No. 4 **July–Dec. 1958**

GEODÆTISK INSTITUT

Proviantgården · Copenhagen · Denmark

Bulletin of the seismological station

NORD

$\varphi = 81°36'$ N. $\lambda = 16°41'$ W. $h = 35$ m.

Lithologic foundation: calcareous greywacke

Instruments

Willmore. *Z*. $T_p = 1$ sec, $T_g = {}^1/_4$ sec. No attenuation.

Strobach. *N* and *E*. $T = 6$ sec, $v = 15:1$, $V_0 = 500$. (Belongs to Geophysikalisches Institut, Hamburg.)

In the period october 10—14 the Willmore seismograph has been run as *E*—*W* component. The readings are marked by *E'*.

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. For *N* and *E* the amplitudes given are single ground amplitudes. For *Z* trace amplitudes are given. + indicates ground motion towards the north, towards the east, or upwards. — indicates the opposite direction.

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.

July
1 *Z* 00h56m.9
59.2

1 *eP·Z* 06 01 38
$\Delta = 47°$. Aleutians.

2 *e·Z* 08 43 39

2 *e·Z* 12 09 05

3 *ePKP·Z* 06 46 06 2s.
$\Delta = 127°$. $h = 400$ km. Kermadec Islands.

3 *ePKP·Z* 10 42 50 in the time break.
$\Delta = 146°$. South Pacific Ocean.

3 *iP·Z* 12 56 20 –
ipP·Z 57 31 –
$\Delta = 50°$. $h = 400$ km. Sea of Okhotsk.

3 *i·Z* 18 59 52

3 *iP·Z* 19 12 17
$\Delta = 76°$. El Salvador.

5 *e·Z* 19 08 54
Near.

6 *i·Z* 02 36 16
i·Z 36 18
Near.

6 *iP·Z* 04 48 56 –
$\Delta = 43°$. Alaska.

7 *eP·Z* 05 24 46
$\Delta = 48°$. Aleutians.

7 *iP·Z* 10 54 16

8 *e·Z* 06 44 17
Z 44 37 1.6 mm.
Near.

8 *Z* 13 06 58
Near.

9 *eP·Z* 15 23 40 –

9 *iP·Z* 15 29 47
i·Z 29 51
$\Delta = 74°$. $h = 100$ km. Guatemala.

10 *e·Z* 06 23 01
iP·ZNE 23 04 *Z*: – 0.7 mm.
The following is masked by great amplitudes.
$\Delta = 37°$. Alaska.

July
10 *eP·Z* 07h51m50s

10 *eP·Z* 12 33 36
L·NE 50
Alaska aftershock?

11 *e·Z* 14 31 00
Near.

11 *e·Z* 01 02 56
Near.

11 *e·Z* 18 14 29
Near.

12 *iP·Z* 22 54 21 track disappear.
e(S)·NE 54 32
L·E 55

13 *L·NE* 08 29
LR·E 33.5

13 *iP·Z* 15 39 07
$\Delta = 69°$. India-Burma border.

14 *iP·Z* 18 13 47
L·NE 14

15 *iZ* 08 08 01
$\Delta = 48°$. Crete.

15 *e·Z* 10 07 14
e·Z 07 50

15 *iP·Z* 14 13 43
Near.

15 *iP·Z* 19 38 58
Near.

16 *iP·Z* 19 01 46
Near.

17 *iZ* 03 04 25

17 *eP·Z* 05 45 10
$\Delta = 44°$. Greece.

17 *e(S)·NE* 14 09.5
L·E 12

17 *e·Z* 18 16 56
Near.

17 *eP·Z* 21 07 53
$\Delta = 48°$. Aleutians.

July				
17	$i \cdot Z$	$21^h19^m29^s$		
	Near.			
18	$eScP \cdot Z$	00 53 44		
	$L \cdot NE$	58		
	$\Delta = 47°$. Aleutians.			
18	$iP \cdot Z$	02 00 16	–	
	$\Delta = 90°$. Ecuador.			
18	$e \cdot Z$	16 51 21		
	Near.			
18	$i \cdot Z$	17 48 33		
19	$iP \cdot Z$	15 07 12	+	
	$\Delta = 57°$. Japan.			
19	$eP \cdot Z$	18 30 26		
	$e \cdot Z$	34 44		
	$eSS \cdot NE$	49 00		
	$\Delta = 97°$. Molucca Islands.			
21	$iP \cdot Z$	07 34 24	+	
	$ePcP \cdot Z$	35 28		
	$\Delta = 54°$. Kurile Islands.			
21	$iP \cdot ZNE$	14 45 49		
	$ePP \cdot N$	47 55		
	$iPPP \cdot N$	48 17		
	$iScP \cdot N$	51 17		
	$eS \cdot NE$	52 47		in the time break.
	$eSS \cdot N$	56 27		
	$\Delta = 47°$. Aleutians.			
22	$e \cdot Z$	16 09 31		
23	$i \cdot Z$	02 35 19		
	Near.			
23	$eP \cdot Z$	10 38 14		
	$eS \cdot E$	47 04		
	$\Delta = 67°$. Japan.			
24	$eP \cdot Z$	13 16 26		
	$\Delta = 46°$. Aleutians.			
26	$i \cdot Z$	11 48 55		
	Near.			
26	$iP \cdot Z$	17 49 45	–	
	$iPP \cdot NE$	53 48		
	$iSKS \cdot NE$	59 30		
	$isSKS \cdot E$	18 02 04		
	$iPS \cdot NE$	02 50		
	$e \cdot Z$	35 25		
	$\Delta = 98°$. $h = 650$ km. Peru-Bolivia border.			

July			
27	$iP \cdot Z$	$07^h43^m02^s$	
27	$eP \cdot Z$	18 36 15	
	$\Delta = 28°$. Atlantic Ocean.		
28	$e \cdot Z$	19 46 17	
	Near.		
August			
2	$e \cdot Z$	12 27 26	
	Near.		
3	$iP \cdot ZNE$	06 32 29	Z: track disappeared.
	$i(S) \cdot NE$	32 50	
	$i \cdot NE$	32 59	E: 12^s.
	$i \cdot E$	33 12	3^s.
	$i \cdot N$	33 28	6^s.
3	$i \cdot Z$	13 33 18	
	Near.		
4	$e \cdot Z$	02 57 19	
4	Z	11 19 43	
	Z	13 29 59	
	Z	16 42 52	
	Nears.		
4	$iP \cdot Z$	17 57 59	
	$\Delta = 55°$. Kurile Islands.		
5	$i \cdot Z$	01 05 19	
	Near.		
6	$i \cdot Z$	06 43 21	
	Near.		
11	$i \cdot Z$	07 02 23	
	Near.		
12	$i \cdot Z$	03 27 05	
	Near.		
12	$eP \cdot Z$	19 38 37	
	$iPP \cdot ZNE$	42 42	
	$eS \cdot NE$	49 54	
	$\Delta = 97°$. Molucca Passage.		
12	$i \cdot Z$	23 02 27	
	Near.		
12	$i \cdot Z$	23 05 31	
	Near.		
13	$iP \cdot Z$	04 04 05	
	$\Delta = 96°$. Molucca Passage.		

