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GEODÆTISK INSTITUT

Proviantgården · Copenhagen · Denmark

Bulletin of the seismological station

KØBENHAVN

$\varphi = 55°41'$ N. $\lambda = 12°26'$ E. $h = 13$ m.

Lithologic foundation: chalk

Instruments

Galitzin-Wilip. *N*, *E* and *Z*. $T_p = T_g = 12^1/_2$ sec, $\mu^2 = 0$, $\frac{Ak}{\pi l} = 255$ sec^{-1} or V_{max} = abt. 1000.
Benioff. *Z'*. $T_p = 1$ sec, $T_g = {}^1/_4$ sec, V_{max} = abt. 30 000.
Wiechert 1000 kg. *N* and *E*. $T = 8^1/_2$ sec, $\nu = 6:1$, $\varrho = 0.3$ mm, $V_0 = 210$.
Wiechert 1300 kg. *Z*. $T = 6$ sec, $\nu = 6:1$, $\varrho = 0.1$ mm, $V_0 = 150$.

Seismological Readings

Phases are indicated by the symbols used in ISS. Times are given in GMT. Positions of epicenters are most often due to USCGS. The periods given are periods of full oscillations. The amplitudes are single amplitudes of the ground in microns. + indicates ground motion towards the north, towards the east, or upwards. – indicates the opposite direction. Unless otherwise stated, the periods and amplitudes are due to readings on the Galitzin instruments.

Microseismic Readings

For every group of figures the first one indicates the character of the microseisms. 1 is group microseisms, 2 is continuous microseisms, 3 is irregular or mixed microseisms. Thereafter the single ground amplitude in microns is given, and at last the period of a full oscillation is stated. All readings are due to the Galitzin instruments.

January

2 *iP·Z′Z* 0h50m55s –
eS·E 1 00 21
iS·N 00 32
i·N 01 14
L·NE 11
Δ = 73°. Aleutian Islands.

2 *iP·Z′Z* 2 29 05 +
ePcP·Z 29 24
eS·E 38 39
iS·N 38 41
iScS·N 39 21
iSS·N 43 38
L·N 53
Δ = 74°. Aleutian Islands.

2 *eP·Z′* 3 24 22
Δ = 74°. Aleutian Islands.

2 *iP·Z′Z* 4 00 14 Z′: +.
iP·Z 00 18 –
Δ = 74°. Aleutian Islands.

2 *iP·Z′* 4 14 48 –
Δ = 74°. Aleutian Islands.

2 *eP·Z′Z* 11 01 01
eS·NE 10 38
eScS·N 11 16
SS·N 15.6
L·NE 30
Δ = 74°. Aleutian Islands.

3 *iP·ZNE* 12 58 31 5s. N: + 5 μ, E: 4 μ, Z: − 10 μ.
ipP·ZNE 13 00 27 Z: 5s. − 5 μ.
iPP·ZNE 01 02 5s. N: 6 μ, E: 5 μ, Z: − 5 μ.
ipPP·ZNE 02 48
iS·NE 06 43 7s. N: + 30 μ, E: − 30 μ.
iScS·NE 07 29 8s. N: + 10 μ, E: 15 μ.
isS·E 10 15
iSS·N 11 12
i(SSS)·E 14 54
Δ = 68°. h = 600 km. Southern Manshuria.

9 *L·NE* 8.6

13 *L·N* 12 01.7

16 *iPKP·Z′* 20 55 50
Δ = 145°. Tonga Islands.

17 *iP·Z′* 22 38 24 –
Δ = 80°. h = 350 km. Japan.

January

19 *iPKP·Z′* 5h35m06s –
Δ = 144°. h = 600 km. Fiji Islands.

23 *iP·Z′* 17 31 26 +
Δ = 20°. Greece.

25 *eP·Z′* 3 48 18 very weak.
eS·NE 57 39
L·NE 4 14
Δ = 72°. Aleutian Islands.

26 *eL·NE* 16 44

February

3 *iP·Z′* 17 35 49 –
eSS·E 49.8
L·NE 18 01
Δ = 68°. Kamchatka.

5 *iP·Z′* 5 00 30 –
Δ = 52°. Mid Atlantic Ocean.

6 *iP·Z′* 20 44 11 –
L·NE 21 03.7
M1·N 05 13s. 20 μ.
M2·NEZ 08 N:11s,15μ, E:12s,20μ, Z:14s,20μ.
Δ = 53°. Lake Baikal region, U.S.S.R.

9 *L·NE* 17.3

10 *eP·Z′* 5 55 24
eS·E 6 01 20
L·NE 06
Δ = 39°. Azores region.

10 *eP·Z′* 22 45 40
ePP·Z 49 35
eSKS·NE 56 14
eS·N 56 54
ePS·EZ 58 07
L·NE 23 19
Δ = 94°. Philippine Islands.

11 *ePP·Z* 1 31 42
eSKS·E 38 46
iSKKS·E 38 55
L·NE 2 04
Δ = 94°. Philippine Islands.

11 *L·NE* 15 26

11 *iP·Z′* 15 45 04 –
eS·Z′ 46 33
Δ = 8½°. Mid England.

February				
12	*L·NE*	9h32m		
13	*L·NE*	1 20		
14	*L·NE*	23 52		
17	*L·NE*	16 31		
18	*iP·Z′Z*	14 58 40		
	i·Z′	58 46		
	iS·E	15 06 05		
	L·N	12		
	Δ = 52°. Mid Atlantic Ocean.			
19	*iP·Z′ZNE*	7 48 37	*Z*: –	
	i·ZN	49 40		
	iS·ZNE	52 20		
	L·NE	54.2		
	M·NE	58	30s. *N*: 30 *μ*, *E*: 45 *μ*.	
	Δ = 20°. South of Greece.			
19	*L·NE*	20 32		
20	*iP·Z′ZN*	4 45 31		
	iS·NE	49 15		
	L·E	50.8		
	Δ = 20°. Tunesia.			
20	*iP·Z′*	13 10 41	–	
	Δ = 68°. *h* = 60 km. Kamchatka.			
20	*eP·Z′*	22 11 02		
	e·Z′Z	11 16		
	eSKS·NE	21 32		
	L·NE	43		
	Δ = 86°. Sumatra.			
21	*eS·N*	1 28 00		
	L·NE	40		
	Δ = 62°. Mid Atlantic Ocean.			
21	*iP·Z′Z*	14 41 21	–	
	i·Z′Z	41 50		
	eS·N	50 35		
	L·NE	15 05		
	Δ = 71°. Aleutian Islands.			
22	*eP·Z′*	8 02 56		
22	*L·NE*	17 52		
23	*L·NE*	5 34		
February				
23	*eP·Z′Z*	20h38m23s		
	iPcP·Z′Z	38 27		
	iPP·ZE	41 35		
	iS·NE	48 27		
	iPS·N	48 56		
	L·N	21 04		
	M·NE	11	16s. *N*: 100 *μ*, *E*: 50 *μ*.	
	Δ = 80°. Formosa.			
27	*L·ZN*	15 52		
March				
2	*(i)P·Z′*	0 39 21	In the time-break.	
	iS·NE	49 02		
	eSS·N	53 54		
	L·NE	1 01		
	Δ = 75°. Jamaica.			
2	*iP·Z′*	7 19 58	+	
	Δ = 42°. Southern Iran.			
2	*L·NE*	9 12		
3	*L·NE*	4 08		
5	*iP·Z′Z*	12 32 35		
	iS·NE	39 00		
	L·NE	45.5		
	Δ = 43°. North Atlantic Ocean.			
8	*iP·Z′ZNE*	12 18 26	*Z*: 10s, + 20 *μ*.	
	iS·ZNE	21 46		
	*L·*Wiechert	23.5		
	Δ = 18°. Greece.			
8	*iP·Z′Z*	12 25 25	*Z*: 10s, 40 *μ*.	
	M	32	10s. *N*: 90 *μ*, *E*: 130 *μ*, *Z*: 90 *μ*.	
	Δ = 18°. Greece.			
8	*eS·Z*	20 45 38		
	eL·E	48.2		
	Δ = 18°. Greece.			
8	*iP·Z′ZNE*	23 39 20		
	iS·ZNE	42 38		
	L·NE	44.5		
	M	45	20s. *N*: 10 *μ*, *E*: 35 *μ*.	
	Δ = 18°. Greece.			

March

9 *eP·Z′ZN* 14h34m02s
iS·N 43 38
iS·E 43 48
i·N 44 18
i·E 44 30
i·N 44 42
i·N 48 52
L·NE 58.5
M·NE 15 03 22s. *N*: 575 μ, *E*: 650 μ.
Wiechert readings.
Δ = 73°. Aleutian Islands.

9 *iP·Z′* 15 21 41
i·Z′ 22 06
Aleutian Islands.

9 *iP·Z′* 15 53 28
Aleutian Islands.

9 *iP·Z′* 16 00 06
Aleutian Islands.

9 *iP·Z′* 16 27 58
Aleutian Islands.

9 *iP·Z′* 16 44 09
Aleutian Islands.

9 *iP·Z′* 16 50 46
Aleutian Islands.

9 *eP·Z′* 20 18 34
Aleutian Islands.

9 *eP·Z′* 20 33 34
Aleutian Islands.

9 *iP·Z′ZN* 20 50 45
iPP·Z 53 10
ePPP·N 55 08
iS·N 21 00 15
i·NE 00 22
iScS·E 00 52
i·Z 00 54
i·N 00 58
iSS·E 05 10
L·N 13.2
M·N 16 28s. 70 μ.
M·E 17 27s. 90 μ.
M·N 19 22s. 60 μ.
Aleutian Islands.

March

10 *eP·Z′* 3h06m42s
Δ = 74°. Japan.

10 *iP·Z′Z* 3 17 42
eS·NE 27 14
iPS·N 27 27
SS·N 32.2
L·NE 40
Aleutian Islands.

10 *iP·Z′Z* 3 20 32
e(S)·E 30 10
Aleutian Islands.

10 *i·Z′* 3 38 10

10 *i·Z′* 3 38 50

10 *iP·Z′Z* 11 32 17
eS·N 41 51
e·E 42 02
iSKS·N 42 23
L·NE 55
Aleutian Islands.

10 *iP·Z′Z* 12 47 43
ePPP·N 52.2
eS·N 57 25
eSS·N 13 01.4
L·N 11
Aleutian Islands.

10 *iP·Z′* 12 57 09
Aleutian Islands.

10 *eP·Z′Z* 13 21 46
Aleutian Islands.

10 *eP·Z′* 13 40 04
Aleutian Islands.

10 *iP·Z′Z* 15 37 53
iPcP·Z′ 38 10
eS·N 47 07
i·N 47 25
e·N 47 48
iSS·N 52 27
L·NE 16 01
Aleutian Islands.

March					
11	*iP·Z′Z*	3h24m20s			
	iX·N		25	33	
	ePP·N		27	07	
	iS·NE		33	47	
	iSKS·N		34	30	
	iSS·NE		39	15	
	L·NE		47		
	M·N		50		30s. 50 μ.
	M·E		53		22s. 30 μ.
	M·E		58		20s. 30 μ.
	M·N	4	00		18s. 40 μ.
	Aleutian Islands.				
11	*eP·ZN*	9	35	22	
	eS·EZ		38	45	
	L·NE		42		
	Δ = 18°. Greece.				
11	*iP·Z′ZN*	10	10	10	
	iPPP·N		14	35	
	i·N		15	52	
	iS·NE		19	28	
	iPS·NE		19	43	
	M·N		34		26s. 50 μ.
	M·N		38		22s. 60 μ.
	M·N		42		18s. 75 μ.
	Aleutian Islands.				
11	*iP·Z′ZN*	15	06	51	
	iPP·ZN		09	35	
	iPPP·N		11	18	
	iS·NE		16	18	
	iSS·E		21	00	
	M·N		33		30s. 90 μ.
	M·N		38		20s. 50 μ.
	M·N		44		16s. 50 μ.
11	*iP·Z′*	15	47	27	+
	Aleutian Islands.				
12	*iP·Z′*	0	29	30	
	Aleutian Islands.				
12	*iP·Z′*	1	14	05	
	Aleutian Islands.				
12	*iP·Z′*	1	16	02	+
	Aleutian Islands.				
12	*eP·Z′*	1	57	59	
	Aleutian Islands.				
12	*iP·Z′*	2	34	25	
	Aleutian Islands.				

