

GEODÆTISK INSTITUT

Proviantgården · Copenhagen · Denmark

Bulletin of the seismological station

KØBENHAVN

$\varphi = 55^{\circ}41'N$ .  $\lambda = 12^{\circ}26'E$ .  $h = 13$  m.

Lithologic foundation: chalk

Instruments

Galitzin-Wilip. *N*, *E*, and *Z*.  $T_p = T_g = 12\frac{1}{2}$  sec.  $\mu^2 = 0$ ,  $\frac{Ak}{\pi l} = 260$  sec.<sup>-1</sup> or  $V_{\max} = \text{abt. } 1000$ .

Benioff. *Z'*.  $T_p = 1$  sec,  $T_g = \frac{1}{4}$  sec,  $V_{\max} = \text{abt. } 30000$ .

Wiechert 1000 kg. *N* and *E*.  $T = 8\frac{1}{2}$  sec,  $\nu = 6:1$ .  $\varrho = 0.3$  mm,  $V_0 = 210$ .

Wiechert 1300 kg. *Z*.  $T = 6$  sec,  $\nu = 4:1$ ,  $\varrho = 0.3$  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 BCIS or 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.

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July

1	<i>eP·Z'Z</i>	2 <sup>h</sup> 39 <sup>m</sup> 28 <sup>s</sup>	
	<i>epP·Z'Z</i>	41 23	
	<i>iSKS·NE</i>	48 59	
	<i>iS·N</i>	49 13	
	<i>iSP·ZN</i>	50 11	
	<i>isS·NE</i>	52 37	
	<i>eSS·NE</i>	55.1	
	$\Delta = 85^\circ$ . $h = 550$ km. Bonin Islands.		
2	<i>ePKP·Z</i>	11 52 46	
	$\Delta = 143^\circ$ . $h = 650$ km. Fiji Islands.		
3	<i>iPKP·Z</i>	18 14 39	
	<i>ePKS·NE</i>	18 14	
	<i>L·NE</i>	19.0	
	$\Delta = 138^\circ$ . New Hebrides Islands.		
3	<i>iPKP·Z'</i>	18 15 22	
	<i>iPKS·NE</i>	18 59	
	Repetition.		
4	<i>iPKP·Z'Z</i>	5 13 54	
	$\Delta = 148^\circ$ . $h = 100$ km. Tonga Islands.		
4	<i>eP·ZNE</i>	7 44 49	
	<i>L·ZNE</i>	49.6	
	$\Delta = 17^\circ$ . Arctic Ocean.		
6	<i>iP·Z</i>	9 23 22	
	<i>epP·Z</i>	25 35	
	<i>ePP·ZN</i>	27 42	
	<i>iSKS·NE</i>	33 03	
	<i>iSKKS·NE</i>	33 48	
	<i>eS·N</i>	34 16	
	<i>eSP·ZNE</i>	35 54	
	$\Delta = 103^\circ$ . $h = 600$ km. Argentina.		
6	<i>eP·Z</i>	9 36 33	
	<i>epP·Z</i>	38 43	
	<i>ePP·Z'Z</i>	40 51	
	<i>epPP·Z</i>	42 52	
	<i>iSKS·NE</i>	46 15	
	<i>iSKKS·NE</i>	46 57	
	<i>eS·N</i>	47 26	
	<i>e·N</i>	48 32	
	<i>eSP·ZNE</i>	48 58	
	<i>iPS·E</i>	50 26	
	Repetition.		
8	<i>eP·Z</i>	2 08 45	
	<i>eS·NE</i>	12 35	
	<i>L·NE</i>	15.5	
	$\Delta = 21^\circ$ . Off Eastcoast of Greenland.		
8	<i>iP·Z'</i>	4 12 02	
	$\Delta = 73^\circ$ . $h = 100$ km. Kurile Islands.		
8	<i>i·Z'</i>	22 31 27	-

July

9	<i>ipP·Z'Z</i>	16 <sup>h</sup> 19 <sup>m</sup> 39 <sup>s</sup>	
	<i>ePP·ZE</i>	23 12	
	<i>iSKS·NE</i>	29 39	
	<i>eS·NE</i>	30 34	
	<i>L·NE</i>	53	
	$\Delta = 102^\circ$ . $h = 100$ km. Chile-Bolivia border.		
10	<i>iPKP·Z'</i>	2 33 20	-
	$\Delta = 152^\circ$ . Kermadec Islands.		
10	<i>L·NE</i>	13 08	
10	<i>L·ZNE</i>	18 03	
11	<i>ePP·Z</i>	12 20 13	
	<i>eSKS·N</i>	26 50	
	<i>e·NE</i>	28 10	
	<i>ePS·E</i>	30 02	
	<i>eSS·NE</i>	35 38	
	<i>L·NE</i>	52	
	$\Delta = 109^\circ$ . Indian Ocean.		
11	<i>L·NE</i>	19 05	
11	<i>L·NE</i>	20 27	Very irregular waves.
12	<i>eP·Z'</i>	19 29 42	
	<i>e·Z</i>	29 45	
	<i>L·NE</i>	44	
	$\Delta = 41^\circ$ . Kirghiz SSR.		
13	<i>eP·Z'Z</i>	12 40 17	
	<i>eS·E</i>	49 43	
	<i>eSS·E</i>	54.3	
	<i>L·NE</i>	13.1	
	$\Delta = 73^\circ$ . Aleutian Islands.		
16	<i>eP·Z</i>	15 29 06	
	<i>eS·NE</i>	38 40	
	<i>L·E</i>	53	extremely small.
	$\Delta = 74^\circ$ . Aleutian Islands.		
18	<i>iP·Z'ZNE</i>	20 07 31	Z: 8 <sup>s</sup> , - 10 $\mu$ .
	<i>iPcP·ZE</i>	07 36	Z: 9 <sup>s</sup> , + 10 $\mu$ .
	<i>ePP·ZE</i>	11 01	
	<i>iSKS·NE</i>	17 46	8 <sup>s</sup> . N: + 3 $\mu$ , E: + 5 $\mu$ .
	<i>iS·NE</i>	17 58	10 <sup>s</sup> . N: + 20 $\mu$ , E: - 4 $\mu$ .
	<i>L·NE</i>	36	
	$\Delta = 87^\circ$ . $h = 200$ km. Philippine Islands.		
19	<i>L·NE</i>	4 33	
19	<i>eP·Z'Z</i>	15 19 29	Z: +
	<i>epP·Z</i>	20 23	
	<i>i·Z'</i>	20 34	
	<i>iPP·Z'ZNE</i>	23 31	
	<i>ipPP·ZNE</i>	24 17	
	<i>iSKS·NE</i>	29 49	10 <sup>s</sup> . N: 8 $\mu$ , E: 30 $\mu$ .
	<i>iS·NE</i>	30 40	
	$\Delta = 99^\circ$ . $h = 200$ km. Peru.		

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July

20 *eP·Z'* 2<sup>h</sup>53<sup>m</sup>59<sup>s</sup>  
*epP·Z'Z* 55 48  
*epPP·Z'ZE* 59 31  
*iSKS·NE* 3 03 48  
*iS·N* 04 50  
*iSP·ZE* 06 17  
*ePS·E* 07 26  
*eSS·NE* 11.8

$\Delta = 100^\circ$ .  $h = 500$  km. Java Sea.

20 *iPKP·Z'Z* 17 12 20  
 $\Delta = 147^\circ$ .  $h = 600$  km. Fiji Islands.

21 *ePKP·Z* 8 02 35  
*ePP·Z* 05.1  
*ePKS·NE* 06 08  
 $\Delta = 135^\circ$ . New Hebrides Islands.

21 (*eP·Z* 9 29 (02) in the time break.  
*eS·NE* 38 06  
*eScS·E* 39 02  
*e·NE* 39 26  
*L·NE* 52  
 $\Delta = 69^\circ$ . Dominican Republic.

21 (*eP·ZE* 12 42 (02) in the time break.  
*ePP·ZNE* 45.4  
*eSKS·NE* 52 32  
*eS·E* 52 54  
*ePS·N* 53 22  
*eSS·NE* 58.3  
*L·NE* 13 15  
 $\Delta = 88^\circ$ . Mexico.

22 *iP·Z'ZNE* 19 34 10 *Z'Z -*  
*epP·ZN* 36 19  
*isP·ZN* 37 21 *Z +*  
*iS·ZNE* 42 15 *Z +, N +, E -*  
*esS·NE* 45.8  
*eSS·NE* 46 51  
 $\Delta = 67^\circ$ .  $h = 650$  km. Sea of Okhotsk.

22 *ePKP·Z'Z* 23 21 20  
*ePP·ZNE* 22 39  
*eSKS·NE* 28 15  
*e·NE* 28 34  
*eSKSP·NE* 32.3  
*ePS·NE* 32 47  
*L·NE* 24 01  
 $\Delta = 121^\circ$ . New Britain.

23 *ePKP·Z'Z* 15 16 24  
*e·Z'Z* 16 27  
*epPKP·Z* 16 53  
*L·NE* 16 08  
 $\Delta = 148^\circ$ . Deeper than normal. Tonga Islands.

July

24 *eP·Z'Z* 1<sup>h</sup>35<sup>m</sup>07  
*eS·NE* 44 59  
*L·NE* 58  
 $\Delta = 77^\circ$ . California.

25 *L·NE* 20 00

25 *iP·Z'* 21 32 23 -  
 $\Delta = 77^\circ$ .  $h = 100$  km. Japan.

26 *eP·Z'Z* 17 11 12  
*eS·NE* 14 31  
*L·NE* 16.6  
 $\Delta = 18^\circ$ . Turkey.

29 *L·NE* 10 19

31 *iP·Z'Z* 20 00 54  
*ePP·ZE* 02 26  
*eS·NE* 07 10  
*eSS·NE* 10.0  
*L·NE* 13  
 $\Delta = 42^\circ$ . Tadzhik S.S.R.

August

5 *L·NE* 6 07

7 *eP·ZN* 10 54 33  
*eS·NE* 11 03 34  
*L·NE* 16  
 $\Delta = 68^\circ$ . Kodiak Island.

7 *iP·Z'ZNE* 21 56 26  
*eS·E* 22 05 28  
*L·NE* 19  
 $\Delta = 68^\circ$ . Kodiak Island.

8 *eP·Z* 0 58 41  
*eS·NE* 1 07 28  
*eScS·E* 08 30  
*L·NE* 21  
 $\Delta = 67^\circ$ . Kamchatka.

8 *L·NE* 14 07

9 *eS·E* 5 09.2  
*eSS·E* 13.6  
*L·NE* 24  
 $\Delta = 71^\circ$ . Indian Ocean.