August				
13	$iP \cdot Z$	$07^h42^m53^s$		
	$\Delta = 53°$. Afghanistan			
13	$eP \cdot Z$	20 21 38		
	$\Delta = 48°$. Aleutians.			
14	$iP \cdot Z$	11 36 17	+	
	$eS \cdot E$	43 43		
	$eSS \cdot N$	48 33		
	$\Delta = 52°$. Iran.			
14	$iP \cdot ZN$	15 03 40	+	
	$iPPP \cdot N$	05 58		
	$eScP \cdot Z(N)$	09 07	Z: −, N: +.	
	$e(S) \cdot N$	10 56	16^s, 13 μ.	
	$\Delta = 46°$. Aleutians.			
14	$eP \cdot Z$	15 26 39		
	$\Delta = 47°$. Aleutians.			
14	$iP \cdot Z$	15 35 36		
	$\Delta = 52°$. Iran.			
14	$i \cdot Z$	17 49 09		
	$i \cdot Z$	49 32		
	Near.			
15	Z	00 03 19		
	Near.			
15	$iP \cdot Z$	06 32 37	+	
	$\Delta = 79°$. Colombia.			
15	$i \cdot Z$	16 10 32	Seismic?	
15	$iP \cdot ZNE$	20 03 55		
	$iPPP \cdot Z$	06 29		
	$i! \cdot N$	06 57		
	$eS \cdot N$	10 38		
	$\Delta = 46°$. Kamchatka.			
15	$iP \cdot Z$	22 42 20	+	
	$ipP \cdot Z$	43 05	−	
	$iSKS \cdot NE$	52 39	− −	
	$iS \cdot N$	53 16		
	$isS \cdot N$	54 49		
	$i! \cdot NE$	56 12	+ +	
	$i \cdot E$	57 00		
	$\Delta = 95°$. $h = 200$ km. Celebes.			
16	$i(PKP) \cdot Z$	11 32 07		
	$i \cdot Z$	32 17		
	$\Delta = 122°$. Tonga Islands.			
16	$eP \cdot Z$	13 26 24		
	$eS \cdot N$	33 30		
	$\Delta = 47°$. Aleutians.			
August				
16	$i \cdot Z$	$14^h59^m44^s$		
	Near.			
16	$iP \cdot ZNE$	19 22 59		
	$e! \cdot Z$	23 02		
	$iPPP \cdot E$	25 59		
	$iS \cdot N$	30 27		
	$eSS \cdot E$	33 50		
	$L \cdot NE$	45		
	$\Delta = 53°$. Iran.			
17	$i \cdot Z$	16 04 56		
	Near.			
19	$iP \cdot Z$	00 02 52	−	
	$\Delta = 49°$. Crete.			
19	$eP \cdot Z$	16 14 48		
	$\Delta = 47°$. Aleutians.			
19	$eP \cdot Z$	16 37 54		
	$\Delta = 45°$. Kamchatka.			
20	$ePP \cdot N$	03 59 33		
	$\Delta = 112°$. New Hebrides Islands.			
21	$ei \cdot Z$	05 48 48		
	$e \cdot Z$	50 37		
21	$i \cdot Z$	20 06 57		
22	$iPKP \cdot Z$	00 20 41		
	$\Delta = 143°$. Indian Ocean.			
24	$i \cdot Z$	07 05 04		
24	$i \cdot Z$	08 12 16		
	Near?			
24	$i \cdot Z$	18 45 57		
	Near.			
25	$i \cdot Z$	09 33 35		
	$i \cdot Z$	35 29		
25	$iP \cdot Z$	15 38 23		
	Near.			
26	$e \cdot Z$	05 58 49		
26	$e \cdot Z$	06 39 16		
26	$e \cdot Z$	16 57 08		
27	$eP \cdot NE$	15 25 02	No Willmore record.	
	$iPPP \cdot NE$	27 30		
	$iS \cdot E$	31 42		
	$eSS \cdot NE$	35 00		
	$\Delta = 46°$. Greece.			

August

28 *iP·Z* 04h05m02s
Near.

28 *i·Z* 10 55 20

30 *eP·Z* 18 48 55
L·NE 19 11
$\Delta = 65°$. California.

31 *iP·Z* 02 16 26
iS·Z 16 54
Near.

31 *iP·ZNE* 23 06 52 *Z*: +
iPP·NE 07 50
iS·NE 12 10
i·E 12 50
L·NE 15
M·ZE 22 50 8s. *E*: 10 μ.
$\Delta = 33°$. Alaska.

September

1 *iP·Z* 15 38 58
$\Delta = 60°$. Japan.

2 *iP·Z* 01 21 48

3 *eP·Z* 03 56 45
eS·E 04 06 59
$\Delta = 82°$. Atlantic Ocean.

3 *eP·Z* 08 20 12
$\Delta = 58°$. Japan.

4 *iP·Z* 00 11 31
$\Delta = 47°$. Dodecanese Islands.

4 *iPKP·Z* 22 09 56
ePP·ZNE 11 12
iPS·E 20 59
eSS·NE 27 29
$\Delta = 118°$. Chile-Argentina border.

5 *iP·Z* 03 38 23
Near.

8 *iP·ZNE* 05 33 57
iPPP·N 36 26
eS·N 40 32
$\Delta = 46°$. Kamchatka.

8 *iP·Z* 15 03 40
$\Delta = 64°$. Japan.

10 *i·Z* 20 29 37
Near.

September

14 *iP·Z* 14h29m16s
iPP·Z 30 53
eS·E 44 25
$\Delta = 40°$. Siberia.

15 *i·Z* 02 55 42
Near.

15 *iP·Z* 19 57 56 +
i·E 58 42
iSKS·E 20 07 28
eS·E 08 00
e·E 08 55
eSS·E 14 52
$\Delta = 94°$. $h = 600$ km. Celebes.

18 *i·Z* 05 29 16
Near.

18 *iP·Z* 21 02 12 +
$\Delta = 53°$. Hindu Kush.

18 *iP·Z* 21 38 06
$\Delta = 96°$. Peru.

20 *eP·Z* 05 29 03
$\Delta = 74°$. Vietnam.

20 *i·Z* 05 39 17
Near.

20 *iP·Z* 10 44 55
$\Delta = 68°$. Atlantic Ocean.

20 *e(P)·Z* 17 35 41
Fiji Islands?

21 *iP·Z* 05 55 18
$\Delta = 60°$. Japan.

21 *e·Z* 06 09 07

21 *eP·Z* 16 14 53
Greece?

22 *i!·Z* 08 42 55 –

22 *iP·Z* 08 48 00
$\Delta = 70°$. $h = 400$ km. Bonin Islands.

22 *i·Z* 14 05 40
Near.

22 *ePKP·Z* 19 24 56
ePKS·ZNE 28 20
$\Delta = 132°$. Kermadec Islands region.

September

23 *e·Z* 02h44m28s
Near.

24 *eP·Z* 03 51 20
ePcP·E 53 46
eS·N 57 22
M·N 04 07 8s; 20 μ.
Δ = 37°. Alaska.