March					
12	*iP·Z′*	5h23m35s			–
	Aleutian Islands.				
12	*eP·Z′*	6	14	24	
	Aleutian Islands.				
12	*iP·Z′Z*	7	40	20	+
	eS·NE		49	50	
	i·N		50	16	
	i·N		50	30	
	iSS·N		54	50	
	L·NE	8	04		
	M·N		06		26s. 25 μ.
	Aleutian Islands.				
12	*iP·Z′*	7	50	50	
	iS·E	8	00	19	
	Aleutian Islands.				
12	*iP·Z′*	8	14	47	
	Aleutian Islands.				
12	*eP·Z′*	10	50	03	
	Aleutian Islands.				
12	*iP·Z′ZN*	11	56	32	*Z*: +.
	i·Z′Z		56	55	
	iS·NE	12	05	57	
	L·NE		20		
	M·E		22		30s. 100 μ.
	Aleutian Islands.				
12	*eP·Z′*	12	57	38	
	i·Z′		57	41	
	Aleutian Islands.				
12	*ePKP·Z′*	16	51	28	
	Δ = 135°. New Hebrides.				
12	*iP·Z′*	17	11	55	
	Aleutian Islands.				
12	*iPKP·Z′*	17	40	14	–
	Δ = 145°. *h* = 700 km. Fiji Islands.				
12	*e·Z′*	20	02	50	
	e·Z′		04	26	
	e·Z′		04	30	
12	*eP·Z′*	20	11	52	
	Aleutian Islands.				
12	*eP·Z′*	20	18.9		
	Aleutian Islands.				

March					
12	$e \cdot Z'$	$20^h51.1$			
12	$e \cdot Z'$	21	18	49	
12	$iP \cdot Z'$	21	30	50	
	Aleutian Islands.				
12	$e \cdot Z'$	23	31.9		
12	$eP \cdot Z'$	23	56	58	
	Aleutian Islands.				
13	$iP \cdot Z'$	2	59	53	+
	$iS \cdot N$	3	09	21	
	$i \cdot N$		10	15	
	$SS \cdot N$		14.5		
	$L \cdot NE$		24		
	Aleutian Islands.				
13	$eP \cdot Z'$	3	18	48	
	Aleutian Islands.				
13	$iP \cdot Z'$	3	44	30	
	Aleutian Islands.				
13	$eP \cdot Z'$	9	21	04	
	$L \cdot NE$		46		
	Aleutian Islands.				
13	$e \cdot Z'$	9	32	44	
13	$iP \cdot Z'Z$	15	53	39	−
	$iPP \cdot Z$		56	27	
	$iPPP \cdot ZN$		58	15	
	$iS \cdot NE$	16	03	04	
	$iPS \cdot NE$		03	20	
	$e \cdot N$		04	00	
	$L \cdot NE$		17		
	Aleutian Islands.				
13	$eP \cdot Z'$	17	55	18	
	$i \cdot Z'$		55	24	
	$L \cdot NE$	18	18		
	Aleutian Islands.				
13	$iP \cdot Z'Z$	20	10	44	+
	$eS \cdot NE$		20	16	
	$e \cdot N$		20	42	
	$i \cdot NE$		21	00	
	$L \cdot NE$		34.5		
	Aleutian Islands.				
14	$eP \cdot Z'$	2	03	47	
	$L \cdot E$		27		
	Aleutian Islands.				

March					
14	$(i)P \cdot Z'$	$2^h58^m19^s$			in the time-break.
	$i \cdot Z'$		58	31	
	Aleutian Islands.				
14	$iP \cdot Z'ZN$	14	59	19	Z: +.
	$i \cdot N$	15	00	16	
	$iS \cdot N$		08	41	
	$iPS \cdot E$		09	07	Wiechert reading.
	$iSKS \cdot E$		09	17	Wiechert reading.
	$iScS \cdot NE$		09	26	
	$L \cdot E$		19		Wiechert reading.
	$M \cdot N$		25		35^s. 100 μ. Wiechert.
	Aleutian Islands.				
15	$iP \cdot Z'N$	3	03	38	
	$eS \cdot NE$		13	02	
	$L \cdot NE$		27		
	Aleutian Islands.				
16	$eP \cdot Z$	0	50	29	
	$eS \cdot NE$		56	17	
	$L \cdot NE$		59.4		
	$\Delta = 35°$. Northern Iran.				
16	$iP \cdot Z'$	2	45	43	−
	$iP \cdot Z$		45	46	+
	$iPcP \cdot Z'$		46	02	
	$ePP \cdot N$		48	30	
	$ePPP \cdot N$		50	18	
	$eS \cdot NE$		55	04	
	$iPS \cdot E$		55	29	
	$i \cdot NE$		55	56	
	$M \cdot N$	3	15		26^s. 90 μ.
	$M \cdot N$		24		20^s. 165 μ.
	Aleutian Islands.				
17	$L \cdot NE$	0	40		
17	$iP \cdot Z'$	8	05	25	−
	$e \cdot N$		15	27	
	$i \cdot N$		15	35	
	$L \cdot NE$		39		
	Aleutian Islands.				
17	$L \cdot NE$	15	54		
17	$iP \cdot Z'Z$	22	56	05	
	$iPcP \cdot Z'Z$		56	14	
	$iPP \cdot ZN$		58	50	
	$eS \cdot N$	23	05	21	
	$ePS \cdot NE$		05	39	
	$eSKS \cdot N$		06	01	
	$L \cdot Z$		19		40^s. 20 μ.
	$L \cdot N$		20		35^s. 20 μ.
	$M \cdot N$		30		20^s. 15 μ.
	Aleutian Islands.				

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March				
18	*L·NE*	3h03m		
18	*L·NE*	5 56		
18	*ePP·ZN*	21 34.2		
	eSKKS·E	41.8		
	ePS·NE	44 42		
	L·NE	22 13		
	Δ = 121°. New Britain.			
18	*eP·Z'Z*	23 21 25		
	iS·NE	24 34		
	L·NE	26.4		
	Δ = 17°. Black Sea.			
19	*eP·Z'*	3 51 06		
	Δ = 73°. Aleutian Islands.			
19	*eP·Z*	11 40 22		
	eS·E	49 53		
	L·NE	12 06		
	Δ = 73°. Aleutian Islands.			
19	*eP·Z'Z*	13 02 30		
	(i)S·NE	12 00		in the time-break.
	eSS·NE	16 30		
	L·NE	25		
	M·ZNE	29		30s. *Z*: 60 μ, *N*: 60 μ, *E*: 40 μ.
	Δ = 73°. Aleutian Islands.			
20	*L·NE*	0 51		
20	*L·NE*	1 07		
21	*L·NE*	17 33		
22	*iP·Z'Z*	14 32 27		
	iPcP·Z	32 50		
	ePP·N	35 00		
	iS·NE	41 40		
	iPS·E	42 00		
	iSKS·N	42 30		
	M·ZNE	56		30s. *Z*: 60 μ, *N*: 80 μ, *E*: 45 μ.
	M·E	15 03		20s. 80 μ.
	M·N	06		20s. 70 μ.
	Δ = 71°. Aleutian Islands.			
22	*iP·Z'*	14 44 32		
	Δ = 71°. Aleutian Islands.			
22	*L·NE*	20 26		
March				
23	*eP·Z'*	5h27m00s		
	ePKP·Z'	30.7		
	iSP·Z	40 48		
	iSS·NE	46 50		
	ePPP2·N	49 10		
	eSSS·N	51.0		
	L·NE	6 05		
	Δ = 110°. *h* = 100 km. Banda Sea.			
24	*L·NE*	8 22		
24	*L·NE*	8 56		
24	*L·NE*	11 48		
25	*L·NE*	22 09		
26	*L·N*	3 37		
26	*L·NE*	3 49		
26	*iP·Z'*	4 57 02		
	i·Z'	57 21		
	Δ = 40°. Southern Iran.			
28	*L·N*	20 47		
28	*eP·Z'*	22 30 11		
	eS·NE	33 32		
	L·NE	35		
	Δ = 18°. Greece.			
29	*eP·Z'*	5 21 51		
	i·Z'	21 52		
	eS·NE	31 05		
	iPS·NE	31 25		
	L·NE	43		
	M·N	45		42s. 100 μ.
	Δ = 71°. Aleutian Islands.			
29	*iP·Z'*	23 01 19		
	L·NE	30		
	Δ = 72°. Aleutian Islands.			
30	*L·E*	9 55		
31	*L·NE*	10 46		
31	*iP·Z'*	17 33 51	–	
	Δ = 67°. Kamchatka.			

April

1	$iP \cdot Z'Z$	11h47m08s	+	
	$ePcP \cdot Z'$	47 20		
	$eS \cdot NE$	56 40		
	$eScS \cdot N$	57 19		
	$SS \cdot N$	12 01.8		
	$L \cdot N$	11		
	$\Delta = 74°$. Aleutian Islands.			
1	$i \cdot Z'$	23 18 01	+	
2	$iP \cdot Z'Z$	0 51 20	+	
	$iPcP \cdot Z'$	51 32		
	$L \cdot NE$	1 17		
	$\Delta = 74°$. Aleutian Islands.			
2	$L \cdot NE$	5 02		
2	$iP \cdot Z'$	8 44 41	+	
	$\Delta = 82°$. $h = 550$ km. Japan.			
2	$iP \cdot Z'Z$	20 28 34		Z': −, Z: +.
	$eS \cdot NE$	38 09		
	$eScS \cdot E$	38 48		
	$L \cdot NE$	52		
	$\Delta = 74°$. Aleutian Islands.			
2	$iP \cdot Z'Z$	21 39 33		Z: +.
	$iPcP \cdot Z'$	39 43		
	$iS \cdot NE$	49 02		
	$L \cdot NE$	22 03		
	$\Delta = 74°$. Aleutian Islands.			
3	$i \cdot Z'$	1 41 49	+	
3	$iP \cdot Z'$	20 34 08	−	
	$\Delta = 25°$. West of Cyprus.			
4	$eP \cdot Z'Z$	0 23 43	+	
	$i \cdot Z'Z$	23 44	−	
	$eS \cdot E$	32 36		
	$eSKS \cdot E$	33 36		
	$L \cdot E$	50		
	$\Delta = 67°$. Alaska Peninsula.			
4	$iP \cdot Z'$	7 03 44	−	
	$L \cdot E$	27.7		
	$\Delta = 72°$. Kurile Islands.			
4	$L \cdot NE$	12 00		
5	$eP \cdot Z'$	3 01 10		
	$eS \cdot E$	10 48		uncertain.
	$eSKS \cdot N$	11.3		
	$eSS \cdot N$	15.6		
	$L \cdot NE$	26		
	$\Delta = 73°$. Aleutian Islands.			
5	$iPKP \cdot Z$	7h50m02s	+	
	$ipPKP \cdot Z$	50 41		
	$\Delta = 150°$. $h = 100$ km. Kermadec Islands region.			
5	$iP \cdot Z'$	15 15 44	−	
	$\Delta = 74°$. Kurile Islands.			
7	$ePP \cdot Z$	10 33 17		
	$eSKS \cdot NE$	39 22		
	$eSP \cdot Z$	42 42		
	$eSS \cdot N$	48.7		
	$L \cdot NE$	11 06		
	$\Delta = 110°$. New Guinea.			
8	$eSKS \cdot NE$	20 41 20		
	$iS \cdot E$	41 30		
	$ePS \cdot E$	42.4		
	$L \cdot NE$	59		
	$\Delta = 86°$. Panama–Costa Rica border.			
9	$iP \cdot Z'Z$	0 36 17	+	
	$ipP \cdot Z$	38 04	−	
	$ePP \cdot Z$	39 39		
	$iS \cdot NE$	45 55		7^s. N: $+15\,\mu$, E: $-15\,\mu$.
	$i(sS) \cdot N$	48 54		
	$eSS \cdot E$	51 52		
	$\Delta = 82°$. $h = 450$ km. Japan.			
9	$eP \cdot Z'$	2 30 25		
	$L \cdot NE$	3 06		
	$\Delta = 92°$. Mariana Islands region.			
9	$iP \cdot Z'$	10 47 07		
	$\Delta = 82°$. $h = 500$ km. Japan.			
9	$eP \cdot Z$	11 13 46		
	$eS \cdot N$	28.3		
	$L \cdot NE$	38		
	$\Delta = 73°$. Aleutian Islands.			
9	$iP \cdot Z'$	20 35 25	−	
	$i \cdot Z'$	35 35	−	
	$L \cdot E$	21 01		
	$\Delta = 73°$. Aleutian Islands.			
10	$iP \cdot Z'$	3 36 44	−	
	$L \cdot NE$	4 03		
	$\Delta = 73°$. Aleutian Islands.			

