

No. 20.

GEODÆTISK INSTITUT

Jan. 1951 - March 1953.

Copenhagen, Denmark.

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	8.9	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	$\Delta$	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 <sup>m</sup> 43 <sup>s</sup> . SS 41 <sup>m</sup> 49 <sup>s</sup> . 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 <sup>m</sup> 46 <sup>s</sup> . SS 32 <sup>m</sup> 41 <sup>s</sup> . 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 <sup>m</sup> 23 <sup>s</sup> . SS 35 <sup>m</sup> .3. Depth about 200 km. New Hebrides.
13	17	5									11			
14	23	22					01	17						