No. 2 Jan.—March 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: marly shale

Instruments

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

Strobach. N and E. $T = 6$ sec, $v = 4{:}1$, $V_0 = 500$. (Belongs to Geophysikalisches Institut, Hamburg.)

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

(including readings from 1957.)

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.

Correction

Correction to No. 1, see page 5.

January

1 *iP·Z* 15h14m32s +
$\Delta = 46°$. Aleutian Islands.

3 *eP·Z* 08 42 32
$\Delta = 51°$. Atlantic Ocean.

3 *eP·Z* 09 34 53
$\Delta = 51°$. Atlantic Ocean.

4 *eP·Z* 06 48 49
$\Delta = 51°$. Atlantic Ocean.

5 *iP·Z* 00 24 52
i·Z 24 57
Near.

5 *eP·Z* 11 38 22
$\Delta = 40°$. Siberia.

6 *eiP·Z* 02 03 51
$\Delta = 53°$. Hindu Kush.

6 *eP·Z* 09 15 42
$\Delta = 43°$. Unimak Island.

7 *eP·Z* 06 14 16
$\Delta = 52°$. Tadzhik, SSR.

9 *iP·Z* 01 28 57

9 *iP·Z* 17 48 05 3.6 mm.
i·Z 48 13 2.0 mm.
$\Delta = 49°$. Sinkiang, China.

10 *iP·Z* 13 45 37
iPP·Z 47 13
$\Delta = 46°$. Aleutian Islands.

10 *iP·Z* 18 56 58 +
Near.

11 *ePKP·Z* 13 37 41
$\Delta = 122°$. Tonga Islands.

12 *iP·Z* 15 04 12
$\Delta = 51°$. Atlantic Ocean.

13 *iP·Z* 00 10 40 +
ipP·Z 11 12 +
$\Delta = 46°$. $h = 100$ km. Aleutian Islands.

13 *eP·Z* 20 26 46 − 0.6 mm.
iP·Z 26 47 + 2.5 mm.
$\Delta = 82°$. Andaman Islands.

14 *eP·Z* 02 43 44
i·Z 44 15
Near.

January

14 *iP·Z* 11h57m32s

14 *e·Z* 12 49.5

14 *i(P)·Z* 15 51 47
i·Z 51 59
i·Z 52 34
i(S)·Z 52 50
Near.

15 *iP·Z* 04 20 17 −
$\Delta = 55°$. Sea of Japan.

15 *iP·Z* 16 35 04
i(S)·Z 35 34
Near.

15 *eP·Z* 19 28 16 + 0.4 mm.
ipP·Z 28 38
iPP·Z 32 23 1.5 mm.
iSKS·NE 38 50 6s. *E*: + 5 μ.
iSKKS·E 39 08
eSS·E 47 01 18s. *E*: + 17 μ.
L·NE 20 00
$\Delta = 102°$. $h = 100$ km. Peru.

16 *eP·Z* 04 26 19
iP·Z 26 33
$\Delta = 45°$. Aegean Sea.

17 *i!P·Z* 15 34 27
Near?

19 *eP·Z* 14 19 57
i·Z 20 01 +
i·NE 20 07
e·N 30 26
i!S·NE 30 36 *N*: +; *E*: −
i·N 30 48
L·N 39.2
L·E 42
M·NE 55 22s. *N*, *E*: 150 μ.
$\Delta = 85°$. Ecuador.

19 *eP·Z* 14 55 59
$\Delta = 85°$. Ecuador.

20 *iP·Z* 07 25 14
$\Delta = 82°$. $h = 100$ km. Philippine Islands.

22 *e·Z* 17 29 53
e·Z 30 55 2s; 2 mm.

22 *eP* 18 40 24
$\Delta = 74°$. $h = 200$ km. Formosa.

23 *eP·Z* 13 39 10
$\Delta = 18°$. Off west coast of Norway.

January

24 *eP·NE* 06h02m14s
ePP·NE 03 39
eSS·E 11 42
L·NE 17
$\Delta = 42°$. Kamchatka.

24 *i·E* 23 26 02
i·NE 29 08

26 *e·Z* 03 38 03

26 *ePKP·Z* 03 55 03
$\Delta = 147°$. South Pacific Ocean.

26 *eP·Z* 06 51 19
$\Delta = 52°$. Kurile Islands.

27 *M·Z*? 10 38 35 1/2s; 1.4 mm.

28 *e·Z* 12 30 56
e·Z 32 53
Norwegian Sea?

29 *e·Z* 09 49 14

31 *eP·Z* 23 30 47
China.

February

1 *eP·Z* 16 22 47 3s; +
$\Delta = 84°$. Ecuador.

1 *eP·Z* 18 15 13
$\Delta = 84°$. Ecuador.

1 *eP·Z* 19 44 11

1 *eP·Z* 20 58 20
$\Delta = 84°$. Ecuador.

2 *eP·Z* 08 20 52
$\Delta = 50°$. Kurile Islands.

2 *eP·Z* 09 01 49
$\Delta = 84°$. Ecuador.

2 *i·Z* 11 22 54
i·Z 23 22
Near.

4 *iP·Z* 08 12 06 0.2 mm.
iP·Z 12 08 0.8 mm.
$\Delta = 26°$. Off south coast of Greenland.

4 *iP·Z* 19 53 34
$\Delta = 44°$. Unimak Island.

5 *i·Z* 02 58 16

February

6 *iP·Z* 01h41m36s
i·Z 42 13
Near.

6 *iP·Z* 09 55 49
i·Z 56 26
M·Z 56.5 2.2 mm.
Near.

6 *e·Z* 15 58 27

7 *eP·Z* 00 45 27
$\Delta = 90°$. Sumatra.

7 *ePKP·Z* 01 29 37
$\Delta = 129°$. Kermadec Islands.

7 *iP·Z* 23 34 02 +
iP·Z 34 05 +
L·NE 24 03
$\Delta = 64°$. Szechwan, China.

9 *eP·Z* 04 27 17
$\Delta = 79$. South of Panama.

9 *iP·Z* 09 42 05
$\Delta = 68°$. Pakistan.

9 *iP·Z* 22 41 53
$\Delta = 84°$. Philippine Islands.

12 *eP·Z* 18 29 54
$\Delta = 87°$. Nicobar Islands.

12 *eiP·Z* 23 40 54
$\Delta = 55°$. Hokkaido, Japan.

12 *iP·Z* 23 52 15
L·E 24 08
L·N 12
$\Delta = 46°$. Aleutian Islands.

13 *iP·Z* 00 11 36
$\Delta = 66°$. Northern Assam.

13 *eP·Z* 09 41 16
$\Delta = 55°$. Sea of Japan.

16 *eiP·Z* 06 14 10
$\Delta = 59°$. Honshu, Japan.

17 *iP·Z* 05 27 44 +
e(PcP)·E 29 03
e·E 31 30
iS·N 35 01
isS·N 36 20
L·NE 39
$\Delta = 54°$. Hindu Kush.

February

18 *eP* 19h19m50s
$\Delta = 76°$. Batan Islands.

18 *eP* 20 00 30
$\Delta = 76°$. Batan Islands.

19 *iP* 10 42 12 +
$\Delta = 52°$. Sinkiang, China.

19 *iP* 19 39 19 +
L·E 20 23
$\Delta = 104°$. Java.

20 *iP·ZN* 16 05 00 *Z*: −4 mm.
i(S)·N 05 05
M 05 10 *Z*: 10 mm. *N*: 25 μ.
Near.

21 *iP·Z* 02 34 38
M·Z 34 48 5 mm.
Near.

22 *iP·Z* 10 59 05
i·Z 59 09
i·E 12 +
i!·N 15 +
iPcP·NE 11 00 49
iS·N 06 04 5s; 25 μ.
$\Delta = 48°$. Aleutian Islands.

23 *ePP·Z* 08 33 08
$\Delta = 112°$. *h* = 600 km. Argentina.

23 *iP·Z* 09 22 49
ePcP·Z 23 07
$\Delta = 69°$. *h* = 400 km. Bonin Islands.

23 *eiP·Z* 10 59 20
$\Delta = 74°$. Volcano Islands.

24 *iP·Z* 12 35 56
eS·N 43 07
L·NE 56
$\Delta = 49°$. Outer Mongolia.

24 *iP·Z* 20 12 35
i(S)·Z 12 50
M·ZNE 12 55 *Z*: 6.5 mm.
Near.

25 *iP·Z* 02 05 14
$\Delta = 48°$. Aleutian Islands.

25 *iP·Z* 15 09 14
Northern Sumatra.

26 *eP* 16 59 33
iPcP 17 00 57
$\Delta = 49°$. Kurile Islands.

February

26 *iP* 17h28m45s
$\Delta = 57°$. Hokkaido. Japan.

27 *i·Z* 10 14 24 Seismic?

27 *eP·Z* 23 39 38
i·NE 40 16
e·NE 49 21 *N*: 12s; 5 μ.
L·NE 24 05
$\Delta = 75°$. Batan Islands.

28 *eP·Z* 10 04 31
L·N 23
$\Delta = 56°$. Mid-Atlantic Ocean.

March

1 *iP·Z* 09 36 58 +
$\Delta = 60°$. Iran.

3 *eP·Z* 16 26 19
ePP·Z 28 08 3s; 1.3 mm.
ePcP·Z 28 17
iPPP·N 28 29
eS·N 32 42
$\Delta = 43°$. Komandorskie Islands.

3 *eP·Z* 17 40 50
$\Delta = 43°$. Komandorskie Islands.

4 *iP·Z* 03 28 22
Near.

4 *iP·Z* 11 40 45 +

5 *iP·Z* 03 26 50
Near.

7 *iP·Z* 07 04 35 +
$\Delta = 53°$. *h* = 200 km. Hindu Kush.

7 *iP·Z* 08 34 13 −
$\Delta = 88°$. Philippine Islands.

7 *e·Z* 23 15 49 ?

9 *ePKP·Z* 10 41 38
iPKS·Z 44 57
$\Delta = 132°$. Kermadec Islands.

9 *iP·Z* 11 07 32

10 *iP·Z* 08 06 22
$\Delta = 46°$. Aleutian Islands.

March

11 *eP·Z* 00h37m14s −
iP·Z 37 16 +
iPcP·ZNE 37 32
iS·NE 46 54
i!·NE 47 33
L·ZNE 01 05
$\Delta = 71°$. Ryukyu Islands.

12 *eP·Z* 00 04 30
L·NE 34
$\Delta = 72°$. Mexico.

14 *eP·Z* 00 02 04
$\Delta = 84°$. Philippine Islands.

15 *iP·Z* 06 35 06
iP·Z 35 12 −
$\Delta = 44°$. Greece.

17 *e·Z* 08 29 02 1.6s; 0.4 mm.
Arctic?

18 *iP·Z* 22 28 42 −
$\Delta = 48°$. Aleutian Islands.

20 *iP·NE* 01 46 44 No *Z* record.
iPPP·N 49 24
iS·NE 53 43
L·NE 02 00
$\Delta = 47°$. Aleutian Islands.

22 *iP·Z* 10 22 39 −
i·Z 22 43
eS·E 31 40
e·N 32 17
$\Delta = 70°$. Burma-Pakistan.

22 *eP·Z* 11 17 17
L·NE 37
$\Delta = 54°$. Afghanistan.

22 *iP·Z* 12 33 29
Near.

23 *iP·Z* 01 39 12
Near.

23 *eP·Z* 10 26 43
ePP·Z 29 38
$\Delta = 79°$. Philippine Islands.

23 *i·Z* 10 49 10 $T < 0.05$s.
Near.

25 *eP·Z* 18 53 20
$\Delta = 67°$. Virgin Islands.

March

25 *eP·Z* 22h46m32s
$\Delta = 86°$. Maldive Islands.

26 *eiP·Z* 00 04 16
$\Delta \sim 90°$. Strait of Malacca.

26 *iP·Z* 00 38 25
epP·Z 38 49
$\Delta = 86°$. Philippine Islands.

26 *i·Z* 18 39 37
i·Z 40 26

28 *iP·Z* 04 18 37 + 0.4 mm.
epP·Z 19 30
$\Delta = 54°$. *h* = 200 km. Hindu Kush.

28 *i!P·ZNE* 12 15 29 *Z*: + 4.2 mm.
ipP·Z 16 31
ePPP·E 19 12
S·NE 22 47 in the time break.
$\Delta = 54°$. 200 km. Hindu Kush.

29 *iP·Z* 06 10 38
Near.

