

No. 9.

GEODÆTISK INSTITUT
Copenhagen, Denmark.

1938.

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	8.8	3.5	0.2	180
E	8.8	4.0	0.3	215
Z	4.9	3.0	0.1	195

No.	Date	Hour	Forerunners				L	Δ	Remarks.		
			P or P'		S						
			m	s	m	s	m	s	h	m	o
	1938										
	Jan.										
1	23	8			55	0			1.1		
2	24	10			52	23	59.7				
	Febr.										
3	1	19			25	3	26	43			
4	5	2	33	33-	41	32	34	11	34	37	60
5	15	3			42	35			46		
6	15	7			12	4			15		
	March										
7	22	15	30	24	37	1	32	13	44	45	West of Queen Charlotte Islands.
8	27	2							52		
9	27	3							23		

No records
1^d - 2^d 12^h
P masked by
microseisms.
PS 62^m38^s. 62^m55^s.
SS 69^m.6.

27^m40^s. 30^m42^s
32^m0. 34^m8. 35^m0^s.
36^m45^s. 41^m24^s
42^m3. e. 42^m37^s
very large. 46^m.6.
48^m56^s. 50^m34^s.
Banda Sea.
PPP 37^m8^s. p PPP
37^m45^s. SS 42^m38^s.
e 44^m2. SSS
48^m20^s. Depth about
160 km. Colombia.
Atlantic Ocean.
" "

No.	Date	Hour	Forerunners				L	△	Remarks.			
			P or P'		S							
			m	s	m	s	m	s	h	m	o	
10	1938 April 13	2	i53	29-	i59	39	54	53	55	16	44	56 ^m 0 ^s ; 32 ^s . 60 ^m 29 ^s . 61 ^m 12 ^s ; 63 ^m 0 ^s . 64 ^m 41 ^s . Depth ca. 300 km. Mediterra- nean Sea.
11	14	1	29	17	40	11	39	46	41	4	94	Depth 120 km. Burma. Anatolia.
12	19	11	8	35	16	3	19.	7	22.	0	53	
13	May 11	14			62	59	63	29				P distinct, but beginning uncertain. Off Mexico.
14	12	15	58	0			59	43	69	43		SS 77 ^m . 2. New Guinea.
15	13	1							30			
16	13	1							52			
17	13	2							57			
18	13	9							26			
19	13	12							55			No records 13 ^d 16 ^h - 16 ^d 13 ^h .
20	19	15							21			
21	19	17	27	32			28	52	31	21	55	SKS 34 ^m 3 ^s . SKKS 35 ^m 5 ^s . 35 ^m 53 ^s . PS 38 ^m 40 ^s . SS 44 ^m 2 ^s . SSS 49 ^m 3 ^s . Celebes. e. N 41 ^m 37 ^s . SS 46 ^m 2 ^s . Japan.
22	23	7	30	50+	41	4	34	1	37	26	82	
23	28	10	22	47	29	48	24	39	33.	3	37	49 P not clearly marked, the reading not quite certain. Off Oregon.
24	28	16	53	45 ^x	63	22			51	16	78	75 Kurile Islands.
25	30	14	48	58			51	16	52	21	84	PPP 54 ^m 6 ^s . SKS 56 ^m 32 ^s . e 61 ^m 16 ^s . 64 ^m 4. 69 ^m 4. New Hebrides Islands.
26	June 9	19	34.	0			35	40	40.	9	1.1	42 ^m 49 ^s . PS 45 ^m 30 ^s . 51 ^m 3. 52 ^m 5. 55 ^m 7. 56 ^m 5. Banda Sea. Phases not clearly marked.
27	10	10	6	54	18	4	10	54	16	58	94	SKS 17 ^m 37 ^s . PS 19 ^m 17 ^s . SS 24 ^m 8 ^s . SSS 28 ^m 5. Pacific Ocean.
28	10	18			23	44					39	Mexico.
29	16	2	i28	15+	39	4	32	0	38	51	89	40 ^m 41 ^s . Riukiu Islands.
30	21	0	i 1	27+	10	33	3	51			69	Kirghiz ASSR.
31	23	13	14	32			16	54	17	55		East of Loyalty Islands.
32	25	23	150	28+	54	53	55	5			57	Greenland Sea. Deeper than normal.
33	28	19	27	21-			27	43	28	21		Mexico.
34	30	17	3	40			3	52	7	13		Northeast of Loyalty Islands.

No.	Date	Hour	Forerunners				L		△	Remarks.		
			P or P'		S		h	m				
			m	s	m	s	m	s	o			
69	1938 Nov. 10	20	27	48	35	15 ^x	29	9	30	36	53	eP 27 ^m 48 ^s quite small. iP _Z 27 ^m 55 ^s 31 ^m 4 ^s e _N 35 ^m 29 ^s in 35 ^m 38 ^s . Succeeding oscillations very large; two of the pens thrown off some minutes later. South of Alaska.
70	13	13	25	8+	34	31 ^x	35	12			48	72 Kurile Islands. P recorded, but beginning uncertain. P masked by strong microseisms, about 3 ^m 53 ^s . South of Alaska. No records 18 ^d 13 ^h - 26 ^d 13 ^h .
71	13	22					54	21			68	
72	17	4			10	57	13	31 ^x	14	55	18	
73	Dec. 16	17					52.8		56.8			60 ^m .2. P _Z ' recorded, but the beginning uncertain. Later phases not well defined either. New Zealand.

x affixed to time of phase indicates that beginning of phase is in time-mark.