25 *iP·Z* 07 03 04 +
iPcP·Z 04 07
Δ = 53°. Hindu Kush.

25 *eP·Z* 07 31 38
eS·NE 41 17
eScS·E 41 53
eSS·E 45 57
Δ = 74°. Atlantic Ocean.

28 *i·Z* 08 58 01
Near.

28 *iP·Z* 18 16 27 +

30 *L·NE* 08 00.5

30 *eP·Z* 09 58 57
ePP·Z 59 04
M·NE 10 06 *E*: 15s; 8 μ.
Δ = 15°. Novaya Zemlya.

30 *e·Z* 15 21 21

October

1 *eP·Z* 16 46 05
iS·Z 48 02
Δ = 11°. Jan Mayen region.

1 *iP·Z* 17 55 32 –
i·Z 54 45
Δ = 45°. Aleutians.

2 *eP·Z* 14 32 25
eS·Z 34 11
Δ = 10°. Jan Mayen region.

2 *eP·Z* 15 13 48
Δ = 90°. Mindanao.

2 *eS·Z* 22 25 17
Δ = 10°. Jan Mayen region.

3 *i·Z* 00 32 17
Near or Jan Mayen region.

3 *eP·Z* 00 42 32
Δ = 83°. Philippines.

3 *e·Z* 04 28 40
Near.

October

3 *e·Z* 06h53m28s
Near.

3 *i·Z* 07 29 40
i·Z 30 25
Greenland Sea (from Isfjord).

5 *ei·Z* 16 07 49

6 *e·Z* 00 01 28
Near.

6 *e·Z* 00 23 36

6 *e·Z* 00 31 31

6 *ePKP·Z* 01 06 02
ePP·Z 08 59
Δ = 131°. *h* = 250 km. Kermadec Islands.

6 *e·Z* 04 50 29
e·Z 52 41
Jan Mayen?

6 *e(P)·Z* 05 24 41
e(PP)·Z 25 04
i(S)·Z 26 50
Jan Mayen?

6 *e·Z* 07 27 29

6 *iP·Z* 09 38 22
Δ = 50°. Iran.

6 *e·Z* 15 41 26

6 *i·Z* 15 58 06

6 *iP·Z* 18 46 11
i(S)·Z 47 51
Near?

6 *iP·Z* 19 00 44 +
Δ = 42°. Kamchatka.

8 *iP·Z* 04 38 51
i!·Z 38 53
i·Z 39 02
Very near.

9 *ePKP·Z* 11 39 40
Δ = 137°. Sandwich Group.

9 *iP·Z* 13 40 28
Δ = 49°. Crete.

October

10 $iP \cdot E'$ 08h38m37s +
$\Delta = 45°$. Kamchatka.

10 $iP \cdot E'$ 09 27 23
Tibet-India border.

12 $L \cdot NE$ 08 05
Novaya Zemlya.

12 $i \cdot E'$ 10 50 28
Near.

12 $iP \cdot E'$ 15 29 25
$\Delta = 70°$. China Sea.

13 $i \cdot E'$ 02 00 15
Near.

13 $eP \cdot E'$ 09 07 04
$\Delta = 50°$. Kirghiz SSR.

14 $eP \cdot E'$ 09 14 50
$\Delta = 47°$. Kamchatka.

14 $e \cdot E'$ 10 08 14

14 $e \cdot E'$ 11 47 22

14 $e \cdot E'$ 12 09 22

14 $e \cdot E'$ 12 25 02

14 $e \cdot E'$ 12 54 27

14 $e \cdot E'$ 13 44 27

14 $e \cdot E'$ 14 47 53

14 $e \cdot E'$ 14 56 24

14 $e \cdot E'$ 16 04 13

14 $e \cdot E'$ 17 26 32

14 $eP \cdot Z$ 21 15 13
$\Delta = 64°$. Japan.

16 $e \cdot Z$ 01 31 56
Near.

16 $iP \cdot Z$ 12 03 50 +
$\Delta = 71°$. Burma.

17 $i \cdot ZNE$ 23 19 53
Near.

18 $L \cdot NE$ 10 02
Novaya Zemlya.

October

19 $i \cdot Z$ 05h27m39s
$i \cdot Z$ 28 29
Near?

20 $eP \cdot Z$ 01 03 58
$\Delta = 46°$. Aleutians.

20 $iP \cdot Z$ 01 26 37
$ePP \cdot Z$ 30 54
$\Delta = 105°$. Java.

21 $i \cdot Z$ 09 52 32

22 $L \cdot NE$ 08 32
Novaya Zemlya.

22 $e \cdot Z$ 12 57 53

23 $iP \cdot Z$ 06 50 22
$\Delta = 46°$. Greece.

23 $e \cdot Z$ 09 47 57

23 $iP \cdot Z$ 15 52 14
$\Delta = 52°$. Iran.

24 $iP \cdot Z$ 06 12 15 + or *PKP*.
$i(pP) \cdot Z$ 12 33 or *pPKP*.

24 $L \cdot E$ 08 15
Novaya Zemlya.

26 $iP \cdot Z$ 06 40 39
$iS \cdot Z$ 41 08 10 mm.
Near.

26 $iP \cdot Z$ 19 51 06
$iS \cdot Z$ 51 27 10 mm.
Near.

27 $i \cdot Z$ 07 55 15
Greenland Sea (from Isfjord).

28 $i \cdot Z$ 05 04 27
Near.

28 $iP \cdot Z$ 10 56 49
$i!P \cdot Z$ 56 55
$eS \cdot NE$ 11 05 15
$\Delta = 62°$. Southern Tibet.

28 $iP \cdot Z$ 23 58 41
$\Delta = 47°$. Aleutians.

29 $i \cdot Z$ 07 11 56

October

29	$iP \cdot Z$	$07^h52^m44^s$	+	
	$ePcS \cdot Z$	58 09		
	$eS \cdot NE$	59 32		
	$eScS \cdot E$	08 02 34		
	$eSSS \cdot E$	03 28		
	$L \cdot E$	08		30^s; 100 μ.
	$\Delta = 47°$. Aleutians.			
29	$iP \cdot Z$	08 03 49		
	$\Delta = 47°$. Aleutians.			
29	$iP \cdot Z$	08 14 52		
	$\Delta = 47°$. Aleutians.			
30	$i \cdot Z$	11 28 25		
	Near.			
30	$i \cdot Z$	11 53 42		
	Near.			
30	$i \cdot Z$	16 36 47		
	Near.			
31	$i \cdot Z$	03 44 32		
	$i \cdot Z$	46 57		
31	$i \cdot Z$	03 59 01		
	$e \cdot NE$	59 07		E: 2^s; 1 μ.
	Near.			
31	$i \cdot Z$	07 08 49		
	Near.			
31	$i \cdot Z$	08 33 22		
	Near.			
31	$i \cdot Z$	09 44 00		
	Near.			
31	$e \cdot Z$	16 15 27		
	Near.			
31	$iP \cdot Z$	23 50 43	+	
	$iPcP \cdot Z$	51 02	+	
	$\Delta = 72°$. Formosa.			

