22		
3	24	9				44.3		53	18			Tonga Islands.
4	28	8								35		
5	29	23								28		
6	Febr. 2	17	i51	04	i58	49	51	48	60	24	57	65 <sup>m</sup> .4. Depth about 200 km. Aleutian Islands.
7	10	22								59		
8	13	18				47	17	56	52	1.6		59 <sup>m</sup> 48 <sup>s</sup> .SS 64 <sup>m</sup> .9. Kermadec Islands.
9	14	18			e25	20				37		Mexico.
10	23	16	i19	21			i19	26	22	02	42	23 <sup>m</sup> 27 <sup>s</sup> , Z record only. Sinkiang Province, China.
11	28	1								12		
	Mar.											
12	2	7								05		Strong microseisms.
13	4	2								26		
14	4	10	i30	20	i39	20	31	17	31	37	70	PP 33 <sup>m</sup> 01 <sup>s</sup> .39 <sup>m</sup> 53 <sup>s</sup> . i40 <sup>m</sup> 43 <sup>s</sup> .i41 <sup>m</sup> 43 <sup>s</sup> .45 <sup>m</sup> .0. SSS 47.4. Depth about 200 km. Hindu Kush.

No.	Date	Hour	Forerunners				L	△	Remarks.	
			P or P'		S					
			m	s	m	s	h	m	°	
15	1949 16	22						1.2		New Britain region.
16	17	21						63		Repetition.
17	24	21	e05 46	e12 48				20	49	California.
18	27	6		61 48	e53 50	e59 45		1.6		SKKS 60 <sup>m</sup> 52 <sup>s</sup> . PS 63 <sup>m</sup> 4 <sup>s</sup> . PPS 64 <sup>m</sup> 54 <sup>s</sup> . SS 69 <sup>m</sup> 44 <sup>s</sup> . SSS 74.3. Celebes Sea.
19	30	12						58		
20	30	15						46		Fiji Islands.
21	Apr. 5	9	i38 05	47 08	39 47	47 29				Depth about 550 km. Siberia.
22	7	2			e08 36					
23	13	20	i03 38	i10 05	e05 22	e05 50		16	43	SS 13 <sup>m</sup> 0. ScS 13 <sup>m</sup> 34 <sup>s</sup> . State of Washington. Recording stopped from 14 <sup>d</sup> 16 <sup>h</sup> to 20 <sup>d</sup> 13 <sup>h</sup> . No time marks on hori- zontal records.
24	24	4						.9		
25	25	14	e07 16	i17 20	i07 44	i17 26		34		i18 <sup>m</sup> 08 <sup>s</sup> . iSS 22 <sup>m</sup> 33 <sup>s</sup> . i23 <sup>m</sup> 23 <sup>s</sup> . SSS 26.3. Depth about 100 km. Chile.
26	30	1			e42 47	i43 16		1.3		SKS 48 <sup>m</sup> 30 <sup>s</sup> . SKKS 49 <sup>m</sup> 19 <sup>s</sup> . i49 <sup>m</sup> 35 <sup>s</sup> . 52.1. Depth about 150 km. Near south coast of Mindanao
27	May 3	6	i07 38-	i16 32	i17 25	18 28			68	Depth about 100 km. Kurile Islands.
28	9	14						30		
29	10	0						56		
30	21	22						26		
31	25	8	i34 58	e44 08	i45 10	48.9		57	70	Sinkiang Province, China. Depth about 100 km. Chile.
32	30	1	i45 06	e55 18	i45 32					
33	June 12	18	i04 18	e14.4					90	Depth 600 km. Argentina. Aftershock.
34	12	18	i07 45	e17.6						
35	23	23						35		
36	24	22			i59 08			1.6		Southwest of Java.
37	26	9						37		
38	July 2	20		e22 46	e15 13	e 21 41		46		SS 29 <sup>m</sup> 3. 29 <sup>m</sup> 45 <sup>s</sup> . Mariana Islands region. Persian Gulf.
39	4	3	i52 09	e61 43	66 06			1.3	71	
40	4	4						56		
41	5	4						36		
42	5	8						54		
43	7	4						45		
44	8	13						14		
45	10	4	i 04 40	i13 45	07 13	14 45		26.6	69	SS 18 <sup>m</sup> 3. SSS 21 <sup>m</sup> 2. Turkestan.
46	10	16	i 00 19	i09 20	10 18				69	Aftershock.