9 *L·NE* 21 32

10 *L·NE* 0 49

10 *L·NE* 23 38

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August

11	<i>eP·ZN</i>	18 <sup>h</sup> 19 <sup>m</sup> 19 <sup>s</sup>	
	<i>e·Z</i>	23 01	
	<i>L·NE</i>	24	
	$\Delta = 18^\circ$ .	Jan Mayen.	
11	<i>L·NE</i>	22 53	
11	<i>L·NE</i>	23 37	
12	<i>L·NE</i>	1 18	
12	<i>L·NE</i>	4 43	
12	<i>ePKP·Z</i>	10 18 00	
	<i>ePKS·ZE</i>	21 45	
	<i>eSKS·E</i>	25 21	
	<i>eSS·E</i>	39 25	
	<i>L·NE</i>	11 04	
	$\Delta = 141^\circ$ .	Fiji Islands.	
13	<i>eP·Z'</i>	0 39 05	
	<i>eS·E</i>	43.9	
	<i>L·NE</i>	50	
	$\Delta = 29^\circ$ .	Azerbeidjan SSR.	
15	<i>iP·Z'ZNE</i>	9 09 23	<i>Z: 10<sup>s</sup>, + 10 <math>\mu</math>, E: -</i>
	<i>i·ZNE</i>	09 45	<i>Z: -, N: +</i>
	<i>iPP·ZNE</i>	12 34	
	<i>iS·NE</i>	19 37	Wichert.
	<i>iScS·NE</i>	19 55	„
	<i>L·NE</i>	40	
	<i>M·NE</i>	42	<i>20<sup>s</sup>. N: 300 <math>\mu</math>, E: 200 <math>\mu</math>.</i>
	$\Delta = 81^\circ$ .	Formosa.	
16	<i>ePKP·Z</i>	1 11.1	
	<i>ePP·Z</i>	14.2	
	<i>L·NE</i>	2 01	
	$\Delta = 141^\circ$ .	Loyalty Islands.	
16	<i>L·NE</i>	18 35	
16	<i>iP·ZN</i>	18 46 36	
	<i>eS·ZNE</i>	50 08	
	<i>L·NE</i>	53	
	$\Delta = 20^\circ$ .	Peloponnese.	
17	<i>eP·Z'ZN</i>	1 36 54	
	<i>eS·NE</i>	39 41	
	<i>L·NE</i>	41.1	
	$\Delta = 15^\circ$ .	Albania.	
17	<i>L·NE</i>	4 37	
17	<i>L·NE</i>	5 17	
17	<i>L·NE</i>	8 42	
17	<i>L·NE</i>	9 09	

August

17	<i>ePKP·Z'Z</i>	21 <sup>h</sup> 23 <sup>m</sup> 45 <sup>s</sup>	
	<i>ePP·Z'ZNE</i>	25 18	
	<i>eSKS·E</i>	30 41	
	<i>ePS·NE</i>	35 31	
	<i>L·NE</i>	22 03	
	<i>M·NE</i>	11	<i>20<sup>s</sup>. N: 50 <math>\mu</math>, E: 50 <math>\mu</math>.</i>
	$\Delta = 124^\circ$ .	Solomon Islands.	
18	<i>iP·Z'Z</i>	0 46 05	
	<i>ipP·Z'</i>	46 53	
	<i>eSKS·NE</i>	56 07	
	<i>e·E</i>	57 04	
	<i>isS·NE</i>	57 24	
	<i>L·NE</i>	1 15	
	$\Delta = 82^\circ$ .	<i>h = 200 km.</i> Formosa.	
18	<i>iP·Z</i>	6 48 24	-
	<i>e·Z'NE</i>	48 27	
	<i>iPcP·NE</i>	48 47	
	<i>iPP·ZNE</i>	50 51	
	<i>iS·NE</i>	57 35	
	<i>L·NE</i>	7 11	
	<i>M·NE</i>	17	<i>20<sup>s</sup>. N: 270 <math>\mu</math>, E: 200 <math>\mu</math>.</i>
	$\Delta = 70^\circ$ .	<i>M = 7 1/2.</i> Montana, U.S.A.	
18	<i>iP·Z'Z</i>	15 37 14	<i>Z: -</i>
	<i>ePcP·Z</i>	37 44	
	<i>ePP·ZNE</i>	39 48	
	<i>iS·NE</i>	46 24	
	<i>e·NE</i>	47 02	
	<i>eSS·NE</i>	50 52	
	<i>L·NE</i>	16 00	
	Repetition.		
18	<i>L·NE</i>	22 12	
19	<i>iP·Z'</i>	4 15 13	
	<i>eS·NE</i>	24 22	
	<i>L·NE</i>	37	
	$\Delta = 70^\circ$ .	Montana, U.S.A.	
19	<i>L·NE</i>	7 53	
19	<i>iP·Z'</i>	15 35 02	
	<i>eS·NE</i>	37.5	
	<i>L·NE</i>	39	
	$\Delta = 13^\circ$ .	<i>h = 150 km.</i> Rumania.	
20	<i>L·NE</i>	13 14	
21	<i>L·NE</i>	7 43	
21	<i>ePKP·Z'Z</i>	8 23 04	
	<i>ePP·E</i>	26 52	
	$\Delta = 148^\circ$ .	South of Australia.	

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#### August

21	<i>ePKP·Z'Z</i>	8 <sup>h</sup> 25 <sup>m</sup> 17 <sup>s</sup>	
	<i>ePP·E</i>	28 33	
	Repetition.		
21	<i>ePKP·Z'Z</i>	9 57 39	
	<i>ePP·E</i>	10 01.0	
	<i>L·NE</i>	48	
	Repetition.		
23	<i>iP·Z'Z</i>	22 26 32	(Z Wiechert).
	<i>L·E</i>	34	Wiechert.
	$\Delta = 23^\circ$ . Mediterranean Sea.		
24	<i>ePKP·Z</i>	21 49 59	
	<i>ePP·ZE</i>	52 11	
	<i>i·E</i>	54 05	
	<i>i·E</i>	22 02 44	
	<i>eSS·NE</i>	09.0	
	<i>L·NE</i>	25	
	$\Delta = 129^\circ$ . Solomon Islands.		
26	<i>iP·Z'ZE</i>	8 38 06	
	<i>iPP·ZE</i>	41 18	
	<i>iSKS·E</i>	48 33	
	<i>eS·N</i>	48 41	
	<i>e·N</i>	48 58	
	<i>i·NE</i>	49 42	
	<i>L·NE</i>	9 02	
	$\Delta = 85^\circ$ . Mexico.		
26	<i>eP·Z</i>	10 39.0	
	<i>iS·NE</i>	48 06	
	<i>iScS·NE</i>	48 57	
	<i>eSS·NE</i>	52.4	
	<i>eSSS·NE</i>	55.8	
	<i>L·NE</i>	11 04	
	$\Delta = 70^\circ$ . Queen Charlotte Islands.		
28	<i>L·NE</i>	0 30	
29	<i>L·NE</i>	5 55	
29	<i>iP·Z'ZNE</i>	17 12 20	Z: 9 <sup>s</sup> , + 5 $\mu$ .
	<i>ePcP·Z</i>	13 39	
	<i>ePP·ZNE</i>	14 19	
	<i>iS·NE</i>	19 39	
	<i>eSS·NE</i>	23 19	
	<i>L·NE</i>	28	
	<i>M·NE</i>	33	15 <sup>s</sup> . N: 60 $\mu$ , E: 60 $\mu$ .
	$\Delta = 52^\circ$ . Lake Baikal, U.S.S.R.		
30	<i>iP·Z'</i>	3 29 59	-
	<i>eS·N</i>	34 09	
	<i>L·NE</i>	37	
	$\Delta = 23^\circ$ . Mediterranean Sea.		
30	<i>L·NE</i>	15 04	
30	<i>L·NE</i>	22 43	
31	<i>L·NE</i>	0 01	

#### September

1	<i>L·NE</i>	5 <sup>h</sup> 52 <sup>m</sup>	
1	<i>eP·ZE</i>	7 34 09	
	<i>L·NE</i>	42	
	$\Delta = 27^\circ$ . Mid Atlantic Ridge.		
1	<i>L·NE</i>	11 21	
1	<i>eP·Z'ZNE</i>	11 41 21	5 <sup>s</sup> . Z: - 3 $\mu$ , N: - 4 $\mu$ , E: + 1 $\mu$ .
	<i>eS·NE</i>	44 23	
	<i>L·NE</i>	46	
	<i>M·E</i>	47	15 <sup>s</sup> , 75 $\mu$ .
	$\Delta = 16^\circ$ . Albania.		
3	<i>L·NE</i>	4 10	
3	<i>eP·Z</i>	6 41 42	
	<i>ePKP·Z</i>	45.5	
	<i>eSKS·E</i>	52 25	
	<i>eS·NE</i>	53 38	
	<i>e·E</i>	54 40	
	<i>iPS·ZE</i>	55 12	
	<i>L·NE</i>	7 18	
	$\Delta = 105^\circ$ . Celebes.		
4	<i>L·NE</i>	11 07	
4	<i>eP·Z</i>	18 37 20	
	<i>eS·NE</i>	45 54	
	<i>eScS·NE</i>	47 24	
	<i>eSS·E</i>	50.4	
	<i>L·NE</i>	58	
	$\Delta = 65^\circ$ . Atlantic Ocean.		
5	<i>L·NE</i>	0 29	
5	<i>eSKS·NE</i>	6 32 39	
	<i>eSS·N</i>	41 02	
	<i>L·NE</i>	7 00	
	$\Delta = 104^\circ$ . Moluccas.		
5	<i>L·NE</i>	16 28	
5	<i>L·NE</i>	22 12	
6	<i>e·Z'</i>	11 58 41	
	<i>e·Z'</i>	58 58	
	<i>e·Z'</i>	59 01	
	Explosion?		
8	<i>L·NE</i>	14 06	
8	<i>eP·Z'Z</i>	19 31 06	
	<i>eS·NE</i>	40 35	
	<i>L·NE</i>	56	
	$\Delta = 73^\circ$ . $h = 100$ km. Japan.		
9	<i>eP·Z'</i>	5 52 28	
	$\Delta = 43^\circ$ . $h = 200$ km. Hindu Kush.		

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September

9	<i>L·NE</i>	18h35m	
10	<i>L·NE</i>	6 42	
10	<i>eS·NE</i>	14 09.6	
	<i>L·NE</i>	15	
	$\Delta = 27^\circ$ . Turkey.		
11	<i>L·NE</i>	12 46	
12	<i>ePP·Z</i>	2 14 36	
	<i>eSS·NE</i>	29 33	
	<i>L·NE</i>	46	
	$\Delta = 116^\circ$ . Bismarck Sea.		
12	<i>L·NE</i>	7 59	
12	<i>ePP·Z</i>	11 45.4	
	<i>eSS·NE</i>	12 02.5	
	<i>L·NE</i>	24	
	$\Delta = 126^\circ$ . Solomon Islands.		
12	<i>iP·Z'</i>	21 27 26	+
	<i>epP·Z'</i>	28 31	
	<i>e·ZE</i>	30 31	
	<i>eS·E</i>	34 05	
	<i>esS·E</i>	35 30	
	<i>eScS·ZNE</i>	37 21	
	$\Delta = 43^\circ$ . $h = 200$ km. Hindu Kush.		
13	<i>L·NE</i>	19 39	
13	<i>L·NE</i>	23 33	
14	<i>ePKP·Z'Z</i>	13 35 39	
	<i>i·Z</i>	35 48	
	<i>L·NE</i>	14 24	
	$\Delta = 147^\circ$ . Tonga Islands.		
14	<i>ePKP·Z'Z</i>	14 29 30	
	<i>i·Z'</i>	29 37	+
	<i>e·ZNE</i>	30 12	
	<i>ePKS·Z</i>	33 24	
	<i>iPP·E</i>	33 38	
	<i>eSKKS·E</i>	40 16	
	<i>iSKSP·Z</i>	43 33	
	<i>L·NE</i>	15 24	
	<i>M·NE</i>	40	20 <sup>s</sup> . $N: 60 \mu$ , $E: 100 \mu$ .
	$\Delta = 152^\circ$ . $M = 7 \frac{1}{2}$ . Kermadec Islands.		
14	<i>ePKP·Z'</i>	15 18 39	
	Aftershock.		
14	<i>ePKP1·Z'Z</i>	17 26 06	
	<i>i·Z'</i>	26 12	
	<i>iPKP2·Z</i>	26 22	
	<i>e·E</i>	27 29	
	<i>e·N</i>	43 35	
	<i>L·NE</i>	18 19	
	Aftershock.		

September

14	<i>ePKP1·Z</i>	22h43m46s	
	<i>i·Z'</i>	43 51	
	<i>ePKP2·Z</i>	44 14	
	<i>ePP·ZN</i>	47 33	
	<i>eSKSP·N</i>	57.8	
	<i>e·N</i>	23 02.9	
	<i>eSS·E</i>	07.2	
	<i>L·NE</i>	38	
	Aftershock.		
15	<i>iPKP·Z</i>	6 19 32	+
	<i>e·Z'</i>	19 38	
	<i>ePP·N</i>	23 18	
	<i>L·NE</i>	7 10	
	Aftershock.		
15	<i>iPKP1·Z'</i>	11 24 09	
	<i>iPKP2·Z'</i>	24 18	
	<i>ipPKP·Z'</i>	26 30	
	<i>eSKP·Z'</i>	26 53	
	$\Delta = 145^\circ$ . $h = 600$ km. Fiji Islands.		
16	<i>e(PKP)·Z</i>	16 17 07	
	<i>ePKS·Z</i>	20 33	
	<i>L·NE</i>	17 18	
	Kermadec Aftershock.		
17	<i>ePKP·Z</i>	14 56 09	
	<i>L·NE</i>	16.0	
	Kermadec Aftershock.		
18	<i>L·NE</i>	2 17	
18	<i>ePP·Z</i>	12 21.2	
	<i>ePS·N</i>	30.9	
	<i>L·NE</i>	56	
	$\Delta = 116^\circ$ . Sandwich Group.		
23	<i>L·NE</i>	23 05	
24	<i>L·E</i>	6 02	
25	<i>iP·Z'Z</i>	2 49 10	+
	<i>iS·NE</i>	59 26	
	<i>eScS·N</i>	59 43	
	<i>L·NE</i>	3 16	
	$\Delta = 82^\circ$ . Formosa.		
26	<i>eS·NE</i>	8 42 37	
	<i>iPS·NE</i>	43 09	
	<i>eSS·E</i>	47.6	
	<i>L·NE</i>	55	
	$\Delta = 76^\circ$ . Off Oregon, U.S.A.		
28	<i>L·NE</i>	5 09	
29	<i>ePKP·Z'</i>	15 51 43	
	<i>iSS·E</i>	16 15 13	
	<i>L·NE</i>	46	
	$\Delta = 152^\circ$ . Kermadec Aftershock.		