30 *i·Z* 01 55 47
e·Z 56 56

30 *e·Z* 17 57 32 2s; 0.2 mm.
i·Z 57 34 0.5s; 1.2 mm.
L·Z? 59 24 0.5s. Duration 5s.
M·Z 2 mm.
i·Z 59 37

31 *iP·Z* 10 42 12
$\Delta = 72°$. Mexico.

31 *eP·Z* 16 54 36
Ionian Sea.

December 1958. JØRGEN HJELME.

Correction to Bulletin No. 1:

Read:

1957
Nov.
30 *iP·Z* 17h18m46s
i·Z 18 53
iS·Z 19 06
Near.

30 *iP·Z* 17 44 30
$\Delta = 14°$. Arctic Ocean.

Microseisms. Nord

1957 Sept.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1957 Sept.
1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1
2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2
3	.. ..	3 0.4 5.5	2 0.3 6.0	2 0.2 7.–	.. ..	.. ..	.. ..	.. ..	3
4	2 0.1 5.–	2 0.1 4.–	2 0.1 4.2	2 0.1 5.–	.. ..	.. ..	.. ..	.. ..	4
5	1 0.1 4.0	1 0.1 4.5	1 0.1 4.5	.. ..	2 0.2 3.2	2 0.1 4.0	2 0.1 4.0	.. ..	5
6	2 0.2 5.0	2 0.1 5.0	2 0.1 4.3	.. ..	2 0.2 3.6	2 0.2 3.4	2 0.1 4.0	.. ..	6
7	2 0.1 5.0	2 0.1 5.1	2 0.1 5.0	2 0.1 4.6	.. ..	.. ..	.. ..	.. ..	7
8	2 0.2 4.8	2 0.1 4.8	2 0.3 4.8	2 0.3 4.7	2 0.1 3.8	.. ..	.. ..	.. ..	8
9	2 0.2 4.4	1 0.2 5.0	1 0.1 4.7	2 0.2 4.5	.. ..	.. ..	.. ..	.. ..	9
10	2 0.3 4.6	1 0.1 4.5	1 0.2 5.3	1 0.1 4.3	.. ..	.. ..	.. ..	.. ..	10
11	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	11
12	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	12
13	.. ..	2 0.1 5.0	1 0.1 5.1	2 0.1 4.7	.. ..	1 0.3 4.3	1 0.3 4.5	2 0.3 4.2	13
14	1 0.3 4.4	1 0.4 4.6	3 0.3 4.5	2 0.3 5.4	1 0.3 4.2	1 0.3 4.2	1 0.3 4.8	1 0.3 4.7	14
15	2 0.4 5.0	1 0.5 5.3	1 0.4 5.4	1 0.5 4.5	1 0.1 4.2	.. ..	.. ..	.. ..	15
16	1 0.5 6.0	1 0.4 5.7	1 0.3 5.7	1 0.2 4.8	1 0.4 4.2	1 0.3 4.7	1 0.3 4.4	3 0.2 5.–	16
17	.. ..	.. ..	.. ..	1 0.2 5.9	.. ..	.. ..	.. ..	.. ..	17
18	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	18
19	2 0.2 5.4	2 0.2 5.0	2 0.2 5.5	.. ..	.. ..	.. ..	.. ..	.. ..	19
20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	20
21	.. ..	.. ..	2 0.2 5.2	2 0.2 5.2	.. ..	.. ..	.. ..	.. ..	21
22	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	22
23	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	23
24	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	24
25	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	25
26	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.1 4.–	2 0.2 4.5	26
27	.. ..	.. ..	2 0.1 4.0	2 0.1 4.6	2 0.2 4.5	.. ..	.. ..	.. ..	27
28	2 0.2 4.2	2 0.1 5.0	2 0.1 5.0	2 0.1 4.5	.. ..	2 0.2 3.8	2 0.1 4.8	2 0.2 4.8	28
29	2 0.2 4.4	1 0.1 4.6	1 0.1 4.5	2 0.3 4.5	.. ..	.. ..	.. ..	.. ..	29
30	2 0.2 5.–	2 0.3 4.5	2 0.2 4.1	2 0.2 4.–	.. ..	2 0.3 4.4	2 0.2 4.2	2 0.2 4.6	30
Oct.									Oct.
1	2 0.1 4.7	.. ..	.. ..	.. ..	.. ..	2 0.4 4.3	2 0.3 4.7	2 0.2 4.2	1
2	.. ..	.. ..	2 0.2 5.0	2 0.3 5.2	.. ..	2 0.2 4.0	2 0.2 4.6	2 0.2 4.6	2
3	2 0.3 5.1	2 0.3 5.2	2 0.3 5.4	2 0.4 4.7	2 0.2 5.0	2 0.4 4.8	2 0.3 4.2	2 0.4 4.2	3
4	2 0.3 4.0	2 0.5 3.6	2 0.4 4.6	2 0.3 4.7	2 0.2 4.1	2 0.5 3.6	2 0.4 4.0	2 0.5 4.4	4
5	2 0.1 4.8	2 0.3 4.1	2 0.4 4.3	2 0.3 4.5	2 0.2 3.8	2 0.6 3.7	2 0.5 4.0	2 0.4 4.4	5
6	2 0.5 4.7	2 0.6 5.5	2 1.0 5.3	2 1.1 5.6	2 0.3 4.0	2 0.5 4.6	2 0.6 4.6	2 0.4 5.2	6
7	2 1.1 5.6	1 1.2 5.6	1 1.4 5.6	2 1.3 5.8	2 0.5 5.8	1 0.9 5.8	1 0.5 5.6	2 0.5 5.4	7
8	2 0.7 6.0	1 0.5 5.5	1 0.4 5.5	1 0.4 5.1	2 0.5 5.3	1 0.4 5.5	1 0.4 5.3	1 0.4 5.6	8
9	2 0.4 4.9	2 0.5 5.3	2 0.4 4.9	3 0.4 5.–	2 0.4 5.5	2 0.3 4.–	2 0.4 5.–	3 0.3 5.–	9
10	3 0.2 5.–	2 0.3 5.1	2 0.3 4.8	2 0.3 4.9	3 0.3 5.–	.. ..	2 0.2 4.3	2 0.2 4.5	10
11	2 0.3 5.0	2 0.2 4.6	2 0.2 4.5	2 0.2 4.5	3 0.2 4.3	3 0.3 4.5	2 0.3 4.6	2 0.2 4.0	11
12	2 0.2 4.6	2 0.2 4.6	2 0.2 4.3	2 0.2 4.2	2 0.2 4.2	2 0.2 4.7	2 0.2 4.6	2 0.2 4.0	12
13	2 0.2 4.2	3 0.4 4.8	2 0.4 4.5	2 0.3 4.6	2 0.2 3.8	3 0.4 3.7	2 0.4 3.9	2 0.4 3.9	13
14	2 0.2 4.3	2 0.5 4.8	1 0.6 5.5	1 1.6 5.8	2 0.4 4.2	2 0.4 4.5	1 0.7 4.9	1 0.9 6.0	14
15	1 1.5 6.5	1 1.3 6.1	1 1.3 5.7	1 0.9 5.6	1 1.1 6.2	1 0.7 6.1	1 0.7 5.7	1 0.4 5.0	15
16	1 0.3 5.4	2 0.4 5.0	2 0.4 5.0	2 0.5 5.0	1 0.4 4.7	2 0.4 4.5	2 0.4 4.8	2 0.4 5.0	16
17	2 0.5 5.6	2 0.6 5.6	2 0.4 5.1	2 0.4 5.0	2 0.3 5.–	2 0.3 4.6	2 0.2 4.4	2 0.2 4.3	17
18	2 0.4 4.5	2 0.4 4.6	2 0.4 4.6	2 0.4 4.7	2 0.3 4.4	2 0.3 4.0	2 0.2 4.7	2 0.3 4.5	18
19	2 0.4 4.9	2 0.2 4.1	2 0.1 4.6	.. ..	2 0.2 4.0	2 0.3 4.0	2 0.2 3.9	.. ..	19
20	.. ..	2 0.4 4.5	3 0.4 5.0	2 0.6 5.5	.. ..	.. ..	.. ..	.. ..	20
21	3 0.4 5.0	2 0.3 4.9	2 0.3 4.6	2 0.4 4.6	.. ..	.. ..	.. ..	.. ..	21
22	2 0.3 4.0	2 0.3 4.3	2 0.3 4.8	2 0.3 4.1	.. ..	.. ..	.. ..	.. ..	22
23	2 0.3 4.5	2 0.4 4.6	2 0.2 4.4	.. ..	.. ..	.. ..	.. ..	.. ..	23
24	.. ..	.. ..	1 0.7 4.5	1 0.8 5.2	.. ..	.. ..	.. ..	.. ..	24
25	1 0.8 5.2	2 0.4 4.9	3 0.4 5.2	3 0.6 5.4	.. ..	.. ..	.. ..	.. ..	25
26	2 0.4 5.0	2 0.4 4.6	2 0.3 5.0	2 0.3 4.5	.. ..	.. ..	.. ..	.. ..	26
27	.. ..	2 0.3 4.4	2 0.3 4.3	2 0.3 5.0	.. ..	2 0.2 4.9	2 0.2 4.6	2 0.2 5.0	27
28	2 0.3 5.2	.. ..	3 0.4 4.3	3 0.4 4.5	2 0.2 5.3	.. ..	3 0.5 4.6	3 0.4 4.6	28
29	3 0.4 4.6	2 0.2 4.1	3 0.4 4.6	3 0.3 4.0	3 0.4 5.4	2 0.2 4.6	.. ..	.. ..	29
30	2 0.2 3.9	.. ..	2 0.3 3.9	2 0.3 4.1	2 0.1 4.4	.. ..	2 0.2 4.0	2 0.2 4.5	30
31	1 0.1 4.9	.. ..	1 1.1 6.7	1 1.6 6.5	1 0.2 5.3	.. ..	1 1.0 6.2	1 1.2 5.8	31