November

1	$i \cdot Z$	01 30 47		
	Near.			
1	$e \cdot Z$	03 07 53		
	Near.			
1	$ePS \cdot E$	04 05 49		
	$\Delta = 101°$. Bismarck Sea.			
1	$i \cdot Z$	21 33 50		
	Near.			

November

2	$i(P) \cdot Z$	$03^h21^m19^s$	+	2 mm.
	$i(S) \cdot NE$	21 50		
	$i(L) \cdot NE$	21 59		Z: 25 mm; E: 10 μ.
	Near.			
2	$i \cdot Z$	07 20 45		
	Near.			
2	$iP \cdot Z$	10 53 17	–	
	$\Delta = 47°$. Aleutians.			
2	$i \cdot Z$	18 27 56		
	$M \cdot Z$	28 45		6 mm.
	Near.			
3	$iP \cdot Z$	14 41 57	–	
	$\Delta = 62°$. Tibet.			
4	$eP \cdot Z$	08 39 42	+	
	$\Delta = 70°$. Bonin Islands.			
4	$eP \cdot Z$	08 42 13	–	
	$\Delta = 70°$. Bonin Islands.			
4	$iP \cdot Z$	09 28 31	+	
	$\Delta = 78°$. $h = 150$ km. Colombia.			
5	$iP \cdot Z$	15 54 47	+	
	$\Delta = 39°$. Kodiak Island.			
6	$iP \cdot ZNE$	23 07 28		Z: +1.7mm; N: -20μ; E: -10μ.
	$eS \cdot NE$	14 55		
	M	32		15^s; Z: 3mm; N, E: 600μ.
	$\Delta = 54°$. $h = 100$ km. Kurile Islands.			
7	$iP \cdot Z$	00 45 41		
	$iPcP \cdot Z$	46 47		
7	$iP \cdot Z$	00 47 17		
7	$iP \cdot Z$	01 11 26		
7	$iP \cdot Z$	01 52 23		
7	$iP \cdot Z$	02 05 00		
7	$iP \cdot Z$	02 19 40		
7	$iP \cdot Z$	05 09 16		
7	$iP \cdot Z$	07 50 02		
	Repetitions.			
8	$iP \cdot ZNE$	09 31 25		
	$eS \cdot E$	38 30		
	$\Delta = 46°$. Kamchatka.			
8	$i \cdot Z$	11 18 08		
	Near.			
8	$iP \cdot Z$	12 17 57		
	$\Delta = 54°$. Kurile Islands.			

November
9 $i \cdot Z$ $20^h02^m22^s$
Near.

10 $eiP \cdot Z$ 03 42 29
$\Delta = 4°$. Greenland Sea (from Isfjord).

10 $iP \cdot Z$ 08 00 12
Very near.

12 $eP \cdot Z$ 06 20 57
$\Delta = 76°$. Venezuela.

12 $iP \cdot Z$ 11 33 33
$e \cdot NE$ 39 49 Z: 20 mm; E: 1.5 μ.
Near.

13 $eP \cdot Z$ 09 18 06
$\Delta = 76°$. Venezuela.

13 $iP \cdot Z$ 10 41 40
$e \cdot Z$ 43 32

13 $iP \cdot Z$ 12 51 50
Near.

13 $iP \cdot Z$ 16 28 57 –
$\Delta = 84°$. Nicobar Islands.

14 $eP \cdot Z$ 14 02 22
$\Delta = 103°$. Banda Sea.

14 $i \cdot Z$ 16 27 34
Near.

15 $iP \cdot Z$ 05 51 06
$\Delta = 47°$. Greece.

15 $eP \cdot Z$ 09 10 11
$i \cdot Z$ 10 13
$\Delta = 54°$. Kurile Islands.

16 $eP \cdot Z$ 09 24 34
Near.

17 $e \cdot Z$ 13 10 05

19 $iP \cdot Z$ 09 33 14
$\Delta = 54°$. Kurile Islands.

19 $iP \cdot Z$ 15 09 14
$\Delta = 36°$. Alaska.

20 $eP \cdot Z$ 05 45 05
$\Delta = 47°$. Kamchatka.

22 $iP \cdot Z$ 20 59 56
$i \cdot Z$ 21 01 54
Jan Mayen?

November
23 $i \cdot Z$ $21^h42^m42^s$
Near.

24 $e \cdot PKP$ 07 08 30
$\Delta = 141°$. Drake Passage.

26 $iP \cdot Z$ 19 20 55
Near.

26 $e \cdot Z$ 22 09 30 2^s.
Arctic Ocean? (BCIS).

27 $iP \cdot Z$ 02 53 31
Near.

27 $e \cdot Z$ 17 13 56
Near.

29 $e \cdot Z$ 04 04 14
Near.

30 $iP \cdot Z$ 01 43 30
$\Delta = 66°$. Japan.

30 $e \cdot Z$ 16 04 50
Near.

December.
1 $L \cdot N$ 03 54
California?

1 $i \cdot Z$ 09 48 59
Near.

2 $e \cdot Z$ 08 57 48
Near.

2 $i \cdot Z$ 09 01 21
Near.

2 $iP \cdot Z$ 19 57 12

4 $i \cdot Z$ 01 09 44
Near.

4 $i \cdot Z$ 14 51 50
Very near.

6 $eP \cdot Z$ 09 46 00
$\Delta = 80°$. Panama.

7 $iP \cdot Z$ 01 21 03
$\Delta = 76°$. Formosa.

7 $eP \cdot Z$ 02 59 07
$\Delta = 93°$. Talaud Islands.

December.				
7	*eP·Z*	18h09m28s		
	L·NE	37		
	Δ = 72°. Mexico.			
8	*eP·Z*	12 17 46		
	Δ = 54°. Kurile Islands.			
9	*iP·Z*	09 03 10	–	
	Δ = 48°. Rhodes.			
9	*iP·Z*	20 50 22		
	Δ = 47°. Dodecanese Islands.			
10	*iP·Z*	02 49 36	+	
	i·ZN	49 58	*Z*: 6 mm.	
	Near.			
10	*iP·Z*	03 52 56	+	
	Δ = 53°. Hindu Kush.			
10	*ePKP·Z*	07 21 28		
	ePP·Z	24 22		
	Δ = 135°. New Zealand.			
10	*iP·Z*	14 51 49	+	
	Δ = 88°. Mindanao.			
10	*eP·Z*	22 00 13	?	
	L·NE	22		
	M·E	29	12s, 25 *μ*.	
	Δ = 66°. California. (Above normal?)			
11	*i·Z*	19 28 50		
	Near.			
11	*eP·Z*	21 38 17		
13	*i·Z*	00 27 46		
	Near			
14	*iP·Z*	23 16 06	+	
	i(S)·NE	16 36	*Z*: 20 mm; *N*, *E*: 6 *μ*.	
	Near.			
15	*e·Z*	00 45 06		
15	*e·Z*	07 30 32		
16	*e·Z*	10 46 49		
	Near?			
17	*iP·Z*	02 33 54		
	Δ = 42°. Alaska.			
December.				
20	*eP·Z*	19h31m48s		
	Δ = 69°. Ryukyu Islands.			
21	*iP·ZNE*	05 55 03		
	iPP·E	56 53		
	iPPP·N	57 42		
	eS·NE	06 01 53		
	M·E	19	14s, 20 *μ*.	
	Δ = 48°. China.			
22	*eP·Z*	03 24 50		
	Δ = 50°. Crete.			
22	*eP·Z*	06 53 21		
	Near?			
22	*i·Z*	09 56 32		
22	*e·Z*	21 54 41		
23	*e·Z*	06 38 49		
23	*eP·Z*	06 39 48		
	Δ = 84°. Colombia.			
24	*i·Z*	01 36 08		
	i·Z	36 38		
	Near.			
24	*i·Z*	05 02 37		
24	*iP·Z*	07 25 59	+	
	Δ = 49°. Turkey.			
27	*i·Z*	06 10 33		
28	*eP·Z*	05 25 03		
	Δ = 76°. Venezuela.			
28	*iP·Z*	05 44 57	+	
	Δ = 62°. Nepal-India border.			
28	*iP·ZNE*	11 49 29		
	iPP·Z	49 30	6 mm.	
	iS·ZNE	51 22		
	iSS·NE	51 25	*Z*: 20 mm; *N*, *E*: 2 *μ*.	
	Δ = 11°. Jan Mayen.			
28	*e·Z*	16 30 04		
	Near.			
31	*i·Z*	19 21 53		
	L·NE	23		