April				
10	*iP·Z*	5h25m04s	+	
	iPP·ZNE	28 30		
	eSKS·NE	35 30		
	iS·E	35 55		
	ePS·E	36 50		
	iSS·E	41 43		
	SSS·E	45 42		
	L·NE	54		
	$\Delta = 89°$. Mexico.			
10	*iP·Z'ZN*	11 41 02		*Z'Z*: +.
	iS·NE	50 05		*N*: +, *E*: +.
	i·N	51 10		
	SS·E	54.4		
	L·NE	12 03		
	$\Delta = 69°$. Kodiak Island region.			
11	*L·NE*	18 25		
12	*e·NE*	16 15.2		
	L·NE	27		
13	*eP·Z*	3 55 24		
	eS·NE	4 04 43		
	L·NE	19		
	$\Delta = 72°$. British Columbia.			
13	*L·NE*	5 59		
13	*L·NE*	7 20		
13	*ePP·Z*	10 28 47		
	eSKS·NE	35 07		
	eS·N	36 01		
	L·NE	59		
	$\Delta = 99°$. Philippine Islands.			
14	*iP·Z'Z*	7 21 31	–	
	iS·NE	29 15		
	i·E	29 24		
	L·NE	40		
	M·NE	42		20s. *N*: 60 μ, *E*: 20 μ.
	$\Delta = 55°$. Southern Tibet.			
14	*L·NE*	17 05		
14	*ePKP·Z'Z*	19 37 22		
	i·Z'Z	37 30		
	iPP·ZN	40 27		
	iPKS·ZNE	41 05		
	eSKKS·N	47 16		
	ePS·N	50 35		
	L·NE	20 25		35s. *N*: 100 μ, *E*: 65 μ.
	M·N	31		25s. 90 μ.
	M·E	34		25s. 45 μ.
	$\Delta = 140°$. Samoa Islands.			
April				
14	*iP·Z'Z*	21h10m40s	–	
	$\Delta = 74°$. Aleutian Islands.			
15	*iP·Z'Z*	10 50 08	+	
	eS·NE	59 35		
	e·NE	11 00.4		
	L·NE	14		
	$\Delta = 74°$. Aleutian Islands.			
15	*eP·Z'Z*	21 44 37		
	eS·NE	54 02		
	e·NE	54 50		
	L·NE	22.1		
	$\Delta = 73°$. Aleutian Islands.			
16	*iP·Z'Z*	4 16 35	–	
	ipP·Z'Z	18 43	+	
	isP·Z	19 42		
	iPP·Z'Z	20 37	+	
	epPP·ZE	22 31		
	isPP·ZE	23 32		
	i·E	27 17		
	iSP·ZE	28 29		
	ePS·N	29 42		
	isSP·E	32 15		
	iSS·E	33 48		
	$\Delta = 96°$. $h = 600$ km. Java Sea.			
17	*L·NE*	2 29		10s, traces.
17	*iPKP·Z'*	8 27 16	+	
	$\Delta = 144°$. Tonga Islands.			
17	*L·NE*	10 04		
17	*L·NE*	14 07		
17	*iP·Z'*	15 18 45	–	
	$\Delta = 71°$. Aleutian Islands.			
17	*L·NE*	18 56		
19	*iP·Z'Z*	15 56 28	–	
	L·NE	16 20		
	$\Delta = 73°$. Aleutian Islands.			
19	*iP·Z'ZN*	22 30 58		*Z*: –, *N*: +.
	iPcP·N	31 13	–	
	ePP·N	33 40		
	iS·NE	40 22		*N*: +, *E*: +.
	ePS·N	40 47		
	iSKS·N	40 54		
	L·NE	54.5		
	$\Delta = 73°$. Aleutian Islands.			

April
20 *L·NE* 8h14m

20 *e·Z′* 12 34 53

20 *ePKP·Z′* 12 49 34
ePP·Z 51 10
ePS·NE 13 00 48
ePPS·NE 02.2
eSS·N 07 41
eSSS·NE 12.2
L·NE 28
Δ = 119°. New Guinea.

21 *eP·Z′* 21 24 43
i·Z′Z 24 47
i·Z′Z 24 55
ePP·E 27 46
e·NE 34.8
iSKS·NE 34 59
L·NE 51.5
Δ = 82°. Colombia–Venezuela border.

22 *eP·Z′* 0 27 54
Δ = 56°. Tibet.

22 *eP·Z′* 1 51 54
L·NE 2 12
Δ = 56°. Tibet.

23 *e·E* 22 27 11
L·NE 53
Δ = 107°. Northern Chile.

24 *iP·Z′ZNE* 19 15 05 *Z*: 10s, + 20 μ.
iS·NE 19 05 10s. *N*: − 50 μ, *E*: − 60 μ.
L·NE 21.0
M·E 22 25s, 250 μ.
M·N 24 25s, 250 μ.
Δ = 22°. Southern Turkey.

25 *iP·Z′ZNE* 2 30 32 *Z*: 10s, + 40 μ.
iS·NE 34 30 10s. *N*: − 70 μ, *E*: − 80 μ.
M·E 37 30s, 450 μ.
Δ = 22°. Southern Turkey.

25 *iP·Z′* 7 18 40
L·NE 36
Δ = 53°. Outher Mongolia.

25 *eP·Z′Z* 7 26 47
L·NE 53
Δ = 73°. Aleutian Islands.

April
25 *L·NE* 11h14m

25 *eSKS·E* 11 30 40
L·NE 57
Δ = 103°. Molucca Passage.

25 *eP·Z′* 14 18 27
Δ = 64°. Southern Alaska.

25 *eP·Z′* 17 56 46
L·NE 18 21
Δ = 73°. Aleutian Islands.

26 *iP·Z′* 2 19 39
epP·Z′ 20 20
Δ = 430. *h* = 200 km. Hindu Kush.

26 *eP·Z′Z* 6 38 32
iPP·Z′Z 38 46
iS·NE 42 35
L·NE 44.6
Δ = 22°. Southern Turkey.

26 *iP·Z′Z* 15 19 56 +
L·NE 46
Δ = 73°. Kurile Islands.

28 *eP·Z′Z* 1 37 18 +
iPP·Z 41 20 +
eSKS·E 48 00
eSKKS·E 48 10
eS·E 48 50
Δ = 98°. Philippine Islands.

28 *L·NE* 11 42

28 *eiP·Z′Z* 15 00 24
L·E 25
Δ = 73°. Aleutian Islands.

29 *L·NE* 5 13

29 *iP·Z′* 9 33 51 −

29 *eSKS·E* 21 20.5
L·NE 52
Δ = 100°. Java.

May
1 *L·NE* 1 07

1 *eiP·Z′* 23 39 37
L·NE 24 12
Δ = 73°. Aleutian Islands.

May				
2	*eiP·Z′*	2h33m38s		
	$\Delta = 71°$. Aleutian Islands.			
2	*eP·Z′Z*	4 02 34		
	ePP·ZN	03 54		
	iS·N	08 12		
	L·NE	13		
	$\Delta = 35°$. Baffin Bay.			
2	*eSS·NE*	11 18.2		
	eSSS·N	23.0		
	L·NE	48		
	$\Delta = 155°$. South Pacific Ocean.			
2	*iP·Z′*	11 40 42	–	
	$\Delta = 73°$. Aleutian Islands.			
2	*eiP·Z′*	11 50 21		
	$\Delta = 73°$. Aleutian Islands.			
2	*ePKP·Z′*	21 53 32	doubtful.	
	i·Z′	53 49		
	$\Delta = 106°$. $h = 600$ km. Flores Sea.			
3	*L·NE*	15 34		
4	*L·NE*	10 58		
4	*(L)·N*	15 23		
	L·NE	27		
6	*eS·N*	15 18 41		
	L·NE	26		
	$\Delta = 33°$. Northern Iran.			
7	*L·NE*	6 18		
8	*L·NE*	14 47		
	M·E	50	10s. 2 μ.	
	$\Delta = 42°$. Kirghiz S.S.R.			
8	*L·NE*	21 19		
9	*L·NE*	9 07		
11	*e·Z*	18 53 36		
	e·Z′	54 24		
11	*i·Z′*	19 56 43	–	
12	*L·NE*	2 09		
	M·E	10	14s. 3 μ.	
May				
12	*ePP·ZN*	5h08m08s		
	eSKS·N	13.6		
	eSKKS·NE	14 58		
	ePS·E	17.8		
	eSS·N	24 42		
	L·NE	47		
	$\Delta = 120°$. Sandwich group.			
12	*L·NE*	7 20		
12	*L·NE*	8 02		
12	*ePP·Z*	11 46 52		
	ePPP·Z	48 53		
	eSKS·E	53 28		
	e·E	55 38		
	e·E	56 23		
	eSS·N	12 01 23		
	L·N	19		
	$\Delta = 100°$. Java.			
13	*iP·Z′*	2 31 36	+	
	$\Delta = 70°$. $h = 300$ km. Siberia.			
13	*L·NE*	4 43		
13	*L·NE*	6 46		
14	*e·Z′*	2 16 24		
	e·Z′	16 38		
15	*eP·Z′*	1 28 12		
	$\Delta = 45°$. Northern Afghanistan.			
15	*iP·Z′*	2 23 32	–	
	$\Delta = 85°$. Mexico.			
17	*i·Z′*	6 07 03	–	
17	*L·NE*	21 27		
18	*iP·Z′Z*	5 35 39		
	eS·E	45 10		
	eSS·N	49.9		
	L·NE	6 00		
	$\Delta = 74°$. Aleutian Islands.			
19	*L·NE*	3 31		
19	*iP·Z′*	20 57 25		
	$\Delta = 81°$. Ryukyu Islands.			
19	*eSKS·NE*	21 23.6		
	L·NE	42		
	$\Delta = 86°$. Nicaragua.			

May				
20	*eS·E*	2h11m53s		
	ePS·E	12 26		
	L·NE	26		
	$\Delta = 73°$. Aleutian Islands.			
20	*eP·Z'Z*	20 01 36		
	eS·N	05 02		
	L·NE	06.5		
	$\Delta = 17°$. Sicily.			
21	*iP·Z'*	1 25 03		
	ipP·Z'Z	25 27	–	
	iPP·ZNE	28 47		
	ipPP·Z	29 11	–	
	i·Z	29 54		
	iSKS·NE	35 25		
	eS·NE	35 51		
	i·NE	36 14		
	iSP·ZN	37 07		
	i·Z	38 16		
	i·N	42 11		
	L·NE	56		
	$\Delta = 92°$. $h = 100$ km. Mariana Islands.			
21	*eP·Z'Z*	11 48 06		
	eS·N	51 28		
	L·NE	53		
	$\Delta = 17°$. Sicily.			
21	*eP·Z'Z*	13 28 28		
	eS·N	31 52		
	L·NE	33.4		
	M·E	34.5	20s. 10 μ.	
	$\Delta = 18°$. Greece.			
22	*iP·Z'Z*	13 41 24	–	
	iPcP·Z	41 38	–	
	iS·NE	51 06	*N*: +, *E*: –.	
	L·NE	14 05		
	$\Delta = 75°$. Aleutian Islands.			
22	*eP·Z'*	18 37 25		
	eS·E	41 21		
	L·NE	43.2		
	$\Delta = 22°$. Svalbard region.			
24	*iP·Z'Z*	2 50 26	+	
	ePP·Z	53 48		
	iSKS·E	3 00 50		
	iS·E	01 02		
	eScS·E	01 26		
	L·NE	20		
	$\Delta = 87°$. Colombia.			
24	*L·NE*	4 08		
May				
25	*L·NE*	16h28.6		
26	*iP·Z'ZNE*	6 37 58	*Z*: 5s, – 40 μ.	
	iS·ZNE	41 28	10s. *N*: 75 μ, *E*: 90 μ.	
	L·NE (Wiechert)	42 25		
	M·N	46	20s. 1600 μ.	
	Amplitudes read on Wiechert-records.			
	$\Delta = 19°$. Turkey.			
26	*eP·Z'Z*	8 59 11		
	L·NE	9 05		
	$\Delta = 19°$. Turkey.			
26	*eP·Z'*	9 18 09		
	$\Delta = 19°$. Turkey.			
26	*(i)·Z'*	9 20 58	in the time-break.	
26	*iP·Z'Z*	9 41 00	–	
	iS·NE	44 38		
	iL·E	46.9		
	M·NE	48	*N*: 21s, 45 μ, *E*: 18s, 40 μ.	
	$\Delta = 19°$. Turkey.			
26	*L·N*	16 43.5		
27	*L·NE*	6 32		
27	*L·NE*	7 16.5		
27	*eP·Z'Z*	11 05 56		
	eS·NE	09 30		
	L·NE	11.2		
	$\Delta = 19°$. Turkey.			
28	*eP·Z'*	0 14.3		
	eS·E	17.9		
	L·E	20		
	$\Delta = 19°$. Turkey.			
28	*L·NE*	5 46		
28	*eP·Z'*	6 02 16		
	ePcP·Z	02 35		
	eS·E	10 53		
	L·NE	22		
	$\Delta = 65°$. Pakistan-Burma border.			
29	*eP·Z'Z*	10 22 08		
	L·NE	28.5		
	$\Delta = 19°$. Turkey.			
29	*iP·Z'Z*	18 43 45	–	
	iS·NE	47 19		
	$\Delta = 20°$. Southern Greece.			

