

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	8.9	3.6	0.3	180
E	9.0	4.0	0.5	210
Z	4.7	3.0	0.2	190

From Jan. 1952 the station was severely annoyed by heavy blastings in the neighbouring quarry. In March 1953 the station was closed for the present.

No.	Date	Hour	Forerunners								L	Δ	Remarks.	
			P or P'		S									
			m	s	m	s	m	s	m	s	h	m	°	
1	1951 Jan. 6	5	i28	16	i37	15	i29	25	38	09				isS 38 ^m 43 ^s . SS 41 ^m 49 ^s . Depth about 250 km. Hindu Kush.
2	6	8	e01	16			i10	32	11	13				Depth about 100 km. South of Panama.
3	15	4					e31	33	e38	06	68			Depth about 150 km. New Hebrides.
4	18	21									44			
5	22	13									19			
6	24	7									44			
7	Febr. 12	17	e31	26	e39	06					48	55		Siberia.
8	13	12					i15	44						
9	13	22	e21	54	i29	07	i21	57	23	56	37	50		iScS 31 ^m 46 ^s . SS 32 ^m 41 ^s . Alaska.
10	Mar. 5	20	e24	34			35	55	i37	31				Depth about 150 km. Riukiu Islands.
11	9	20									40			
12	10	22	i16	21			19	39	20	41	50			29 ^m 23 ^s . SS 35 ^m .3. Depth about 200 km. New Hebrides.
13	17	5									11			
14	23	22					01	17						



I V I G T U T

No.	Date	Hour	Forerunners								L	Δ	Remarks	
			P or P'		S									
			m	s	m	s	m	s	m	s	h	m	°	
15	1951 Apr. 2	0										48		
16	8	21	i47	44	e55	34								Depth about 100 km Near south coast of Turkey.
17	14	0	i57	43	i68	02	i58	32	i67	50				68 ^m 57 ^s . ePS 69 ^m 37 ^s . SS 73.7. Depth about 250 km. Northern Argentina.
18	14	4										49		
19	14	13	e42	50	e50	49	54	59				60	58	Siberia.
20	15	0										32		
21	22	4										31		
22	22	12			e43	44						45.1		Baffin Bay.
23	29	7			e49	05						55		Arctic Ocean.
24	30	16										26		
25	May 1	5					27	28	34	26	1.2			37 ^m 36 ^s . 38 ^m 28 ^s . SS 47.6. South of Tasmania.
26	4	12			i13	38								Depth about 200 km. Japan.
27	6	23										30		
28	10	10										09		
29	21	8	i46	00			47	40	57	33				58 ^m .6. SS 64 ^m .2. No E record. Depth about 150 km. Solomon Islands. New Guinea.
30	29	6					33	39				61		
31	30	20	e15	58			23.0		27.3			59		Molucca Islands.
32	31	21					13	37	i20	07		41		SKKS 20 ^m 42 ^s . Philippine Islands.
33	June 5	17	e10	34	i21	22	21	39	22	50		39		Depth about 100 km. South of Japan.
34	6	16	e15	03	i18	37	i15	08				19.9		P ₂ in the paper- shift. Jan Mayen.
35	7	7					09	23						Possibly surface- waves.
36	7	22										50		
37	7	23					e21	29	e23	15		62		Kermadec Islands region.
38	9	11										58		
39	16	0										12		
40	17	9			i56	15						66		Coast of Oregon.
41	July 2	22										49		
42	8	6					e03	14	e05	16		31		iSKS 09 ^m 21 ^s . SS 18 ^m 19 ^s . Philippine Islands.
43	9	0	i13	33	e21	26						31	57	Near coast of Mexico.
44	11	18			i44	17	46	09	i47	29				Depth about 500 km. Bonin Islands region.