Microseisms. Nord

1957 Nov.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1957 Nov.
1	1 0.6 6.1	1 0.6 5.7	1 0.5 5.7	.. ..	1 0.6 6.1	1 0.7 5.7	1 0.6 5.8	2 0.5 4.9	1
2	.. ..	.. ..	.. ..	.. ..	2 0.4 4.6	.. ..	.. ..	.. ..	2
3	.. ..	.. ..	1 0.8 6.1	1 0.6 6.2	.. ..	.. ..	1 0.4 5.7	1 0.4 5.9	3
4	1 0.3 6.0	1 0.6 5.8	1 0.6 5.6	1 0.4 4.8	1 0.4 5.6	1 0.4 5.6	1 0.4 5.3	1 0.4 5.2	4
5	1 0.4 5.0	2 0.3 5.0	1 0.3 5.3	3 0.5 5.4	1 0.3 5.4	2 0.2 5.–	1 0.3 5.0	3 0.3 5.5	5
6	2 0.3 6.0	3 0.4 5.–	2 0.2 4.6	2 0.3 5.0	2 0.2 5.2	3 0.3 5.–	2 0.3 4.5	2 0.4 5.2	6
7	2 0.3 4.9	3 0.4 5.–	2 0.4 4.8	2 0.4 5.0	2 0.3 4.8	3 0.3 5.8	2 0.4 5.6	2 0.4 5.1	7
8	1 0.6 5.5	2 0.6 4.8	2 0.6 4.6	2 0.5 5.5	1 0.4 4.9	2 0.5 4.8	2 0.4 4.8	2 0.4 5.–	8
9	2 0.4 5.0	2 0.4 5.1	3 0.9 4.7	1 0.4 5.3	2 0.4 5.0	2 0.4 4.9	3 1.0 5.8	1 1.0 5.8	9
10	1 0.6 5.6	1 0.5 6.0	1 0.7 6.0	1 0.7 6.0	1 1.8 6.8	1 1.0 6.0	1 0.9 6.0	1 0.7 6.0	10
11	1 0.4 5.2	2 0.4 4.7	2 0.2 5.0	2 0.2 5.0	1 0.4 5.8	2 0.5 5.0	2 0.5 5.4	2 0.4 5.0	11
12	2 0.2 5.4	2 0.3 4.8	2 0.3 4.8	2 0.3 4.4	2 0.3 5.3	2 0.3 4.9	2 0.5 4.2	2 0.4 4.2	12
13	3 0.3 4.–	.. ..	.. ..	.. ..	3 0.4 4.8	2 0.1 4.–	2 0.1 3.8	2 0.1 3.7	13
14	.. ..	.. ..	.. ..	.. ..	2 0.1 3.6	.. ..	.. ..	.. ..	14
15	.. ..	.. ..	2 0.1 5.1	2 0.1 4.7	.. ..	.. ..	.. ..	.. ..	15
16	2 0.1 4.3	2 0.1 4.9	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	16
17	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	17
18	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	18
19	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	19
20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	20
21	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.1 4.9	2 0.1 4.7	2 0.1 4.7	21
22	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	22
23	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.2 4.6	2 0.2 4.8	.. ..	23
24	.. ..	2 0.1 4.6	2 0.1 4.5	2 0.1 4.9	.. ..	2 0.1 4.5	2 0.2 4.7	2 0.3 4.6	24
25	.. ..	2 0.1 4.2	2 0.1 4.6	2 0.1 4.9	2 0.2 4.2	2 0.1 4.2	2 0.1 4.6	2 0.1 4.9	25
26	2 0.1 4.7	2 0.1 4.6	2 0.1 4.2	.. ..	2 0.1 4.9	2 0.1 4.6	2 0.1 4.7	.. ..	26
27	.. ..	1 0.5 5.9	1 1.1 6.1	1 1.1 6.2	2 0.4 4.7	1 0.6 5.8	.. ..	.. ..	27
28	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	28
29	.. ..	3 0.7 5.6	.. ..	.. ..	.. ..	3 0.5 5.4	2 0.3 5.2	.. ..	29
30	.. ..	2 0.1 5.2	.. ..	.. ..	.. ..	2 0.3 5.0	2 0.3 4.8	2 0.2 5.0	30
Dec.									Dec.
1	.. ..	2 0.2 5.3	.. ..	.. ..	.. ..	2 0.2 5.5	3 0.3 5.–	3 0.3 5.–	1
2	.. ..	2 0.2 3.9	2 0.4 4.0	2 0.3 5.1	3 0.2 4.4	2 0.1 4.1	2 0.3 4.3	2 0.5 5.0	2
3	.. ..	3 0.6 5.7	2 0.7 5.8	1 1.2 6.2	2 0.7 4.7	3 0.8 5.6	2 0.8 5.8	1 1.8 6.3	3
4	1 1.6 6.5	1 1.7 6.3	1 1.4 6.6	1 1.0 6.3	1 2.0 6.4	1 1.7 6.4	1 1.8 6.2	1 1.9 6.4	4
5	.. ..	1 1.8 6.5	1 2.0 6.4	1 1.6 6.6	1 1.7 6.5	1 2.0 6.3	1 2.9 6.0	1 2.9 6.2	5
6	1 1.7 6.6	.. ..	.. ..	.. ..	1 2.7 6.6	1 2.2 6.6	1 2.5 6.6	1 1.2 6.1	6
7	.. ..	.. ..	.. ..	.. ..	1 1.1 6.3	2 0.8 6.1	2 1.2 6.3	1 0.8 6.3	7
8	.. ..	1 1.4 6.6	1 1.6 7.3	1 0.6 6.0	1 0.8 5.9	1 2.2 6.8	1 2.9 6.9	1 1.7 6.5	8
9	2 0.5 6.2	2 0.5 5.2	3 0.4 4.3	1 0.6 5.6	2 1.0 5.9	.. ..	3 0.7 6.0	1 1.1 6.0	9
10	1 0.6 5.9	1 0.6 6.0	1 0.8 6.0	.. ..	1 1.4 5.8	1 2.0 6.6	1 1.8 6.6	1 1.2 6.3	10
11	.. ..	3 0.2 5.8	3 0.2 5.8	3 0.2 5.9	1 1.2 6.1	3 1.0 6.2	3 0.8 6.0	3 0.6 5.8	11
12	3 0.2 6.2	3 0.2 5.0	.. ..	2 0.4 4.4	3 0.5 6.2	3 0.5 6.0	.. ..	.. ..	12
13	2 0.2 4.4	2 0.2 4.2	2 0.2 4.6	2 0.1 4.3	2 0.3 4.5	2 0.7 5.5	.. ..	.. ..	13
14	2 0.1 4.1	.. ..	.. ..	.. ..	.. ..	2 0.3 4.8	2 0.7 5.0	2 0.8 4.7	14
15	.. ..	.. ..	.. ..	.. ..	2 0.6 5.1	2 0.8 4.8	2 0.5 4.8	2 0.5 4.4	15
16	.. ..	.. ..	.. ..	.. ..	2 0.5 4.2	1 1.2 5.1	1 1.5 5.2	1 1.5 5.6	16
17	.. ..	.. ..	.. ..	.. ..	1 1.5 5.8	.. ..	2 0.4 5.0	2 0.4 5.0	17
18	.. ..	.. ..	.. ..	.. ..	2 0.2 4.5	2 0.2 4.8	.. ..	2 0.2 5.0	18
19	.. ..	.. ..	.. ..	.. ..	2 0.2 4.6	2 0.4 4.8	.. ..	.. ..	19
20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	20
21	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.6 5.6	2 0.2 4.5	21
22	.. ..	.. ..	.. ..	.. ..	2 0.1 4.–	.. ..	.. ..	.. ..	22
23	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.5 4.9	2 0.2 4.8	2 0.3 4.0	23
24	.. ..	.. ..	.. ..	.. ..	2 0.2 3.8	.. ..	.. ..	2 0.6 4.7	24
25	.. ..	.. ..	.. ..	.. ..	2 0.5 5.1	2 0.8 5.6	2 0.6 5.7	2 0.3 5.–	25
26	.. ..	.. ..	.. ..	.. ..	2 0.1 5.–	.. ..	.. ..	.. ..	26
27	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	27
28	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	28
29	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	29
30	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	30
31	.. ..	.. ..	2 0.1 4.5	2 0.1 5.2	.. ..	.. ..	2 0.2 4.6	.. ..	31

Microseisms. Nord

1958 Jan.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1958 Jan.
1	2 0.3 4.8	2 0.3 4.5	2 0.3 4.6	2 0.4 4.3	2 0.1 4.0	2 0.1 4.0	.. ..	2 0.2 4.1	1
2	2 0.5 4.0	2 0.3 4.6	2 0.2 4.5	2 0.1 4.0	2 0.1 4.0	.. ..	2 0.3 4.0	2 0.2 4.6	2
3	2 0.2 4.0	2 0.2 3.9	2 0.3 4.2	2 0.4 4.2	2 0.2 4.0	2 0.2 3.9	2 0.3 4.0	2 0.3 4.1	3
4	3 0.9 5.6	3 1.2 6.–	1 1.9 6.–	3 1.1 4.9	2 1.1 6.2	3 1.2 5.8	1 1.7 6.0	3 1.3 5.3	4
5	2 0.6 5.0	2 0.6 5.1	.. ..	1 0.5 5.9	2 0.7 5.5	2 0.5 5.0	.. ..	1 0.6 6.1	5
6	1 0.6 6.2	2 0.7 6.0	.. ..	.. ..	1 0.6 6.0	2 0.5 5.9	.. ..	.. ..	6
7	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	7
8	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	8
9	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	9
10	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	10
11	.. ..	.. ..	2 0.6 5.5	2 0.7 6.–	.. ..	.. ..	2 0.7 5.8	2 0.7 6.0	11
12	2 1.0 6.–	2 0.5 5.–	2 0.3 3.8	2 0.4 3.9	2 0.8 5.9	.. ..	.. ..	2 0.6 4.0	12
13	3 0.9 4.5	.. ..	3 0.7 4.5	.. ..	3 0.7 5.0	1 1.1 5.1	3 1.0 4.3	.. ..	13
14	.. ..	.. ..	.. ..	.. ..	2 0.5 4.9	.. ..	2 0.6 4.5	.. ..	14
15	1 0.6 4.5	1 0.8 5.0	2 0.5 4.3	2 0.3 4.7	.. ..	1 0.7 5.6	2 0.5 4.8	2 0.5 5.0	15
16	2 0.2 4.0	.. ..	.. ..	.. ..	2 0.3 4.0	3 0.5 4.–	3 0.6 4.–	.. ..	16
17	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.7 6.0	3 0.5 6.0	.. ..	17
18	.. ..	.. ..	.. ..	2 0.5 6.–	.. ..	.. ..	.. ..	2 0.5 6.–	18
19	2 0.7 7.–	2 0.4 6.5	2 0.4 7.0	2 0.4 6.8	2 0.6 6.–	2 0.2 6.–	2 0.2 7.–	2 0.2 5.–	19
20	2 0.1 6.–	2 0.1 6.–	.. ..	.. ..	2 0.2 5.0	2 0.1 2.8	2 0.2 4.4	2 0.2 4.–	20
21	.. ..	.. ..	.. ..	.. ..	2 0.2 5.–	.. ..	.. ..	.. ..	21
22	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	22
23	.. ..	.. ..	.. ..	2 0.3 5.4	.. ..	.. ..	.. ..	.. ..	23
24	.. ..	2 0.2 5.9	2 0.2 5.5	2 0.2 5.1	3 0.5 5.–	2 0.5 5.–	2 0.3 5.4	2 0.6 5.6	24
25	2 0.1 4.9	.. ..	2 0.4 5.3	2 0.4 5.4	3 0.2 5.3	2 0.3 5.6	2 0.4 6.0	2 0.6 5.3	25
26	2 0.6 5.6	2 0.2 5.6	2 0.4 6.0	3 0.4 6.6	2 0.6 5.9	.. ..	2 0.7 5.9	3 0.6 6.–	26
27	3 0.3 5.4	1 0.4 6.4	2 0.6 6.1	1 0.6 6.3	3 0.5 6.3	1 0.9 6.6	2 0.6 6.1	1 0.8 6.4	27
28	.. ..	.. ..	2 0.7 6.4	2 0.5 6.0	2 0.7 6.0	2 0.7 6.0	2 0.7 6.5	2 1.0 6.–	28
29	2 0.6 5.9	3 0.5 6.0	2 0.4 5.8	.. ..	2 1.1 5.8	3 0.7 6.0	2 0.6 5.0	2 0.7 5.6	29
30	2 0.2 5.4	2 0.3 4.7	2 0.3 5.3	3 0.3 4.9	2 0.7 5.6	2 0.4 5.0	2 0.6 5.6	3 0.6 5.7	30
31	2 0.2 5.5	.. ..	.. ..	.. ..	2 0.6 5.7	2 0.6 5.5	3 0.3 4.9	3 0.4 4.6	31
Feb.									Feb.
1	.. ..	2 0.5 5.7	2 0.3 5.4	3 0.3 5.6	3 0.7 5.3	2 0.5 5.0	2 1.0 5.3	3 0.9 5.5	1
2	3 0.4 5.2	3 0.6 6.2	3 0.4 5.–	3 0.4 5.9	3 1.2 6.–	3 1.3 6.3	3 0.8 6.–	3 0.8 6.–	2
3	3 0.2 5.3	3 0.2 5.–	3 0.2 5.–	2 0.3 5.–	3 0.3 5.–	3 0.4 5.4	3 0.5 5.9	2 0.4 5.4	3
4	3 0.3 5.0	2 0.2 4.6	.. ..	3 0.2 4.4	3 0.6 5.2	.. ..	3 0.4 5.1	3 0.3 5.3	4
5	2 0.2 5.0	.. ..	.. ..	2 0.2 6.0	2 0.2 5.–	.. ..	.. ..	2 0.3 6.6	5
6	2 0.3 6.4	3 0.4 5.8	3 0.3 5.5	3 0.2 5.–	2 0.3 7.–	3 0.2 4.8	3 0.4 6.–	3 0.2 5.8	6
7	2 0.2 5.3	2 0.5 5.3	2 0.3 5.1	2 0.3 5.–	2 0.2 5.–	2 0.2 5.6	2 0.2 5.6	2 0.2 5.7	7
8	2 0.2 5.3	2 0.2 5.4	2 0.4 6.2	2 0.2 6.0	.. ..	2 0.4 5.7	2 0.2 5.8	2 0.2 6.0	8
9	2 0.2 5.2	2 0.2 5.2	2 0.2 6.1	2 0.2 5.0	2 0.2 5.0	2 0.2 4.8	2 0.2 5.4	2 0.1 5.–	9
10	2 0.2 5.6	2 0.2 4.6	2 0.2 5.2	2 0.2 5.0	2 0.2 5.1	2 0.2 5.0	2 0.1 4.8	2 0.1 4.8	10
11	2 0.2 5.8	1 0.7 4.2	1 0.7 4.6	1 0.5 4.6	2 0.1 5.–	1 0.6 4.1	1 0.6 4.7	1 0.5 4.6	11
12	3 0.4 4.4	2 0.2 5.6	3 0.3 5.6	2 0.5 6.0	3 0.4 4.2	2 0.3 4.9	3 0.3 5.2	2 0.4 5.5	12
13	3 0.3 4.7	.. ..	2 0.2 5.3	2 0.4 6.0	3 0.3 5.–	2 0.2 5.0	2 0.2 5.0	2 0.2 6.0	13
14	2 0.2 4.7	2 0.2 5.6	2 0.2 4.8	1 0.5 4.4	2 0.2 5.2	2 0.2 4.0	2 0.2 4.0	1 0.5 4.6	14
15	1 0.4 4.5	3 0.5 5.–	3 0.4 5.6	1 0.7 5.6	1 0.5 4.7	3 1.0 5.4	3 0.6 4.7	1 0.6 5.1	15
16	1 0.6 6.0	1 0.5 6.0	1 0.6 6.1	2 0.4 5.7	1 0.6 6.–	1 1.1 6.2	1 0.6 6.0	2 0.6 5.7	16
17	2 0.2 5.0	2 0.2 5.7	1 0.2 6.0	2 0.2 5.–	2 0.2 5.7	2 0.2 5.5	1 0.2 6.0	2 0.2 5.2	17
18	2 0.2 5.0	.. ..	.. ..	3 0.4 5.3	2 0.2 5.0	.. ..	3 0.4 5.4	.. ..	18
19	3 0.3 5.–	2 0.3 5.0	2 0.4 5.9	3 0.2 5.–	.. ..	2 0.2 4.7	2 0.2 5.6	3 0.3 4.6	19
20	2 0.2 5.0	.. ..	.. ..	.. ..	.. ..	3 0.2 5.3	.. ..	.. ..	20
21	.. ..	2 0.4 5.9	2 0.6 5.4	1 0.8 5.5	2 0.4 5.9	2 0.5 5.7	2 0.5 6.0	1 1.0 6.1	21
22	1 0.8 5.7	1 0.7 5.9	1 0.8 6.1	.. ..	1 1.1 5.8	1 0.9 6.3	1 1.0 6.8	2 0.8 6.0	22
23	1 0.6 5.9	.. .. ..	2 0.6 5.1	.. ..	1 0.7 5.8	.. ..	2 0.6 5.4	.. ..	23
24	2 0.2 5.2	2 0.3 5.2	2 0.2 5.0	2 0.3 5.2	.. ..	2 0.2 5.2	2 0.2 5.0	2 0.2 4.9	24
25	.. ..	2 0.4 5.0	2 0.2 4.7	2 0.4 5.0	2 0.2 4.2	2 0.2 5.–	2 0.2 4.6	2 0.2 5.0	25
26	2 0.3 5.0	.. ..	3 0.3 5.0	3 0.2 4.9	2 0.2 4.7	.. ..	3 0.2 5.0	3 0.2 5.0	26
27	3 0.3 4.6	3 0.3 5.0	3 0.3 4.9	3 0.2 4.5	3 0.2 5.0	3 0.2 5.0	3 0.2 5.0	3 0.2 5.0	27
28	2 0.3 5.0	2 0.5 5.0	1 0.7 6.0	2 0.6 6.0	2 0.2 5.0	.. ..	.. ..	.. ..	28

