

No. 10.

GEODETISK INSTITUT
Copenhagen, Denmark.

1939.

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	△	Remarks.				
			P or p'		S								
	1939		m	s	m	s	m	s	h	m	o		
1	Jan. 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 ^x	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 ^x	22.3							80	
11	2	13	24	9	31	40	24	20 ^x	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	

59^m.1. SS 64^m 1^s.
Destructive in Chile. Strong microseisms.
47^m27^s. 50^m.3.
51^m.2. Felt in New Guinea.
Japan.
Phases not clearly marked.
16^m12^s. 22^m.5.
51^m.1. Depth about 500 km. Sea of Okhotsk.
Atlantic Ocean.
22^m.4. 26^m42^s.
28^m36^s. 30^m.5.
32^m.8. 47^m.8 a very large L wave, period of about 1 min. Solomon Islands region.
Japan.
California.
Azores.

No. 10.

- 2 -

1939.

I V I G T U T

No.	Date	Hour	Forerunners				L	△	Remarks.
			P or P'		S				
	1939								
	June		m s	m s	m s	m s	h m	o	
15	5	23	9 21	13.9					
16	8	21	5 38		i 7 2	7 28		P and S both small, uncertain. SKS 12 ^m 27 ^s . Pacific Ocean.	
17	12	4	13 6 ^x	19 30	14 52				
18	22	19	i30 15+	39 5			48	43 67	
19	27	23			23 37	33 10			
	July								
20	4	18	38 9 ^x	48 4	50 2				
21	5	23			1 20	2 29			
22	12	23			12 26				
23	14	8	i41 53-	50 14	50 24			61	
24	18	3	34 59	41 39	36 40	41 57		45	
25	20	2	i41 0-		43 23	44 23			
26	31	19	19 7				20		
	Aug.								
27	1	16	i 6 35						
28	12	2			29 19 ^x	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 ^x	23.6			
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	
38	Oct. 10	18	44 7	54 11					
39	Nov. 21	11	12 40	21 40	13 29	22 36		73	

P and S small. Asia Minor.

P uncertain, masked by microseisms. Japan.

23^m11^s. 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.