May

29 *L·NE* 22h58m

30 *iPKP·Z′Z* 0 38 34 –
L·NE 1.6
Δ = 144°. Tonga Islands.

30 *L·E* 14 38

31 *e(PKP)·E* 2 33.9
e(SP)·E 42 24
e(PS)·E 43 22
E-record only.
Δ = 105°. *h* = 600 km. Argentina.

31 *L·E* 3 57

31 *iSKS·NE* 22 21 01
eS·N 21 48
Δ = 87°. Colombia.

31 *iP·Z′Z* 22 28 43
eS·NE 38 12
L·NE 54
Δ = 73°. Aleutian Islands.

June

1 *iP·Z′Z* 5 31 18 +
eS·N 34 54
L·NE 36.7
Δ = 20°. Turkey.

1 *iP·Z′Z* 21 12 42 +
L·NE 19
Δ = 20°. Turkey.

2 *iP·Z′Z* 1 16 23
L·NE 22
Δ = 20°. Turkey.

2 *iP·Z′* 21 32 55
L·E 22 02
Δ = 70°. Kamchatka.

4 *L·NE* 17 08

4 *iP·Z′* 20 31 14
e·N 42 13
e·E 42 41
L·NE 21 08
Central Sumatra.

5 *iP·Z′Z* 7 22 08
eS·NE 26.7
L·NE 29.5
Δ = 27°. North Atlantic Ocean.

June

5 *eP·Z′Z* 14h08m51s
ePP·N 11.4
eS·E 17 58
e(PS)·N 18 13
L·NE 35
Δ = 69°. Kamchatka.

5 *i·Z′* 22 29 09 +
e·Z 30.1
e·N 43.7
L·NE 23 02

6 *L·NE* 20 40

7 *L·NE* 0 26

8 *L·NE* 4 21

8 *L·NE* 7 09

9 *L·NE* 4 31

9 *L·NE* 4 54

10 *eP·Z′Z* 1 14 13
ePP·Z′Z 18 24
iSKS·NE 24 43
iSKKS·NE 25 29
e(PS)·E 28 03
L·E 50
Δ = 105°. Indonesia.

10 *e(PKP)·Z′* 3 30 01
ePP·Z 30 58
eSKS·N 37 13
L·NE 4 02
Δ = 100°. *h* = 150 km. Mariana Islands.

11 *L·NE* 4 44

11 *iP·Z′Z* 5 05 10 +
ePPP·ZE 07 58
eS·N 11 23
esS·N 12 36
eSS·NE 14 48
Δ = 43°. *h* = 200 km. Hindu Kush.

11 *iPKP·Z′Z* 15 09 30 +
i·Z′ 09 44
ePKS·N 13 12
ePP·ZE 13 22
e·E 23 55
e·N 27 21
L·NE 16 02
Δ = 153°. *h* = 100 km. Kermadec Islands.

June				
11	*iP·Z′Z*	19h02m03s	–	
	e·Z′	02 17		
	iSKS·NE	12 27		
	L·NE	30		
	M·N	34	30s. 75 μ.	
12	*iP·Z′Z*	0 05 29	+	
	eS·NE	14 44		
	L·NE	31		
	Δ = 72°. Aleutian Islands.			
12	*iP·Z′Z*	8 40 14	+	
	iPcP·Z	40 25	–	
	eS·NE	49 47		
	*iPS·*E	50 07		
	L·NE	9 05		
	Δ = 74°. Japan.			
13	*iP·Z′Z*	10 52 11	+	
	iPcP·Z	52 32		
	iS·NE	11 01 39		
	iSKS·N	02 22		
	iSS·N	06 47		
	L·NE	14.7		
	M·N	18	30s. 60 μ.	
	Δ = 73°. Aleutian Islands.			
14	*eP·Z*	6 35 49		
	eS·NE	45 15		
	L·NE	7 01		
	Δ = 73°. Aleutian Islands.			
14	*eP·Z′*	11 45 13		
	L·NE	12 00		
	Δ = 45°. Afghanistan.			
15	*ePP·Z*	1 01.9		
	eSKS·N	08.5		
	e·NE	10 42		
	eSS·NE	16.1		
	L·NE	31		
	Δ = 97°. Indian Ocean.			
15	*iP·Z′Z*	18 29 49	–	
	eS·E	39.3		
	L·NE	55		
	Δ = 73°. Aleutian Islands.			
16	*e·Z′*	0 18 30		
	e·Z′	18 44		
June				
18	*eP·Z′Z*	2h23m55s		
	eS·NE	33 29		
	ePS·N	33 57		
	eSS·E	38 47		
	eSSS·E	42.2		
	L·NE	47		
	Δ = 75°. Burma.			
18	*L·NE*	12 02		
18	*iP·Z′Z*	15 00 02	–	
	ePcP·Z′	00 17		
	iPP·Z	02 47		
	ePPP·ZE	04 37		
	iS·NE	09 37		
	ePS·E	10 10		
	L	15.6		
	Δ = 75°. Burma.			
18	*ePKP·Z′Z*	18 15 48	+	
	eSS·E	38 14		
	L·NE	19 02		
	Δ = 145°. Loyalty Islands region.			
19	*ePKP·Z′Z*	1 49 37		
	iPKP2·Z′Z	49 53		
	L·NE	2 45		
	Δ = 148°. Tonga Islands.			
19	*ePKP·Z*	8 21 04		
	L·NE	9 08		
	In the paper-shift.			
	Δ = 140°. Fiji Islands.			
20	*L·NE*	1 57		
21	*iP·Z′Z*	18 49 33		
	L·NE	19 17		
	Δ = 72°. Kurile Islands region.			
21	*L·NE*	22 48		
22	*iP·Z′Z*	6 31 48	+	
	i·Z	32 10	–	
	i·Z	32 28	–	
	iSKS·NE	42 08		
	iS·NE	42 22		
	i·E	42 58		
	L·E	59.5		
	Δ = 86°. Mexico.			
22	*L·NE*	19 51		

June				
23	*eP·Z*	$0^h04^m59^s$		
	ePP·ZNE	09 30		
	ePPP·N	11 33		
	eSKS·E	15 32		
	eSKKS·N	16 30		
	iPS·E	19 00		
	eSS·NE	24 42		
	eSSS·N	29.0		
	L·N	42		
	M·NE	46	30^s. *N*: 200 μ, *E*: 125 μ.	
	$\Delta = 110°$. New Guinea.			
23	*iP·Z'Z*	3 37 39	*Z'*: −, *Z*: +.	
	eS·NE	46 24		
	eScS·N	47 42		
	eSS·N	50.6		
	L·NE	4 02		
	$\Delta = 64°$. Alaska.			
23	*L·NE*	4 56		
24	*L·NE*	4 42		
24	*eP·Z'Z*	10 02 30		
	eSKS·E	12 51		
	eS·NE	13 03		
	L·NE	32		
	$\Delta = 86°$. Mexico.			
24	*L·NE*	11 46		
24	*L·NE*	12 12		
26	*eSKS·NE*	3 10 53		
	eS·NE	11 10		
	eSS·E	17.0		
	L·NE	36		
	$\Delta = 87°$. Indian Ocean.			
27	*eP·Z*	0 18 45	4^s. 25 μ.	
	i·Z	18 49		
	iPP·ZNE	20 52		
	iS·NE	26 15	10^s. *N*: 300 μ, *E*: 300 μ.	
	eSS·N	29 53		
	L·NE	33		
	M·NE	36	10^s. *N*: 900 μ, *E*: 900 μ.	
	Wiechert readings.			
	$\Delta = 53°$. Lake Baikal region.			
27	*L·NE*	7.3		
28	*e(S)·NE*	21 32 10		
	L·NE	34.3		
	$\Delta = 21°$. Algeria.			
June				
29	*iP·Z'Z*	$7^h59^m49^s$	–	
	eS·N	8 09^m19		
	e(SKS)·N	10 07		
	L·NE	23		
	$\Delta = 73°$. Aleutian Islands.			
29	*eP·Z*	22 43 11	Doubtful.	
	ePP·N	45.2		
	eS·N	50.7		
	eSS·NE	54.3		
	L·NE	23 01.8		
	$\Delta = 53°$. Lake Baikal region.			