Microseisms. Nord

1958 March	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1958 March
1	2 0.4 5.3	2 0.3 5.4	3 0.4 5.9	3 0.4 6.2	.. ..	2 0.3 5.1	3 0.3 5.0	3 0.4 6.1	1
2	2 0.3 5.1	2 0.4 6.0	2 0.2 5.5	2 0.2 5.0	2 0.2 5.5	2 0.5 5.0	2 0.3 5.0	2 0.2 5.0	2
3	3 0.3 4.8	2 0.2 5.1	2 0.2 5.1	2 0.3 4.5	3 0.2 5.0	2 0.2 4.9	.. ..	.. ..	3
4	2 0.5 5.0	3 0.6 6.–	2 0.9 6.3	2 0.7 5.1	.. ..	3 0.6 5.6	2 0.3 5.0	2 0.6 5.3	4
5	2 0.5 6.1	3 0.6 5.5	2 0.7 6.5	2 0.6 5.9	2 0.3 4.7	3 0.2 5.1	2 0.2 5.0	2 0.2 5.5	5
6	2 0.4 6.1	2 0.2 5.9	2 0.4 5.7	2 0.4 5.8	2 0.3 5.5	2 0.3 5.6	2 0.4 6.0	2 0.4 6.0	6
7	2 0.7 6.3	2 0.7 6.3	2 0.7 6.4	2 0.8 6.2	2 0.4 5.7	2 0.4 6.2	.. ..	3 0.7 6.0	7
8	2 0.6 5.8	2 0.7 6.6	2 0.7 6.6	2 0.4 6.2	3 0.5 6.1	3 0.3 6.6	3 0.2 6.–	3 0.4 6.–	8
9	2 0.2 5.8	2 0.3 5.3	2 0.3 5.4	2 0.2 5.6	3 0.2 5.7	2 0.3 5.2	2 0.2 5.0	2 0.2 5.2	9
10	2 0.1 5.0	2 0.2 5.2	2 0.2 5.9	2 0.2 5.0	2 0.2 5.0	2 0.2 5.0	2 0.1 4.6	2 0.2 4.8	10
11	2 0.2 5.6	2 0.3 5.2	2 0.2 4.9	2 0.3 4.5	2 0.1 4.7	2 0.2 5.1	2 0.2 4.6	2 0.2 5.0	11
12	2 0.3 5.0	2 0.3 4.9	2 0.4 5.1	2 0.8 6.0	2 0.2 4.5	2 0.3 4.8	2 0.4 5.2	2 0.6 5.5	12
13	2 0.7 5.6	.. ..	2 0.5 4.9	3 0.4 5.6	2 0.5 6.4	2 0.7 5.2	2 0.6 5.4	3 0.5 5.0	13
14	3 0.5 5.–	2 0.3 5.1	2 0.3 4.5	2 0.3 5.4	3 0.6 5.2	2 0.3 5.6	2 0.2 4.8	2 0.3 6.2	14
15	2 0.6 5.9	3 0.8 7.0	2 1.0 7.0	3 1.0 6.6	2 0.5 6.4	3 0.5 6.4	2 1.3 7.3	3 1.3 7.–	15
16	3 0.8 6.0	1 1.2 6.0	3 0.5 5.0	2 0.4 4.8	3 1.1 6.–	1 1.2 5.8	3 0.6 5.9	2 0.3 5.0	16
17	2 0.4 5.0	.. ..	.. ..	.. ..	2 0.3 4.5	2 0.2 5.0	2 0.2 4.6	3 0.2 5.–	17
18	.. ..	2 0.3 4.9	.. ..	2 0.2 4.9	2 0.2 4.–	2 0.2 4.6	2 0.2 3.4	2 0.2 4.5	18
19	2 0.2 5.0	2 0.2 4.6	2 0.2 4.6	2 0.2 4.4	2 0.2 4.7	2 0.1 5.0	2 0.2 4.0	2 0.2 4.6	19
20	2 0.5 5.0	.. ..	3 0.3 5.0	3 0.3 5.–	2 0.3 4.6	2 0.2 4.6	3 0.2 4.6	3 0.2 5.6	20
21	3 0.2 5.–	3 0.3 5.–	3 0.3 5.–	2 0.2 5.0	.. ..	3 0.2 4.5	3 0.2 5.0	2 0.3 5.3	21
22	2 0.2 5.1	2 0.3 4.9	2 0.2 4.6	2 0.2 4.9	2 0.2 5.0	2 0.2 4.7	2 0.2 4.8	2 0.2 4.–	22
23	2 0.2 5.0	2 0.3 4.7	3 0.3 5.0	3 0.4 5.0	2 0.2 5.2	2 0.2 4.7	3 0.3 4.8	3 0.3 5.1	23
24	2 0.2 6.0	2 0.3 4.5	2 0.3 5.2	2 0.6 5.8	2 0.3 5.2	2 0.3 4.7	2 0.3 5.2	2 0.2 5.5	24
25	2 0.2 5.3	2 0.4 5.6	3 0.6 5.8	2 0.4 5.6	.. ..	2 0.2 5.9	3 0.4 5.8	2 0.4 5.7	25
26	2 0.4 5.8	2 0.3 5.6	2 0.2 3.8	2 0.2 4.3	.. ..	.. ..	.. ..	.. ..	26
27	2 0.2 5.0	2 0.2 4.7	2 0.2 4.0	2 0.2 5.0	.. ..	2 0.2 4.4	2 0.2 4.–	2 0.2 4.–	27
28	.. ..	2 0.2 4.6	2 0.2 4.6	2 0.2 4.5	2 0.2 4.1	2 0.2 4.7	2 0.2 4.6	2 0.2 4.5	28
29	2 0.2 4.6	2 0.2 4.6	2 0.2 4.7	2 0.1 4.6	2 0.2 5.0	2 0.2 4.6	2 0.2 5.0	.. ..	29
30	2 0.1 4.8	2 0.2 4.5	2 0.2 4.5	2 0.3 4.9	.. ..	2 0.2 4.8	2 0.2 4.–	2 0.3 5.3	30
31	2 0.2 4.8	.. ..	.. ..	.. ..	2 0.4 5.2	.. ..	.. ..	.. ..	31

6.23

No. 3. April–June 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: marly shale

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.)

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.

April

1 *eP·Z* 14h17m13s
$\Delta = 59°$. Honshu, Japan.

2 *iP·Z* 21 48 57
Near.

3 *eiP·Z* 07 27 25 1.5 mm.
$\Delta = 50°$. Crete.

3 *eP·Z* 08 38 20 2s.5; 0.3 mm.
This phase has 4–5 equal waves.
$\Delta = 85°$. Equador.

4 *iP·Z* 13 53 04 0s.6; 1.6 mm.
eS·Z 13 54 14
$\Delta = 6°$. Arctic Ocean; west of Svalbard.

5 *i·Z* 07 58 22 0s.3.

6 *e·Z* 13 04 22 0s.3.

6 *eP·Z* 15 01 58 0s.4.

6 *iP·Z* 23 06 34 0s.8.

7 *iP·Z* 04 57 02
iS·Z 58 59
$\Delta = 10°$. East of Jan Mayen.

7 *eP·Z* 11 50 40
e(S)·Z 51 18
Near.

7 *iP·Z* 12 03 55 +
e(S)·Z 04 11
i(S)·Z 04 17
Near.

7 *iP·ZNE* 15 37 02
iS·N 42 26
$\Delta = 32°$. Alaska.

7 *eP·Z* 16 12 30
$\Delta = 32°$. Alaska aftershock.

7 *eP·Z* 16 44 56
$\Delta = 32°$. Alaska aftershock.

7 *iP·ZNE* 18 15 09 Z: +
eS·NE 23 24
$\Delta = 59°$. Honshu, Japan.

7 *iP·ZN* 18 40 21
$\Delta = 59°$. Honshu aftershock.

7 *eP·Z* 18 46 46
$\Delta = 59°$. Honshu aftershock.

April

7 *iP·ZNE* 18h48m26s Z: +
$\Delta = 59°$. Honshu aftershock.

7 *eP·Z* 18 57 20
$\Delta = 59°$. Honshu aftershock.

7 *eP·Z* 18 59 51 1s.2.
$\Delta = 59°$. Honshu aftershock.

7 *iP·Z* 19 22 11
eS·NE 29 12
L·NE 40
$\Delta = 49°$. Outer Mongolia.

7 *eP·Z* 22 38 32 $T < 0^s.2$.
eS·Z 39 04
Near.

8 *iP·Z* 00 20 40
$\Delta = 31°$. Alaska.

8 *iP·Z* 04 47 25 0s.8.
$\Delta = 78°$. Colombia.

8 *iP·Z* 07 20 47
$\Delta = 60°$. $h = 60$ km. Honshu, Japan.

8 *eP·Z* 10 09 02
$\Delta = 57°$. Afghanistan.

9 *iP·Z* 04 46 27 +
$\Delta = 58°$. Iran.

9 *iP·ZNE* 06 22 42
iPPP·NE 24 21
$\Delta = 39°$. Gulf of Alaska.

9 *e·ZNE* 06 36 54 6s.

9 *eP·Z* 18 11 31
$\Delta = 95°$. Molucca Passage.

10 *e·Z* 00 15 24

10 *eP·Z* 01 14 56
$\Delta = 70°$. Ryukyu Islands.

10 *iP·Z* 01 52 56
$\Delta = 46°$. Kamchatka.

10 *iP·Z* 11 03 29 +
$\Delta = 43°$. Outer Mongolia.

10 *iP·Z* 12 00 11 +
$\Delta = 59°$. Honshu, Japan.

11 *iP·Z* 01 08 18
$\Delta = 59°$. Honshu, Japan.