February 1960. JØRGEN HJELME

Microseisms. Nord

1958 July	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1958 July
1	2 0.2 4.9	.. ..	.. ..	2 0.2 4.8	2 0.2 4.6	2 0.2 4.3	3 0.2 5.–	2 0.2 4.6	1
2	.. ..	2 0.1 4.0	2 0.1 4.4	2 0.1 4.6	.. ..	2 0.1 4.6	2 0.1 4.2	2 0.1 4.4	2
3	2 0.1 4.0	2 0.1 4.–	.. ..	.. ..	2 0.1 4.6	2 0.1 4.–	2 0.1 4.0	2 0.1 5.0	3
4	2 0.1 4.3	2 0.1 4.0	2 0.1 4.4	2 0.1 4.7	2 0.1 4.4	2 0.1 4.5	2 0.1 4.4	2 0.1 4.7	4
5	2 0.1 5.0	2 0.1 4.8	2 0.1 4.4	2 0.1 4.4	2 0.1 4.5	2 0.1 4.4	2 0.1 4.0	2 0.1 4.4	5
6	2 0.1 4.1	2 0.2 3.9	2 0.1 3.8	2 0.1 4.–	2 0.2 3.9	2 0.1 3.9	2 0.2 3.9	2 0.2 4.0	6
7	2 0.1 4.2	2 0.1 4.5	2 0.1 4.6	2 0.1 4.6	2 0.1 4.–	2 0.1 4.3	2 0.1 4.9	2 0.1 4.7	7
8	2 0.1 4.6	2 0.1 4.7	2 0.1 4.6	2 0.1 4.8	2 0.1 4.4	2 0.2 5.3	3 0.1 5.–	2 0.1 4.–	8
9	2 0.2 4.8	2 0.1 4.9	2 0.2 4.7	2 0.2 4.4	2 0.2 4.1	2 0.1 4.6	2 0.2 4.6	2 0.1 4.6	9
10	2 0.1 4.2	2 0.1 4.6	2 0.1 4.6	2 0.1 4.8	2 0.2 4.0	2 0.1 4.4	2 0.1 4.1	2 0.1 4.7	10
11	2 0.1 4.8	2 0.1 4.8	2 0.1 4.7	2 0.1 4.8	2 0.1 5.0	2 0.1 4.4	2 0.1 4.9	2 0.1 5.0	11
12	2 0.1 4.7	2 0.1 4.6	2 0.1 4.6	2 0.1 4.7	2 0.1 4.7	2 0.1 4.5	2 0.1 4.9	2 0.1 4.6	12
13	2 0.1 4.7	2 0.1 4.7	2 0.1 4.9	2 0.1 5.0	2 0.1 5.–	2 0.1 4.5	2 0.1 4.6	2 0.2 4.2	13
14	2 0.1 4.7	2 0.1 4.6	2 0.1 4.8	2 0.1 4.6	2 0.2 4.4	2 0.2 4.8	2 0.1 4.6	2 0.1 4.5	14
15	2 0.1 4.5	2 0.1 4.5	2 0.1 4.0	2 0.1 4.6	2 0.1 4.4	2 0.1 4.7	2 0.1 5.–	2 0.1 4.7	15
16	2 0.1 4.8	2 0.1 4.7	2 0.1 4.7	2 0.2 4.8	.. ..	2 0.1 4.3	2 0.2 4.7	2 0.2 5.0	16
17	2 0.2 5.0	2 0.3 5.0	2 0.1 4.6	2 0.2 4.1	2 0.2 5.0	3 0.2 4.7	3 0.2 5.–	3 0.2 4.4	17
18	2 0.1 4.7	2 0.2 4.5	2 0.1 4.6	2 0.1 4.8	2 0.1 5.1	2 0.1 4.9	2 0.1 4.8	2 0.2 4.9	18
19	2 0.1 4.7	2 0.1 4.4	2 0.2 4.9	2 0.3 5.0	2 0.1 4.3	2 0.2 4.6	2 0.2 5.3	2 0.4 5.2	19
20	2 0.2 5.1	2 0.2 5.0	2 0.2 5.0	2 0.2 5.0	2 0.3 4.7	2 0.2 5.0	2 0.2 5.–	3 0.2 4.–	20
21	2 0.1 4.4	2 0.1 4.4	2 0.1 4.2	2 0.1 4.8	2 0.2 4.8	2 0.1 4.–	2 0.1 4.0	2 0.1 4.5	21
22	2 0.1 4.5	2 0.1 4.8	2 0.1 4.4	2 0.1 4.4	2 0.1 4.–	2 0.1 4.4	2 0.1 4.6	2 0.1 4.8	22
23	2 0.1 4.8	2 0.2 4.8	3 0.1 4.4	2 0.1 4.5	2 0.1 4.7	2 0.2 4.6	2 0.2 4.6	2 0.1 4.5	23
24	2 0.1 4.6	2 0.2 4.5	2 0.1 4.6	2 0.2 4.6	2 0.1 4.8	2 0.2 4.7	2 0.1 4.6	2 0.2 4.6	24
25	2 0.1 4.4	2 0.1 4.2	2 0.1 4.6	2 0.1 4.7	2 0.2 4.8	2 0.1 4.6	2 0.1 4.1	2 0.1 4.6	25
26	2 0.1 4.6	2 0.1 4.7	2 0.1 4.0	.. ..	2 0.1 4.5	2 0.1 4.6	2 0.1 4.5	.. ..	26
27	2 0.1 4.6	2 0.1 4.6	2 0.1 4.7	2 0.1 4.5	2 0.1 4.5	2 0.1 4.5	2 0.1 4.4	2 0.1 4.7	27
