

No. 15.

1946.

GEODÆTISK INSTITUT

Copenhagen, Denmark.

Bulletin of the Seismological Station

IVIGTUT

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

Lithologic Foundation: Gneiss.

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

Constants:

Component		T	v	r	V
		sec		mm	
N	1/1-9/8	8.8	3.3	0.5	180
	9/8-31/12	8.8	3.7	1.2	170
E	1/1-9/8	8.7	3.8	0.5	220
	9/8-31/12	8.8	4.0	0.4	215
Z		4.9	3.0	0.1	200

No.	Date	Hour	Forerunners				L	△	Remarks.				
			P or P'		S								
	Jan.		m	s	m	s	m	s	h	m	o		
1	5	20					29	44	.9				
2	11	1					152	57					
3	12	20	33	54	140	34	34	6	35	56	46	45	e _z 40 ^m .9.SS 43 ^m .9 Alaska.
4	Febr.	15									40		
5	Mar.	15									48		
6	15	13									15		
7	26	18					2				9		
8	29	7			46	1					55		P faintly recorded.
9	Apr.	1	12	38 28	46	9	38	52	40.3		51	55	South of Aleutian Islands.
10	1	17					16.7				26		Aftershock.
11	1	19	7	6	14	49	7	10			23	55	"
12	2	4									41		"
13	2	6									6		"
14	2	6									25		"
15	2	16			47.7						57		"
16	3	9	8	2							26		"
17	4	17									0		"
18	4	21									54		"
19	6	5									20		"
20	8	18									4		"
21	9	20									49		Small preceding movement.
22	11	2			12	20	3	39	6.3				Jan Mayen. 16 ^m .7.19 ^m .8, P not clearly recorded. Atlantic Ocean.
23	May	3					44	10	54	1			Southeast of New Guinea.

No.	Date	Hour	Forerunners				L	A	Remarks.			
			P or P'		S							
			m	s	m	s	m	s	h	m	o	
	1939											
	July											
24	13	5							26			No records May 6.
25	13	6							31			to July 11.
26	16	5				44	20		58			(clock repaired).
27	16	14				120	55					No . Z record.
												Crete. Time-
												correction uncertain.
												Small preceding
												movement. No . Z
												record. Near shock.
												July 17. to Aug. 12.
												time-corrections
												unreliable.
28	Aug. 15	15				46	51		87			Loyalty Islands.
29	21	18				21.4		22.4				
30	21	19	125	54	32	30			38	45		Antilles.
31	24	14				35.7			41			"
	28					33.3						Time-correction
												uncertain.
	Sept. 12											Time-correction
32	29	3				21.1		22 30				uncertain.
												SKS 28 ^m 11 ^s . SKKS
												29 ^m 39 ^s . PS 32 ^m 25 ^s .
												PPS 33 ^m 7 ^s . SS
												38 ^m 9 ^s . Solomon
												Islands region.
33	Oct. 2	4	56	47	65	27	66	47	77	65		South of Kamchatka.
34	2	6	153	56	62	36	64	3	75	65		" " "
35	30	7	157	3	64	44	65	3	72	55		Aleutian Islands.
36	Nov. 1	11	24	32	32	56				62		Aleutian Islands.
37	2	18	39	20+	48	13	41	46		67		Turkestan.
38	4	21	158	3+	66	23	158	22		61		61 ^m 18 ^s . 66 ^m 41 ^s .
												67 ^m 50 ^s . 68 ^m 14 ^s .
												East coast of
												Caspian Sea.
39	10	17	154	24-	63	54	54	53		74		Peru
40	12	17					49.8		1.3			Tonga region.
												Dec. 6.-31. no
												records.
9	1	12	38	28	46	9	38	52				
10	1	17					16.7					
11	1	19	7	5	14	49	7	10				
12	2											
13	2											
14	2											
15	2											
16	3											
17	4											
18	4											
19	6											
20	8											
21	9											
22	11											
23	3											