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			P or P'		S									
			m	s	m	s	m	s	m	s	h	m	°	
45	1951 July	20										54		
46	13	7										56		
47	14	11										41		
48	16	9	i16	41	i25	08	17	10	26	35	i32.3	63	63	iSS 29 ^m 01 ^s . Mid-Atlantic Ocean.
49	18	21										11		
50	19	1	i45	05			e55	26				40		Assam.
51	21	10										43		Japan.
52	26	23					27	05				57		
53	Aug. 2	20										51		Deeper than normal.
54	3	0					46.9							Near coast of Nicaragua.
55	3	5										52		
56	6	8										40		
57	10	5										58		
58	10	23			i20	17						35		Depth about 300 km. Off coast of Hokkaido, Japan.
59	13	18	i42	36*	i49	47	44	07	45	09	55.6	50	50	Destructive, Turkey.
60	20	6									18			
61	21	11	i09	27	i19	32	12	45	19	56	37	80	80	iPS 20 ^m 49 ^s . SS 25 ^m . SSS 28 ^m .4. Near west coast of Hawaii.
62	Sept. 1	9										42		
63	24	13										48		
64	27	19										46		
65	29	0										41		
66	Oct. 5	12										48		
67	8	4										36		
68	16	7										07		
69	18	8					48.6					62		
70	21	21			58	59	51	19	159	24		74		PS 60 ^m 15 ^s . SS 65 ^m 26 ^s . Foreschock of Formosa quake.
71	22	3			54	21	47	23	153	36		72		SS 60 ^m .7. Off east coast of Formosa.
72	22	5										13		
73	22	5			67	39	67	02			1.5			Aftershock of Formosa quake.
74	22	11										57		
75	22	13										39		
76	22	15					47	28	54	18		75		Formosa.
77	23	1					44	02				65		"
78	23	9					19	46	28.5			42		"
79	25	13										14		
80	28	8										25		
81	31	8										06		Strong microseisms.

I V I G T U T

No.	Date	Hour	Forerunners						L	Δ	Remarks.	
			P or P'		S							
			m	s	m	s	m	s	h	m	°	
82	1951 Nov. 6	16	e51	15			i51	23		72.9		No horizontal record from 16 ^h 58 ^m -17 ^h 06 ^m . Kurile Islands.
83	6	19			10	58				26		Aftershock.
84	8	14								12		
85	9	22					30.6		31.6			SS 36 ^m .4. Depth about 100 km. Chile-Bolivia border.
86	15	8								59		No records from 11 ^d 17 ^h -12 ^d 17 ^h .
87	15	11								06		
88	15	20			e01	27				15		Kamchatka.
89	24	19			12	05	13.2					Repetition to no.78.
90	24	19			15	03	16	38	21.5	32		SSS 25 ^m .3. Repetition to no.78.
91	26 Dec.	7								28		
92	4	8					55	58				Possibly L waves.
93	8	4	e33	28			35	18	38	24	79	45 ^m 31 ^s . SS 52 ^m 27 ^s . 53 ^m .6. Deeper than normal. Indian Ocean
94	12	1								64		
95	28	9	i30	09	e38	12	33	24	39	59	58	Mexico.
96	1952 Jan. 12	20								38		
97	13	4					28	36	29	56		Off Formosa.
98	21	4								10		No recording from Jan.24-Nov.12. From Nov.1952 until the finish of recording in March 1953 horizontal records only.
99	Nov. 13	8								34		
100	20	15					55.2			65.5		Off Nicaragua.
101	22	8			e03	08				12		California.
102	29	8			e41	53	i42	02	45.6	.9		Kamchatka.
103	29	23	e55	20	i62	26	57	17	62	58	50	iSS 66 ^m 25 ^s . Alaska.
104	30	19								58		
105	3	10					05	44	11	34		
106	3	10								57		
107	4	4			09.8		10	36		22		Aleutian Islands.
108	6	11					12.0		14	36		19 ^m .8.
109	7	1								20		
110	10	6	i02	29	06	03	03	02	i06	16	20	Jan Mayen region.
111	11	9								32		
112	12	1			03	53				12		

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No.	Date	Hour	Forerunners				L	Δ	Remarks.				
			P or P'		S								
			m	s	m	s	m	s	h	m	°		
113	1952 Dec. 17	23			20	33				34		Deep. Near south coast of Crete. No recording from Dec, 20, 1952-Jan. 9, 1953.	
114	1953 Jan. 11	23								11		Moluccas.	
115	12	17								52			
116	20	17	e _N 48.5				43.7			83			
117	27	3								46			
118	27	4								33			
119	Febr. 6	13								52			
120	7	19								02			
121	12	8			e35	01	36	16	39	31	45		65 42 ^m .7. Iran Atlantic Ocean. i36 ^m 10 ^s . Deeper than normal. N record only. South of Alaska Peninsula. PS 13 ^m 27 ^s . SS 20 ^m 20 ^s . SSS 24 ^m .6. N record only. Santa Cruz Islands region.
122	19	15			e37	05	44.6				49		
123	25	21	e25	17	i32	22	25	46	32	43	41.4		
124	26	12			e03	32			08	33	40		
125	Mar. 5	21			e20	48	e21	14			33	N record only. Kamchatka.	
126	19	8	i36	23	i43	08	i37	01	i38	50		Depth about 200 km. Antilles.	
			May 1956.										Henry Jensen.