April

11 *iP·Z* 08h34m27s
iS·Z 34 48
Near.

11 *iP·Z* 18 25 55 +
Near.

11 *iP·ZNE* 23 20 19 –
L·E 32
$\Delta = 51°$. $h = 100$ km. Kurile Islands.

12 *eP·Z* 11 57 40
eS·NE 12 06 19
L·N 18
L·ZE 22
$\Delta = 65°$. California.

12 *iP·Z* 13 36 48
$\Delta = 72°$. Ryukyu Islands.

12 *eP·Z* 22 46 08 0s.5
Near?

13 *eP·Z* 04 17 40
$\Delta = 48°$. Outer Mongolia.

13 *eP·Z* 09 13 47
ePP·N 14 44
iS·E 18 54
L·NE 23
$\Delta = 32\frac{1}{2}°$. Alaska.

13 *iP·ZNE* 12 37 31
iS·NE 44 14
iSeS·E 47 26
L·NE 52
$\Delta = 45°$. Kamchatka.

14 *iP·Z* 00 19 00
e(S)·Z 19 17
Near.

14 *eP·Z* 18 17 03
$\Delta = 45°$. Kamchatka.

14 *iP·ZNE* 21 45 07
ePP·NE 48 27
iSKS·NE 55 36
eSSS·N 22 04
L·E 07.7 18s.
L·N 10
$\Delta = 85°$. Ecuador.

14 *eP·Z* 23 01 11 2s.6 and 0s.8.
$\Delta = 85°$. Ecuador aftershock.

15 *iP·Z* 01 43 23 + 2s.6 and 0s.8.
$\Delta = 85°$. Ecuador aftershock.

April

15 *eP·ZN* 04h04m40s
iS·NE 14 39
L·NE 27 45s.
$\Delta = 78°$. Off west coast of Costa Rica.

15 *iP·Z* 10 12 05 –
$\Delta = 82°$. $h = 100$ km. Philippines.

16 *iP·Z* 02 14 46
i(S)·Z 15 01
i·Z 15 07
Near.

16 *i·Z* 08 15 59
Seismic?

16 *iP·Z* 12 48 32
$\Delta = 82°$. $h = 150$ km. Philippines.

17 *eP·Z* 05 51 50
Aleutian Islands.

17 *iP·Z* 07 19 43
iS·Z 20 11
Near.

17 *eP·Z* 08 22 23
Near?

17 *iP·Z* 11 43 01 +
e·Z 43 20
$\Delta = 61°$. Honshu, Japan.

17 *iP·Z* 14 11 29
i!S·Z 11 33 +
Local shock.

17 *iP·Z* 16 32 47
iS·Z 32 57
Near.

19 *e·Z* 00 49 49

19 *eP·Z* 01 28 02

19 *iP·Z* 04 14 03 1s 5.
$\Delta = 64°$. California.

19 *iP·Z* 23 31 52
eS·Z 32 11
Near.

20 *iP·Z* 09 04 05
Near?

20 *e·Z* 09 05 55
Near?

April

20 *e·Z* 11h51m49s

20 *iPKP·Z* 21 34 22
ePP·Z 37 30
$\Delta = 141°$. Sandwich Group.

20 *iP·Z* 21 35 08
iS·Z 21 35 28
Near.

21 *iP·Z* 10 59 46
Near.

22 *iP·Z* 00 53 10
iS·Z 53 47
Near.

22 *iP·Z* 10 11 20
$\Delta = 48°$. Turkey.

22 *eP·Z* 11 22 23

23 *L·NE* 03 27
$\Delta = 53°$. Kurile Islands.

24 *eP·Z* 00 46 32

24 *iP·Z* 18 21 36
$\Delta = 82°$. Pacific Ocean.

25 *iP·Z* 06 29 40 –
Aleutian Islands.

25 *eP·Z* 08 43 38
$\Delta = 47°$. Aleutian Islands.

27 *iP·Z* 17 27 07
$\Delta = 55°$. Hokkaido, Japan.

27 *iP·Z* 19 12 09
L·NE 28
$\Delta = 46°$. Aleutian Islands.

28 *eP·Z* 12 01 11
L·NE 40
$\Delta = 96°$. Peru.

29 *iP·Z* 02 15 09 +
eS·Z 15 27
Near.

29 *iP·Z* 13 41 57
$\Delta = 36°$. Southeastern Alaska.

29 *iP·Z* 20 37 49
iS·ZNE 38 26
i·N 38 38
Near.

April

29 *e·Z* 22h32m54s

30 *iP·Z* 08 25 53
$\Delta = 54°$. Hindu Kush.

30 *iP·Z* 13 10 53
iS·Z 11 27
Near.

30 *iP·Z* 14 04 29
$\Delta = 57°$. China.

30 *iP·Z* 14 16 12
$\Delta = 44°$. Portugal.

30 *iP·Z* 14 58 55
iS·Z 59 34
Near.

30 *iP·Z* 16 38 51
iS·Z 39 29
Near.

May

1 *eP·Z* 00 43 27
iPKP·Z 47 29
ePP·Z 48 15
ePPP·Z 49 36
ePKKP·Z 58 21
e(SKKP)·Z 01 02 21
$\Delta = 112°$. $h = 200$ km. New Hebrides Islands.

2 *eP·Z* 20 40 49
$\Delta = 73°$. Mexico.

2 *eP·Z* 21 30 21
$\Delta = 59°$. Iran.

4 *e·Z* 08 54.1
Seismic?

5 *e·NE* 00 03 27
No Z record. Near.

6 *eP·Z* 00 00 46
$\Delta = 38°$. Alaska.

6 *eP·ZNE* 00 14 07
e·N 14 29
e·E 14 35

6 *e·Z* 01 10.5

7 *e·Z* 02 58 10

7 *eP·Z* 07 36 42
Δ abt. 30°. North Atlantic Ocean.

May

7 *eP·Z* 07h51m19s
Δ abt. 30°. North Atlantic Ocean.

7 *iP·Z* 10 23 05 +
iS·Z 23 24 +
Near.

7 *eP·Z* 14 57 13
$\Delta = 55°$. Afghanistan.

7 *e·Z* 17 19 54
Seismic?

7 *iP·Z* 18 59 54
iS·Z 59 58 –
Near.

7 *iP·Z* 19 36 53
iS·Z 37 29
Near.

7 *iP·Z* 22 05 49
$\Delta = 48°$. Kamchatka region.

7 *e·Z* 23 32 35
i·Z 32 37
Seismic?

8 *iP·Z* 02 54 20
$\Delta = 37°$. North Atlantic Ocean.

8 *eP·Z* 12 59
iSKS·NE 13 05 16
$\Delta = 108°$. Argentina.

9 *iP·Z* 02 49 25
$\Delta = 48°$. Dodecanese Islands.

9 *eP·Z* 03 46.4
e(S)·Z 46 45
Near.

9 *iPKP·Z* 04 58 51
$\Delta = 115°$. $h = 100$ km. Argentina.

9 *iP·ZE* 17 46 15 +
i·Z 46 17
eS·Z 46 30
i·ZNE 46 33
Near.

9 *i·Z* 17 49 19
i·Z 49 21
Near.

10 *iP·Z* 02 15 49
iS·Z 15 54
Near.

May

10 *eP·Z* 23h01m05s
L·E 09
$\Delta = 32°$. Central Alaska.

11 *eP·Z* 05 30 20
L·E 41
$\Delta = 32°$. Central Alaska.

11 *eP·Z* 05 43 26
$\Delta = 32°$. Alaska aftershock.

11 *eP·Z* 21 10 24
Near.

12 *iP·Z* 05 46 38
ePcP·Z 48 27
L·NE 06 03
$\Delta = 46°$. Aleutian Islands.

12 *iP·Z* 14 26 39
Near.

12 *iP·Z* 21 25 23 0s.8. –
$\Delta = 92°$. $h = 150$ km. Peru.

12 *eP·Z* 22 24 14
$\Delta = 44°$. Aleutian Islands.

12 *eP·Z* 22 48 21
Near?

13 *eP·Z* 06 08 12 0s.8.

13 *e·Z* 10 39 48
Seismic?

13 *eP·Z* 11 23 50
$\Delta = 30°$. Alaska.

14 *iP·Z* 07 52 11
e·ZNE 52 31
Near.

14 *eP·Z* 12 47 59
$\Delta = 81°$. Andaman Islands region.

15 *iP·Z* 04 33 18
$\Delta = 47°$. Aleutian Islands.

15 *iP·Z* 04 48 07 +
e·Z 48 27

15 *eP·Z* 06 44.1
Near.

15 *eP·Z* 18 58 37

16 *e·Z* 01 42 48
$\Delta = 86°$. Nuclear explosion, Marshall Islands.

May				
17	*eP·Z*	01h16m31s		
17	*eP·Z*	05 34 37		
	$\Delta = 51°$. Libya.			
17	*eP·Z*	06 49 08		
17	*eP·Z*	15 45 36		
17	*iP·Z*	15 46 54		
	$\Delta = 48°$. Aleutian Islands.			
17	*e·Z*	20 14.9		
18	*L·NE*	03 27		
	$\Delta = 112°$. New Hebrides Islands.			
18	*eP·Z*	22 06 15		
	iS·Z	06 49		
	Near.			
18	*iP·Z*	23 24 16		
	iS·Z	24 31		
	Near.			
19	*iP·Z*	01 44 04	–	
		44 18		
	Near.			
19	*iP·ZNE*	07 21 39		
	iS·ZNE	21 52		
	i·NE	21 54		
	Near.			
19	*i·Z*	22 01 53		
	Seismic?			
19	*e·Z*	22 33 17		
	i·Z	33 22		
	Seismic?			
20	*iP·Z*	15 55 40		
	i·Z	55 42		
	i·Z	55 45		
	i·Z	55 49		
	Near.			
22	*eP·Z*	11 41 26		
	$\Delta = 48°$. Aleutian Islands.			
22	*iP·Z*	22 18 17		
	$\Delta = 45°$. Aleutian Islands.			
23	*eP·Z*	02 26 07		
	Seismic?			
24	*iP·Z*	07 47 09		
	Near.			

May				
25	*eP·Z*	00h43m.9		
	L·NE	00.8		
25	*eP·Z*	03 05 26		
25	*eP·Z*	15 03 03		
	L·N	10		
	L·E	14		
	$\Delta = 47°$. Aleutian Islands.			
25	*iP·Z*	17 51 35	–	
	$\Delta = 66°$. Japan.			
25	*iP·Z*	21 24 34		
	i·ZNE	24 35	Z: –	
	iSKS·E	35 06	5s.	
	iS·N	35 22	10s.	
	i·NE	35 41		
	SSS·NE	46	20s.	
	L·NE	51	30s.	
	$\Delta = 89°$. $h = 100$ km. Ecuador-Peru border.			
26	*iP·Z*	01 18 13		
	iS·Z	18 37		
	Near.			
26	*e(P)·Z*	07 52.9		
	i(S)·Z	53 48		
	Near.			
26	*iP·Z*	09 02 37	+	
	$\Delta = 89°$. $h = 100$ km. Ecuador aftershock.			
26	*iP·Z*	11 04 46		
	$\Delta = 45°$. Aleutian Islands.			
26	*i·Z*	11 05 18		
26	*i·Z*	11 10 08	+	
26	*iP·Z*	14 02 39		
	Near.			
27	*iP·Z*	14 49 14		
	e(S)·Z	49 37		
27	*iP·Z*	18 36 04	+	
	$\Delta = 48°$. Dodecanese Islands.			
28	*iP·Z*	04 24 19		
	i·Z	24 24		
	eS·Z	24 58		
	Near.			
29	*iP·Z*	05 32 01	–	
	$\Delta = 71°$. $h = 450$ km. Bonin Islands.			

May				
29	*iP·Z*	05h34m48s		
	iS·Z	35 24		
	Near.			
30	*iP·Z*	02 43 36		
	e(S)·Z	43 56		
	Near.			
30	*eP·Z*	18 13 08		
	L·NE	18.5		
	$\Delta = 45°$. Aleutian Islands.			
31	*eP·Z*	19 51 10		
	iPP·ZNE	52 15		
	eS·E	59 56		
	ePS·N	20 01 41		
	e·NE	03 11		
	i·N	04 43		
	iSS·E	08 01		
	e(PSPS)·N	08 13		
	i·N	09 46		
	L·NE	20.5		
	$\Delta = 113°$. New Hebrides Islands.			
June				
4	*iP·Z*	14 38 07	+	
	L·NE	55		
	$\Delta = 45°$. Fox Islands.			
6	*eP·NE*	09 23 49		
	eS·NE	33 19		
	e·NE	33 59		
	L·N	47		
	$\Delta = 79°$. Costa Rica.			
6	*L·NE*	19 53		
8	*L·NE*	01 00		
11	*i·Z*	10 27 53		
	Z	28 14		
	Near.			
12	*iP·Z*	21 01 14		
	i·Z	01 41		
	L·NE	15		
	$\Delta = 45°$. Fox Islands.			
13	*ePKP·Z*	11 18 23		
	$\Delta = 146°$. Australia.			
15	*iP·Z*	03 54 41		
	Z	55 24		
	Near.			