### København 1959

#### September

30 L·NE 17h10m

30 L·NE 21 32

#### October

1 L·NE 4 50

1 e·Z' 15 07 53

e·Z' 10.2

5 L·N 18 17

5 eP·Z 18 34 53

iPP·Z 36 14

eS·NE 40 31

L·NE 46

$\Delta = 36^\circ$ . Arctic Ocean.

5 eP·Z' 20 37 55

eS·E 41.0

L·NE 43

$\Delta = 16^\circ$ . Albania.

7 eP·Z' 8 34 21

e·Z' 34 26

e·Z'ZN 34 34

eS·NE 37 29

L·NE 38.7

$\Delta = 16^\circ$ . Albania.

8 iP·Z' 2 46 51 -

$\Delta = 73^\circ$ . Aleutian Islands.

8 e(L)·ZNE 11 25.9

8 L·NE 14 44

10 i·Z' 0 15 18 +

e·Z' 17 02

12 iP·Z'Z 3 34 36 Z': -, Z +

eSKS·N 45 04

i(S)·E 45 15

L·NE 4 06

$\Delta = 87^\circ$ . Sumatra.

15 eP·Z 6 29 23 -

i·Z 29 25 +

e·Z 33 10

iPP·ZNE 33 31

iSKS·NE 40 02

e·E 40 43

iS·N 40 59

iPS·ZNE 42 21

e·Z 43 32

eSS·NE 47.9

L·NE 7 03

$\Delta = 100^\circ$ . Celebes.

#### October

15 iP·Z' 7h52m02s +

$\Delta = 74^\circ$ . Kurile Islands.

19 iP·Z' 19 58 26 +

$\Delta = 74^\circ$ . Kurile Islands.

19 ePKP·Z 8 47 10

L·NE 9 42

$\Delta = 152^\circ$ . Kermadec Islands.

19 ePP·ZN 16 15 12

ePS·NE 24 50

eSS·NE 31 11

eSSS·NE 35.2

L·ZNE 50

$\Delta = 115^\circ$ . Sandwich Group.

24 iP·Z' 23 48 08 -

eS·E 54 11

L·NE 24 01

$\Delta = 40^\circ$ . Kirghiz S.S.R.

25 L·NE 16 14

26 iP·Z 7 47 10 +

epP·Z 47 30

iPP·ZN 50 06 Z: +

ipPP·ZNE 50 20

iS·NE 57 05

eSKS·NE 57 25

eSS·NE 8 02 10

eSSS·N 05.2

L·NE 14

M·NE 18 20<sup>s</sup>. N: 40  $\mu$ , E: 25  $\mu$ .

$\Delta = 78^\circ$ . h = 60 km. M = 7. Japan.

27 L·NE 6 56

27 iP·Z'Z 7 04 15

iPPP·ZN 08 45

eS·NE 13 37

esS·NE 14 25

L·NE 27

M·NE 37 20<sup>s</sup>. N: 55  $\mu$ , E: 55  $\mu$ .

$\Delta = 73^\circ$ . h = 100 km. M = 7. Kurile Islands.

29 iP·Z' 10 46 53 -

$\Delta = 73^\circ$ . Kurile Islands.

29 iPKP·Z' 14 39 49 -

ePKS·Z' 43 19

L·NE 15 35

$\Delta = 153^\circ$ . h = 60 km. Kermadec Islands.

29 iP·Z' 14 40 37

epP·Z' 42 30

$\Delta = 68^\circ$ . h = 550 km. China-Korea border.

### København 1959

#### October

30 *L·NE* 1<sup>h</sup>34<sup>m</sup>  
 30 *iP·Z'* 4 09 41 +  
     *i·Z'* 09 44 -  
     *L·NE* 29  
      $\Delta = 53^\circ$ . Yakut ASSR.  
 30 *ePKP·Z'Z* 14 18 14  
     *L·NE* 15.4  
      $\Delta = 148^\circ$ . Tonga Islands.

#### November

2 *L·NE* 9 34  
 2 *L·NE* 21 05  
 5 *L·NE* 12 55  
 6 *L·NE* 2 10  
 6 *L·NE* 7 45.8  
 7 *eP·Z'* 2 36 48  
     *eS·E* 40.4  
     *L·NE* 42.6  
      $\Delta = 20^\circ$ . Algeria.  
 7 *ePKP·Z'Z* 22 36 04  
      $\Delta = 148^\circ$ . Tonga Islands.  
 8 *eP·Z'Z* 14 06 20  
     *eS·E* 15 42  
     *L·NE* 30  
     *M·NE* 35      20<sup>s</sup>. *N*: 35  $\mu$ , *E*: 35  $\mu$ .  
      $\Delta = 72^\circ$ . *M* = 7. Japan.  
 10 *L·NE* 21 22  
 15 *eP·Z'* 10 33 23  
     *eS·E* 39 58  
     *L·NE* 48.5  
      $\Delta = 44^\circ$ . Turkestan.  
 15 *iP·Z'ZNE* 17 13 05   8<sup>s</sup>. *Z*: + 50  $\mu$ , *N*: + 50  $\mu$ , *E*: - 20  $\mu$ .  
     *iS·NE* 16 35  
     *L·NE* 18.5  
      $\Delta = 19^\circ$ . *M* = 7<sup>1</sup>/<sub>4</sub>. Ionian Sea.  
 16 *eP·Z* 10 31 48  
     *eS·NE* 40.5  
     *L·NE* 51  
      $\Delta = 64^\circ$ . Mid Atlantic Ridge.  
 19 *iP·Z'* 14 04 53  
      $\Delta = 20^\circ$ . Turkey.  
 20 *L·NE* 0 37

#### November

22 *L·NE* 17<sup>h</sup>50<sup>m</sup>  
 22 *iPKP·Z'Z* 19 53 15 -  
      $\Delta = 145^\circ$ . *h* = 550 km. Fiji Islands  
 24 *L·NE* 20 35  
 26 *e(SKKS)·E* 7 30.7  
     *e(S)·N* 31 15  
     *e·N* 31 30  
     *e(PS)·E* 32.3  
     *L·NE* 7.9  
      $\Delta = 95^\circ$ . Sumatra.  
 26 *e(SKKS)·E* 23 33 36  
     *eS·NE* 34 06  
     *L·NE* 56  
      $\Delta = 95^\circ$ . Sumatra.  
 28 *eS·NE* 3 43.1  
     *L·NE* 4 00  
      $\Delta = 83^\circ$ . Ryukyu Islands.  
 28 *eSKS·E* 13 00 20  
     *eSKKS·NE* 01.2  
     *ePS·E* 03 31  
     *L·NE* 27  
      $\Delta = 110^\circ$ . Chile.  
 29 *L·NE* 20.8  
 30 *eP·Z'* 11 21 09  
     *L·NE* 34.4      Very short period.  
      $\Delta = 44^\circ$ . Sinkiang Province, China.

#### December

1 *iP·Z* 12 43 09 -  
     *eS·E* 46 40  
     *L·NE* 48.8  
      $\Delta = 19^\circ$ . Greece.  
 1 *L·NE* 16 13  
 2 *ePP·Z* 9 52 17  
     *iSKS·NE* 58 42  
     *i·E* 58 59  
     *eS·NE* 59 48  
     *L·NE* 10 24  
      $\Delta = 103^\circ$ . Celebes.  
 8 *L·NE* 13 47.3  
 11 *ePKP·Z* 1 58 27  
      $\Delta = 147^\circ$ . Tonga Islands.  
 11 *L·NE* 3 03



### København 1959

December

13 *i·Z'* 18<sup>h</sup>06<sup>m</sup>37<sup>s</sup>

14 *iP·Z'Z* 22 12 21 *Z'*: -  
*eS·NE* 21.8  
*L·NE* 38  
 $\Delta = 73^\circ$ . Aleutian Islands.

14 *iPKP·Z'* 23 40 49  
*i·Z'Z* 40 53  
*iPS·ZNE* 52 00  
*eSS·E* 58 35  
*eSSS·E* 24 03.0  
*L·NE* 12  
*M·NE* 27 20<sup>s</sup>. *N*: 35  $\mu$ , *E*: 25  $\mu$ .  
 $\Delta = 120^\circ$ . *M* = 7<sup>1</sup>/<sub>4</sub>. Sandwich Group.

17 *L·NE* 3 16

18 *iP·Z'* 16 36 18  
 $\Delta = 72^\circ$ . Aleutian Islands.

21 *ePKP·Z'* 10 40 31  
 $\Delta = 153^\circ$ . Kermadec Islands.

21 *eP·Z'Z* 11 28 25  
*ePP·ZNE* 30 32  
*iS·NE* 35 51 *N*: -, *E*: +  
*L·NE* 44  
 $\Delta = 52^\circ$ . Gulf of Aden.

22 *iP·Z'* 17 32 15  
*e(pP)·Z'* 32 29  
*e·Z'* 32 36  
 $\Delta = 78^\circ$ . Deeper than normal. Japan.

25 *iPKP·Z'* 4 08 55 -  
 $\Delta = 152^\circ$ . Kermadec Islands.

December

26 *eP·Z'* 22<sup>h</sup>13<sup>m</sup>41<sup>s</sup>  
*L·NE* 40  
 $\Delta = 68^\circ$ . Kamchatka.

27 *eP·Z'* 4 58 55  
*L·NE* 5 28  
 $\Delta = 69^\circ$ . Kamchatka.

27 *L·NE* 12 35

27 *iP·Z'Z* 16 03 45 *Z*: +  
*iPP·N* 06 14  
*iS·NE* 12 34  
*L·NE* 24  
*M·NE* 36 20<sup>s</sup>. *N*: 70  $\mu$ , *E*: 35  $\mu$ .  
 $\Delta = 66^\circ$ . *M* = 7. Kamchatka.

28 *iP·Z'Z* 7 31 41 *Z'*: +  
*iPcP·Z* 31 56 +  
*eS·NE* 40 45  
*L·NE* 54  
*M·NE* 8 01 20<sup>s</sup>. *N*: 15  $\mu$ , *E*: 15  $\mu$ .  
 $\Delta = 69^\circ$ . *M* = 6<sup>1</sup>/<sub>2</sub>. Kamchatka.

28 *eP·Z'* 13 15 41  
*L·NE* 44  
 $\Delta = 69^\circ$ . Kamchatka.

29 *eP·Z'* 3 04 32  
*e(PcP)·Z'* 04 57  
 $\Delta = 69^\circ$ . Kamchatka.

29 *iPKP1·Z'* 17 34 21  
*iPKP2·Z'* 34 33  
 $\Delta = 146^\circ$ . Tonga Islands.

31 *L·NE* 21 07

March 1961.

