

No. 17.

GEODÆTISK INSTITUT

1948.

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
	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	Δ	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.
2	24	18			e05	28		08 32	38			iSKS 11 ^m 43 ^s . PS 14 ^m 52 ^s . iPPS 15 ^m 48 ^s . SS 20 ^m 5. i20 ^m 42 ^s . Strong micro- seisms. Philippine Islands. M 32 ^m 5.
3	28	16										No Z record. Arabian Sea.
4	30	9			e05	48			21			
5	Febr. 9	13	i07	28	i14	55	i17	14	18.9	24.5	53	Aegean Sea.
6	13	5							32			
7	18	19							16			
8	18	20			i40	54			45			Arctic Sea.
9	28	2							21			
10	Mar. 1	1					i32	02	i38	19	1.2	iSKKS 39 ^m 42 ^s . i42 ^m 42 ^s . SS 49 ^m 2. SSS 54 ^m 1. Moluccas.
11	2	8							54			
12	3	9			i34	17		42.2	55			Northwest of Luzon, Philippines. Molucca Passage.
13	13	20						38.5	59			
14	22	22							02.7			
15	24	6							29			
16	29	10							53			
17	29	12						30.7	53			Southeast of New Hebrides Islands.

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			P or P'		S									
			m	s	m	s	m	s	h	m	o			
18	1948 Apr. 17	16	e24	10	i34	43	i34	34	e35	33	52	85	SS 39 ^m .5. SSS 44 ^m .2. Japan.	
19	18	13												
20	21	20	e30	13	e36	50	i30	21	32	15	.3	42	45	i36 ^m 59 ^s . SS39 ^m 54 ^s . SSS 40 ^m .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		
26	May 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 ^m 07 ^s . SSS 26 ^m .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 ^m 52 ^s . SS 52 ^m .3. SSS 53 ^m .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		
38	June 1	19												
39	15	11	e57	20	e67	52	i57	29	e67	41		47	85	SS 73 ^m .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 ^m 36 ^s . SS 64 ^m 38 ^s . SSS 68 ^m .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.
49	July 3	15												
50	5	14					e14.1					28		Persia.
51	7	2			e42	36	42	23	43	13		58		SS 48 ^m 12 ^s . Japan.
52	8	12	i39	11	i42	58						45	21	Jan Mayen region.
53	14	22					e49	38	59.8		1.4			SS 66 ^m .0. SSS 69 ^m .2. New Guinea.
54	15	11	e12	47	e21	26	25	51				35	65	Near southwest coast of Mexico.