June				
17	*e·Z*	13h07m50s		
	Z	08 21		
	Near.			
17	*eP·Z*	15 18 49		
	$\Delta = 71°$. Bonin Islands.			
17	*iP·Z*	19 18 13	+	
	$\Delta = 73°$. Volcano Islands.			
18	*i·Z*	00 06 08		
	i·Z	06 10		
18	*eP·ZN*	01 18 00		
	iS·E	20 19		
	L·NE	21		
	$\Delta = 13°$. Iceland.			
18	*eP·Z*	02 26 29		
	L	29		
	$\Delta = 13°$. Iceland.			
18	*eP·Z*	04 37 01		
	L·E	40		
	$\Delta = 13°$. Iceland.			
18	*i·Z*	07 56 15		
	i·Z	56 17		
18	*eZ*	17 22 46		
18	*eZ*	19 47 18		
19	*eP·Z*	05 26 48		
	e·N	33 44		
	L·E	40.5		
	$\Delta = 49°$. Kurile Islands.			
19	*i·Z*	05 59 50		
	i·Z	06 00 10		
	Near.			
22	*e·Z*	05 07 09		
	Near?			
23	*eP·Z*	05 18 27		
	L·E	32		
	$\Delta = 47°$. Mongolia.			
24	*eP·Z*	04 57 21		
	eP·Z	57 24		
	L·E	05 22		
	$\Delta = 51°$. China.			
24	*eZ*	05 46 15		
	eZ	46 33		
	Near.			

June

25 *iP·Z* 01h23m09s

25 *iP·Z* 01 59 56

25 *eP·Z* 09 50 23
Δ = 101°. New Guinea.

26 *eP·Z* 04 46 25
i·Z 48 06
eS·E 52 46
e·E 53 44
i·E 56 09
ei·E 57 09
Δ = 45°. Kamchatka.

26 *e·Z* 07 26 36

26 *i·Z* 07 50 50

26 *i·Z* 23 09 02
i·Z 09 04
i·Z 09 22

27 *iP·Z* 05 56 04
eipP·Z 56 22
iS·E 06 05 34
Δ = 74°. *h* = 60 km. El Salvador.

27 *Z* 21 39.5

28 *Z* 13 38 14
Z 15 47 48
Z 15 49 00
Z 17 01 51
Z 17 03 04
Z 17 17 36
Z 17 18 48
Swarm of "Near"s.

June

29 *ePPP·Z* 03h45m20s
eS·NE 49 40
Δ = 101°. *h* = 150 km. Peru.

30 *iP·ZNE* 08 51 12 + 3.9 mm.
eScP·Z 56 22
S·NE 58 00 in the time break.
eSS·N 58 39
Δ = 48°. Dodecanese Islands.

30 *eP·Z* 14 05 15 +
iP·Z 05 16 –
i!·Z 05 23 –
iS·Z(NE) 07 37 *Z*: +
i!S·Z(NE) 07 39 *Z*: –
Δ = 14°. Baffin Bay.

30 *iP·Z* 18 37 13
eS·NE 46 04 *E*: +
e·E 46 25
e·E 47 09
L·NE 59
Δ = 67°. Honshu.

30 Swarm of "Near"s 20h–21h

30 *iP·Z* 21 00 31 +
iZ 00 49 +

November 1959.

Jørgen Hjelme
Erik Hjortenberg

Microseisms. Nord

1958 April	*N* 0h	6h	12h	18h	*E* 0h	6h	12h	18h	1958 April
1	.. ..	1 1.1 5.4	1 0.8 5.4	3 0.4 5.–	.. ..	1 0.7 5.3	1 0.5 5.–	3 0.5 5.6	1
2	2 0.3 4.–	2 0.4 4.9	3 0.3 5.3	3 0.2 5.–	2 0.3 5.–	2 0.4 4.8	2 0.4 5.6	.. ..	2
3	2 0.2 5.–	3 0.4 8.–	3 0.3 8.–	3 0.4 8.0	2 0.3 5.0	2 0.3 5.2	3 0.6 8.–	3 0.6 8.0	3
4	3 0.2 4.7	3 0.3 8.–	3 0.2 7.–	3 0.2 4.7	3 0.4 4.9	3 0.2 4.3	3 0.3 5.0	3 0.2 5.7	4
5	3 0.2 4.8	3 0.2 4.4	2 0.2 4.4	2 0.2 4.4	3 0.1 4.9	3 0.2 4.7	2 0.2 4.7	2 0.2 4.–	5
6	2 0.1 5.0	2 0.2 4.3	2 0.2 4.2	2 0.2 4.9	2 0.1 4.9	2 0.2 4.7	2 0.2 4.7	2 0.2 5.2	6
7	2 0.2 5.0	2 0.2 5.4	2 0.2 5.5	2 0.2 5.–	2 0.2 4.9	2 0.2 5.–	2 0.2 4.9	2 0.2 4.–	7
8	2 0.2 4.9	3 0.2 4.–	3 0.2 4.6	3 0.2 4.0	2 0.2 5.0	2 0.2 5.0	3 0.2 4.7	3 0.2 4.7	8
9	2 0.2 5.2	3 0.2 5.0	2 0.3 5.–	2 0.2 4.5	2 0.2 5.–	3 0.2 4.4	2 0.2 4.6	2 0.2 4.8	9
10	2 0.3 4.7	2 0.3 4.6	2 0.3 4.9	2 0.4 5.0	2 0.2 4.8	3 0.2 4.4	2 0.2 5.3	2 0.3 4.8	10
11	2 0.4 5.–	2 0.3 5.6	2 0.3 4.7	2 0.4 4.7	2 0.2 5.4	2 0.3 4.9	2 0.2 4.6	2 0.4 4.3	11
12	2 0.5 5.0	2 0.4 5.0	2 0.2 4.0	2 0.2 4.5	2 0.4 4.7	2 0.3 4.6	2 0.3 4.6	2 0.2 4.0	12
13	2 0.2 4.4	2 0.2 5.–	3 0.1 4.–	2 0.1 4.6	2 0.2 4.6	2 0.2 4.8	3 0.1 5.–	2 0.1 4.7	13
14	2 0.2 4.–	2 0.2 5.0	2 0.2 5.0	2 0.2 5.–	2 0.1 4.5	2 0.1 5.0	2 0.1 5.0	2 0.1 4.6	14
15	2 0.2 5.0	2 0.2 4.4	2 0.2 5.–	3 0.3 5.0	2 0.2 4.0	2 0.2 5.4	2 0.2 5.0	3 0.2 4.5	15
16	2 0.2 4.0	2 0.2 4.0	2 0.2 3.9	2 0.2 4.4	2 0.2 4.6	2 0.2 4.5	2 0.2 4.5	2 0 2 4 3	16
17	2 0.2 4.–	2 0.2 5.1	2 0.3 5.–	2 0.3 5.0	2 0.3 4.7	2 0.3 5.0	2 0.4 5.2	2 0.2 5.0	17
18	2 0.2 4.5	2 0.2 4.6	2 0.2 4.9	2 0.1 4.9	2 0.2 5.0	2 0.2 4.6	2 0.2 4.7	2 0.2 4.7	18
19	2 0.1 4.0	2 0.1 4.–	2 0.1 4.8	2 0.1 4.8	2 0.2 4.7	2 0.1 4.9	2 0.1 4.6	2 0.1 4.7	19
20	2 0.1 4.8	2 0.2 4.5	2 0.2 4.6	2 0.3 5.2	2 0.1 4.7	2 0.1 4.5	2 0.2 4.6	2 0.4 5.2	20
21	1 0.7 5.9	1 1.6 6.0	1 1.5 7.0	3 1.0 7.–	1 0.9 5.5	1 1.3 6.0	1 1.5 7.0	3 1.1 7.–	21
22	3 0.6 6.0	3 0.8 5.–	3 0.8 6.–	1 0.6 6.0	3 0.7 6.–	3 0.5 5.–	3 0.7 6.–	1 0.5 6.2	22
23	1 0.4 6.–	3 0.3 6.–	3 0.3 5.–	2 0.5 5.–	1 0.4 5.9	3 0.2 6.–	3 0.5 6.–	2 0.4 5.0	23
24	3 0.2 4.0	2 0.2 4.8	2 0.2 4.2	2 0.3 4.4	3 0.3 5.–	2 0.3 5.1	2 0.2 4.7	2 0.3 4.6	24
25	2 0.4 5.6	1 0.6 5.6	1 0.5 5.4	3 0.5 5.4	2 0.4 5.7	1 0.6 5.4	1 0.5 5.7	3 0.3 5.0	25
26	.. ..	2 0.3 5.0	2 0.4 5.0	2 0.5 5.–	2 0.3 4.9	2 0.3 5.0	2 0.3 5.0	.. ..	26
27	2 0.3 4.7	2 0.3 4.4	2 0.4 4.5	3 0.4 5.4	2 0.2 4.3	2 0.2 4.0	2 0.2 4.0	2 0.4 5.2	27
28	2 0.4 5.1	2 0.6 5.1	2 0.5 4.9	2 0.4 4.8	2 0.5 5.0	2 0.4 5.0	2 0.5 5.0	2 0.3 4.6	28
29	2 0.2 5.0	2 0.4 4.9	2 0.2 4.7	2 0.2 4.6	2 0.2 5.0	2 0.2 4.6	2 0.2 4.9	2 0.1 4.5	29
30	2 0.2 4.6	2 0.2 4.5	2 0.2 4.4	2 0.2 4.6	2 0.2 4.0	2 0.2 4.2	2 0.1 4.2	2 0.2 4.4	30
May									May
1	2 0.2 5.7	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1
2	2 0.2 5.0	2 0.2 4.9	2 0.2 4.9	2 0.2 4.7	2 0.2 5.3	2 0.1 4.6	2 0.1 4.3	2 0.1 4.7	2
3	2 0.2 5.4	2 0.2 5.6	2 0.1 4.9	2 0.1 4.9	2 0.2 5.3	2 0.2 5.–	2 0.2 5.–	2 0.1 5.0	3
4	2 0.1 5.0	2 0.1 4.7	2 0.1 4.9	2 0.1 5.1	2 0.1 4.9	2 0.1 5.1	2 0.1 4.9	2 0.1 4.8	4
5	2 0.2 4.7	2 0.1 4.9	2 0.1 5.0	2 0.1 5.2	2 0.1 5.0	2 0.1 4.6	2 0.1 4.7	2 0.1 5.0	5
6	2 0.1 4.5	2 0.1 4.7	2 0.1 4.8	2 0.1 4.7	2 0.1 4.7	2 0.1 4.9	2 0.1 4.7	2 0.1 4.8	6
7	2 0.1 5.1	2 0.2 5.3	2 0.1 5.1	2 0.1 5.1	2 0.2 4.8	2 0.1 5.0	2 0.2 4.8	2 0.2 5.0	7
8	2 0.1 4.8	2 0.1 5.0	2 0.2 4.8	2 0.1 5.–	2 0.2 4.6	2 0.2 5.–	2 0.2 4.6	2 0.1 4.7	8
9	2 0.2 5.3	2 0.2 4.9	2 0.2 4.9	2 0.1 4.6	2 0.1 4.8	2 0.1 4.8	2 0.1 5.0	2 0.1 5.–	9
10	2 0.2 4.1	2 0.2 5.–	2 0.2 4.8	2 0.2 5.0	2 0.2 4.6	2 0.1 4.4	2 0.1 4.7	2 0.1 4.8	10
11	2 0.2 4.6	2 0.2 4.7	2 0.2 4.1	2 0.2 4.4	2 0.2 4.6	2 0.2 5.0	2 0.2 4.3	2 0.2 4.4	11
12	2 0.2 4.6	2 0.2 4.6	2 0.2 4.8	2 0.2 4.5	2 0.2 4.3	2 0.2 4.8	2 0.2 4.6	2 0.1 4.6	12
13	2 0.2 4.3	2 0.1 4.8	2 0.2 5.–	2 0.2 5.0	2 0.2 4.0	2 0.2 4.6	2 0.2 4.3	2 0.2 4.7	13
14	2 0.1 4.8	2 0.1 5.0	2 0.1 4.9	2 0.2 5.1	2 0.2 3.9	2 0.2 4.3	2 0.2 4.0	2 0.2 4.6	14
15	2 0.2 4.7	2 0.2 5.1	2 0.2 4.6	2 0.1 5.0	2 0.2 4.1	2 0.2 4.9	2 0.2 4.9	2 0.1 4.6	15
16	2 0.2 4.8	2 0.2 5.0	2 0.2 5.0	2 0.2 4.6	2 0.2 4.0	2 0.2 4.6	2 0.1 4.7	2 0.1 5.0	16
17	2 0.2 5.0	2 0.3 5.0	2 0.3 5.4	2 0.3 5.4	2 0.2 5.0	2 0.3 5.4	2 0.2 5.0	2 0.2 5.0	17
18	2 0.2 5.8	2 0.2 5.4	2 0.2 5.2	2 0.2 5.0	2 0.2 5.6	2 0.2 4.9	2 0.2 5.0	2 0.2 4.8	18
19	2 0.2 5.0	2 0.2 4.9	2 0.2 5.4	2 0.2 4.6	2 0.1 4.9	2 0.1 4.8	2 0.2 5.1	2 0.2 5.0	19
20	2 0.2 5.2	2 0.2 5.6	2 0.2 5.2	2 0.2 4.8	2 0.2 5.–	2 0.1 5.3	2 0.2 5.3	2 0.2 4.9	20
21	2 0.2 4.5	2 0.2 4.6	2 0.2 5.0	2 0.1 4.8	2 0.2 4.7	2 0.2 4.8	2 0.2 4.9	2 0.2 4.6	21
22	2 0.2 4.5	2 0.2 5.0	2 0.2 5.0	2 0.1 4.9	2 0.1 4.6	2 0.1 4.5	2 0.1 4.5	2 0.1 4.3	22
23	2 0.2 4.5	2 0.3 5.1	2 0.2 4.9	2 0.2 5.1	2 0.1 4.5	2 0.2 4.9	2 0.2 5.8	2 0.3 5.3	23
24	2 0.2 4.6	2 0.2 4.8	2 0.1 4.6	2 0.1 4.9	2 0.3 5.6	2 0.1 4.7	2 0.1 4.8	2 0.1 5.–	24
25	2 0.1 5.0	2 0.1 4.8	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	2 0.1 4.9	2 0.1 4.8	25
26	2 0.1 4.8	2 0.1 4.8	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	2 0.1 4.9	2 0.1 4.7	2 0.1 4.0	26
27	2 0.1 4.0	2 0.1 4.8	2 0.1 4.5	2 0.1 4.8	2 0.1 4.3	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	27
28	2 0.1 4.2	2 0.1 4.9	2 0.2 4.6	2 0.2 4.6	2 0.1 3.6	2 0.1 3.5	2 0.1 4.0	2 0.2 3.6	28
29	2 0.2 4.1	2 0.2 4.–	2 0.2 4.3	2 0.1 4.2	2 0.2 3.9	.. ..	2 0.1 4.5	.. ..	29
30	2 0.1 4.0	2 0.1 4.7	2 0.1 4.8	2 0.1 5.0	2 0.1 3.9	2 0.1 4.6	2 0.1 4.6	2 0.1 4.9	30
31	2 0.1 4.6	2 0.1 4.9	2 0.2 5.5	2 0.2 4.6	2 0.1 5.0	2 0.1 4.9	2 0.2 5.5	2 0.2 5.3	31