HENRY JENSEN

Microseisms. København

1959 July	Z				N				E			
	0h	6h	12h	18h	0h	6h	12h	18h	0h	6h	12h	18h
1	2 0.1 3.7	2 0.1 4.0	2 0.1 3.8	3 0.2 3.3	2 0.1 4.1	2 0.1 4.3	2 0.1 3.7	3 0.2 3.7	2 0.2 4.2	2 0.1 4.5	2 0.1 3.7	3 0.2 3.3
2	3 0.3 3.3	3 0.3 3.2	3 0.3 3.2	3 0.4 3.3	3 0.2 3.5	3 0.3 3.4	3 0.3 3.3	3 0.3 3.3	3 0.4 3.2	3 0.4 3.3	3 0.4 3.2	3 0.5 3.0
3	3 0.5 3.4	3 0.4 3.5	3 0.2 3.3	3 0.2 3.6	3 0.4 3.2	3 0.5 3.4	3 0.3 3.7	3 0.2 3.8	3 0.6 3.5	3 0.5 3.3	3 0.3 3.8	3 0.3 4.0
4	2 0.2 3.8	2 0.2 4.0	2 0.1 4.0	2 0.1 4.0	3 0.2 3.8	3 0.2 4.1	3 0.2 4.3	2 0.1 4.0	3 0.3 3.7	3 0.2 4.1	2 0.2 4.0	2 0.2 4.4
5	2 0.1 4.0	2 0.1 4.3	2 0.1 5.0	2 0.1 4.6	2 0.1 4.0	2 0.1 4.4	2 0.1 5.0	2 0.1 5.0	2 0.1 4.2	2 0.2 4.6	2 0.2 5.0	2 0.2 5.0
6	2 0.1 4.5	2 0.1 4.5	2 0.1 5.0	2 0.1 4.7	2 0.1 5.0	2 0.1 4.5	2 0.1 4.4	2 0.1 4.5	2 0.2 4.7	2 0.2 4.8	2 0.2 4.0	2 0.2 4.3
7	2 0.2 4.0	2 0.2 3.7	2 0.2 3.8	2 0.2 3.7	2 0.1 4.0	2 0.1 3.8	2 0.2 4.2	2 0.2 4.3	2 0.2 3.8	2 0.1 3.7	2 0.2 4.4	2 0.2 4.0
8	2 0.2 3.8	2 0.2 4.0	2 0.1 4.0	2 0.1 3.7	2 0.2 3.7	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.2 3.8	2 0.2 3.9	2 0.1 4.4	2 0.1 4.0
9	2 0.1 3.9	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.3	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 3.8	2 0.1 4.0	2 0.1 4.1	2 0.1 4.0
10	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0
11	2 0.1 3.0	2 0.1 3.6	2 0.2 4.1	2 0.2 4.0	2 0.1 3.0	2 0.1 4.0	2 0.2 4.3	2 0.2 3.8	2 0.1 3.1	2 0.1 4.0	2 0.2 4.0	2 0.3 4.0
12	2 0.3 3.3	2 0.4 4.0	2 0.3 3.8	2 0.3 3.5	2 0.3 3.7	2 0.3 3.5	2 0.3 3.5	2 0.4 3.7	3 0.4 3.3	3 0.4 3.7	3 0.3 4.0	2 0.3 3.8
13	2 0.4 3.8	2 0.5 4.2	2 0.7 3.8	1 0.8 4.4	2 0.5 3.9	2 0.6 4.2	3 0.7 3.8	3 1.1 4.5	2 0.6 4.0	2 0.7 4.1	3 0.8 4.1	1 1.5 4.6
14	1 0.8 4.0	1 0.8 4.3	2 0.7 4.4	2 0.5 3.8	1 1.0 4.3	3 0.9 4.0	3 0.5 4.2	3 0.5 3.9	1 1.0 4.6	1 0.9 4.5	3 0.6 4.0	2 0.5 3.8
15	2 0.5 4.2	2 0.3 4.0	2 0.3 3.9	2 0.2 3.8	2 0.4 3.7	2 0.3 4.2	2 0.3 3.8	2 0.2 4.1	2 0.4 3.9	2 0.4 4.2	2 0.3 3.9	2 0.2 3.6
16	2 0.1 3.8	2 0.1 4.4	2 0.1 3.8	2 0.1 3.9	2 0.1 4.2	2 0.1 4.1	2 0.1 3.8	2 0.1 4.1	2 0.2 4.1	2 0.2 4.4	2 0.2 4.0	2 0.2 3.9
17	2 0.2 4.2	2 0.3 4.4	2 0.5 4.7	2 0.2 4.5	2 0.2 4.3	2 0.5 4.0	2 0.4 4.4	2 0.2 4.0	2 0.3 4.5	2 0.5 4.6	2 0.4 4.3	2 0.3 4.2
18	2 0.1 4.5	2 0.1 4.5	2 0.1 4.6	2 0.1 4.5	2 0.1 4.2	2 0.1 4.5	2 0.1 4.0	2 0.1 4.0	2 0.2 3.9	2 0.1 4.5	2 0.1 4.6	2 0.1 4.0
19	3 0.1 4.0	3 0.1 4.0	3 0.2 3.8	3 0.1 4.0	2 0.1 4.0	2 0.1 4.0	3 0.1 3.5	3 0.1 4.0	2 0.1 4.2	3 0.1 4.0	3 0.2 4.0	3 0.1 4.0
20	3 0.1 4.0	3 0.1 4.0	2 0.1 4.4	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.4	2 0.1 4.2	2 0.1 4.3	2 0.1 4.2	2 0.1 4.7	2 0.1 4.6
21	2 0.1 4.0	2 0.1 4.4	2 0.1 4.6	2 0.1 4.3	2 0.1 4.3	2 0.1 4.1	2 0.1 4.0	2 0.1 4.0	2 0.1 4.4	2 0.1 4.8	2 0.1 4.4	2 0.1 4.5
22	2 0.1 4.7	2 0.1 4.3	2 0.1 4.9	2 0.1 4.4	2 0.1 4.3	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.3	2 0.1 4.4	2 0.1 4.1	2 0.1 4.0
23	.. ..	2 0.1 4.3	2 0.1 4.8	2 0.1 4.7	.. ..	2 0.1 4.2	2 0.1 4.6	2 0.1 4.7	.. ..	2 0.1 4.2	2 0.1 4.5	2 0.1 4.3
24	2 0.1 4.7	2 0.1 5.0	2 0.1 5.4	2 0.1 5.3	2 0.1 4.7	2 0.1 5.0	2 0.1 4.8	2 0.1 5.2	2 0.1 4.6	2 0.1 4.9	2 0.1 5.0	2 0.1 5.4
25	0.1	0.1	2 0.1 5.0	2 0.1 4.7	0.1	0.1	2 0.1 5.0	2 0.1 5.0	0.1	0.1	2 0.1 4.8	2 0.1 4.5
26	2 0.1 5.0	2 0.1 4.8	2 0.1 4.9	2 0.1 4.9	2 0.1 4.8	2 0.1 4.8	2 0.1 5.0	2 0.1 4.0	2 0.1 4.9	2 0.1 5.0	2 0.1 4.6	2 0.1 4.2
27	2 0.1 4.5	2 0.1 4.3	2 0.1 4.4	2 0.1 4.2	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 4.3	2 0.1 4.3	2 0.1 4.3	2 0.1 4.2
28	2 0.1 4.2	2 0.1 4.5	2 0.1 4.6	2 0.1 4.4	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 3.6	2 0.1 4.0	2 0.1 4.1	2 0.1 4.3	2 0.1 4.0
29	2 0.1 3.8	2 0.1 3.5	2 0.2 3.7	2 0.2 3.6	2 0.1 3.3	2 0.2 3.6	2 0.2 3.5	2 0.2 3.6	2 0.1 3.8	2 0.1 3.3	2 0.2 3.7	2 0.2 3.6
30	2 0.2 3.4	2 0.2 4.0	2 0.2 3.5	2 0.2 4.0	2 0.2 3.6	2 0.2 3.7	2 0.2 3.7	2 0.2 3.9	2 0.2 3.8	2 0.2 3.7	2 0.3 3.5	2 0.2 3.8
31	2 0.1 4.2	2 0.1 4.0	2 0.1 3.9	2 0.1 3.6	2 0.2 4.1	2 0.2 4.3	2 0.1 3.7	2 0.1 3.3	2 0.2 4.2	2 0.2 4.1	2 0.2 3.5	2 0.1 3.5