28	2 0.1 5.0	2 0.1 4.8	2 0.1 4.8	2 0.1 4.8	2 0.1 4.7	2 0.1 4.–	2 0.1 4.8	2 0.1 4.7	28
29	2 0.1 4.7	2 0.1 4.7	2 0.1 4.5	2 0.1 4.9	2 0.1 4.4	2 0.1 4.5	2 0.1 4.6	2 0.1 5.–	29
30	2 0.1 5.0	2 0.1 5.0	2 0.1 4.8	2 0.1 4.9	2 0.1 4.–	2 0.1 4.6	2 0.1 4.8	2 0.1 5.0	30
31	2 0.1 4.7	2 0.1 4.0	2 0.1 4.7	2 0.2 4.7	2 0.1 3.9	2 0.1 3.5	2 0.1 4.3	2 0.2 3.9	31
Aug.									Aug.
1	2 0.1 3.9	2 0.3 4.4	2 0.2 4.2	2 0.1 4.8	2 0.2 4.2	2 0.3 4.0	2 0.2 4.3	2 0.2 4.5	1
2	2 0.1 4.5	2 0.2 4.8	2 0.1 4.5	2 0.1 4.5	2 0.1 4.5	2 0.2 4.6	2 0.2 4.6	2 0.2 4.6	2
3	2 0.2 4.4	2 0.1 4.2	2 0.1 4.5	2 0.1 4.6	2 0.2 4.6	2 0.1 4.0	2 0.2 4.6	2 0.1 4.1	3
4	2 0.1 4.6	2 0.1 5.0	2 0.1 5.1	2 0.1 4.8	2 0.1 4.6	2 0.1 4.7	2 0.1 5.0	2 0.1 5.0	4
5	2 0.1 4.4	2 0.1 4.6	2 0.2 4.9	2 0.2 4.4	2 0.1 4.6	2 0.1 4.8	2 0.2 4.5	2 0.2 4.6	5
6	2 0.1 4.8	2 0.1 4.6	2 0.1 4.9	2 0.1 4.5	2 0.2 4.4	2 0.1 4.6	2 0.1 4.8	2 0.1 4.6	6
7	2 0.1 4.5	2 0.1 4.6	2 0.1 4.4	2 0.1 4.8	2 0.1 4.7	2 0.1 4.6	2 0.1 5.1	2 0.1 4.2	7
8	2 0.1 4.7	2 0.1 4.9	2 0.1 5.0	2 0.1 5.0	2 0.1 4.3	2 0.1 4.6	3 0.1 4.4	3 0.1 4.8	8
9	2 0.1 4.7	3 0.2 4.6	2 0.1 5.0	2 0.1 4.8	2 0.1 4.4	.. ..	2 0.1 4.7	2 0.1 4.0	9
10	3 0.1 4.6	3 0.2 3.9	2 0.1 4.0	2 0.1 4.9	.. ..	.. ..	2 0.1 4.4	2 0.1 4.8	10
11	3 0.1 4.8	2 0.1 5.0	2 0.2 4.9	2 0.2 4.9	.. ..	2 0.2 4.0	2 0.2 4.4	2 0.1 4.6	11
12	2 0.1 4.2	2 0.1 4.3	2 0.2 4.6	2 0.1 4.7	2 0.1 4.9	2 0.1 4.0	2 0.1 4.5	3 0.1 4.1	12
13	2 0.2 4.5	2 0.1 4.0	2 0.1 4.6	2 0.1 4.7	2 0.1 4.4	2 0.1 4.0	2 0.1 4.6	2 0.1 4.0	13
14	2 0.2 4.7	2 0.2 4.6	2 0.2 5.0	2 0.2 5.0	2 0.2 4.9	2 0.2 4.9	3 0.2 4.5	2 0.2 5.0	14
15	2 0.2 4.8	2 0.2 5.0	2 0.2 4.9	2 0.1 5.0	3 0.2 4.8	2 0.2 4.8	2 0.1 4.6	2 0.1 4.8	15
16	2 0.2 4.0	2 0.1 4.5	2 0.1 4.9	2 0.1 4.6	2 0.1 4.5	2 0.1 4.5	2 0.1 4.9	2 0.1 4.0	16
17	2 0.1 4.7	2 0.1 4.8	2 0.1 4.4	2 0.1 4.2	2 0.1 4.7	2 0.1 4.8	2 0.1 4.–	2 0.1 4.5	17
18	2 0.2 4.4	2 0.2 4.8	2 0.1 4.2	2 0.1 4.4	2 0.1 4.0	2 0.1 4.–	2 0.1 4.0	2 0.1 3.8	18
19	2 0.1 4.5	2 0.1 4.5	2 0.1 4.8	0.2	2 0.1 4.7	0.1	0.1	0.1	19
20	2 0.1 4.9	2 0.1 4.6	2 0.1 4.8	2 0.1 4.9	2 0.1 4.6	2 0.1 4.4	2 0.1 5.0	2 0.1 5.0	20
21	0.1	0.1	2 0.1 4.4	2 0.1 4.3	2 0.1 4.–	0.1	0.1	0.1	21
22	2 0.2 4.2	2 0.2 4.2	2 0.2 4.7	2 0.3 4.1	2 0.2 4.0	2 0.2 4.5	2 0.2 4.7	2 0.2 4.6	22
23	2 0.2 4.7	2 0.2 5.0	2 0.2 4.8	2 0.2 5.1	2 0.2 4.5	2 0.2 4.9	2 0.4 5.2	2 0.2 5.0	23
24	2 0.1 4.2	2 0.2 4.9	2 0.3 4.2	2 0.2 4.3	2 0.2 4.5	2 0.2 4.7	2 0.2 4.6	2 0.2 3.9	24