Microseisms. Nord

1958 June	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1958 June
1	2 0.2 4.9	2 0.1 4.6	2 0.1 4.7	2 0.1 4.8	2 0.2 4.8	2 0.1 4.2	2 0.1 4.7	2 0.1 4.6	1
2	2 0.1 4.8	2 0.1 4.8	2 0.1 4.9	2 0.1 4.7	2 0.1 4.1	2 0.1 5.2	2 0.1 4.6	2 0.1 4.9	2
3	2 0.1 4.9	2 0.1 4.7	2 0.1 4.9	2 0.1 4.9	2 0.1 5.0	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	3
4	2 0.1 4.8	2 0.1 4.7	2 0.2 4.8	2 0.1 4.8	2 0.1 4.6	2 0.1 4.8	2 0.2 4.8	2 0.1 4.8	4
5	2 0.1 4.8	2 0.1 5.2	2 0.1 4.6	2 0.1 4.9	.. ..	.. ..	.. ..	2 0.1 4.8	5
6	2 0.1 5.1	2 0.1 5.1	2 0.1 4.9	2 0.1 4.9	2 0.1 4.7	2 0.1 4.6	2 0.1 4.–	2 0.1 4.6	6
7	2 0.1 3.5	2 0.1 4.6	2 0.1 4.4	2 0.1 4.7	2 0.1 3.8	2 0.1 4.5	2 0.1 4.6	2 0.1 4.7	7
8	2 0.1 4.9	2 0.1 5.1	2 0.2 5.3	2 0.4 5.3	2 0.1 4.7	2 0.2 4.8	2 0.3 4.9	2 0.4 5.6	8
9	2 0.3 5.2	2 0.2 4.9	2 0.2 5.3	2 0.1 4.9	2 0.2 5.2	2 0.2 4.6	2 0.2 4.7	2 0.1 4.9	9
10	2 0.2 4.7	2 0.2 4.7	2 0.1 4.8	2 0.1 5.0	2 0.1 5.0	2 0.1 4.5	2 0.1 4.6	2 0.2 4.4	10
11	2 0.2 5.–	2 0.2 4.9	2 0.2 4.7	2 0.3 5.5	2 0.2 5.5	2 0.2 4.7	2 0.2 4.4	2 0.3 4.6	11
12	2 0.4 5.2	2 0.6 5.9	2 0.6 5.5	2 0.4 5.4	2 0.4 4.9	2 0.6 5.7	2 0.6 5.6	2 0.4 5.1	12
13	2 0.3 4.8	2 0.3 5.0	2 0.2 4.7	2 0.1 4.5	.. ..	.. ..	.. ..	2 0.2 4.9	13
14	2 0.1 4.6	2 0.1 4.4	2 0.1 4.0	2 0.1 4.6	2 0.2 4.5	2 0.1 4.3	2 0.1 4.6	2 0.1 4.5	14
15	2 0.1 4.6	2 0.1 5.0	2 0.1 4.8	2 0.1 4.6	2 0.2 4.0	2 0.1 4.6	2 0.1 4.2	2 0.1 4.7	15
16	2 0.1 4.6	2 0.1 4.6	2 0.1 4.9	2 0.1 4.8	2 0.1 4.1	2 0.1 3.9	2 0.1 3.5	.. ..	16
17	.. ..	.. ..	2 0.1 4.–	.. ..	.. ..	.. ..	2 0.1 4.7	2 0.1 4.0	17
18	2 0.2 3.8	.. ..	.. ..	.. ..	2 0.2 4.–	2 0.2 3.8	2 0.2 4.3	2 0.2 4.4	18
19	2 0.2 4.5	2 0.2 4.0	2 0.2 4.0	2 0.1 4.0	2 0.1 3.6	2 0.2 4.0	2 0.2 4.5	2 0.2 4.3	19
20	2 0.2 4.7	2 0.1 4.8	2 0.1 4.7	2 0.1 4.7	2 0.1 4.6	2 0.1 4.6	2 0.1 5.0	.. ..	20
21	2 0.1 4.9	2 0.1 5.0	.. ..	2 0.1 4.7	2 0.2 4.8	.. ..	.. ..	3 0.2 4.–	21
22	2 0.1 4.7	2 0.1 4.8	2 0.1 4.8	2 0.1 5.2	.. ..	.. ..	3 0.2 5.–	2 0.1 4.7	22
23	2 0.1 5.0	2 0.1 4.9	2 0.1 4.8	2 0.1 4.7	2 0.1 4.9	2 0.1 5.0	2 0.1 4.8	2 0.1 4.6	23
24	2 0.1 4.6	2 0.1 4.9	2 0.1 4.9	2 0.1 4.9	2 0.1 4.6	2 0.1 4.9	2 0.1 5.0	2 0.1 4.6	24
25	2 0.1 4.7	2 0.1 5.0	2 0.1 4.8	2 0.1 5.0	.. ..	2 0.1 4.7	2 0.1 4.8	2 0.1 4.9	25
26	2 0.1 4.8	2 0.1 5.0	2 0.1 4.9	2 0.1 4.7	2 0.1 4.6	2 0.1 4.6	2 0.1 4.8	2 0.1 4.8	26
27	2 0.1 4.6	2 0.1 4.6	2 0.1 5.0	2 0.1 5.0	2 0.2 5.0	2 0.1 5.2	2 0.1 4.6	2 0.1 4.7	27
28	2 0.1 4.8	2 0.1 4.9	2 0.1 4.8	2 0.1 5.0	2 0.1 5.3	2 0.1 4.–	2 0.1 4.6	2 0.1 4.9	28
29	.. ..	2 0.1 4.7	2 0.1 4.8	2 0.1 5.0	.. ..	2 0.1 4.6	2 0.1 5.0	2 0.1 5.1	29
30	.. ..	2 0.1 4.7	2 0.1 4.7	.. ..	2 0.1 4.6	2 0.1 4.6	2 0.1 4.6	2 0.1 4.7	30

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, $\nu = 15:1$, $V_0 = 500$. (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 $eP \cdot Z$ 06 01 38
$\Delta = 47°$. Aleutians.

2 $e \cdot Z$ 08 43 39

2 $e \cdot Z$ 12 09 05

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

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

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

3 $i \cdot Z$ 18 59 52

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

5 $e \cdot Z$ 19 08 54
Near.

6 $i \cdot Z$ 02 36 16
$i \cdot Z$ 36 18
Near.

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

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

7 $iP \cdot Z$ 10 54 16

8 $e \cdot Z$ 06 44 17
Z 44 37 1.6 mm.
Near.

8 Z 13 06 58
Near.

9 $eP \cdot Z$ 15 23 40 –

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

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

July

10 $eP \cdot Z$ 07h51m50s

10 $eP \cdot Z$ 12 33 36
$L \cdot NE$ 50
Alaska aftershock?

11 $e \cdot Z$ 14 31 00
Near.

11 $e \cdot Z$ 01 02 56
Near.

11 $e \cdot Z$ 18 14 29
Near.

12 $iP \cdot Z$ 22 54 21 track disappear.
$e(S) \cdot NE$ 54 32
$L \cdot E$ 55

13 $L \cdot NE$ 08 29
$LR \cdot E$ 33.5

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

14 $iP \cdot Z$ 18 13 47
$L \cdot NE$ 14

15 iZ 08 08 01
$\Delta = 48°$. Crete.

15 $e \cdot Z$ 10 07 14
$e \cdot Z$ 07 50

15 $iP \cdot Z$ 14 13 43
Near.

15 $iP \cdot Z$ 19 38 58
Near.

16 $iP \cdot Z$ 19 01 46
Near.

17 iZ 03 04 25

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

17 $e(S) \cdot NE$ 14 09.5
$L \cdot E$ 12

17 $e \cdot Z$ 18 16 56
Near.

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

July

17 $i \cdot Z$ 21h19m29s
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 $iP \cdot Z$ 07h43m02s

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: 12s.
$i \cdot E$ 33 12 3s.
$i \cdot N$ 33 28 6s.

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·Z* 07h42m53s
Δ = 53°. Afghanistan

13 *eP·Z* 20 21 38
Δ = 48°. Aleutians.

14 *iP·Z* 11 36 17 +
eS·E 43 43
eSS·N 48 33
Δ = 52°. Iran.

14 *iP·ZN* 15 03 40 +
iPPP·N 05 58
eScP·Z(N) 09 07 Z: −, N: +.
e(S)·N 10 56 16s, 13 μ.
Δ = 46°. Aleutians.

14 *eP·Z* 15 26 39
Δ = 47°. Aleutians.

14 *iP·Z* 15 35 36
Δ = 52°. Iran.

14 *i·Z* 17 49 09
i·Z 49 32
Near.

15 *Z* 00 03 19
Near.

15 *iP·Z* 06 32 37 +
Δ = 79°. Colombia.

15 *i·Z* 16 10 32 Seismic?

15 *iP·ZNE* 20 03 55
iPPP·Z 06 29
i!·N 06 57
eS·N 10 38
Δ = 46°. Kamchatka.

15 *iP·Z* 22 42 20 +
ipP·Z 43 05 −
iSKS·NE 52 39 − −
iS·N 53 16
isS·N 54 49
i!·NE 56 12 + +
i·E 57 00
Δ = 95°. h = 200 km. Celebes.