No.	Date	Hour	Forerunners				L	△	Remarks
			P or P'		S				
47	1949 10	16	m s	m s	m s	m s	h m °		Z record illegible. Aftershock.
48	19	17	i53 14				1.3		Aftershock.
49	23	10	i45 36		e47 52	i49 02			Depth about 200 km. New Hebrides Islands.
50	23	15	i12 24	i19 34	i12 31	23.6	26	50	24.9. Near west coast of Turkey.
51	27	15			e34 19	e40 37	1.3		43 <sup>m</sup> 35 <sup>s</sup> . e 46 <sup>m</sup> 39 <sup>s</sup> . Kermadec Islands region
52	30 Aug.	6	e41 04						Kurile Islands. No records from Aug. 5 <sup>d</sup> 15 <sup>h</sup> - Aug. 6 <sup>d</sup> 12 <sup>h</sup> .
53	11	14					50		
54	13	19					20		
55	17	18	e45 49		46 09				Depth about 100 km. Japan.
56	17	18	e53 52	61 41			56		No Z record. Eastern Turkey.
57	18	14					03		
58	22	4	i09 19	i15 48	10 46	11 09	21	44	i18 <sup>m</sup> 39 <sup>s</sup> . Queen Char- lotte Islands.
59	23	20	e32 46	i39 18	e34 21	42 43	45	45	Queen Charlotte Islands.
60	Sept. 14	20			i10 19	i17 15	.7		ePS 19 <sup>m</sup> 58 <sup>s</sup> . SS 26 <sup>m</sup> 30 <sup>s</sup> . SSS 30 <sup>m</sup> .3. Molucca Passage.
61	21	13	i04 39	e12.2	15.1	17.7	22		Mexico.
62	24	5					22		
63	27	15	i38 58	i45 34	e40.8	i48 55	52	44	Near south coast of Alaska.
64	30 Oct.	5					09		
65	4	10		i39 53	47.3				Mid Atlantic Ocean.
66	7	12			e23 24	45.4	1.1		Indian Ocean.
67	19	21			23 07	30.8	1.0		SS 37 <sup>m</sup> .5. SSS 41 <sup>m</sup> .2. Solomon Islands region.
68	20	13			21.8	27.0	.7		Aftershock.
69	21	22					38		
70	31 Nov.	1	e47 29	e54.0	e49 20		62		Alaska.
71	7	6					57		
72	13	5					16		
73	20	7		i26 49	32.0		35		
74	22	1	i10 51		i14 00	i14 22	58		Mexico. 15 <sup>m</sup> 06 <sup>s</sup> . 15 <sup>m</sup> 31 <sup>s</sup> . 25 <sup>m</sup> .5. SS 31 <sup>m</sup> .0. 39 <sup>m</sup> .3. Kermadec Islands. Tonga Islands region.
75	27	9			12 40	19 20	40		
76	Dec. 1	10			30.9	i33 04	53		
77	17	7		21 35	15 44	24 24	41		SS 29 <sup>m</sup> .6. SSS 33 <sup>m</sup> .1. 34 <sup>m</sup> .7. Southern Chile.
78	17	15			e27 41	i37 44	54		SS 43 <sup>m</sup> .7. Southern Chile.

I V I G T U T

No.	Date	Hour	Forerunners				L	△	Remarks.				
			P or P'		S								
	1949		m	s	m	s	m	s	h	s	°		
79	Dec. 21	19	i44	24	e53	44	57.5					No Z record. Depth about 600 km. Bolivia.	
80	22	9			i47	54	i49	38	i49	59	57	No Z record. Depth about 100 km. Mexico.	
81	26	6					56	13	61	36	1.4	65.6. Fiji Islands.	
82	28	0			e34	10			47.6		55		
83	29	3			e29	22			29	54	52	Luzon, Philippine Islands.	
			April 1955.										Henry Jensen.