

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	8.8	3.6	0.2	180
E	8.8	4.0	0.3	215
Z	4.9	3.1	0.1	195

No.	Date	Hour	Forerunners				L	$\Delta$	Remarks.
			P or P'		S				
	1939								
	Jan.		m s	m s	m s	m s	h m	o	
1	20	20			55 22				
2	25	3			56 24	57 20			
3	30	2			39 3	148 57			
4	Mar. 20	3			45.8	46 0	65		
5	21	1			34 10				
6	Apr. 5	17	1 52		4 7	5 13	36		
7	21	4	139 33-	48 10 <sup>x</sup>	141 24	48 43		73	
8	23	16	33 53	42 37			49	65	
9	30	3	14.7		16.7	18.7			
10	May 1	6	12 19 <sup>x</sup>	22.3				80	
11	2	13	24 9	31 40	24 20 <sup>x</sup>	34.9	42	53	
12	6	6			18 42				
13	8	1	52 45	57 35	152 48		59	28	
14	17	18			54.4		71		

No.	Date	Hour	P or P'	S			L	△	Remarks.
	1939								
	June								
15	5	23	m s 9 21	m s 13.9	m s	m s	h m	o	P and S both small, uncertain.
16	8	21	5 38		i 7 2	7 28			SKS 12 <sup>m</sup> 27 <sup>s</sup> . Pacific Ocean.
17	12	4	13 6 <sup>x</sup>	19 30	14 52			43	
18	22	19	i30 15+	39 5			48	67	Atlantic Ocean. East of Mindanao.
19	27	23			23 37	33 10			
	July								
20	4	18	38 9 <sup>x</sup>	48 4	50 2				Bolivia. Deep focus.
21	5	23			1 20	2 29			8 <sup>m</sup> 29 <sup>s</sup> .
22	12	23			12 26				
23	14	8	i41 53-	50 14	50 24			61	Pacific Ocean.
24	18	3	34 59	41 39	36 40	41 57		45	SS 44 <sup>m</sup> 58 <sup>s</sup> . Pacific Ocean.
25	20	2	i41 0-		43 23	44 23			Fiji Basin. Deep focus.
26	31	19	19 7				20		P quite small, uncertain.
	Aug.								
27	1	16	i 6 35						
28	12	2			29 19 <sup>x</sup>	29 39			
29	12	10		10 47			.4		
30	18	22	i35 11--		38 33				
31	19	1			10 2		.9		
	Sep.								
32	8	12	i15 12	23 41	17 22 <sup>x</sup>	23.6			e <sub>z</sub> 24 <sup>m</sup> 25 <sup>s</sup> . S.S 25 <sup>m</sup> 0 <sup>s</sup> . e <sub>z</sub> 25 <sup>m</sup> 54 <sup>s</sup> . e 31 <sup>m</sup> 0. Deeper than normal. Aleutian Islands. Asia Minor.
33	15	23		32 43			.7		
34	21	11						23	
35	21	11						47	
36	21	12			45 59			47	
37	22	0	45 31	52.8				51	P and S small. Asia Minor.
	Oct.								
38	10	18	44 7	54 11					P uncertain, masked by microseisms. Japan.
	Nov.								
39	21	11	12 40	21 40	13 29	22 36		73	23 <sup>m</sup> 11 <sup>s</sup> . Depth about 220 km. Hindu Kush. Strong microseisms.  After April 9, 1940 station records could no longer be sent to Copenhagen. Those of Nov. 29. were the last ones received.