December 1957. HENRY JENSEN

Microseisms. København

1957	Z				N				E				1957
Jan.	0^h	6^h	12^h	18^h	0^h	6^h	12^h	18^h	0^h	6^h	12^h	18^h	Jan.
1	.. ..	.. ..	.. ..	.. ..	2 0.9 4.8	2 0.6 4.7	2 0.5 4.5	2 0.6 5.3	2 0.8 5.0	2 0.6 4.8	2 0.6 4.7	2 0.6 4.4	1
2	.. ..	.. ..	.. ..	.. ..	2 0.6 5.1	.. ..	.. ..	2 0.6 4.0	2 0.8 4.6	.. ..	.. ..	2 0.9 4.0	2
3	.. ..	.. ..	.. ..	.. ..	2 0.7 3.8	2 0.8 3.8	2 1.0 3.5	2 1.3 3.8	2 1.0 4.0	2 1.2 4.0	2 1.3 3.6	2 2.0 3.4	3
4	.. ..	.. ..	.. ..	.. ..	2 1.1 3.7	2 1.2 4.0	2 0.8 4.3	2 0.7 4.4	2 1.3 4.1	2 1.1 4.5	2 0.7 4.3	2 0.7 4.3	4
5	.. ..	.. ..	.. ..	.. ..	2 1.0 4.2	2 1.2 4.6	2 1.6 5.2	2 1.6 5.1	2 0.7 4.6	2 1.3 4.7	2 1.5 5.1	2 1.5 4.6	5
6	.. ..	.. ..	.. ..	.. ..	2 1.2 5.0	2 1.6 4.6	2 1.9 4.8	2 1.1 4.6	2 1.2 4.5	2 2.1 4.7	2 1.1 4.8	2 1.5 4.7	6
7	.. ..	.. ..	.. ..	.. ..	2 1.2 4.5	2 1.2 4.8	2 1.0 5.5	2 1.4 5.5	2 1.4 4.5	2 1.2 4.7	2 1.4 4.9	2 1.7 5.0	7
8	.. ..	.. ..	.. ..	.. ..	2 1.5 5.3	2 1.9 5.3	2 2.5 4.9	2 3.– 5.8	2 2.0 5.2	2 2.0 5.0	2 3.– 5.2	2 2.5 4.9	8
9	.. ..	.. ..	.. ..	.. ..	2 3.– 5.2	2 3.– 5.0	2 2.6 5.0	2 1.9 4.8	2 2.5 5.5	2 2.5 4.6	2 2.7 5.0	2 2.4 5.2	9
10	.. ..	.. ..	.. ..	1 3.8 5.6	2 2.8 5.4	2 2.4 5.2	.. ..	1 5.– 5.6	2 2.3 5.2	2 2.4 5.0	.. ..	1 3.– 5.7	10
11	1 2.0 6.2	1 2.0 5.9	2 1.4 5.0	2 1.2 5.6	1 3.– 5.3	1 3.– 5.6	2 1.6 6.0	2 1.9 5.5	1 3.– 5.5	1 1.8 5.0	2 1.7 6.0	2 1.9 5.3	11
12	2 1.6 5.3	2 1.0 4.8	2 1.4 5.1	2 1.4 4.7	2 1.5 5.4	2 1.2 5.8	2 1.5 5.3	2 1.5 4.8	2 1.4 5.0	2 2.0 4.4	2 1.6 4.8	2 2.1 4.5	12
13	2 1.2 4.0	2 0.9 4.6	2 1.0 4.8	2 0.9 4.4	2 2.2 4.7	2 1.4 4.5	2 1.2 4.4	2 1.4 5.0	2 1.5 4.7	2 1.2 4.8	.. ..	.. ..	13
14	2 0.8 4.7	2 0.7 4.9	2 0.6 5.0	2 0.9 4.7	2 1.3 4.5	2 1.2 4.5	2 1.4 5.6	2 1.4 5.7	.. ..	.. ..	2 1.4 5.8	2 1.5 6.2	14
15	2 1.2 4.9	2 1.8 5.4	.. ..	2 3.8 6.0	2 1.4 4.9	2 2.2 5.8	.. ..	.. ..	2 1.4 5.0	2 2.4 5.8	.. ..	2 4.– 6.8	15
16	2 2.2 6.2	2 2.0 6.4	2 1.2 5.5	2 1.4 5.8	.. ..	.. ..	.. ..	2 2.5 5.9	2 3.– 5.7	2 1.8 5.5	2 3.– 5.8	2 2.5 5.6	16
17	2 1.4 5.2	2 0.8 5.1	2 0.8 5.4	2 0.6 4.9	2 1.9 5.8	2 1.1 5.5	2 1 4 5.4	2 1.2 5.5	.. ..	.. ..	2 1.2 5.6	2 1.3 5.0	17
18	.. ..	.. ..	2 1.1 5.5	2 2.0 5.7	2 1.0 5.1	2 1.2 4.8	2 2.5 5.8	2 4.– 6.6	2 1.4 4.7	2 1.4 4.8	2 3.– 5.9	2 3.– 6.6	18
19	2 4.2 6.8	2 4.– 7.2	2 3.– 6.1	2 3.– 6.0	2 6.– 7.2	2 6.– 7.5	2 4.– 7.0	2 5.– 7.1	2 4.– 7.3	2 8.– 7.4	2 5.– 7.1	2 4.– 7.0	19
20	2 4.– 6.2	2 4.– 6.3	2 4.– 6.2	2 3.0 5.7	2 5.– 6.4	2 6.– 6.7	2 6.– 6.3	2 6.– 6.2	2 6.– 5.8	2 6.– 6.5	2 6.– 6.3	2 6.– 5.8	20
21	2 3.0 5.8	2 2.6 6.4	2 2.8 5.7	2 3.8 5.9	2 7.– 5.4	2 5.– 5.4	2 3.9 5.7	2 6.– 5.9	2 5.– 5.4	2 4.– 5.5	2 6.– 5.3	2 4.– 5.7	21
22	2 3.9 5.6	2 3.0 6.2	2 2.9 5.8	2 2.1 5.3	2 5.– 6.1	2 4.– 6.2	2 4.– 5.6	2 3.2 5.9	2 6.– 5.8	2 6.– 5.5	2 6.– 5.3	2 4.0 5.5	22
23	2 2.3 5.8	2 1.9 5.2	.. ..	.. ..	2 4.2 5.5	2 3.2 5.8	2 2.4 5.1	2 2.4 5.2	2 3.4 5.8	2 4.2 5.4	2 2.7 5.4	2 2.5 6.0	23
24	.. ..	.. ..	2 1.5 5.2	2 1.5 5.2	2 2.1 5.0	2 2.5 5.4	2 2.4 5.5	2 1.8 5.6	2 2.8 4.8	2 2.2 5.0	2 2.8 5.8	2 2.2 5.9	24
25	2 1.6 6.0	2 2.0 6.6	2 2.0 5.3	2 0.9 5.8	2 2.0 6.0	2 0.9 5.0	2 1.4 5.3	2 1.4 5.7	2 1.8 5.4	2 1.4 5.5	2 1.3 4.9	2 1.1 4.9	25
26	2 0.9 5.0	2 1.0 5.0	2 1.4 5.1	2 1.6 5.0	2 1.1 4.8	2 1.2 5.1	2 1.8 5.7	2 1.8 5.8	2 2.2 5.0	2 1.5 5.3	2 2.0 5.8	2 2.5 5.4	26
27	2 1.5 5.6	2 1.6 6.0	.. ..	2 1.4 6.5	2 2.0 5.3	2 2.2 5.8	2 3.4 5.5	2 3.2 5.8	2 2.5 5.4	2 3.– 5.3	2 3.– 5.4	2 3.– 5.5	27
28	2 1.9 6.3	2 2.0 5.8	2 2.4 6.3	2 1.6 5.6	2 3.2 5.3	2 3.4 5.4	2 2.2 5.5	2 2.1 5.7	2 3.– 5.8	2 4.– 5.9	2 2.6 5.4	2 2.8 5.7	28
29	2 1.6 6.0	2 2.2 5.7	2 1.6 5.4	2 2.0 5.7	2 3.– 5.6	2 2.8 5.8	2 3.0 6.3	2 3.4 5.8	2 2.4 5.8	2 2.8 5.3	2 1.9 6.0	2 2.8 5.5	29
30	2 2.2 5.8	2 2.5 5.4	2 1.8 5.8	2 1.6 6.1	2 3.8 6.4	2 3.0 6.0	2 3.0 6.0	2 2.2 5.6	2 2.5 5.6	2 3.0 5.5	2 3.0 5.1	2 1.9 5.8	30
31	2 1.5 5.9	2 1.4 5.4	2 2.0 5.9	2 2.0 5.5	2 2.0 5.9	2 2.0 5.6	2 2.2 5.9	2 2.2 6.2	2 2.0 5.3	2 2.0 5.6	2 2.0 5.4	2 2.6 6.1	31

Microseisms. København

1957 Febr.	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1957 Febr.
1	2 1.9 5.6	2 1.8 5.5	2 1.8 5.3	2 1.1 5.2	2 3.5 6.2	2 3.2 5.9	2 1.8 5.4	2 2.0 5.5	2 2.8 5.6	2 2.8 5.6	2 2.4 5.8	2 1.9 5.5	1
2	2 1.8 5.4	2 1.2 5.5	2 1.2 5.1	2 1.0 5.6	2 2.1 5.5	2 1.8 5.2	2 1.9 4.9	2 1.6 4.7	2 1.8 5.2	2 2.0 5.0	2 1.9 4.8	2 1.4 5.1	2
3	.. ..	.. ..	2 1.2 5.7	2 1.2 5.3	2 2.2 6.0	2 1.9 5.1	2 1.8 5.5	.. ..	2 2.0 4.7	2 1.6 5.2	2 2.0 5.4	.. ..	3
4	2 1.4 5.3	2 1.5 5.5	2 1.7 5.1	2 1.6 5.2	.. ..	2 2.3 5.0	2 2.4 5.7	2 2.0 5.2	.. ..	2 2.5 5.6	2 2.4 4.9	2 2.6 5.0	4
5	2 1.8 5.5	2 1.8 5.2	2 1.8 4.9	2 2.2 5.8	2 3.0 5.6	2 2.3 4.8	2 2.0 5.5	2 4.– 5.8	2 2.5 5.3	2 2.1 5.0	2 2.6 5.9	2 3.0 5.3	5
6	2 1.6 5.7	2 1.5 5.4	2 0.9 4.8	2 1.0 4.5	2 3.2 5.5	2 1.6 5.1	2 1.4 4.7	2 1.3 4.3	2 2.5 5.5	2 1.9 5.5	2 1.7 4.6	2 1.6 4.8	6
7	2 1.0 4.4	2 1.1 4.5	2 0.8 4.3	2 0.6 4.6	2 1.7 4.2	2 1.8 4.2	2 1.2 4.9	2 0.9 4.8	2 2.0 4.7	2 2.2 4.7	2 1.6 4.8	2 1.5 5.0	7
8	2 0.5 4.7	2 0.6 4.8	2 0.9 4.8	2 1.0 4.6	2 1.1 4.9	2 1.2 5.1	2 1.4 4.7	2 1.5 4.5	2 1.3 4.9	2 1.3 4.6	2 1.5 5.0	2 1.8 5.1	8
9	2 1.0 4.9	2 1.2 5.0	2 1.1 4.9	2 1.2 4.6	2 1.4 5.1	2 1.8 5.0	2 1.4 5.2	2 1.6 5.5	2 2.1 4.6	2 2.0 5.1	2 2.3 4.8	2 1.5 5.0	9
10	2 0.9 4.2	2 1.0 4.7	2 1.0 5.3	2 0.9 5.2	2 1.3 5.1	2 1.0 4.9	2 0.8 5.1	2 0.8 5.5	2 1.5 4.9	2 1.5 5.0	2 2.0 5.3	2 1 2 6.0	10
11	.. ..	2 0.7 4.8	.. ..	.. ..	.. ..	2 1.2 5.6	2 0.9 5.9	2 1.4 6.2	.. ..	2 1.0 5.4	2 1.1 5.5	2 1.4 5.5	11
12	2 0.6 5.1	2 0.8 5.0	2 0.9 4.5	2 0.9 4.4	2 0.9 5.4	2 1.0 4.9	2 0.9 4.4	2 1.4 4.2	2 1.5 5.1	2 1.5 5.0	2 1.5 4.2	2 1.9 3.7	12
13	2 0.7 4.2	2 0.9 4.6	2 1.1 4.3	2 1.2 4.9	2 1.0 3.9	2 1.1 4.6	2 1.2 5.0	2 1.6 5.8	2 1.9 3.9	2 1.4 4.3	2 1.8 5.0	2 1.8 5.2	13
14	2 1.3 4.4	2 1.6 4.1	2 0.8 4.7	2 0.9 4.9	2 1.6 5.5	2 1.8 6.2	2 0.9 4.6	2 0.8 5.0	2 2.1 5.3	2 1.9 5.3	2 1.4 4.9	2 1.0 5.1	14
15	2 0.6 4.6	2 0.6 4.6	2 0.4 5.2	2 0.6 5.3	.. ..	2 0.6 4.6	2 0.6 4.9	2 0.6 4.6	.. ..	2 0.7 4.6	2 0.6 4.3	2 0.6 5.0	15
16	2 0.4 5.2	2 0.4 5.1	2 0.5 4.7	2 0.5 4.5	2 0.5 4.9	2 0.6 5.6	2 0.6 5.4	2 0.6 5.2	2 0.6 5.8	2 0.7 5.2	2 0.7 4.8	2 0.8 5.0	16
17	2 0.4 4.3	2 0.5 4.9	2 0.5 4.5	2 0.4 5.0	2 0.5 5.3	2 0.4 5.1	2 0.4 5.1	2 0.4 5.1	2 0.6 5.3	2 0.6 4.8	2 0.6 5.4	2 0.6 5.0	17
18	2 0.3 5.2	2 0.2 5.2	2 0.3 4.8	2 0.5 4.2	2 0.5 5.0	2 0.5 5.1	2 0.6 5.2	2 0.6 5.0	2 0.6 5.2	2 0.6 5.0	2 0.6 4.6	2 0.6 4.4	18
19	2 0.4 4.6	2 0.4 4.4	.. ..	2 0.4 4.5	2 0.6 5.3	2 0.7 5.1	.. ..	2 0.7 4.6	2 0.7 4.6	2 0.7 4.4	.. ..	2 0.6 4.6	19
20	2 0.5 4.1	2 0.5 4.5	2 0.6 4.7	2 0.5 4.6	2 0.8 5.0	2 0.5 4.5	2 0.6 4.7	2 0.6 4.9	2 0.6 4.3	2 0.6 4.8	2 0.7 4.7	2 0.6 4.4	20
21	2 0.5 5.0	2 0.4 5.0	2 0.5 4.9	2 0.5 4.4	2 0.5 5.0	2 0.6 5.1	2 0.6 5.4	2 0.6 5.1	2 0.6 5.2	2 0.6 4.9	2 0.6 5.1	2 0.6 4.8	21
22	2 0.4 4.9	2 0.4 5.0	2 0.6 5.0	.. ..	2 0.6 5.1	2 0.7 5.3	2 0.6 5.3	.. ..	2 0.7 4.9	2 0.7 5.2	2 0.8 5.0	.. ..	22
23	2 0.8 5.3	2 0.6 5.3	2 0.8 5.7	2 1.0 5.4	2 0.6 5.3	2 0.9 5.7	2 0.9 5.2	2 1.0 5.3	2 0.8 5.2	2 0.9 5.6	2 0.9 4.9	2 1.1 5.2	23
24	2 1.0 5.4	2 1.0 5.1	2 0.8 4.8	2 0.9 4.7	2 1.0 5.0	2 1.0 5.4	2 0.8 5.1	2 1.0 5.3	2 1.2 5.5	2 1.5 5.1	2 1.0 5.2	2 1.0 5.1	24
25	2 0.7 4.7	2 0.6 5.0	2 0.6 4.9	2 0.6 5.0	2 0.9 5.7	2 0.8 5.5	2 0.6 5.0	2 0.7 5.0	2 0.8 5.1	2 0.9 5.2	2 0.7 4.8	2 0.6 5.1	25
26	2 0.9 4.8	2 0.8 4.6	2 1.3 3.9	2 0.7 4.3	2 0.6 4.8	2 0.5 4.9	2 0.9 4.6	2 0.7 4.3	2 0.6 5.2	2 0.8 4.6	2 1.0 4.5	2 1.0 4.2	26
27	2 0.6 4.0	2 0.5 4.6	2 0.5 4.4	2 0.6 4.6	2 0.6 4.2	2 0.6 4.4	2 0.6 4.5	2 0.6 4.3	2 0.8 4.2	2 0.6 4.4	.. ..	.. ..	27
28	2 0.8 4.5	2 0.5 4.6	2 0.5 4.7	2 0.5 4.6	2 0.5 4.6	2 0.5 4.6	2 0.8 4.8	2 0.6 5.1	.. ..	.. ..	2 0.6 5.2	2 0.6 5.1	28