Microseisms. København

1959 Aug.	Z	0h	6h	12h	18h	N	0h	6h	12h	18h	E	0h	6h	12h	18h	1959 Aug.
1	2 0.1 3.9	2 0.1 4.0	2 0.1 4.0	2 0.1 3.6	2 0.1 3.7	2 0.1 3.8	2 0.1 3.8	2 0.1 3.9	2 0.1 3.5	2 0.1 3.6	2 0.1 3.8	2 0.1 3.8	2 0.1 3.5	2 0.1 3.6	2 0.1 3.3	1
2	2 0.1 3.8	2 0.1 4.-	2 0.1 4.-	2 0.1 4.0	2 0.1 4.0	2 0.1 3.8	2 0.1 3.8	2 0.1 3.8	2 0.1 4.0	3 0.1 3.8	2 0.1 3.5	2 0.1 3.5	2 0.1 4.0	2 0.1 3.8	3 0.1 3.5	2
3	3 0.1 4.-	3 0.1 3.-	3 0.1 3.-	3 0.2 3.0	3 0.1 3.5	3 0.1 2.7	3 0.1 2.7	3 0.1 3.8	3 0.2 3.0	3 0.2 4.0	3 0.1 2.7	3 0.1 2.7	3 0.1 2.8	3 0.2 3.0	3 0.2 3.5	3
4	2 0.1 4.6	2 0.1 6.0	2 0.1 6.0	2 0.2 5.0	2 0.5 5.2	2 0.1 5.0	2 0.1 5.0	2 0.2 5.7	2 0.2 5.4	2 0.5 5.1	3 0.2 4.0	3 0.2 4.0	3 0.2 5.0	2 0.3 5.3	2 0.4 4.6	4
5	2 0.3 4.7	2 0.1 4.4	2 0.1 4.4	2 0.1 4.0	2 0.1 3.8	2 0.3 4.8	2 0.3 4.8	2 0.2 4.4	2 0.1 4.3	2 0.1 4.4	2 0.2 4.3	2 0.2 4.3	2 0.2 4.2	2 0.2 4.3	2 0.1 4.3	5
6	2 0.1 3.4	2 0.1 3.5	2 0.1 3.5	2 0.1 3.2	2 0.1 4.0	2 0.1 3.6	2 0.1 3.6	2 0.1 3.3	2 0.1 3.1	2 0.1 3.-	2 0.1 3.5	2 0.1 3.5	2 0.1 3.4	3 0.1 3.1	3 0.1 3.3	6
7	2 0.1 3.7	2 0.1 4.-	2 0.1 4.-	..	2 0.1 3.6	3 0.1 3.5	3 0.1 3.5	3 0.1 3.3	..	3 0.1 3.3	3 0.1 3.4	3 0.1 3.4	3 0.1 3.7	..	3 0.1 3.0	7
8	2 0.1 4.0	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	3 0.1 3.3	3 0.1 3.3	3 0.1 3.-	2 0.1 4.-	2 0.1 4.-	3 0.1 3.-	3 0.1 3.-	3 0.1 3.-	2 0.1 4.-	2 0.1 4.-	8
9	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	2 0.1 4.0	2 0.1 4.2	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	2 0.1 4.2	2 0.1 4.0	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	2 0.1 4.0	2 0.1 4.0	9
10	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	2 0.1 4.0	2 0.1 4.5	2 0.1 3.5	2 0.1 3.5	2 0.1 3.3	2 0.1 3.8	2 0.1 4.2	2 0.1 3.8	2 0.1 3.8	2 0.1 3.6	2 0.1 3.8	3 0.1 3.7	10
11	2 0.1 4.-	2 0.1 4.-	2 0.1 4.-	3 0.1 3.8	3 0.2 4.3	3 0.1 3.6	3 0.1 3.6	3 0.1 3.9	3 0.1 3.5	3 0.1 4.2	3 0.1 3.6	3 0.1 3.6	3 0.1 3.7	3 0.1 4.0	3 0.2 3.8	11
12	2 0.1 4.3	2 0.1 4.8	2 0.1 4.8	..	2 0.1 4.2	3 0.2 4.8	3 0.2 4.8	2 0.1 4.7	..	3 0.1 4.4	3 0.3 4.0	3 0.3 4.0	2 0.1 5.0	..	3 0.1 4.6	12
13	2 0.1 4.3	2 0.1 4.7	2 0.1 4.7	2 0.1 3.9	2 0.1 3.7	3 0.1 3.8	3 0.1 3.8	2 0.1 4.1	2 0.1 3.9	2 0.1 4.2	3 0.1 4.0	3 0.1 4.0	2 0.1 4.5	2 0.1 4.0	2 0.1 4.1	13
14	2 0.1 4.3	2 0.1 4.6	2 0.1 4.6	3 0.2 4.7	3 0.2 4.5	2 0.1 4.7	2 0.1 4.7	2 0.2 5.0	3 0.2 4.4	3 0.2 4.8	2 0.2 4.5	2 0.2 4.5	2 0.3 5.0	3 0.3 4.4	3 0.3 4.7	14
15	3 0.2 4.1	3 0.2 4.3	3 0.2 4.3	..	3 0.2 4.4	3 0.2 4.3	3 0.2 4.3	3 0.2 4.9	..	3 0.2 4.4	3 0.3 4.6	3 0.3 4.6	3 0.3 4.7	..	3 0.3 4.6	15
16	3 0.2 4.5	3 0.2 4.0	3 0.2 4.0	3 0.2 3.7	3 0.1 3.2	3 0.2 4.4	3 0.2 4.4	3 0.2 4.1	3 0.2 3.7	3 0.2 3.3	3 0.4 4.6	3 0.4 4.6	3 0.3 4.2	3 0.3 4.5	3 0.2 4.0	16
17	3 0.1 4.0	2 0.1 4.4	2 0.1 4.4	2 0.1 4.7	2 0.2 4.8	3 0.1 3.7	3 0.1 3.7	2 0.1 4.3	2 0.2 4.6	2 0.2 4.9	3 0.2 3.8	3 0.2 3.8	2 0.2 4.6	2 0.3 5.0	2 0.3 4.9	17
18	..	2 0.2 4.4	2 0.2 4.4	2 0.2 4.3	2 0.3 5.0	..	..	2 0.2 4.7	2 0.2 4.7	2 0.4 5.0	..	..	2 0.2 4.6	2 0.2 5.0	2 0.3 4.9	18
19	2 0.2 4.5	2 0.1 4.5	2 0.1 4.5	2 0.1 4.2	2 0.1 4.1	2 0.2 4.8	2 0.2 4.8	2 0.1 4.6	2 0.1 4.2	2 0.1 4.2	2 0.2 4.9	2 0.2 4.9	2 0.2 4.8	2 0.1 4.3	2 0.1 4.0	19
20	2 0.1 4.4	2 0.1 4.1	2 0.1 4.1	2 0.1 4.0	2 0.1 4.3	2 0.1 4.1	2 0.1 4.1	2 0.1 4.2	2 0.1 3.8	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 3.8	2 0.1 3.6	2 0.1 3.7	20
21	2 0.1 4.0	2 0.1 4.0	2 0.1 4.0	2 0.1 3.8	2 0.1 4.2	2 0.1 3.7	2 0.1 3.7	2 0.1 3.9	2 0.1 3.9	2 0.1 4.0	2 0.1 3.7	2 0.1 3.7	2 0.1 4.1	2 0.1 3.8	2 0.1 4.1	21
22	2 0.1 4.0	2 0.1 3.8	2 0.1 3.8	2 0.1 4.5	2 0.1 4.2	2 0.1 3.7	2 0.1 3.7	2 0.1 4.0	2 0.1 4.1	2 0.1 4.4	2 0.1 4.0	2 0.1 4.0	2 0.1 4.3	2 0.1 4.3	2 0.1 3.9	22
23	2 0.1 4.7	2 0.1 4.4	2 0.1 4.4	..	..	2 0.1 4.3	2 0.1 4.3	2 0.1 4.3	..	..	2 0.1 4.5	2 0.1 4.5	2 0.1 4.0	..	..	23
24	..	..	..	2 0.2 5.3	3 0.4 4.7	..	..	..	3 0.2 4.8	3 0.4 5.0	..	..	..	2 0.2 4.4	3 0.4 4.8	24
25	..	..	..	2 0.5 3.7	2 0.4 3.7	..	..	3 0.5 4.0	3 0.4 3.7	3 0.4 3.6	..	..	..	3 0.5 3.9	3 0.6 3.8	25
26	2 0.5 3.6	2 0.5 3.5	2 0.5 3.5	..	2 0.8 4.0	2 0.4 3.9	2 0.4 3.9	2 0.5 3.8	..	3 0.8 4.1	3 0.6 3.8	3 0.6 3.8	3 0.6 3.8	..	3 0.6 3.6	26
27	2 1.0 3.9	2 0.7 3.8	2 0.7 3.8	2 0.6 3.7	2 0.5 3.9	3 0.6 3.8	3 0.6 3.8	3 0.5 4.0	2 0.1 4.2	2 0.5 4.0	3 0.8 4.0	3 0.8 4.0	3 1.0 3.8	3 0.6 4.3	3 0.6 5.0	27
28	2 0.5 4.0	2 0.7 4.2	2 0.7 4.2	3 0.4 4.3	3 0.5 4.3	3 0.5 4.5	3 0.5 4.5	3 0.7 5.3	3 0.9 5.1	3 0.9 4.6	3 0.5 4.7	3 0.5 4.7	3 0.7 4.7	3 1.0 4.8	3 0.8 4.9	28
29	3 0.5 4.6	3 0.3 4.3	3 0.3 4.3	3 0.3 3.8	..	3 0.6 4.9	3 0.6 4.9	..	3 0.5 3.9	..	3 0.8 5.1	3 0.8 5.1	..	3 0.4 4.2	..	29
30	3 0.3 3.6	3 0.3 3.7	3 0.3 3.7	2 0.2 4.2	2 0.2 3.7	3 0.3 3.6	3 0.3 3.6	3 0.2 3.5	2 0.2 3.8	2 0.2 3.4	3 0.3 3.6	3 0.3 3.6	3 0.3 3.7	2 0.3 3.8	2 0.2 3.9	30
31	2 0.2 3.7	2 0.1 4.3	2 0.1 4.3	2 0.1 4.0	2 0.1 4.2	2 0.1 3.7	2 0.1 3.7	2 0.1 3.8	2 0.1 3.9	2 0.1 3.9	2 0.2 3.7	2 0.2 3.7	2 0.1 3.8	2 0.1 3.8	2 0.1 4.0	31

Microseisms. København

1959 Sept.	Z	0h	6h	12h	18h	N	0h	6h	12h	18h	E	0h	6h	12h	18h	1959 Sept.
1	2 0.2 4.2	2 0.2 4.2	2 0.2 4.2	2 0.1 5.-	2 0.1 4.2	2 0.2 4.2	2 0.2 4.2	2 0.2 4.2	2 0.1 5.-	2 0.1 4.2	2 0.2 4.3	2 0.2 4.3	2 0.2 4.2	2 0.1 5.-	2 0.2 4.4	1
2	2 0.1 4.5	2 0.1 5.-	2 0.1 5.-	2 0.2 5.8	2 0.1 6.-	2 0.1 4.-	2 0.1 4.-	2 0.1 5.-	2 0.2 6.3	2 0.1 6.-	2 0.2 4.3	2 0.2 4.3	2 0.1 4.1	2 0.1 5.-	2 0.1 6.-	2
3	2 0.1 6.-	2 0.2 5.8	2 0.1 6.-	2 0.2 5.0	2 0.2 5.3	2 0.1 6.-	2 0.1 6.-	2 0.2 6.3	2 0.2 5.2	2 0.2 6.2	2 0.1 6.-	2 0.1 6.-	2 0.1 5.8	2 0.1 5.-	2 0.1 6.-	3
4	2 0.2 5.3	2 0.2 5.0	2 0.2 5.5	2 0.2 5.0	2 0.2 4.8	2 0.2 5.9	2 0.2 5.9	2 0.2 5.4	2 0.2 5.2	2 0.2 4.8	2 0.3 4.9	2 0.3 4.9	2 0.2 4.6	2 0.3 5.0	2 0.2 4.7	4
5	2 0.2 4.6	2 0.2 5.0	2 0.1 4.7	2 0.2 5.0	2 0.2 5.3	2 0.2 4.8	2 0.2 4.8	2 0.2 5.2	2 0.2 5.1	2 0.2 5.3	2 0.3 4.9	2 0.3 4.9	2 0.2 4.6	2 0.2 5.4	2 0.3 5.4	5
6	2 0.3 5.3	2 0.3 5.3	2 0.3 5.3	2 0.4 5.1	2 0.4 5.1	2 0.3 5.1	2 0.3 5.1	2 0.3 5.4	2 0.5 4.9	2 0.5 5.2	2 0.3 5.0	2 0.3 5.0	2 0.4 5.0	2 0.4 4.9	2 0.5 5.5	6
7	2 0.5 5.7	2 0.5 5.5	2 0.5 5.5	2 0.3 4.4	2 0.3 4.4	2 0.6 5.7	2 0.6 5.7	2 0.6 5.8	2 0.5 4.9	2 0.5 5.2	2 0.5 5.5	2 0.5 5.5	2 0.6 5.3	2 0.4 4.9	2 0.5 5.5	7
8	2 0.2 3.8	2 0.2 4.3	2 0.2 4.3	2 0.2 4.4	2 0.2 4.0	2 0.2 3.8	2 0.2 3.8	2 0.2 4.0	2 0.2 4.5	2 0.2 4.0	2 0.1 3.9	2 0.1 3.9	2 0.2 3.7	2 0.3 4.4	2 0.2 4.1	8
9	2 0.3 4.8	2 0.4 4.6	2 0.3 4.8	2 0.4 4.6	2 0.2 4.3	2 0.2 4.8	2 0.2 4.8	2 0.3 4.3	2 0.2 4.3	2 0.2 4.5	2 0.3 4.3	2 0.3 4.3	2 0.4 4.8	2 0.2 4.5	2 0.2 4.3	9
10	2 0.8 4.7	2 0.7 4.5	2 1.0 5.0	2 0.7 4.5	2 0.6 4.8	2 0.8 5.0	2 0.8 5.0	2 1.0 4.8	2 0.7 4.6	2 0.6 4.8	2 1.0 4.5	2 1.0 4.5	2 1.2 5.0	2 0.4 4.7	2 0.5 4.5	10
11	2 0.6 4.5	2 0.4 4.0	2 0.4 4.0	2 0.6 4.6	2 0.6 4.8	2 0.5 4.3	2 0.5 4.3	2 0.5 4.6	2 0.5 5.1	2 0.6 4.8	2 0.4 4.2	2 0.4 4.2	2 0.5 4.4	2 0.8 4.8	2 0.8 4.2	11
12	2 0.5 4.7	3 0.3 3.8	3 0.3 4.0	3 0.3 3.8	3 0.3 3.6	2 0.5 4.9	2 0.5 4.9	3 0.3 4.6	3 0.3 3.7	3 0.3 3.3	2 0.5 5.0	2 0.5 5.0	3 0.5 4.6	3 0.4 3.9	3 0.3 4.1	12
13	3 0.3 3.9	2 0.3 4.4	2 0.3 4.4	2 0.3 4.8	2 0.2 4.0	3 0.3 3.8	3 0.3 3.8	2 0.3 4.7	2 0.3 4.9	2 0.2 3.9	3 0.3 3.5	3 0.3 3.5	2 0.4 4.7	2 0.3 4.8	2 0.2 4.2	13
14	3 0.3 3.8	3 0.6 3.6	3 0.6 3.6	3 0.7 4.0	2 0.2 4.0	2 0.3 4.2	2 0.3 4.2	2 0.3 4.6	3 0.5 4.5	2 0.2 3.9	3 0.4 4.2	3 0.4 4.2	3 0.5 3.7	3 0.7 3.8	2 0.2 4.2	14
15	3 0.5 4.2	2 0.3 4.5	2 0.3 4.5	2 0.3 4.5	2 0.2 4.2	3 0.6 5.0	3 0.6 5.0	2 0.3 5.0	3 0.5 4.5	2 0.2 4.0	3 0.4 4.5	3 0.4 4.5	3 0.6 5.2	3 0.7 3.8	3 0.3 3.8	15
16	2 0.2 4.2	2 0.3 3.8	2 0.3 3.8	2 0.3 4.2	2 0.3 4.2	2 0.2 3.9	2 0.2 3.9	2 0.3 4.2	2 0.3 3.9	2 0.4 4.2	2 0.3 4.1	2 0.3 4.1	3 0.3 4.2	2 0.3 4.0	2 0.4 4.0	16
17	2 0.5 4.3	2 0.3 4.0	2 0.3 4.0	2 0.3 4.0	2 0.2 4.1	2 0.4 4.5	2 0.4 4.5	2 0.4 4.4	2 0.3 3.8	2 0.3 3.8	2 0.4 4.0	2 0.4 4.0	2 0.4 4.4	2 0.3 4.0	2 0.3 4.0	17
18	2 0.3 4.3	2 0.2 4.0	2 0.2 4.0	2 0.2 4.0	2 0.3 4.5	2 0.4 4.3	2 0.4 4.3	2 0.2 4.2	2 0.3 4.7	2 0.2 4.5	2 0.4 3.9	2 0.4 3.9	2 0.3 3.8	2 0.2 4.0	2 0.3 4.5	18
19	3 0.4 5.2	3 0.5 5.5	3 0.5 5.5	3 0.4 4.5	3 0.5 4.5	3 0.6 5.4	3 0.6 5.4	3 0.8 5.7	3 0.6 4.4	3 0.8 5.5	3 0.6 5.2	3 0.6 5.2	3 0.7 5.6	3 0.7 5.0	3 0.8 5.0	19
20	3 0.4 4.2	3 0.4 3.7	3 0.4 4.0	3 0.4 3.7	3 0.5 3.4	3 0.6 5.1	3 0.6 5.1	3 0.5 4.8	3 0.5 4.2	3 0.5 4.2	3 0.7 4.3	3 0.7 4.3	3 0.7 4.1	3 0.6 3.9	3 0.7 4.2	20
21	3 0.8 4.2	3 0.6 3.8	3 0.6 3.8	3 0.6 3.8	3 0.6 4.0	3 1.0 4.1	3 1.0 4.1	3 0.9 4.4	3 0.7 4.2	3 0.6 4.3	3 0.8 4.0	3 0.8 4.0	3 0.9 4.5	3 0.7 4.2	3 0.6 4.8	21
22	3 0.4 4.3	2 0.4 4.8	2 0.4 4.8	2 0.3 4.8	2 0.3 5.0	3 0.6 4.6	3 0.6 4.6	3 0.5 4.8	3 0.5 4.8	2 0.4 5.3	3 0.8 4.5	3 0.8 4.5	3 0.5 4.3	3 0.7 5.0	3 0.7 4.8	22
23	2 0.4 4.9	2 0.4 5.3	2 0.4 5.3	2 0.4 5.4	2 0.4 4.8	2 0.5 5.1	2 0.5 5.1	2 0.6 5.3	2 0.6 5.0	2 0.4 5.0	2 0.7 5.0	2 0.7 5.0	2 0.8 5.2	2 0.6 5.2	2 0.5 5.0	23
24	2 0.4 5.0	2 0.3 4.5	2 0.3 4.5	2 0.4 5.4	2 0.3 4.8	2 0.6 5.0	2 0.6 5.0	2 0.5 4.8	2 0.5 4.8	2 0.3 4.7	2 0.4 4.8	2 0.4 4.8	2 0.6 4.9	2 0.6 5.2	2 0.5 5.0	24
25	2 0.3 5.0	2 0.3 4.6	2 0.3 4.6	3 0.6 4.2	3 0.5 3.5	2 0.3 4.7	2 0.3 4.7	2 0.4 4.1	3 0.6 5.1	3 0.5 4.2	2 0.7 5.0	2 0.7 5.0	2 0.5 4.6	2 0.7 4.6	2 0.6 4.9	25
26	3 0.8 4.2	3 0.6 4.2	3 0.6 4.2	2 0.4 5.5	2 0.4 5.1	3 0.6 4.2	3 0.6 4.2	3 0.5 4.3	2 0.3 4.9	2 0.4 5.3	3 0.9 3.7	3 0.9 3.7	3 0.8 4.3	3 0.8 4.7	3 1.1 3.7	26
27	2 0.5 5.0	2 0.3 4.7	2 0.3 4.7	2 0.4 4.9	2 0.4 4.9	2 0.6 5.2	2 0.6 5.2	2 0.7 4.7	2 0.4 5.0	2 0.4 4.8	1 1.0 5.4	1 1.0 5.4	1 0.8 4.9	1 0.5 5.0	1 0.9 5.6	27
28	2 0.4 5.6	2 0.2 5.5	2 0.2 5.5	2 0.3 5.3	2 0.3 5.3	2 0.3 4.8	2 0.3 4.8	2 0.4 4.9	2 0.3 5.3	2 0.4 4.8	2 0.4 5.0	2 0.4 5.0	2 0.5 5.1	2 0.3 4.9	2 0.4 4.9	28
29	2 0.4 5.6	2 0.2 5.5	2 0.2 5.5	2 0.3 5.3	2 0.3 5.3	2 0.3 4.8	2 0.3 4.8	2 0.4 4.9	2 0.3 5.3	2 0.4 4.8	2 0.4 5.0	2 0.4 5.0	2 0.5 5.1	2 0.3 4.9	2 0.4 4.9	29
30	2 0.4 5.6	2 0.2 5.5	2 0.2 5.5	2 0.3 5.3	2 0.3 5.3	2 0.3 4.8	2 0.3 4.8	2 0.4 4.9	2 0.3 5.3	2 0.4 4.8	2 0.4 5.0	2 0.4 5.0	2 0.5 5.1	2 0.3 4.9	2 0.4 4.9	30

