

Copenhagen, Denmark.

Bulletin of the Seismological Station

IVIGTUT

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

Lithologic Foundation: Gneiss.

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

Constants:

Component	T	v	r	V
	sec.		mm	
N	8.7	3.5	0.5	175
E	8.7	3.8	0.4	215
Z	4.8	3.0	0.1	190



No.	Date	Hour	Forerunners				L	$\Delta$	Remarks.			
			P or P'		S							
			m	s	m	s	m	s	h	m	o	
1	1948 Jan. 6	17	i33	10	e40	57	i41	17	52.5	56		Mexico. iSKS 11 <sup>m</sup> 43 <sup>s</sup> . PS 14 <sup>m</sup> 52 <sup>s</sup> . iPPS 15 <sup>m</sup> 48 <sup>s</sup> . SS 20 <sup>m</sup> 5. i20 <sup>m</sup> 42 <sup>s</sup> . Strong micro- seisms. Philippine Islands. M 32 <sup>m</sup> 5. No Z record. Arabian Sea.
2	24	18			e05	28	e05	28	38			
3	28	16										Aegean Sea.
4	30	9			e05	48			21			
5	Febr. 9	13	i07	28	i14	55	i17	14	18.9	24.5	53	Arctic Sea.
6	13	5							32			
7	18	19							16			Northwest of Luzon, Philippines. Molucca Passage.
8	18	20			i40	54			45			
9	28	2							21			Southeast of New Hebrides Islands.
10	Mar. 1	1					i32	02	i38	19	1.2	
11	2	8							54			Southeast of New Hebrides Islands.
12	3	9					i34	17	42.2	55		
13	13	20						38.5	59			Southeast of New Hebrides Islands.
14	22	22							02.7			
15	24	6							29			Southeast of New Hebrides Islands.
16	29	10							53			
17	29	12						30.7	53			

No.	Date	Hour	Forerunners				L	Δ	Remarks.				
			P or P'		S								
	1948		m	s	m	s	m	s	h	m	o		
18	Apr. 17	16	e24	10	i34	43	i34	34	e35	33	52	85	SS 39 <sup>m</sup> .5. SSS 44 <sup>m</sup> .2. Japan.
19	18	13											
20	21	20	e30	13	e36	50	i30	21	32	15	.3 42	45	i36 <sup>m</sup> 59 <sup>s</sup> . SS39 <sup>m</sup> 54 <sup>s</sup> . SSS 40 <sup>m</sup> .7. Off Domini- can Republic. Z record illegible. Aftershock.
21	22	0			e43	05	46	23			50		Greece.
22	22	10	i51	21	e58	08	61.6				65	47	
23	22	13									32		
24	23	12			e05	13	08.5				12.7		Off Dominican Repu- blic. North Atlantic Ocean.
25	26	9			e37.4						38		
	May												
26	8	2	i57	55									Kurile Islands.
27	9	2	e21	57	32.8		e22	02	e32	33	51		Japan.
28	11	9	i07	50	i17	50	i08	07	12	20	32	81	iSKS 18 <sup>m</sup> 07 <sup>s</sup> . SSS 26 <sup>m</sup> .7. Depth about 60 km. Peru.
29	12	1			i19	18	19	39	24	27	33		Japan.
30	14	22	i41	00	i48	29	41	21	i48	49	56	53	iScS 50 <sup>m</sup> 52 <sup>s</sup> . SS 52 <sup>m</sup> .3. SSS 53 <sup>m</sup> .4. South of Alaska.
31	17	17	i57	50	i65	17	i58	04	i65	32	74	53	Aftershock.
32	20	7	e18	15			18	38	22.2		23.7		First movements small, uncertain.
33	22	19	e41.3				47.2				1.6		New Zealand.
34	23	5									.3		
35	25	7	e24	06	e34	32	i24	18	24	50	52	83	China.
36	26	9	i25	44	e32	51	36.4				41.9	50	South of Alaska.
37	30	10									24		
	June												
38	1	19									47		
39	15	11	e57	20	e67	52	i57	29	e67	41		85	SS 73 <sup>m</sup> .2. Japan.
40	18	1									58		
41	21	12									57		
42	24	2					e01	18			18		
43	27	13			e04	41					14		
44	27	21			e55	25	58.2		59.4		64		South of Alaska.
45	28	7	e25	56	e36	14	i36	26	41	41	50	83	Japan.
46	29	10					48	44	54	19	1.4		PS 58 <sup>m</sup> 36 <sup>s</sup> . SS 64 <sup>m</sup> 38 <sup>s</sup> . SSS 68 <sup>m</sup> .7. Samoa Islands.
47	29	16	16.1		23.9						33		Caucasus.
48	30	12	i29	47	i36	38	39.4				44	47	Jonian Islands.
	July												
49	3	15									52		
50	5	14					e14.1				28		Persia.
51	7	2			e42	36	42	23	43	13	58		SS 48 <sup>m</sup> 12 <sup>s</sup> . Japan.
52	8	12	i39	11	i42	58					45	21	Jan Mayen region.
53	14	22					e49	38	59.8		1.4		SS 66 <sup>m</sup> .0. SSS 69 <sup>m</sup> .2. New Guinea.
54	15	11	e12	47	e21	26	25	51			35	65	Near southwest coast of Mexico.

