

GEODÆTISK INSTITUT

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	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	Δ	Remarks.		
			P or P'		S						
			m	s	m	s	m	s	h	m	o
1	Jan.	5									
2		11									
3		12	33	54	140	34			46	45	$e_z 40^m.9.$ SS $43^m.9$ Alaska,
4	Febr.	15							40		
5	Mar.	15							48		
6		15							15		
7		26							9		
8		29			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					16.7		26		Aftershock.
11		1	7	6	14	49	7 10		23	55	"
12		2							41		"
13		2							6		"
14		2							25		"
15		2			47.7				57		"
16		3	8	2					26		"
17		4							0		"
18		4							54		"
19		6							20		"
20		8							4		"
21		9							49		"
22		11			12	20	3 39	6.3			Small preceding movement, 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	Δ	Remarks.			
			P or P'		S							
			m	s	m	s	m	s	h	m	o	
	1939											
	July											
24	13	5							26			No records May 6. to July 11. (clock repaired).
25	13	6							31			
26	16	5				44	20		58			No Z record. Crete. Time-correction uncertain.
27	16	14				120	55					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 uncertain.
32	29	3				21.1		22 30				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	52.6	67		Turkestan.
38	4	21	158	3+	66	23	158	22	60 14	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	57 8	74		Peru
40	12	17					49.8		1.3			Tonga region.
												Dec. 6.-31. no records.