Microseisms. København

1957 March	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1957 March
1	2 1.0 5.2	2 0.9 5.2	2 1.0 5.1	2 1.0 4.4	2 0.9 4.8	2 1.0 5.4	2 1.1 5.5	2 1.0 4.8	2 0.7 4.8	2 0.9 5.1	2 1.0 5.2	2 0.8 5.1	1
2	2 0.9 4.8	2 0.8 4.7	2 1.– 5.–	2 1.– 5.–	2 1.1 4.8	2 1.0 4.7	2 1.0 4.8	2 0.9 4.9	2 1.0 5.0	2 1.1 5.0	2 0.9 4.6	2 0.9 4.6	2
3	2 1.– 5.–	2 1.– 5.–	2 0.9 5.4	2 0.7 5.4	2 0.8 4.7	2 0.9 4.7	2 1.0 5.3	2 1.0 5.6	2 1.0 5.1	2 1.0 4.8	2 1.3 4.9	2 1.2 5.2	3
4	2 0.9 5.5	2 1.5 5.4	2 1.4 5.8	2 1.0 5.6	2 1.2 5.1	2 1.5 5.4	2 1.4 5.8	2 1.4 5.2	2 1.0 5.3	2 1.1 4.9	2 1.1 5.7	2 1.1 5.4	4
5	2 0.8 5.3	2 0.7 5.2	2 0.5 4.5	2 0.6 4.3	2 1.0 5.5	2 0.9 4.8	2 0.6 5.1	2 0.6 4.5	2 1.0 5.1	2 0.6 4.8	2 0.7 4.6	2 0.6 4.4	5
6	2 0.5 4.3	.. ..	2 0.9 4.8	2 1.0 5.0	2 0.6 4.4	2 0.6 4.6	2 0.9 4.5	2 1.6 5.0	2 0.6 4.5	2 0.6 4.7	2 1.4 5.1	2 1.3 4.7	6
7	2 1.2 5.1	2 1.3 5.0	2 0.9 5.0	2 1.4 5.3	2 1.7 4.9	2 2.0 5.2	2 1.7 5.2	2 1.8 5.2	2 1.2 4.9	2 1.7 4.9	2 1.5 5.2	2 1.7 4.8	7
8	2 1.0 5.0	2 1.1 4.8	2 0.8 5.0	2 0.6 4.8	2 1.4 5.3	2 0.9 4.8	2 0.9 4.7	2 0.7 4.8	2 1.6 4.6	2 1.1 4.8	2 0.9 4.9	2 0.7 5.3	8
9	.. ..	2 0.7 4.5	2 1.3 4.8	.. ..	.. ..	2 0.9 5.1	2 1.0 4.9	.. ..	.. ..	2 1.0 5.3	2 1.6 5.0	.. ..	9
10	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	10
11	2 1.3 5.3	.. ..	.. ..	.. ..	2 1.5 4.6	.. ..	.. ..	2 0.9 5.4	2 1.6 5.3	.. ..	.. ..	.. ..	11
12	2 0.9 5.1	2 0.6 5.3	.. ..	2 0.6 4.7	2 1.3 4.9	2 0.9 5.2	.. ..	2 0.7 4.7	2 1.1 4.7	2 0.9 5.1	.. ..	2 0.9 4.8	12
13	2 0.6 5.2	2 0.5 4.8	2 0.5 4.6	2 0.6 4.2	2 0.6 4.9	2 0.9 4.9	2 0.5 4.6	2 0.6 4.2	2 0.7 5.0	2 0.8 4.9	2 0.6 4.8	2 0.6 4.3	13
14	2 0.4 4.5	2 0.3 4.5	2 0.8 4.2	.. ..	2 0.5 4.2	2 0.4 4.5	.. ..	.. ..	2 0.6 4.3	2 0.4 4.5	2 0.7 4.4	.. ..	14
15	.. ..	.. ..	2 0.5 4.1	2 0.3 4.3	2 0.7 4.0	2 0.7 4.1	2 0.5 4.5	2 0.5 4.8	2 0.7 4.2	2 0.6 4.0	2 0.6 4.5	2 0.6 4.8	15
16	2 0.3 4.8	.. ..	2 0.7 4.5	2 1.2 4.5	2 0.5 4.8	.. ..	2 0.6 4.3	2 1.2 4.2	2 0.6 4.7	.. ..	2 0.6 4.0	2 1.4 4.6	16
17	.. ..	.. ..	3 1.0 4.–	2 1.3 4.0	2 0.9 4.8	3 0.7 4.6	3 0.9 4.7	3 0.9 4.0	2 1.2 4.8	3 1.1 4.5	3 1.– 4.–	3 1.0 4.–	17
18	.. ..	1 2.– 3.8	1 1.3 3.7	1 1.0 3.7	.. ..	.. ..	1 1.1 3.6	2 0.8 3.8	.. ..	.. ..	2 1.0 3.6	2 0.8 3.9	18
19	2 0.6 3.4	2 0.3 3.8	.. ..	2 0.7 4.1	2 0.5 4.0	2 0.5 4.0	.. ..	2 0.5 4.3	2 0.7 4.0	2 0.6 3.8	.. ..	2 0.6 3.9	19
20	2 0.5 4.4	2 1.1 3.9	1 2.2 3.8	1 4.– 3.9	2 0.8 4.1	2 0.9 3.9	1 2.0 3.6	1 3.9 3.8	2 0.6 3.8	2 1.2 4.1	1 1.4 3.9	1 3.3 4.0	20
21	1 1.7 3.8	2 1.5 4.1	2 1.0 4.2	2 0.7 4.4	1 1.7 3.7	2 1.3 3.9	2 1.0 4.4	2 0.9 4.4	1 2.5 4.0	2 1.7 4.1	2 1.3 4.3	2 1.2 4.3	21
22	2 1.0 4.6	2 1.0 4.5	2 0.9 4.8	.. ..	2 1.0 4.4	2 1.0 4.7	2 1.0 4.7	.. ..	2 1.0 4.6	2 1.5 4.5	2 1.4 5.1	.. ..	22
23	2 0.6 4.9	.. ..	2 0.5 4.7	2 0.6 4.8	2 0.7 4.9	.. ..	2 0.5 4.7	2 0.7 4.5	2 0.8 5.3	.. ..	2 0.8 4.7	2 1.0 4.6	23
24	2 0.7 4.3	2 0.9 4.4	.. ..	3 1.0 5.–	2 0.8 4.9	2 0.9 4.4	.. ..	3 2.– 5.–	2 1.0 4.8	2 1.0 4.5	.. ..	3 1.7 5.–	24
25	3 1.2 5.–	3 1.0 5.–	2 0.7 4.0	2 0.5 4.4	3 1.2 5.–	3 1.0 5.–	2 0.9 4.6	2 1.0 5.1	3 1.2 5.–	3 1.0 5.3	2 1.1 4.8	2 0.9 5.2	25
26	2 0.6 4.9	2 0.5 5.0	.. ..	.. ..	2 0.9 5.2	2 0.8 4.5	2 0.8 5.0	2 1.0 5.0	2 0.7 5.0	2 1.0 4.8	2 0.9 4.7	2 0.8 5.1	26
27	.. ..	.. ..	.. ..	.. ..	2 0.8 4.8	2 0.7 4.4	2 0.7 4.6	2 0.6 4.1	2 1.0 4.9	2 0.8 5.0	2 0.9 4.6	2 0.8 4.5	27
28	.. ..	.. ..	.. ..	.. ..	2 0.8 4.3	3 0.9 4.–	2 0.8 5.1	2 1.5 4.7	2 0.8 4.6	3 0.8 4.–	2 1.2 4.9	2 1.3 4.8	28
29	.. ..	.. ..	.. ..	.. ..	2 1.0 5.2	.. ..	2 0.5 4.8	2 0.7 4.8	2 0.9 5.0	.. ..	2 0.6 4.4	2 1.0 4.6	29
30	.. ..	.. ..	.. ..	.. ..	1 1.9 5.0	1 1.6 4.9	.. ..	.. ..	1 2.3 4.9	1 2.0 5.2	1 1.0 5.1	2 1.0 5.0	30
31	.. ..	.. ..	2 0.6 4.6	2 0.7 4.2	.. ..	.. ..	2 0.8 4.4	1 1.1 4.8	2 0.8 4.7	2 1.0 5.0	2 0.6 4.4	1 1.0 4.4	31

