No. 12.

GEODÆTISK INSTITUT

1942.

Copenhagen, Denmark.

Bulletin of the Seismological Station

IVIGTUT

 $\phi = 61^{\circ}12' \text{ N.}$ $\lambda = 48^{\circ}11' \text{ W.}$ h = 20 m.Lithologic foundation: Gneiss.

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

Constants (approximate values):

Component	T	V	V	
N	sec. 8.8	3.5	180	
E	8,8	4	215	
z	5	4	195	

The United States Coast and Geodetic Survey aided in the maintenance of the station during the German occupation of Denmark and published the readings of the records for December 1939 and for 1940, 1942 and 1943. It was found afterwards that the time-corrections for 1942 as given by the station were erroneous. They have now been recomputed from observations, but these were not taken daily, and there is an uncertainty of about 1 sec. in many of the corrections applied to the readings as here published.

No.	No	Date	Doto	77.0			Fore	runn	ers		T	1	
	Date	nour	P or P	S		1				L	Δ	Remarks.	
		1942		m- s	m	S	·m	s	m	s	h m	0	
	1	Jan. 20	6		43	52					55		Mexico.
	2	March 5	19	i59 28+	i 68	39	i 59	32	69	10		74	Near west coast of Hokkaidc.
	3	19	12		14	6					21		Depth about 250 km. Off coast of British Colum-
	4567	20 20	3 5 23	i22 45	30	39	-				40 12 46 66	57	bia. Aleutian Islands.
	ž	20 21	23	33 43	44	31	45	33			66	89	South of Japan. Strong micro-
	8	30	9								21		seisms, readings not quite cer- tain.



IVIGTUT

No.	Date	Hour				For	erunr	iers			-		Domonica
NO.	Dave	nou		or P	1	S					L		Remarks.
	April		n	1 8	r	n s	m	S	m		h m	0	
9 10 11 12	13 20 27	15 8 9				5 19	58 2 25	50 25 27	65		14 26		66 ^m 22 ^s .68 ^m 3. 71 ^m 45 ^s . Phillippine Islands. Atlantic Ocean Japan.
13	May 14	2	24	4	32	9 50	124	6	26	14	20	66	Atlantic Ocean Destructive in
14 15 16 17	15 15 27	2 12 7 1			10		6.	3			56		Ecuador.
	27 28		120	30			21	39	21	48	41 64		28 ^m 0.28 ^m 52 ^s . 31 ^m 40 ^s Celebes.
18 19 20 21	28 29 30 31	3572	1 47	51							30 46 49 55		
22 23 24 25 26 27 28	June 1 10 12 14 15 16 18	12 11 10 4 17 6 9					42.	4	64	42	24 15 .1 13 10 78		Ecuador. West of Carolin
29 30 31 32 33	19 20 21 24 29	19 10 4 11 6	48 11 147 36	48 43 40 8	19	23 57	12 58.50	3 4 21			·	55 51	Islands. Mexico. New Zealand. Chile.
34 35	July 3 8	3 7	8	27	19	6	18 5	55	19	24	31	87	20 ^m 7 ^s .Northern
36	12	5	16	1	24	42	18.4	1	25	4		65	Chile. 25 ^m 9.29 ^m 0.
37	25	6					41.5	5	47	17			Ecuador. 47 ^m 52 ^s .48 ^m 37 ^s .49 ^m 12 ^s .50 ^s 7 . 56 ^m 1 . Samar Islands
38 39	25 29	21 23	i 8	9			9 4	10	17.	5	.827		19 ^m 6. Banda Sea
40	Aug.	12	i 53	40			53 5	5	57	4			53 ^m 20 ^s , small movement.New Zealand.Deeper
41	1	23	i46	36	154	31	46 3	37	46	51		57	than normal. Nonrecords 13,57 -18,19 49,0.50,19 58.8.61.3. Near coast of Guatemala.

1/10.	Date	Hour	P or	P'	S	,					International	From t	the ISC collection scanned by SISMOS
42	Aug.	22	m	S	m 54	s	m	s	m	s	Seismological Centre 62	•	Near coast of Guatemala.
43 44 45	22 23 23	956	i45	45	54	16	±43	7			50 5 71		East of Kam-
46	24	23	i 2	28	12	27	2	32	3.0	0			chatks. Deeper than mormal 3m29 12 39 13 0 ss 17m45 sss 21m0.
47 48 49 50	25 26 27 29	20 12 6 12	i27 20 i22	54 36 27	55500		20	46			36	45	Peru Deeper than mormal. Peru. "Albania.
51	Sept.	9	51	26	58	52					72	53	Mediterranean
52 53 54 55	2 9 24 25	3148									47 56 35 44		Sea.
	42 43 44 45 46 47 48 49 50 51	42 & & & & & & & & & & & & & & & & & & &	42 8 22 43 22 9 44 23 5 45 23 6 46 24 23 47 25 20 48 26 12 49 27 6 50 29 12 Sept. 9	Aug. 22 m 43 22 9 44 23 5 45 23 6 i45 46 24 23 i 2 47 25 20 i27 48 26 12 20 49 27 6 i22 50 29 12 Sept. 9 51	Aug. 22 m s 43 22 9 144 23 5 145 45 46 24 23 i 2 28 47 25 20 127 54 48 26 12 20 36 49 27 6 122 27 50 29 12 Sept. 9 51 26	Aug. 22 m s m 54 43 22 9 144 23 5 145 45 54 46 24 23 i 2 28 12 47 25 20 i27 54 37 20 36 i22 27 29 51 Sept. 9 51 26 58	Aug. 22 m s m s 54 l 43 22 9 145 45 54 l6 46 24 23 i 2 28 l2 27 47 25 20 i27 54 20 36 i22 27 29 6 50 29 12 Sept. 9 51 26 58 52	Aug. 8 22 m s m s m s m s m s m s m s m s m s	Aug. 22 m s m s m s m s m s m s m s m s m s	Aug. 22 m s m s m s m s m s m s m s m s m s	Aug. 8 22 m s m s m s m s m s m s m s m s m s	Aug. R s m s m s m s m s 62 42 8 22 7 54 1 7 50 44 23 5 6 145 45 54 16 148 7 71 46 24 23 1 2 28 12 27 2 32 3.0 47 25 20 12 20 36 12 20 36 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 6 12 27 29 29 6 12 27 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Aug. 8 22 m s m s m s m s m s m s 62 54 1 50 55 71 62 62 62 64 6 62 64 64 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 65 62 62 62 62 62 62 62 62 62 62 62 62 62

On September 25. recording was suspended.