Microseisms. København

1959	Z				N				E				1959				
Oct.	0h	6h	12h	18h	0h	6h	12h	18h	0h	6h	12h	18h	Oct.	0h	6h	12h	18h
1	2 0.3 4.4	2 0.3 4.6	2 0.3 4.7	2 0.3 4.8	2 0.3 4.8	2 0.3 4.8	2 0.3 5.2	2 0.3 4.4	2 0.3 4.6	2 0.5 4.5	2 0.4 4.5	2 0.3 4.8	1	2 0.3 4.6	2 0.5 4.5	2 0.4 4.5	2 0.3 4.8
2	2 0.3 4.3	2 0.2 4.1	2 0.2 4.8	2 0.2 4.9	2 0.3 4.2	2 0.2 4.8	2 0.3 5.0	2 0.2 4.5	2 0.4 5.0	2 0.3 5.0	2 0.3 4.7	2 0.3 5.0	2	2 0.4 5.0	2 0.3 5.0	2 0.3 4.7	2 0.3 5.0
3	2 0.1 5.6	2 0.1 5.0	2 0.1 5.0	2 0.2 4.8	2 0.2 5.5	2 0.2 5.5	2 0.2 4.7	2 0.2 5.2	2 0.3 5.0	2 0.2 4.5	2 0.2 5.3	2 0.2 5.3	3	2 0.3 5.0	2 0.2 4.5	2 0.2 5.3	2 0.2 5.3
4	2 0.1 4.7	2 0.2 4.6	2 0.1 4.4	2 0.2 4.6	2 0.1 4.9	2 0.2 5.2	2 0.2 4.3	3 0.2 4.4	2 0.2 4.8	3 0.2 5.0	3 0.2 4.0	3 0.3 4.5	4	2 0.2 4.8	3 0.2 5.0	3 0.2 4.0	3 0.3 4.5
5	2 0.2 4.3	2 0.2 4.2	2 0.3 4.6	2 0.3 4.3	3 0.3 4.3	3 0.3 4.3	2 0.3 4.1	2 0.3 4.0	3 0.3 4.3	3 0.3 4.5	2 0.3 4.0	2 0.4 4.0	5	3 0.3 4.3	3 0.3 4.5	2 0.3 4.0	2 0.4 4.0
6	2 0.3 3.8	2 0.2 3.9	2 0.2 3.8	2 0.2 4.1	2 0.3 3.9	2 0.3 4.0	2 0.2 4.0	2 0.3 4.3	2 0.5 4.0	2 0.3 3.9	2 0.3 4.3	2 0.3 4.4	6	2 0.5 4.0	2 0.3 3.9	2 0.3 4.3	2 0.3 4.4
7	2 0.3 4.3	2 0.4 4.2	1 0.4 4.3	1 0.3 4.8	2 0.4 4.5	2 0.3 4.3	1 0.6 4.8	1 0.5 5.0	2 0.4 4.2	2 0.3 4.2	1 0.5 4.4	1 0.4 4.2	7	2 0.4 4.2	2 0.3 4.2	1 0.5 4.4	1 0.4 4.2
8	2 0.3 4.6	1 0.4 4.6	2 0.3 5.0	2 0.3 4.6	1 0.5 4.6	1 0.6 4.4	1 0.5 4.6	3 0.3 4.7	1 0.6 4.8	1 0.5 4.7	3 0.5 4.6	3 0.5 4.7	8	1 0.6 4.8	1 0.5 4.7	3 0.5 4.6	3 0.5 4.7
9	2 0.3 5.0	2 0.5 6.5	2 0.8 7.0	2 0.5 6.4	2 0.3 5.0	2 0.4 7.0	2 0.9 7.8	2 0.8 7.2	2 0.3 4.8	2 0.5 6.7	2 0.7 6.3	2 0.8 6.3	9	2 0.3 4.8	2 0.5 6.7	2 0.7 6.3	2 0.8 6.3
10	2 0.3 6.8	2 0.3 6.2	3 0.2 4.3	3 0.2 4.5	2 0.5 6.7	2 0.3 6.2	3 0.3 4.5	3 0.2 4.4	2 0.5 5.9	3 0.5 5.4	3 0.3 4.5	3 0.3 4.6	10	2 0.5 5.9	3 0.5 5.4	3 0.3 4.5	3 0.3 4.6
11	3 0.2 4.3	3 0.2 4.1	3 0.3 4.7	3 0.2 3.8	3 0.3 4.4	3 0.2 4.2	3 0.2 4.3	3 0.2 4.0	3 0.4 4.4	3 0.3 4.5	3 0.3 3.8	3 0.3 4.3	11	3 0.4 4.4	3 0.3 4.5	3 0.3 3.8	3 0.3 4.3
12	2 0.2 3.8	2 0.2 4.0	2 0.2 4.3	2 0.2 3.7	2 0.2 4.0	2 0.2 4.4	2 0.2 4.4	2 0.2 3.8	2 0.2 3.8	2 0.3 3.8	2 0.2 4.1	2 0.2 4.0	12	2 0.2 3.8	2 0.3 3.8	2 0.2 4.1	2 0.2 4.0
13	2 0.2 4.1	2 0.2 4.2	2 0.2 4.4	2 0.3 4.8	2 0.2 4.3	2 0.2 4.0	2 0.3 4.3	2 0.3 4.4	2 0.2 4.3	2 0.2 4.7	2 0.2 4.1	2 0.4 4.7	13	2 0.2 4.3	2 0.2 4.7	2 0.2 4.1	2 0.4 4.7
14	2 0.3 5.0	2 0.3 4.6	2 0.3 4.9	2 0.2 4.7	2 0.3 4.5	2 0.3 4.8	2 0.3 4.8	2 0.3 4.8	2 0.3 4.8	2 0.4 5.1	2 0.4 4.6	2 0.4 5.0	14	2 0.3 4.8	2 0.4 5.1	2 0.4 4.6	2 0.4 5.0
15	2 0.3 4.7	2 0.3 4.8	1 0.5 5.0	1 0.6 4.9	2 0.3 4.7	2 0.5 4.6	2 0.4 5.0	2 0.5 5.2	2 0.4 4.7	1 0.6 4.7	1 0.6 5.0	1 0.6 5.0	15	2 0.4 4.7	1 0.6 4.7	1 0.6 5.0	1 0.6 5.0
16	2 0.4 4.8	3 0.6 5.5	3 0.5 4.9	2 0.5 4.4	2 0.5 5.2	3 0.6 5.4	3 0.7 5.0	3 0.4 5.0	2 0.6 4.8	3 0.8 4.5	3 0.6 5.5	3 0.8 5.6	16	2 0.6 4.8	3 0.8 4.5	3 0.6 5.5	3 0.8 5.6
17	2 0.6 4.9	2 0.4 4.7	2 0.4 4.7	2 0.5 5.2	2 0.5 4.8	2 0.3 4.9	1 0.6 4.9	1 0.7 5.0	1 0.9 4.5	1 0.5 4.8	1 0.7 4.8	1 0.9 4.4	17	1 0.9 4.5	1 0.5 4.8	1 0.7 4.8	1 0.9 4.4
18	2 0.4 4.8	3 0.6 4.5	1 1.0 4.0	1 1.2 4.2	2 0.5 5.0	3 0.5 4.7	1 0.9 4.2	1 1.3 4.3	1 0.8 5.0	3 0.8 4.8	1 1.2 4.4	1 1.3 3.7	18	1 0.8 5.0	3 0.8 4.8	1 1.2 4.4	1 1.3 3.7
19	1 1.5 4.3	2 0.6 3.7	2 0.5 4.1	2 0.4 4.1	1 1.6 3.8	2 0.4 3.7	2 0.4 3.8	2 0.4 4.0	1 2.0 3.7	3 0.9 4.1	3 0.7 4.2	2 0.4 4.1	19	1 2.0 3.7	3 0.9 4.1	3 0.7 4.2	2 0.4 4.1
20	2 0.4 4.2	2 0.6 4.0	3 0.4 4.3	3 0.3 3.8	2 0.5 4.3	2 0.5 4.0	3 0.4 3.8	3 0.3 4.3	2 0.5 4.0	3 0.6 4.2	3 0.6 4.4	3 0.6 4.0	20	2 0.5 4.0	3 0.6 4.2	3 0.6 4.4	3 0.6 4.0
21	3 0.4 4.2	3 0.6 4.-	3 0.7 7.-	3 0.7 7.-	3 0.4 3.8	3 0.6 4.-	3 0.8 6.-	3 0.8 7.-	3 0.6 4.2	3 0.9 4.-	3 0.7 6.-	3 0.8 6.-	21	3 0.6 4.2	3 0.9 4.-	3 0.7 6.-	3 0.8 6.-
22	3 0.6 6.-	3 0.6 6.-	3 0.6 4.0	3 0.6 4.0	3 1.2 7.-	3 1.0 6.-	3 0.7 4.3	3 0.6 4.0	3 1.2 6.-	3 1.5 6.-	3 0.9 4.2	3 1.0 4.0	22	3 1.2 6.-	3 1.5 6.-	3 0.9 4.2	3 1.0 4.0
23	3 1.3 4.4	3 0.8 4.0	3 1.3 6.-	3 1.5 6.-	3 0.8 4.0	3 1.0 6.-	3 1.2 7.-	3 1.6 7.-	3 1.3 3.9	3 0.8 4.0	3 1.3 7.-	3 1.6 6.-	23	3 1.3 3.9	3 0.8 4.0	3 1.3 7.-	3 1.6 6.-
24	3 0.8 5.-	3 1.3 6.-	3 1.3 5.0	3 0.8 4.5	3 1.3 6.-	3 1.8 7.-	3 1.6 5.8	3 1.2 5.0	3 1.3 6.-	3 1.6 7.-	3 1.3 4.8	3 0.7 5.4	24	3 1.3 6.-	3 1.6 7.-	3 1.3 4.8	3 0.7 5.4
25	..	3 0.9 3.8	3 0.9 4.3	3 0.9 4.5	..	3 1.0 4.4	3 1.0 4.7	3 1.1 5.5	..	3 0.8 4.8	3 0.7 5.0	3 0.6 4.3	25	..	3 0.8 4.8	3 0.7 5.0	3 0.6 4.3
26	3 0.6 4.3	3 0.6 5.1	3 0.6 4.8	3 0.8 4.8	3 0.8 5.5	3 0.7 4.3	3 0.8 4.9	3 1.0 4.9	3 0.8 4.1	3 0.6 4.0	3 0.7 4.8	3 0.7 4.8	26	3 0.8 4.1	3 0.6 4.0	3 0.7 4.8	3 0.7 4.8
27	1 1.1 4.8	1 1.4 4.3	3 2.2 5.2	1 2.2 5.0	3 0.9 4.2	1 1.7 4.9	3 2.2 5.0	1 3.2 4.8	1 1.1 4.6	1 1.6 5.0	3 2.2 5.2	1 2.7 5.2	27	1 1.1 4.6	1 1.6 5.0	3 2.2 5.2	1 2.7 5.2
28	1 3.0 5.2	1 3.2 5.0	1 2.6 4.8	3 1.7 5.2	1 3.0 5.5	1 3.5 5.0	3 2.3 5.4	1 2.6 5.2	1 3.5 5.0	1 3.7 4.2	1 3.3 5.0	3 1.7 5.3	28	1 3.5 5.0	1 3.7 4.2	1 3.3 5.0	3 1.7 5.3
29	2 1.2 5.2	1 1.6 5.4	1 1.1 5.0	1 0.9 4.7	1 1.7 5.8	1 1.7 6.2	1 1.2 5.2	1 1.1 4.8	3 1.2 5.3	1 1.3 5.5	1 1.0 5.7	2 0.8 4.6	29	3 1.2 5.3	1 1.3 5.5	1 1.0 5.7	2 0.8 4.6
30	1 1.0 4.8	2 0.7 4.2	2 0.3 4.6	2 0.3 4.0	1 2.0 4.8	1 0.7 4.4	2 0.5 4.3	2 0.4 4.7	1 0.9 4.2	1 0.8 4.6	2 0.4 4.5	2 0.4 4.0	30	1 0.9 4.2	1 0.8 4.6	2 0.4 4.5	2 0.4 4.0
31	2 0.2 4.0	2 0.2 3.9	2 0.2 4.2	2 0.2 4.5	2 0.3 4.2	2 0.3 4.0	2 0.3 4.6	2 0.4 4.5	2 0.4 4.0	2 0.4 4.3	2 0.3 5.0	2 0.3 5.0	31	2 0.4 4.0	2 0.4 4.3	2 0.3 5.0	2 0.3 5.0