Microseisms. København

1957	*Z*				*N*				*E*				1957
April	0^h	6^h	12^h	18^h	0^h	6^h	12^h	18^h	0^h	6^h	12^h	18^h	April
1	2 0.8 4.7	2 0.7 5.0	.. ..	2 0.5 4.8	2 0.9 5.1	2 0.7 4.8	.. ..	2 0.6 4.7	2 0.8 4.7	2 0.9 4.6	.. ..	2 0.5 4.6	1
2	2 0.5 4.9	2 0.3 4.7	2 0.2 5.–	2 0.2 5.–	2 0.5 4.8	2 0.4 4.4	2 0.4 4.4	2 0.3 4.5	2 0.6 4.9	2 0.5 4.7	2 0.4 4.7	2 0.4 4.4	2
3	2 0.3 4.7	2 0.3 4.9	3 0.2 5.–	3 0.4 5.–	2 0.3 4.4	2 0.3 4.3	3 0.4 4.6	3 0.5 5.–	2 0.4 4.7	2 0.5 4.6	2 0.4 4.6	2 0.5 4.8	3
4	3 0.5 6.–	3 0.6 6.–	3 0.6 6.–	3 0.6 6.–	3 0.6 6.–	3 0.6 6.–	.. ..	2 0.9 6.1	3 0.6 5.–	3 1.0 6.–	.. ..	2 0.5 5.6	4
5	3 0.6 6.–	3 0.8 6.–	2 0.9 5.9	2 1.0 5.4	2 1.0 5.7	2 1.5 5.6	2 1.1 5.8	2 1.4 5.4	2 0.6 5.2	2 0.8 5.5	2 0.8 5.9	2 1.2 5.5	5
6	2 1.1 5.5	2 1.5 5.1	1 1.1 5.0	1 1.1 5.4	2 1.3 5.1	2 1.4 5.5	1 1.4 5.0	1 1.3 4.8	2 1.4 5.3	2 1.5 5.6	1 1.5 5.2	1 1.2 5.1	6
7	2 0.9 5.0	2 0.6 4.4	2 0.4 4.5	2 0.4 4.2	2 1.0 5.1	2 0.6 4.5	2 0.6 4.1	2 0.6 4.3	2 0.8 5.2	2 0.8 4.6	2 0.5 4.3	2 0.4 4.4	7
8	2 0.4 4.1	2 0.5 4.7	2 0.7 4.8	2 0.6 4.8	2 0.4 4.3	2 0.7 4.8	2 0.6 4.8	2 0.5 4.8	2 0.4 4.5	2 0.6 4.7	2 0.7 4.8	2 0.7 4.9	8
9	2 0.5 4.6	2 0.5 4.8	.. ..	2 0.4 4.4	2 0.6 4.7	2 0.6 4.6	.. ..	2 0.4 4.3	2 0.7 4.8	2 0.7 4.7	.. ..	2 0.7 4.2	9
10	2 0.3 4.3	.. ..	.. ..	2 0.4 5.2	2 0.5 4.1	.. ..	.. ..	2 0.6 4.6	2 0.4 4.1	.. ..	.. ..	2 0.6 5.0	10
11	2 0.6 4.7	2 0.7 4.8	2 0.7 4.4	2 0.5 4.2	2 0.7 4.6	2 0.6 4.3	2 0.4 4.4	2 0.4 4.5	2 0.7 4.8	2 0.8 4.4	2 0.6 3.9	2 0.5 4.3	11
12	2 0.4 4.5	2 0.3 4.5	2 0.3 4.3	2 0.3 4.2	2 0.4 4.2	2 0.3 4.3	2 0.3 4.4	2 0.2 4.–	2 0.4 4.3	2 0.4 4.1	2 0.3 4.2	2 0.3 4.2	12
13	2 0.3 4.8	3 0.2 6.–	2 0.1 6.–	2 0.1 6.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.3 4.4	2 0.2 5.–	2 0.1 5.–	2 0.1 5.–	13
14	2 0.1 6.–	2 0.1 6.–	2 0.1 6.–	2 0.1 6.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	2 0.1 5.–	14
15	.. ..	2 0.1 6.–	2 0.1 5.–	2 0.2 5.0	.. ..	2 0.1 5.–	.. ..	2 0.3 4.7	.. ..	2 0.1 5.–	.. ..	2 0.2 5.0	15
16	2 0.2 5.1	.. ..	2 0.3 5.3	2 0.2 5.1	2 0.3 4.9	.. ..	2 0.4 4.8	2 0.3 4.5	2 0.3 4.8	.. ..	2 0.4 4.7	2 0.3 4.4	16
17	2 0.3 4.8	2 0.3 4.6	2 0.5 4.9	.. ..	2 0.3 4.6	2 0.3 4.8	3 0.4 5.–	3 0.6 5.–	2 0.3 4.5	2 0.4 4.8	2 0.5 4.7	3 0.7 5.–	17
18	.. ..	.. ..	2 0.7 6.5	2 0.7 6.3	3 0.6 5.–	3 0.8 6.–	2 0.8 6.2	2 0.9 6.0	3 0.7 5.4	3 0.7 6.–	2 0.9 6.0	2 0.9 5.8	18
19	2 0.6 5.7	2 0.8 5.8	2 0.9 5.8	2 1.0 6.0	2 0.9 5.6	2 0.9 5.6	2 1.1 5.5	2 1.0 6.0	2 1.0 5.6	2 0.9 5.8	2 1.0 5.9	2 1.0 5.7	19
20	.. ..	2 0.6 5.2	2 0.5 5.0	2 0.5 5.3	.. ..	2 0.5 5.4	2 0.5 5.3	2 0.7 5.6	.. ..	2 0.5 5.4	2 0.6 5.4	2 0.7 5.6	20
21	2 0.4 5.7	2 0.4 5.5	2 0.3 5.1	2 0.4 4.8	2 0.6 5.3	2 0.5 5.5	2 0.5 5.1	2 0.5 5.2	2 0.6 5.1	2 0.5 5.3	2 0.5 5.1	2 0.6 5.3	21
22	.. ..	2 0.5 5.0	2 0.5 5.3	2 0.3 5.4	.. ..	2 0.8 5.2	2 0.6 5.3	2 0.6 5.2	.. ..	2 0.6 5.3	2 0.9 4.8	2 0.7 5.4	22
23	2 0.5 5.5	2 0.3 5.2	2 0.4 5.8	.. ..	2 0.5 5.3	2 0.6 5.8	2 0.7 5.8	2 0.7 5.8	2 0.5 5.3	2 0.4 5.2	2 0.6 6.4	2 0.4 5.5	23
24	.. ..	.. ..	2 0.3 5.6	2 0.2 5.–	2 0.5 5.9	2 0.4 5.6	2 0.5 5.5	2 0.5 4.5	2 0.5 5.9	2 0.5 5.7	2 0.5 4.9	2 0.5 4.6	24
25	2 0.3 5.–	.. ..	2 0.4 4.5	2 0.4 6.–	2 0.5 4.5	2 0.3 4.6	.. ..	2 0.5 5.0	2 0.4 4.9	2 0.4 4.0	2 0.3 4.9	2 0.3 6.–	25
26	2 0.5 6.–	2 0.5 6.–	2 0.3 5.5	2 0.4 5.9	2 0.5 5.5	2 0.4 6.–	2 0.5 5.5	2 0.5 6.–	2 0.4 6.–	2 0.3 6.–	2 0.4 5.1	2 0.2 5.0	26
27	2 0.4 6.–	2 0.4 6.–	2 0.3 4.8	2 0.3 4.9	2 0.6 5.5	2 0.5 5.0	2 0.5 4.4	2 0.5 4.5	2 0.4 5.1	2 0.5 5.6	2 0.4 5.0	2 0.3 5.0	27
28	2 0.2 4.5	2 0.2 3.9	2 0.3 4.3	2 0.2 4.9	2 0.4 4.4	2 0.5 4.2	2 0.5 4.5	2 0.6 4.4	2 0.4 4.7	2 0.4 4.6	2 0.6 4.6	2 0.5 4.8	28
29	2 0.3 4.5	2 0.2 4.6	2 0.3 4.2	2 0.2 4.1	2 0.5 4.0	2 0.5 4.5	2 0.5 4.9	2 0.4 4.9	2 0.4 4.7	2 0.6 5.0	2 0.5 3.9	2 0.5 4.2	29
30	2 0.2 4.3	2 0.2 4.1	.. ..	2 0.3 3.9	2 0.4 3.9	2 0.2 3.9	.. ..	2 0.4 4.1	2 0.4 4.4	2 0.3 5.0	.. ..	2 0.2 3.9	30

Microseisms. København

1957 May	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1957 May
1	2 0.3 3.2	2 0.2 3.2	2 0.3 3.6	2 0.2 3.4	2 0.2 3.8	2 0.2 3.5	2 0.4 3.3	2 0.3 3.4	2 0.3 2.8	2 0.4 2.4	2 0.5 2.9	2 0.3 3.6	1
2	2 0.3 3.3	2 0.2 3.9	.. ..	2 0.6 5.0	2 0.3 3.7	2 0.4 3.9	.. ..	2 0.9 5.0	2 0.4 3.6	2 0.5 4.4	.. ..	.. ..	2
3	2 0.5 4.8	2 0.6 4.8	2 0.5 4.4	3 0.5 4.1	2 1.1 5.6	2 1.0 4.4	2 0.7 4.5	3 0.6 4.1	.. ..	.. ..	2 0.6 4.4	3 0.7 4.0	3
4	3 0.6 3.8	3 0.8 4.0	.. ..	.. ..	3 0.7 4.1	3 0.7 3.3	3 0.8 4.2	3 0.6 3.8	3 0.8 3.5	3 1.0 3.4	3 0.7 3.6	3 0.6 3.8	4
5	.. ..	.. ..	3 0.4 4.0	2 0.4 4.1	3 0.5 4.0	3 0.3 4.7	3 0.5 4.0	2 0.5 4.0	3 0.7 3.8	3 0.7 3.8	3 0.5 4.5	2 0.5 4.5	5
6	2 0.4 3.7	2 0.4 3.6	2 0.3 4.5	2 0.3 4.3	2 0.5 3.7	2 0.6 3.4	2 0.5 4.5	2 0.4 4.2	2 0.6 4.1	2 0.6 3.9	2 0.5 4.6	2 0.6 5.1	6
7	2 0.2 4.8	2 0.2 4.2	2 0.2 4.3	2 0.1 3.6	2 0.3 4.5	2 0.2 4.6	2 0.3 2.9	2 0.2 4.5	2 0.4 4.5	2 0.5 3.8	2 0.3 3.9	2 0.4 3.8	7
8	2 0.2 4.0	2 0.1 3.7	2 0.2 4.–	2 0.2 4.4	2 0.2 4.5	2 0.2 4.4	2 0.4 4.0	2 0.3 3.6	2 0.4 4.1	2 0.4 3.8	2 0.4 3.7	2 0.3 3.9	8
9	2 0.1 4.–	2 0.1 4.2	2 0.1 5.–	2 0.1 4.4	2 0.4 3.9	2 0.3 4.0	2 0.3 4.1	2 0.4 3.8	2 0.4 3.5	2 0.3 3.3	2 0.3 3.5	2 0.3 4.2	9
10	2 0.1 4.0	2 0.2 3.6	2 0.2 4.5	2 0.3 3.8	2 0.5 4.2	2 0.5 3.5	2 0.7 3.6	2 0.8 3.2	2 0.3 4.5	2 0.3 3.4	2 0.4 3.7	2 0.5 4.0	10
11	2 0.3 4.5	2 0.3 4.7	2 0.2 4.2	2 0.3 4.0	2 0.7 3.6	2 0.6 4.5	2 0.5 3.8	2 0.4 3.4	2 0.4 4.4	2 0.5 4.2	2 0.5 4.1	2 0.4 3.6	11
12	2 0.2 4.4	.. ..	.. ..	2 0.1 4.1	2 0.3 3.9	.. ..	.. ..	2 0.2 3.–	2 0.2 4.2	.. ..	.. ..	2 0.2 5.1	12
13	2 0.1 4.5	2 0.1 4.5	2 0.1 4.4	2 0.1 4.6	2 0.2 3.–	2 0.2 3.–	0 0.2 5.0	2 0.3 4.–	2 0.1 4.5	2 0.2 4.6	2 0.3 4.1	2 0.3 3.5	13
14	2 0.1 4.7	2 0.1 4.0	2 0.2 4.5	2 0.2 4.5	2 0.4 4.8	2 0.5 3.7	2 0.4 4.5	2 0.4 4.1	2 0.3 4.0	2 0.4 4.0	2 0.4 4 0	2 0 4 4 0	14
15	2 0.2 4.2	2 0.1 4.0	2 0.2 4.5	2 0.2 4.5	2 0.4 4.0	2 0.4 3.8	2 0.3 4.7	2 0.4 3.9	2 0.4 4.4	2 0.4 4.3	2 0.4 4.4	2 0.4 4.6	15
16	2 0.2 4.0	2 0.2 3.9	2 0.2 4.0	2 0.3 3.2	2 0.5 3.4	2 0.4 3.7	2 0.4 3.7	2 0.5 2.6	2 0.5 3.5	2 0.5 3.7	2 0.6 4.2	2 0.8 2.5	16
17	2 0.3 4.1	2 0.3 4.5	2 0.3 4.3	2 0.3 4.5	2 0.9 2.7	2 0.6 5.1	2 0.6 5.0	2 0.7 4.4	2 0.5 3.4	2 0.6 3.6	2 0.6 5.2	2 0.6 4.8	17
18	2 0.3 4.5	2 0.3 4.5	2 0.3 4.0	2 0.2 4.0	2 0.7 4.3	2 0.5 4.1	2 0.4 3.7	2 0.4 4.1	2 0.6 4.5	2 0.6 3.9	2 0.7 4.0	2 0.5 4.0	18
19	2 0.3 3.6	2 0.4 4.0	2 0.3 4.3	2 0.3 4.5	2 0.5 3.8	2 0.6 3.8	2 0.7 3.7	2 0.7 3.9	2 0.5 4.0	2 0.5 4.2	2 0.5 4.2	2 0.5 4.2	19
20	2 0.2 4.2	2 0.2 4.0	2 0.3 4.0	2 0.4 3.8	2 0.4 4.0	2 0.6 3.9	2 0.5 3.5	2 0.6 3.4	2 0.5 3.9	2 0.4 3 8	2 0.7 3.7	2 0.6 4.0	20
21	2 0.4 3.7	2 0.2 4.0	.. ..	2 0.3 3.3	2 0.6 3.5	2 0.6 3.7	.. ..	2 0.7 3.6	2 0.6 3.6	2 0.5 3.7	.. ..	2 0.5 3.8	21
22	2 0.3 3.6	2 0.2 3.8	2 0.3 4.2	2 0.1 3.7	2 0.8 3.4	2 0.6 3.7	2 0.5 3.5	2 0.5 3.2	2 0.5 4.3	2 0.7 3.3	2 0.4 3.8	2 0.4 3.5	22
23	2 0.1 3.9	2 0.1 3.9	2 0.3 3.8	2 0.3 3.2	2 0.6 4.1	2 0.5 3.4	2 0.5 3.4	2 0.3 3.–	2 0.4 4.0	2 0.5 3.5	2 0.4 3.0	2 0.4 3.6	23
24	2 0.3 3.5	2 0.4 2.8	2 0.1 3.3	2 0.1 3.3	2 0.5 3.5	2 0.6 3.0	2 0.6 3.4	2 0.6 2.9	2 0.4 3.1	2 0.5 3.2	2 0.6 3.1	2 0.6 3.0	24
25	2 0.1 3.9	2 0.1 3.8	2 0.1 4.–	2 0.1 3.9	2 0.5 3.2	2 0.5 3.5	2 0.3 3.9	2 0.4 3.5	2 0.5 3.0	2 0.4 3.5	2 0.4 3.8	2 0.4 3.6	25
26	2 0.1 3.0	2 0.1 4.4	2 0.1 4.5	2 0.1 4.0	2 0.4 2.5	2 0.2 3.5	2 0.3 4.–	2 0.4 4.7	2 0.3 2.5	2 0.3 4.0	2 0.4 4.5	2 0.4 3.9	26
27	2 0.2 5.0	2 0.2 4.8	2 0.1 4.6	2 0.1 4.7	2 0.4 4.5	2 0.5 5.–	2 0.3 4.–	2 0.3 5.–	2 0.3 4.6	2 0.3 4.4	2 0.3 4.5	2 0.3 4.1	27
28	2 0.2 4.4	2 0.2 4.5	2 0.2 4.6	2 0.3 4.4	2 0.3 4.0	2 0.4 4.8	2 0.5 4.5	2 0.5 4.5	2 0.3 4.1	2 0.5 3.9	2 0.5 3.9	2 0.6 3.6	28
29	2 0.2 4.4	2 0.2 4.5	2 0.6 4.7	2 0.5 4.7	2 0.4 4.1	2 0.5 4.7	2 0.6 4.9	2 0.6 4.7	2 0.4 3.3	2 0.4 4.5	2 0.4 4.5	2 0.5 4.5	29
30	2 0.6 4.2	2 0.5 4.8	.. ..	.. ..	2 0.6 4.5	2 0.6 4.3	.. ..	.. ..	2 0.4 4.3	2 0.4 4.5	2 0.5 3.6	2 0.5 3.5	30
31	.. ..	.. ..	2 0.4 3.5	2 0.2 3.5	.. ..	.. ..	2 0.8 3.2	2 0.8 3.2	2 0.6 3.8	2 0.6 3.8	2 0.6 3.5	2 0.6 3.5	31