No.	Date	Hour	Forerunners				L	△	Remarks.				
			P or P'		S								
			m	s	m	s	m	s	h	m	o		
55	1948 July 16	7	e29	26	i36	53				43			Depth about 100 km. Off Guatemala. 13 <sup>m</sup> 24 <sup>s</sup> . Near Celebes.
56	18	7					i03	34	i09	12			
57	20	1								49			
58	20	11	i14	26	i24	26	i14	42	24	42	.7		iPS 25 <sup>m</sup> 12 <sup>s</sup> . Near southwest coast of Peru.
59	22	18								11			
60	22	20						23.5		28			Vancouver Islands. Deeper than normal.
61	24	6	i12	20	e19	37	i12	32	i19	42			Crete.
62	Aug. 7	14	e52	48	63	25	63	13		81		85	Japan. Some depth. Mexico. Deeper than normal.
63	11	10	i45	42	i53	15	i45	51		62			
64	19	13	e58	39	65	03	68	23		73			Alaska.
65	19	20								24			
66	25	6	i22	08	i32	46	25	28	32	31		86	133 <sup>m</sup> 48 <sup>s</sup> . SS 38 <sup>m</sup> 3. 40 <sup>m</sup> 24 <sup>s</sup> . Argentina.
67	28	3								04			
68	29	18					15 <sup>m</sup> 2			.7			Samoa Islands. North of Iceland.
69	30	1								46.5			
70	Sept. 1	19								45			
71	1	20								20			
72	2	23					53	48	60	24	1.4		63 <sup>m</sup> 1.63 <sup>m</sup> 59 <sup>s</sup> . SS 68 <sup>m</sup> 59 <sup>s</sup> . Off Mindanao. Some depth. Chile.
73	6	8	i22	57	e33	40	33	29					
74	6	9								44			
75	6	17								07			
76	7	8			i35	17							Hindu Kush. iSKS 35 <sup>m</sup> 17 <sup>s</sup> .
77	7	22								30.6			i38 <sup>m</sup> 12 <sup>s</sup> . PS 40 <sup>m</sup> 00 <sup>s</sup> .
78	8	15	i28	20			30	10	32	15			iSS 46 <sup>m</sup> 57 <sup>s</sup> . 49 <sup>m</sup> 9. Tonga Islands.
79	10	12								25			
80	10	14	i00	13	i09	46	10	44	i11	44		74	Japan.
81	10	17								52			
82	11	0								21			
83	11	9			i08	21	i01	57	12.2				Deeper than normal. Gulf of Corinth.
84	19	6								47			
85	23	1			e14	24				33			Japan.
86	25	0								21			
87	28	22					00	10	01	18			SS 06 <sup>m</sup> .8. 13 <sup>m</sup> 7. Burma.
88	Oct. 4	6								49			
89	5	20	i22	48	i31	26	32	38	32	38		64	SS 35 <sup>m</sup> 3. SSS 38 <sup>m</sup> 7. Iran. Sandwich Islands.
90	15	23					21.0			41			
91	21	5								18			
92	21	5								59			

No.	Date	Hour	Forerunners				L	△	Remarks.			
			P or P'		S							
	1948		m	s	m	s	m	s	h	m	o	
	Nov.											
93	1	12	i16	03	e24	20			37.5	61		Kamchatka.
94	3	6							12			
95	19	1			e22	08		29.0				No. Z record.
96	21	20							19			
97	22	9							41			
98	26	6							34			
	Dec.											
99	4	0			i40	32		44.3			50	Strong microseisms. Mexico.
100	5	0									10	
101	5	6						58.8	82.7	1.7		Strong microseisms. New Zealand.
102	12	13									50	
103	16	8									28	
104	29	13									18	
105	31	0									12	No. Z record.
			April 1955.									Henry Jensen.