Microseisms. Nord

1958	*N*				*E*				1958
Aug.	0h	6h	12h	18h	0h	6h	12h	18h	Aug.
25	2 0.2 4.6	2 0.2 4.6	2 0.1 4.4	2 0.1 5.0	2 0.2 4.6	2 0.1 4.6	2 0.1 4.0	2 0.1 4.4	25
26	2 0.1 4.3	2 0.1 4.4	2 0.1 4.4	2 0.1 4.8	2 0.1 3.8	2 0.1 4.5	2 0.1 4.7	2 0.2 4.6	26
27	2 0.1 3.9	2 0.1 4.0	2 0.1 4.5	2 0.1 4.2	2 0.1 4.0	2 0.2 4.1	2 0.2 4.2	.. ..	27
28	3 0.2 4.0	2 0.2 4.5	2 0.3 4.8	2 0.2 4.8	.. ..	2 0.2 4.7	.. ..	2 0.2 4.5	28
29	2 0.2 4.8	2 0.2 4.5	2 0.2 4.7	2 0.2 4.6	3 0.3 5.–	2 0.2 4.6	2 0.3 4.8	2 0.2 5.3	29
30	2 0.2 4.2	2 0.2 4.0	2 0.2 4.9	2 0.1 4.6	2 0.3 5.–	2 0.3 4.–	2 0.2 4.2	2 0.2 4.2	30
31	2 0.2 4.4	2 0.1 4.8	2 0.1 5.0	2 0.1 5.0	2 0.2 4.4	2 0.2 4.6	2 0.2 4.5	2 0.1 4.7	31
Sept.									Sept.
1	2 0.1 4.6	2 0.1 4.6	2 0.1 4.8	2 0.1 5.0	2 0.1 4.3	2 0.2 3.7	2 0.1 3.9	2 0.1 4.5	1
2	0.1	2 0.1 5.0	0.1	2 0.1 4.6	0.1	0.1	2 0.1 4.–	2 0.1 4.6	2
3	2 0.2 4.2	2 0.2 4.6	2 0.2 4.6	2 0.2 4.4	2 0.2 4.7	2 0.3 4.4	2 0.3 4.2	2 0.2 4.6	3
4	2 0.2 4.3	2 0.2 4.3	2 0.3 4.0	2 0.2 4.3	2 0.2 4.4	2 0.3 4.4	2 0.3 4.3	2 0.2 4.2	4
5	2 0.2 4.7	2 0.2 4.8	2 0.2 4.7	2 0.1 4.9	2 0.1 4.0	2 0.2 4.9	2 0.2 4.8	2 0.1 4.4	5
6	2 0.1 5.1	2 0.1 4.8	2 0.1 4.8	2 0.1 4.8	2 0.1 4.6	2 0.1 4.7	2 0.1 4.3	2 0.1 4.8	6
7	2 0.2 4.3	2 0.3 4.7	2 0.3 4.3	2 0.2 4.1	2 0.2 4.5	2 0.2 4.4	2 0.2 4.6	2 0.2 3.9	7
8	2 0.2 4.0	2 0.1 4.5	2 0.1 4.6	2 0.1 4.9	2 0.2 4.1	2 0.1 4.1	2 0.1 4.4	2 0.1 4.8	8
9	2 0.1 4.7	2 0.1 4.8	2 0.1 5.1	2 0.1 4.8	2 0.1 4.8	3 0.2 4.7	3 0.2 4.4	2 0.1 4.8	9
10	2 0.1 4.9	2 0.2 4.9	2 0.2 4.8	2 0.3 4.3	2 0.1 4.8	3 0.2 5.1	2 0.2 4.9	2 0.4 4.6	10
11	2 0.7 4.6	2 0.6 5.0	2 0.6 4.8	2 0.4 5.1	2 0.6 4.6	2 0.4 5.0	2 0.6 5.0	2 0.6 4.8	11
12	2 0.3 4.0	2 0.2 4.6	2 0.2 4.5	2 0.1 4.6	2 0.2 4.4	2 0.2 4.6	2 0.2 3.9	2 0.2 4.6	12
13	2 0.1 4.6	2 0.1 4.0	2 0.3 5.0	2 0.6 5.0	2 0.1 4.6	2 0.1 5.0	2 0.3 4.5	2 0.6 5.1	13
14	2 1.0 5.3	1 1.7 5.3	1 1.7 5.3	1 1.8 5.9	1 1.2 5.5	1 1.8 5.8	1 1.9 6.0	1 1.6 5.2	14
15	1 1.3 5.4	2 0.7 5.3	2 0.6 4.7	.. ..	2 0.8 5.7	3 0.7 4.5	2 0.4 4.8	2 0.2 4.4	15
16	3 0.2 4.2	3 0.2 4.0	2 0.2 4.0	2 0.2 4.0	2 0.6 5.0	.. ..	2 0.2 3.5	2 0.2 3.7	16
17	2 0.7 5.0	3 0.8 5.6	3 1.3 6.1	.. ..	2 0.7 4.6	2 1.2 5.5	3 1.6 6.0	3 1.5 7.0	17
18	1 1.3 6.0	1 1.7 6.3	2 1.1 5.2	2 0.8 4.8	2 2.1 5.8	2 1.2 6.0	2 1.6 6.0	2 1.0 4.8	18
19	2 0.4 5.–	2 0.5 5.3	2 0.4 5.4	2 0.4 5.7	.. ..	.. ..	.. ..	.. ..	19
20	2 0.5 5.0	2 0.3 4.7	2 0.2 5.0	2 0.2 4.7	.. ..	2 0.3 4.6	2 0.3 4.7	2 0.2 4.5	20
21	2 0.2 4.8	3 0.2 3.5	2 0.2 4.3	2 0.2 4.0	2 0.2 4.–	3 0.2 3.–	2 0.2 4.0	2 0.2 4.0	21
22	2 0.2 3.6	2 0.2 3.8	2 0.2 4.0	2 0.2 4.7	2 0.2 4.0	2 0.2 4.0	2 0.2 4.1	2 0.2 4.1	22
23	2 0.2 4.6	3 0.2 5.–	2 0.4 5.6	2 0.2 5.2	2 0.2 4.3	2 0.2 4.5	3 0.3 3.7	3 0.3 4.6	23
24	3 0.4 5.–	3 0.3 6.–	3 0.3 6.–	3 0.2 5.–	2 0.2 4.0	2 0.2 4.8	2 0.2 4.0	2 0.2 3.7	24
25	2 0.2 4.8	2 0.2 4.8	2 0.2 4.6	2 0.2 4.0	2 0.2 4.0	2 0.2 3.5	2 0.1 3.6	2 0.2 4.–	25
26	2 0.2 4.5	3 0.2 3.1	3 0.1 4.8	2 0.1 3.9	.. ..	.. ..	3 0.2 4.0	2 0.2 3.7	26
27	2 0.3 3.9	2 0.4 4.5	2 0.7 4.7	2 0.6 4.9	2 0.3 4.7	2 0.6 4.8	2 0.6 4.9	2 0.4 4.8	27
28	2 0.5 4.5	2 0.6 4.7	2 0.7 5.0	2 0.5 5.0	2 0.4 4.5	2 0.8 4.7	2 0.7 5.0	2 0.4 4.9	28
29	2 0.6 4.7	2 0.3 4.8	2 0.4 4.2	2 0.3 5.0	2 0.2 4.9	2 0.3 4.5	2 0.3 4.3	2 0.3 4.7	29
30	2 0.3 4.6	2 0.4 5.3	2 0.4 5.0	2 0.4 4.6	2 0.4 5.0	2 0.4 4.7	2 0.6 4.8	2 0.4 4.4	30
Oct.									Oct.
1	2 0.4 5.–	3 0.4 4.8	3 0.4 5.–	3 0.3 5.–	2 0.4 4.6	2 0.2 3.8	3 0.3 5.–	2 0.7 5.2	1
2	3 0.4 4.7	3 0.3 4.6	2 0.3 4.4	2 0.2 3.8	3 0.4 4.7	3 0.3 5.–	2 0.2 3.8	2 0.2 5.–	2
3	2 0.2 3.8	2 0.3 4.6	2 0.3 4.–	2 0.3 4.1	2 0.2 4.6	2 0.3 4.8	2 0.5 4.6	2 0.4 4.3	3
4	1 0.7 5.1	1 0.8 5.1	1 0.5 5.0	3 0.4 4.–	2 0.7 4.8	1 1.1 5.5	1 1.0 4.9	3 0.5 4.–	4
5	2 0.2 4.5	2 0.2 3.8	2 0.3 4.5	2 0.2 4.4	2 0.4 4.0	2 0.2 4.3	2 0.2 3.9	2 0.2 3.7	5
6	2 0.2 3.7	2 0.2 4.3	2 0.2 3.8	2 0.2 4.6	2 0.2 4.1	2 0.3 4.2	2 0.2 4.3	2 0.2 4.0	6
7	2 0.2 4.8	2 0.3 4.2	1 0.6 5.2	2 0.4 5.6	2 0.3 4.2	2 0.3 4.3	1 0.6 5.3	2 0.3 4.2	7
8	2 0.4 5.2	2 0.7 5.0	2 0.9 5.0	2 0.7 5.0	3 0.4 5.–	3 0.6 5.2	1 0.7 5.–	2 0.4 4.2	8
9	2 0.4 4.7	2 0.6 5.0	2 0.7 4.9	.. ..	2 0.5 4.4	2 0.6 4.5	2 0.4 4.3	.. ..	9
10	2 0.7 5.0	2 0.8 5.2	2 0.7 5.2	2 0.6 5.6	2 0.4 5.0	2 0.6 5.1	2 0.7 5.4	2 0.4 5.2	10
11	2 0.3 4.9	2 0.4 5.2	2 0.2 4.4	2 0.3 4.7	2 0.5 5.2	2 0.5 5.4	2 0.3 4.8	2 0.4 4.6	11
12	2 0.2 4.7	2 0.2 4.6	2 0.3 4.–	2 0.2 4.7	2 0.4 4.4	3 0.3 4.6	2 0.4 4.5	2 0.4 5.0	12
13	2 0.6 4.7	2 0.6 4.6	1 0.8 5.5	1 1.2 5.4	2 0.3 4.6	2 0.6 4.6	1 0.9 4.8	1 1.3 5.7	13
14	1 1.4 6.0	1 2.2 6.4	1 2.4 6.4	1 2.3 6.0	1 1.6 6.1	1 2.6 6.0	1 2.5 1.8	1 2.2 6.0	14
15	1 2.0 5.9	1 1.7 6.2	1 2.9 6.2	1 1.8 6.3	1 2.0 6.3	1 2.5 6.2	1 2.1 6.2	1 1.7 6.0	15
16	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	16