Microseisms. København

1957 June	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1957 June
1	2 0.3 3.2	2 0.3 3.3	2 0.4 3.5	2 0.4 3.5	2 0.7 3.0	2 0.7 3.1	2 0.8 3.3	2 0.8 3.5	2 0.7 3.0	2 0.7 3.0	2 0.7 3.0	2 0.6 3.6	1
2	2 0.3 3.5	2 0.2 3.5	.. ..	2 0.3 3.7	2 0.7 3.6	2 0.6 3.4	.. ..	.. ..	2 0.6 3.6	2 0.7 3.2	2 0.7 3.2	2 0.4 3.4	2
3	2 0.4 3.7	2 0.8 4.7	2 0.6 4.0	2 0.5 3.6	.. ..	.. ..	2 1.1 3.9	2 0.7 4.2	2 0.5 3.6	2 1.1 4.6	2 0.6 4.3	2 0.6 3.5	3
4	2 0.3 3.4	2 0.2 3.6	2 0.2 3.6	2 0.1 3.6	2 0.6 4.2	2 0.5 3.6	2 0.7 3.8	2 0.6 3.5	2 0.6 3.6	2 0.4 3.9	2 0.5 3.6	2 0.4 4.2	4
5	2 0.1 3.0	2 0.1 3.–	2 0.3 3.3	2 0.3 3.4	2 0.4 3.5	2 0.4 3.5	2 0.3 3.5	2 0.4 3.4	2 0.3 3.4	2 0.4 3.2	2 0.2 3.2	2 0.4 3.3	5
6	2 0.3 3.3	2 0.4 2.9	2 0.3 2.9	2 0.4 2.7	2 0.5 3.4	2 0.8 3.0	2 0.9 2.9	2 0.6 3.7	2 0.4 3.0	2 0.5 3.0	2 0.7 3.1	2 0.7 3.0	6
7	2 0.4 3.1	2 0.3 3.3	2 0.7 2.6	2 0.3 3.0	2 0.7 3.4	2 0.7 3.7	2 0.8 3.3	2 0.8 2.7	2 0.8 2.6	2 0.5 2.9	2 0.8 3.1	2 0.7 3.3	7
8	2 0.3 3.1	2 0.3 3.4	2 0.3 3.5	2 0.2 3.5	2 0.8 3.3	2 0.7 2.9	2 0.6 3.6	2 0.6 3.7	2 0.8 3.1	2 0.6 3.5	2 0.6 3.8	2 0.6 3.7	8
9	2 0.3 3.5	2 0.3 3.5	2 0.3 3.7	2 0.4 3.9	2 0.7 3.2	2 0.7 3.7	2 0.8 4.0	2 0.8 3.4	2 0.6 3.3	2 0.7 3.3	2 0.7 3.3	2 0.6 3.9	9
10	2 0.2 4.1	2 0.3 3.6	2 0.3 3.5	2 0.3 3.5	2 0.6 3.6	2 0.5 4.2	2 0.6 4.1	2 0.5 3.7	2 0.5 3.8	2 0.5 3.9	2 0.4 3.7	2 0.4 3.6	10
11	2 0.2 3.7	2 0.3 4.0	2 0.3 3.7	2 0.2 3.6	2 0.6 3.2	2 0.6 3.7	2 0.7 3.3	2 0.7 3.1	2 0.5 3.2	2 0.4 3.6	2 0.6 3.0	2 0.6 3.0	11
12	2 0.4 2.0	2 0.4 2.2	2 0.4 4.0	2 0.5 3.2	2 0.8 2.4	2 0.7 2.9	2 1.0 3.0	2 0.8 3.1	2 0.6 2.5	2 0.7 2.5	2 0.7 3.2	2 0.6 3.5	12
13	2 0.3 3.2	2 0.5 3.2	.. ..	2 0.8 3.7	2 0.9 2.7	2 0.8 3.1	.. ..	2 0.8 4.1	2 0.7 2.6	2 0.7 3.2	.. ..	2 0.7 3.8	13
14	2 0.4 3.9	2 0.3 4.2	2 0.5 4.5	2 0.5 4.8	2 0.7 3.7	2 0.9 3.9	2 0.6 4.3	2 0.8 4.3	2 0.5 3.8	2 0.7 3.4	2 0.5 4.0	2 0.5 4.0	14
15	2 0.5 4.9	2 0.5 4.5	2 0.4 4.3	2 0.3 4.5	2 0.6 4.2	2 0.6 4.1	2 0.5 4.4	2 0.5 4.0	2 0.6 4.7	2 0.6 4.7	2 0.5 4.2	2 0.5 4.2	15
16	2 0.3 4.6	2 0.3 4.7	2 0.2 4.1	2 0.2 4.3	2 0.6 4.2	2 0.4 4.4	2 0.5 4.3	2 0.4 4.3	2 0.5 4.6	2 0.5 4.6	2 0.4 4.5	2 0.4 4.3	16
17	2 0.1 4.3	2 0.2 3.8	2 0.3 4.4	2 0.4 4.7	2 0.4 4.0	2 0.4 4.0	2 0.5 4.2	2 0.7 4.9	2 0.3 4.1	2 0.3 4.0	2 0.5 4.1	2 0.6 5.0	17
18	2 0.4 5.1	2 0.4 4.5	2 0.5 4.7	2 0.4 4.7	2 0.7 4.5	2 0.6 5.1	2 0.6 4.2	2 0.6 3.8	2 0.7 4.5	2 0.7 4.3	2 0.7 4.6	2 0.5 4.3	18
19	2 0.3 4.5	2 0.3 4.3	2 0.4 3.9	2 0.4 4.0	2 0.6 4.2	2 0.5 4.6	2 0.6 4.1	2 0.6 4.3	2 0.5 4.1	2 0.5 4.1	2 0.5 4.5	2 0.5 4.0	19
20	2 0.3 3.9	2 0.4 4.0	2 0.5 4.2	2 0.3 4.0	2 0.5 4.2	2 0.5 4.5	2 0.7 3.8	2 0.6 4.0	2 0.6 3.9	2 0.5 4.3	2 0.5 3.8	2 0.4 3.5	20
21	2 0.2 4.3	2 0.1 4.0	2 0.1 4.0	2 0.1 3.5	2 0.4 4.5	2 0.3 3.9	2 0.3 3.7	2 0.3 3.7	2 0.3 3.8	2 0.3 3.7	2 0.3 3.7	2 0.3 3.7	21
22	2 0.1 3.7	2 0.2 3.5	2 0.2 3.0	2 0.3 3.5	.. ..	2 0.3 3.7	2 0.3 3.3	2 0.3 3.5	2 0.2 2.7	2 0.1 3.5	2 0.3 3.2	2 0.2 3.6	22
23	2 0.1 3.5	2 0.1 4.0	2 0.1 3.5	2 0.1 2.7	2 0.2 2.5	2 0.3 3.2	2 0.4 3.1	2 0.1 2.3	2 0.1 2.8	2 0.2 2.9	2 0.2 3.5	2 0.2 2.6	23
24	2 0.1 2.9	2 0.1 2.8	2 0.1 3.2	2 0.1 3.5	2 0.2 2.3	2 0.3 2.6	2 0.3 3.8	2 0.2 3.7	2 0.3 2.6	2 0.3 3.0	2 0.2 3.5	2 0.2 3.8	24
25	2 0.1 3.7	2 0.1 3.7	2 0.3 3.3	2 0.1 3.7	2 0.2 3.3	2 0.1 3.4	2 0.2 3.5	2 0.2 3.5	2 0.1 3.3	2 0.2 3.5	2 0.3 2.8	2 0.1 3.4	25
26	2 0.2 3.4	2 0.1 3.5	2 0.1 2.9	2 0.2 2.9	2 0.3 3.0	2 0.2 2.9	2 0.1 2.9	2 0.2 3.4	2 0.2 2.6	2 0.2 2.2	2 0.2 2.5	2 0.2 2.7	26
27	2 0.3 3.2	2 0.3 3.6	2 0.3 2.8	2 0.3 3.3	2 0.3 3.5	2 0.3 3.5	2 0.3 3.5	2 0.4 3.5	2 0.6 3.2	2 0.6 3.2	2 0.4 3.1	2 0.5 3.2	27
28	2 0.3 3.6	2 0.3 3.1	2 0.3 3.0	2 0.3 3.5	2 0.6 3.7	2 0.4 3.4	2 0.6 3.4	2 0.6 3.5	2 0.6 3.5	2 0.6 3.4	2 0.5 3.4	2 0.6 3.3	28
29	2 0.2 4.0	2 0.1 4.1	2 0.1 3.6	2 0.1 3.9	2 0.4 3.5	2 0.5 3.9	2 0.4 3.8	2 0.3 3.9	2 0.4 3.7	2 0.5 3.8	2 0.4 4.4	2 0.3 4.7	29
30	2 0.1 4.6	2 0.1 4.5	2 0.1 4.5	2 0.1 4.3	.. ..	2 0.1 3.6	2 0.2 4.2	2 0.2 4.4	.. ..	2 0.2 3.9	2 0.2 3.5	2 0.2 3.5	30