Microseisms. København

1959 Nov.	Z	0h	6h	12h	18h	N	0h	6h	12h	18h	E	0h	6h	12h	18h	1959 Nov.
1	2 0.3 4.3	2 0.3 5.0	2 0.4 5.5	3 0.6 8.-	2 0.2 4.7	2 0.5 5.2	3 0.4 5.2	3 0.7 7.-	3 0.7 7.-	3 0.7 7.-	2 0.3 4.5	2 0.4 5.2	2 0.3 4.5	2 0.4 5.2	2 0.3 4.5	1
2	3 0.7 7.-	3 0.8 8.-	3 0.6 5.8	3 0.7 5.9	3 0.7 7.-	3 1.0 7.-	1 0.9 6.1	1 1.0 6.8	1 0.9 6.1	1 1.0 6.8	3 0.6 6.3	3 0.8 6.5	3 0.6 6.3	3 0.8 6.5	3 0.6 6.3	2
3	3 1.1 6.3	1 1.2 6.3	1 1.5 6.8	1 1.6 6.3	1 1.4 6.3	1 1.6 6.6	1 2.2 6.5	1 2.2 6.2	1 2.2 6.5	1 2.2 6.2	1 0.9 5.8	1 1.2 5.8	1 0.9 5.8	1 1.2 5.8	1 0.9 5.8	3
4	3 1.4 6.0	1 1.4 5.7	1 0.8 5.8	1 0.6 5.9	1 2.2 6.3	1 1.4 6.2	1 1.0 5.8	1 0.8 5.8	1 1.0 5.8	1 0.8 5.8	3 1.7 5.9	1 1.4 5.0	3 1.7 5.9	1 1.4 5.0	1 1.0 5.3	4
5	1 0.7 5.4	1 0.5 5.6	2 0.5 5.2	2 0.4 4.8	1 0.7 5.3	1 0.8 5.3	2 0.6 5.2	2 0.4 5.5	2 0.6 5.2	2 0.4 5.5	1 1.0 5.6	1 0.7 5.0	1 1.0 5.6	1 0.7 5.0	2 0.4 4.2	5
6	2 0.3 4.0	2 0.4 4.5	2 0.5 4.5	2 0.7 5.0	2 0.5 3.8	2 0.6 4.3	2 0.5 5.0	2 0.5 5.5	2 0.5 5.0	2 0.5 5.5	2 0.4 5.0	2 0.4 4.8	2 0.4 5.0	2 0.4 4.6	2 0.5 4.8	6
7	2 0.6 5.7	2 0.5 5.3	2 0.4 5.0	3 0.5 5.7	1 0.9 5.2	2 0.6 5.3	3 0.7 5.2	3 0.8 5.8	3 0.7 5.2	3 0.8 5.8	2 0.5 4.7	2 0.5 5.7	2 0.5 4.7	3 0.5 5.6	3 0.6 4.5	7
8	.. ..	2 0.9 6.0	3 1.2 6.0	3 2.2 6.4	.. ..	1 1.3 6.5	3 1.3 5.9	1 3.3 6.2	3 1.3 5.9	1 3.3 6.2	.. ..	3 1.2 6.5	.. ..	3 1.3 5.7	1 1.8 5.8	8
9	3 1.7 5.8	1 4.3 7.3	1 3.5 6.5	3 2.0 4.8	1 3.4 6.2	1 3.7 6.8	3 3.5 6.2	3 2.0 5.8	3 3.5 6.2	3 2.0 5.8	1 3.2 6.2	1 2.8 6.0	1 3.2 6.2	1 2.8 6.0	3 3.3 5.0	9
10	3 1.6 5.0	3 1.3 5.0	3 1.3 4.-	3 1.0 4.-	3 2.5 5.5	3 1.8 5.6	3 1.6 5.-	3 1.6 4.7	3 1.6 5.-	3 1.6 4.7	3 1.9 4.9	3 1.8 4.8	3 1.9 4.9	3 1.6 5.0	3 1.6 4.2	10
11	3 0.8 4.0	3 0.8 4.6	3 0.6 4.2	3 0.6 5.0	3 1.5 5.-	3 1.0 5.-	3 0.6 5.5	3 0.6 4.4	3 0.6 5.5	3 0.6 4.4	3 1.0 4.6	3 1.0 5.0	3 1.0 4.6	3 0.7 5.7	3 0.6 3.8	11
12	3 0.5 3.5	2 0.5 4.0	2 0.4 4.2	2 0.5 4.2	3 0.6 3.9	2 0.5 3.7	2 0.5 4.0	2 0.7 4.2	2 0.5 4.0	2 0.7 4.2	3 0.6 3.6	3 0.7 3.4	3 0.6 3.6	2 0.7 4.0	2 0.7 3.8	12
13	2 0.5 4.1	2 0.5 4.5	3 0.4 4.2	3 0.6 3.7	2 0.6 4.4	2 0.4 4.0	3 0.4 4.7	3 0.5 4.2	3 0.4 4.7	3 0.5 4.2	2 0.5 4.3	2 0.6 4.8	2 0.5 4.3	3 0.4 3.9	3 0.5 4.0	13
14	1 0.9 4.6	1 1.6 5.0	1 1.5 4.9	1 1.6 4.0	1 1.2 5.0	1 1.7 4.8	1 1.3 4.8	1 1.6 4.2	1 1.3 4.8	1 1.6 4.2	1 1.0 5.0	1 1.4 4.4	1 1.0 5.0	1 1.6 5.2	1 1.7 4.7	14
15	1 1.3 4.4	1 1.0 4.2	.. ..	.. ..	1 1.5 4.3	1 0.9 4.0	.. ..	.. ..	.. ..	.. ..	1 1.4 4.3	1 1.5 4.2	.. ..	.. ..	.. ..	15
16	.. ..	.. ..	1 1.0 3.8	1 1.0 4.3	.. ..	.. ..	1 0.9 3.9	1 1.0 4.3	1 0.9 3.9	1 1.0 4.3	.. ..	.. ..	.. ..	1 1.0 3.8	1 1.0 4.2	16
17	3 0.7 3.8	3 0.9 4.3	3 0.6 3.8	3 0.7 4.0	3 0.8 4.2	3 0.6 4.2	3 0.7 3.8	3 0.7 3.8	3 0.7 3.8	3 0.7 3.8	1 0.8 4.4	3 0.8 4.2	1 0.8 4.4	3 0.8 4.0	3 0.9 4.2	17
18	3 0.7 3.5	3 0.7 3.5	3 1.0 3.8	3 0.8 4.0	3 0.6 4.2	3 0.8 3.6	3 1.0 3.9	3 1.0 4.2	3 1.0 3.9	3 1.0 4.2	3 0.8 3.9	3 1.0 3.7	3 0.8 3.9	3 1.0 4.0	3 0.9 4.3	18
19	3 0.9 3.7	3 1.0 4.0	.. ..	1 1.8 3.8	3 0.8 3.7	3 1.1 4.2	.. ..	1 1.3 3.8	.. ..	1 1.3 3.8	3 1.0 4.0	3 1.0 3.8	.. ..	.. ..	1 1.6 3.9	19
20	1 2.2 3.6	1 2.2 3.8	1 1.7 3.5	1 1.3 3.7	1 1.0 3.5	1 1.0 3.8	1 1.0 3.9	3 0.7 3.8	1 1.0 3.9	3 0.7 3.8	1 1.3 4.0	1 1.5 3.9	1 1.3 4.0	1 1.4 3.6	3 0.7 4.3	20
21	3 0.9 3.8	3 1.2 3.9	3 0.7 4.0	3 0.9 4.2	3 0.8 4.1	3 0.7 4.4	3 0.5 4.-	3 1.0 7.5	3 0.5 4.-	3 1.0 7.5	2 0.8 5.0	2 0.6 5.0	2 0.8 5.0	3 0.9 4.4	3 1.2 5.0	21
22	1 1.0 4.0	1 1.2 4.1	2 0.8 3.9	1 1.2 3.8	3 1.3 4.3	3 0.8 4.0	2 0.6 4.2	.. ..	2 0.6 4.2	.. ..	3 1.3 4.3	1 1.2 4.0	3 1.3 4.3	2 0.7 4.0	.. ..	22
23	2 0.8 3.9	2 0.6 4.0	2 0.7 3.6	2 0.9 3.8	2 0.6 4.5	2 0.6 4.0	3 0.7 5.-	3 0.8 3.8	3 0.7 5.-	3 0.8 3.8	2 0.7 4.7	2 0.8 4.7	2 0.7 4.7	3 0.6 4.8	3 1.3 4.5	23
24	2 1.0 4.2	2 0.7 4.2	3 0.9 4.1	3 0.7 3.8	3 0.7 5.5	3 0.5 4.3	3 0.7 4.8	3 0.7 4.3	3 0.7 4.8	3 0.7 4.3	3 1.2 4.8	3 1.0 5.0	3 1.2 4.8	3 0.7 5.0	3 0.8 4.8	24
25	3 0.8 4.2	3 1.0 4.1	3 0.7 3.7	3 0.6 3.8	3 0.7 4.8	3 0.8 4.3	3 0.8 4.1	3 0.9 4.6	3 0.8 4.1	3 0.9 4.6	3 1.2 4.4	3 1.1 4.5	3 1.2 4.4	3 0.9 4.7	3 0.9 4.7	25
26	3 1.2 4.7	3 0.8 4.4	3 0.9 4.5	3 0.9 3.8	2 0.6 4.6	2 0.6 4.8	2 0.7 4.7	3 0.9 4.9	2 0.7 4.7	3 0.9 4.9	2 0.8 4.9	3 1.2 4.3	3 1.2 4.3	3 1.1 4.0	3 1.0 4.2	26
27	3 1.1 3.8	3 1.0 4.0	3 0.7 4.0	3 0.6 3.7	.. ..	3 0.8 3.9	3 0.5 3.9	3 0.5 3.8	3 0.5 3.9	3 0.5 3.8	.. ..	3 1.0 4.3	3 1.0 4.3	3 0.6 3.7	3 0.5 4.0	27
28	3 0.6 3.5	3 0.6 3.8	3 0.6 3.8	3 0.6 3.7	3 0.5 3.5	3 0.5 3.4	2 0.6 4.0	2 0.5 4.0	2 0.6 4.0	2 0.5 4.0	3 0.5 3.5	3 0.5 3.4	3 0.5 3.5	2 0.5 3.8	2 0.5 3.8	28
29	3 0.5 3.8	3 0.5 3.8	2 0.6 3.8	2 0.7 4.1	3 0.5 3.7	3 0.4 3.8	2 0.6 3.8	3 0.5 4.1	2 0.6 3.8	3 0.5 4.1	2 0.5 4.1	2 0.4 3.8	2 0.5 4.1	2 0.5 3.8	2 0.6 4.0	29
30	2 0.7 3.8	3 1.1 3.6	3 1.0 4.4	3 0.9 3.9	3 0.6 4.2	3 0.7 4.5	3 1.0 3.8	3 1.0 4.0	3 1.0 3.8	3 1.0 4.0	3 0.7 4.1	3 1.0 4.7	3 0.7 4.1	3 1.0 3.8	3 1.1 4.2	30