Microseisms. Nord

1958	*N*				*E*				1958
Dec.	0h	6h	12h	18h	0h	6h	12h	18h	Dec.
9	2 1.1 5.6	1 1.7 5.8	1 1.7 5.8	1 2.1 6.0	2 0.6 5.6	2 1.3 5.4	2 1.7 6.3	2 1.4 6.5	9
10	1 2.2 6.3	1 2.1 5.8	1 2.0 6.0	2 1.3 5.9	1 2.0 6.1	1 1.7 6.3	1 1.8 6.2	2 1.3 6.1	10
11	2 1.3 6.0	2 1.0 6.0	2 0.7 5.6	2 0.6 5.9	2 1.0 5.6	2 0.8 5.5	2 0.5 5.6	2 1.3 6.4	11
12	2 0.5 5.6	2 0.7 5.4	2 1.4 6.3	1 1.5 6.7	2 0.6 5.6	2 1.0 6.0	2 1.7 6.1	1 1.9 7.0	12
13	1 1.5 5.9	1 2.3 6.2	1 3.7 7.3	1 2.4 6.7	2 1.7 6.4	1 1.8 6.7	1 2.7 6.5	1 2.1 6.5	13
14	1 2.0 6.5	2 1.7 6.5	2 0.8 6.3	2 0.6 5.7	1 2.1 6.5	2 1.1 6.6	2 1.2 5.9	2 0.6 5.9	14
15	2 1.0 6.6	2 1.0 6.9	2 1.0 6.5	2 1.7 6.3	2 1.1 6.6	2 1.0 6.6	2 1.0 6.6	2 1.0 6.4	15
16	2 1.0 6.6	2 0.5 5.8	2 0.6 5.8	2 0.4 6.3	2 1.0 5.9	2 0.7 6.3	2 0.8 6.4	2 0.5 6.3	16
17	2 0.4 5.6	2 0.2 5.5	2 0.3 5.9	3 0.2 5.–	2 0.5 5.7	2 0.5 5.9	2 0.3 6.3	2 0.4 6.2	17
18	2 0.4 5.3	3 0.2 5.–	2 0.2 4.6	2 0.9 7.2	3 0.4 5.–	3 0.5 5.3	2 0.2 5.3	2 0.8 7.9	18
19	2 0.9 7.0	2 1.0 7.6	2 0.9 7.0	2 0.6 7.0	2 0.8 7.3	2 1.0 7.3	2 0.6 6.8	2 0.6 7.2	19
20	2 0.6 7.0	2 0.4 6.3	2 0.7 6.1	2 0.7 6.9	2 0.7 6.6	2 0.7 6.5	2 0.9 7.0	2 0.6 6.8	20
21	2 0.7 6.4	2 0.3 5.9	2 0.6 5.5	2 0.6 5.8	2 0.3 4.9	2 0.4 6.–	2 0.6 5.4	2 0.8 6.2	21
22	2 0.7 5.3	2 0.6 5.7	2 0.8 5.6	2 1.5 7.6	2 0.7 5.7	2 0.8 5.9	2 0.7 6.8	2 1.7 6.8	22
23	1 3.7 7.7	1 4.5 7.4	1 3.0 7.2	1 3.2 6.4	.. ..	1 3.7 7.2	1 3.9 6.8	1 3.1 6.3	23
24	1 2.7 6.1	1 3.4 6.3	1 2.4 6.6	2 1.0 6.1	1 3.4 6.3	1 4.3 6.4	1 2.2 6.5	2 1.7 6.2	24
25	.. ..	1 1.6 5.7	2 1.0 6.0	2 1.1 5.7	2 1.0 5.7	.. ..	2 0.8 5.5	2 0.9 6.0	25
26	.. ..	2 0.6 5.9	2 1.1 5.7	1 1.9 5.4	.. ..	2 0.6 5.2	.. ..	1 2.1 5.8	26
27	.. ..	.. ..	.. ..	2 0.7 5.6	.. ..	.. ..	.. ..	.. ..	27
28	2 0.3 4.7	2 0.5 5.9	2 0.4 5.3	2 0.6 5.1	.. ..	2 0.6 5.3	2 0.4 4.7	2 0.3 5.0	28
29	2 0.9 6.2	2 1.2 6.3	1 1.8 6.6	2 1.7 6.4	2 0.8 5.5	.. ..	.. ..	2 1.4 6.3	29
30	2 0.8 5.6	2 0.6 5.6	2 0.3 4.8	2 0.2 5.3	2 1.3 6.1	.. ..	.. ..	.. ..	30
31	2 0.2 5.4	2 0.7 5.6	2 0.7 5.4	2 0.4 5.5	.. ..	2 0.6 5.3	2 0.8 5.2	2 0.4 5.0	31