Microseisms. København

1959 Dec.	Z				N				E			
	0h	6h	12h	18h	0h	6h	12h	18h	0h	6h	12h	18h
1	3 1.0 3.5	3 0.9 3.8	3 1.0 4.4	3 0.7 4.2	3 1.0 4.2	3 1.0 4.5	3 0.9 4.2	3 0.7 4.2	3 1.0 4.2	3 1.1 4.7	3 0.8 4.2	3 0.8 4.3
2	3 0.7 4.0	3 0.9 3.9	3 1.1 4.3	3 1.0 4.1	3 0.7 4.6	3 0.8 4.1	3 0.7 4.8	3 1.3 4.0	3 0.9 3.7	3 1.0 4.1	3 1.1 5.0	3 1.4 4.5
3	3 1.6 6.0	3 1.3 4.5	3 1.3 4.6	3 1.7 5.5	3 1.2 4.6	3 1.5 5.0	3 1.4 4.0	3 1.2 5.0	3 1.7 5.0	3 1.8 4.4	3 1.7 4.5	3 1.7 5.8
4	3 1.6 5.3	3 1.5 6.0	3 1.2 4.2	3 1.1 4.2	3 1.6 5.4	3 1.7 5.8	3 1.4 6.0	3 1.2 4.1	3 1.4 5.7	3 1.6 5.6	3 1.5 4.3	3 1.7 4.8
5	3 1.2 4.0	3 1.3 4.0	3 1.3 4.0	3 1.5 3.8	3 1.4 4.0	3 1.2 4.5	3 1.5 5.0	3 1.6 4.8	3 1.4 4.9	3 1.6 4.8	3 1.7 5.0	3 1.8 4.3
6	3 1.7 3.8	3 1.8 4.0	3 1.7 4.4	3 2.5 4.2	3 1.7 4.5	3 1.7 5.3	3 1.7 5.1	3 2.2 4.8	3 1.6 4.2	3 1.7 3.8	3 2.0 4.4	3 2.8 4.0
7	3 2.5 4.2	3 2.0 4.0	3 2.0 4.5	3 3.0 5.5	3 2.1 4.2	3 1.6 4.8	3 2.6 5.2	3 2.4 5.2	3 2.2 4.8	3 2.5 5.4	3 2.3 5.7	3 2.6 5.7
8	3 3.0 5.5	3 2.3 5.7	3 2.8 4.8	3 2.6 5.5	3 2.7 5.5	3 2.3 5.0	3 2.3 5.8	3 2.2 5.5	3 3.6 5.5	3 3.0 5.8	3 2.6 4.2	3 1.8 5.8
9	3 2.0 4.4	3 1.8 5.0	3 1.0 5.0	3 0.8 4.2	3 1.8 5.7	3 1.5 5.2	3 1.1 5.2	3 1.0 4.6	3 2.2 6.2	3 1.7 4.3	3 1.6 5.0	3 1.1 4.4
10	2 0.7 4.5	2 0.6 4.3	2 0.7 4.1	2 0.7 3.9	3 0.7 4.8	3 0.5 4.8	2 0.5 3.8	2 0.7 4.1	3 0.7 4.4	3 0.6 4.3	2 0.6 5.0	2 0.7 4.2
11	2 0.6 3.8	2 0.7 3.8	2 0.6 4.0	2 0.5 4.2	2 0.7 3.6	2 0.5 4.0	2 0.6 3.8	2 0.7 3.7	2 0.6 4.1	2 0.6 4.2	2 0.6 4.2	2 0.7 4.0
12	2 0.5 3.7	2 0.5 4.0	2 0.5 4.5	2 0.4 5.2	2 0.6 4.1	2 0.7 4.2	2 0.4 4.8	2 0.4 5.2	2 0.6 4.2	2 0.5 4.3	2 0.7 4.6	2 0.6 5.1
13	2 0.4 4.0	2 0.4 4.6	2 0.5 5.5	2 0.6 5.0	2 0.4 4.7	2 0.4 4.1	2 0.4 5.0	2 0.4 5.0	2 0.5 4.4	2 0.6 5.0	2 0.6 5.5	2 0.6 4.8
14	2 0.6 5.1	3 1.1 5.6	3 1.5 5.2	3 1.5 5.8	2 0.7 5.0	3 1.5 5.8	3 1.3 6.0	3 1.6 5.7	1 1.2 5.2	3 1.3 5.0	3 1.5 5.7	3 1.6 5.8
15	.. ..	3 1.4 4.1	3 1.4 4.1	3 1.0 5.8	.. ..	3 1.5 4.5	3 1.4 4.8	3 1.5 4.5	.. ..	3 1.4 4.3	3 1.7 4.2	3 1.3 4.0
16	3 1.0 3.9	3 0.7 3.7	3 0.8 4.0	3 1.0 4.2	3 1.2 4.8	3 1.0 4.0	3 0.8 4.4	3 0.9 4.3	3 1.2 4.0	3 1.3 4.1	3 1.0 3.8	3 1.0 4.7
17	3 1.2 4.1	3 0.9 4.3	3 2.2 4.9	3 2.5 5.5	3 1.0 5.0	3 1.2 5.0	3 1.7 5.0	3 3.4 6.2	3 1.3 4.3	3 1.6 4.4	3 2.5 5.0	3 3.8 5.0
18	3 2.7 6.3	3 2.2 5.2	1 2.7 5.5	1 3.4 5.4	3 2.3 5.8	3 2.3 5.4	1 2.0 5.8	1 2.3 5.5	3 3.5 5.3	3 3.0 6.2	1 2.6 5.7	1 3.5 5.1
19	1 2.4 5.0	1 2.5 5.8	3 1.5 5.2	3 1.3 5.7	1 2.6 4.8	1 1.9 5.7	3 1.6 5.2	1 1.1 5.0	1 3.0 5.0	1 2.5 5.0	3 1.4 5.3	3 1.7 5.0
20	3 1.2 4.2	1 1.5 4.6	1 1.9 4.9	3 1.6 4.9	1 1.4 5.8	1 1.4 5.2	1 2.0 5.0	3 1.2 4.1	3 1.3 5.2	1 1.5 4.8	1 2.4 4.8	3 2.0 4.8
21	1 2.0 5.0	1 1.8 4.8	.. ..	1 1.7 4.7	3 1.5 4.8	1 1.9 4.3	.. ..	1 1.5 5.2	3 1.8 4.8	1 2.6 5.0	.. ..	1 1.7 4.8
22	1 1.5 5.0	1 1.2 4.7	2 0.7 4.8	3 0.8 4.7	1 1.6 5.2	1 1.5 5.0	2 1.0 5.2	3 0.8 5.3	1 1.7 5.6	1 1.6 5.0	3 1.3 5.0	3 1.3 4.2
23	3 1.1 4.8	3 1.6 5.0	3 1.4 4.3	3 1.2 4.0	3 1.0 4.8	3 1.2 4.8	3 1.3 5.1	3 1.2 4.2	3 1.1 4.6	3 2.0 4.8	3 1.7 4.9	3 1.5 4.0
24	3 1.3 4.6	3 1.3 4.7	3 1.0 5.2	3 1.1 4.3	3 1.0 4.4	3 1.0 5.0	3 1.0 4.2	3 0.8 4.2	3 1.3 4.6	3 1.1 4.7	3 1.1 5.0	3 0.9 4.0
25	3 0.7 4.1	3 0.8 4.1	3 0.7 4.0	3 0.6 4.8	3 0.8 4.2	3 0.6 4.3	3 0.6 4.6	3 0.6 5.0	3 0.8 4.5	3 0.7 4.8	3 0.8 4.7	3 0.7 4.4
26	3 0.7 5.2	3 0.9 4.3	3 1.3 4.1	3 1.2 3.8	3 0.8 4.8	3 1.0 4.2	3 1.1 3.7	3 1.1 3.8	3 0.8 5.0	3 1.1 4.8	3 1.2 3.8	3 1.2 3.6
27	3 1.2 4.2	3 0.8 4.6	3 1.1 4.3	3 1.0 4.8	3 1.3 4.0	3 1.4 4.2	3 1.1 4.6	3 1.0 4.5	3 1.5 4.8	3 1.2 4.3	3 1.3 4.2	3 1.5 4.8
28	1 1.0 4.1	1 1.2 4.8	1 1.6 5.0	1 1.3 4.8	1 1.3 4.3	1 1.1 4.4	1 1.8 5.0	1 1.3 4.7	1 1.5 4.6	1 1.5 4.8	1 1.6 5.0	1 1.3 4.9
29	2 0.7 4.6	2 0.5 4.5	2 0.4 4.2	2 0.7 4.1	2 0.6 5.2	2 0.6 4.9	2 0.5 4.5	2 0.6 4.6	1 1.1 4.8	1 0.7 4.9	2 0.5 4.5	1 0.7 5.0
30	2 0.8 4.4	3 1.2 4.6	3 1.5 4.1	3 1.6 4.5	2 0.8 4.8	2 1.1 5.0	3 1.5 4.6	3 1.3 4.8	1 1.1 4.7	1 1.5 4.8	3 1.8 4.2	3 1.5 4.5
31	3 1.4 4.1	3 1.6 5.3	3 1.0 4.4	3 1.1 4.2	3 1.6 5.2	3 1.5 5.0	3 1.1 4.0	3 1.0 4.8	3 1.6 5.0	3 1.3 4.3	3 1.1 5.0	3 1.3 4.2