16 *i(PKP)·Z* 11 32 07
i·Z 32 17
Δ = 122°. Tonga Islands.

16 *eP·Z* 13 26 24
eS·N 33 30
Δ = 47°. Aleutians.

August

16 *i·Z* 14h59m44s
Near.

16 *iP·ZNE* 19 22 59
e!·Z 23 02
iPPP·E 25 59
iS·N 30 27
eSS·E 33 50
L·NE 45
Δ = 53°. Iran.

17 *i·Z* 16 04 56
Near.

19 *iP·Z* 00 02 52 −
Δ = 49°. Crete.

19 *eP·Z* 16 14 48
Δ = 47°. Aleutians.

19 *eP·Z* 16 37 54
Δ = 45°. Kamchatka.

20 *ePP·N* 03 59 33
Δ = 112°. New Hebrides Islands.

21 *ei·Z* 05 48 48
e·Z 50 37

21 *i·Z* 20 06 57

22 *iPKP·Z* 00 20 41
Δ = 143°. Indian Ocean.

24 *i·Z* 07 05 04

24 *i·Z* 08 12 16
Near?

24 *i·Z* 18 45 57
Near.

25 *i·Z* 09 33 35
i·Z 35 29

25 *iP·Z* 15 38 23
Near.

26 *e·Z* 05 58 49

26 *e·Z* 06 39 16

26 *e·Z* 16 57 08

27 *eP·NE* 15 25 02 No Willmore record.
iPPP·NE 27 30
iS·E 31 42
eSS·NE 35 00
Δ = 46°. Greece.

August

28 *iP·Z* 04h05m02s
Near.

28 *i·Z* 10 55 20

30 *eP·Z* 18 48 55
L·NE 19 11
Δ = 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.
Δ = 33°. Alaska.

September

1 *iP·Z* 15 38 58
Δ = 60°. Japan.

2 *iP·Z* 01 21 48

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

3 *eP·Z* 08 20 12
Δ = 58°. Japan.

4 *iP·Z* 00 11 31
Δ = 47°. Dodecanese Islands.

4 *iPKP·Z* 22 09 56
ePP·ZNE 11 12
iPS·E 20 59
eSS·NE 27 29
Δ = 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
Δ = 46°. Kamchatka.

8 *iP·Z* 15 03 40
Δ = 64°. Japan.

10 *i·Z* 20 29 37
Near.

September

14 *iP·Z* 14h29m16s
iPP·Z 30 53
eS·E 44 25
Δ = 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
Δ = 94°. h = 600 km. Celebes.

18 *i·Z* 05 29 16
Near.

18 *iP·Z* 21 02 12 +
Δ = 53°. Hindu Kush.

18 *iP·Z* 21 38 06
Δ = 96°. Peru.

20 *eP·Z* 05 29 03
Δ = 74°. Vietnam.

20 *i·Z* 05 39 17
Near.

20 *iP·Z* 10 44 55
Δ = 68°. Atlantic Ocean.

20 *e(P)·Z* 17 35 41
Fiji Islands?

21 *iP·Z* 05 55 18
Δ = 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
Δ = 70°. h = 400 km. Bonin Islands.

22 *i·Z* 14 05 40
Near.

22 *ePKP·Z* 19 24 56
ePKS·ZNE 28 20
Δ = 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·E'* 08h38m37s +
Δ = 45°. Kamchatka.

10 *iP·E'* 09 27 23
Tibet-India border.

12 *L·NE* 08 05
Novaya Zemlya.

12 *i·E'* 10 50 28
Near.

12 *iP·E'* 15 29 25
Δ = 70°. China Sea.

13 *i·E'* 02 00 15
Near.

13 *eP·E'* 09 07 04
Δ = 50°. Kirghiz SSR.

14 *eP·E'* 09 14 50
Δ = 47°. Kamchatka.

14 *e·E'* 10 08 14

14 *e·E'* 11 47 22

14 *e·E'* 12 09 22

14 *e·E'* 12 25 02

14 *e·E'* 12 54 27

14 *e·E'* 13 44 27

14 *e·E'* 14 47 53

14 *e·E'* 14 56 24

14 *e·E'* 16 04 13

14 *e·E'* 17 26 32

14 *eP·Z* 21 15 13
Δ = 64°. Japan.

16 *e·Z* 01 31 56
Near.

16 *iP·Z* 12 03 50 +
Δ = 71°. Burma.

17 *i·ZNE* 23 19 53
Near.

18 *L·NE* 10 02
Novaya Zemlya.

October

19 *i·Z* 05h27m39s
i·Z 28 29
Near?

20 *eP·Z* 01 03 58
Δ = 46°. Aleutians.

20 *iP·Z* 01 26 37
ePP·Z 30 54
Δ = 105°. Java.

21 *i·Z* 09 52 32

22 *L·NE* 08 32
Novaya Zemlya.

22 *e·Z* 12 57 53

23 *iP·Z* 06 50 22
Δ = 46°. Greece.

23 *e·Z* 09 47 57

23 *iP·Z* 15 52 14
Δ = 52°. Iran.

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

24 *L·E* 08 15
Novaya Zemlya.

26 *iP·Z* 06 40 39
iS·Z 41 08 10 mm.
Near.

26 *iP·Z* 19 51 06
iS·Z 51 27 10 mm.
Near.

27 *i·Z* 07 55 15
Greenland Sea (from Isfjord).

28 *i·Z* 05 04 27
Near.

28 *iP·Z* 10 56 49
i↑P·Z 56 55
eS·NE 11 05 15
Δ = 62°. Southern Tibet.

28 *iP·Z* 23 58 41
Δ = 47°. Aleutians.

29 *i·Z* 07 11 56

October

29 $iP \cdot Z$ 07h52m44s +
$ePcS \cdot Z$ 58 09
$eS \cdot NE$ 59 32
$eScS \cdot E$ 08 02 34
$eSSS \cdot E$ 03 28
$L \cdot E$ 08 30s; 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: 2s; 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 $i(P) \cdot Z$ 03h21m19s + 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 15s; Z: 3mm; N, E: 600μ.
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

7 $iP \cdot Z$ 00 45 41
$iPeP \cdot Z$ 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 $i \cdot Z$ 20h02m22s
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 $i \cdot Z$ 21h42m42s
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 2s.
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

1958 July	*N* 0h	6h	12h	18h	*E* 0h	6h	12h	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 Aug.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1958 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 Oct.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1958 Oct.
17	2 0.2 5.6	3 1.8 7.–	1 1.8 6.0	1 2.1 6.9	2 0.4 5.–	1 1.8 6.0	3 1.5 6.2	.. ..	17
18	1 2.2 6.1	3 1.6 5.3	3 0.6 5.–	2 0.6 5.6	1 2.4 6.7	3 1.3 5.5	.. ..	3 0.3 4.6	18
19	2 0.3 4.8	2 0.6 5.0	2 0.3 4.6	.. ..	2 0.4 4.3	2 0.4 5.0	3 0.3 4.–	3 0.3 4.–	19
20	2 0.6 4.7	1 1.3 5.8	1 1.2 5.7	.. ..	3 0.9 5.1	1 1.2 5.3	3 1.5 6.–	1 2.4 7.0	20
21	1 2.5 6.6	1 3.– 6.6	1 2.2 6.4	1 2.1 5.6	1 2.4 6.4	1 2.4 6.6	1 1.8 6.6	1 1.7 5.6	21
22	1 1.7 5.6	2 0.7 4.8	2 0.7 5.2	2 0.7 5.1	1 2.2 6.2	1 0.8 5.3	2 0.6 5.8	2 0.6 4.8	22
23	3 1.1 4.7	1 1.6 5.5	1 1.2 5.4	1 1.0 5.4	3 0.8 5.7	1 1.6 5.6	1 1.7 5.3	1 1.0 5.2	23
24	2 0.6 4.7	2 0.6 5.0	.. ..	2 0.2 5.1	2 1.0 5.6	2 0.5 5.2	2 0.2 5.0	2 0.3 5.0	24
25	2 0.2 4.7	2 0.3 4.5	2 0.4 4.6	1 1.3 5.2	2 0.2 4.6	2 0.3 4.9	2 0.3 5.0	1 1.2 5.0	25
26	1 1.9 5.7	1 3.6 6.7	1 4.1 6.6	1 3.5 6.7	1 2.0 5.6	1 3.2 6.5	1 3.6 6.3	1 3.3 6.2	26
27	1 3.1 6.5	1 2.9 6.3	1 2.0 6.7	2 0.7 5.6	1 3.6 6.4	1 2.2 6.0	1 1.3 6.7	2 0.8 6.2	27
28	2 0.6 5.2	2 0.4 5.4	2 0.6 5.1	2 0.7 5.3	2 0.5 5.3	2 0.7 5.–	2 0.7 5.3	2 0.6 4.9	28
29	2 0.5 5.6	2 1.3 6.0	2 1.2 6.0	2 0.4 5.0	2 1.0 5.3	2 0.8 5.9	2 1.0 6.0	2 0.8 5.8	29
30	.. ..	2 0.5 5.2	2 0.4 5.2	2 0.2 5.0	.. ..	2 0.5 5.2	2 0.6 5.6	2 0.2 5.3	30
31	2 0.2 4.8	2 0.2 4.8	2 0.2 5.–	2 0.2 4.7	2 0.2 5.2	2 0.2 4.5	2 0.2 3.8	2 0.2 4.6	31
Nov.									Nov.
1	.. ..	.. ..	.. ..	2 0.6 4.6	2 0.4 4.6	2 0.4 4.5	2 0.5 4.4	2 0.7 4.7	1
2	2 0.3 4.5	2 0.6 5.6	2 0.8 5.7	2 0.6 5.4	2 0.6 5.3	2 0.6 5.7	2 1.1 5.6	2 0.5 5.7	2
3	2 0.7 4.9	2 0.6 4.5	2 0.6 4.9	2 0.9 4.9	2 0.7 5.2	2 0.6 5.0	2 0.8 4.7	2 0.8 4.7	3
4	2 0.7 4.9	.. ..	.. ..	2 0.6 5.2	2 1.1 5.0	2 1.3 5.8	2 0.8 5.0	2 0.4 5.–	4
5	2 0.4 5.0	2 0.3 4.7	2 0.4 5.2	2 0.2 4.0	2 0.2 4.9	2 0.3 4.7	2 0.3 4.6	2 0.2 4.7	5
6	2 0.6 5.3	2 0.6 5.0	2 0.6 5.1	2 0.6 5.5	2 0.5 5.2	2 0.6 5.0	2 0.3 4.6	2 0.6 5.5	6
7	.. ..	.. ..	2 0.5 5.2	2 0.4 4.8	.. ..	2 0.7 5.7	2 0.6 5.4	2 0.6 5.4	7
8	2 0.2 5.0	.. ..	3 0.5 4.5	3 0.8 5.2	2 0.4 4.8	2 0.6 4.7	3 0.5 4.5	3 0.6 5.–	8
9	2 0.6 5.0	2 0.6 5.0	2 0.6 5.2	2 0.9 5.0	2 0.4 5.2	2 0.4 5.0	2 0.6 5.0	2 1.2 5.5	9
10	2 0.8 5.0	2 0.8 5.3	2 0.7 5.3	2 0.6 5.0	2 0.9 5.8	2 1.0 5.3	2 0.8 5.5	2 0.6 5.8	10
11	1 1.4 6.1	1 1.5 6.1	3 0.9 6.0	3 0.9 6.0	2 1.3 5.8	3 2.0 6.3	3 1.5 6.7	3 0.5 5.3	11
12	2 0.6 5.0	2 0.6 5.5	2 0.4 6.4	.. ..	2 0.6 5.0	2 0.6 5.6	2 0.6 5.5	.. ..	12
13	.. ..	1 1.3 6.0	1 1.7 6.1	1 2.9 6.0	.. ..	1 1.4 5.5	1 2.3 5.7	1 2.3 6.0	13
14	1 2.1 6.0	1 1.2 5.5	2 0.8 4.7	2 0.6 5.2	1 2.1 6.1	1 1.6 6.0	2 1.0 5.4	2 0.6 5.0	14
15	2 0.4 4.4	.. ..	2 0.4 5.2	2 0.7 5.6	2 0.4 4.4	2 0.6 5.3	2 0.7 5.6	2 0.6 5.2	15
16	2 1.2 5.7	2 0.9 5.8	2 0.7 5.7	2 0.6 5.3	2 0.8 5.6	2 0.7 5.5	2 0.6 5.4	2 0.4 5.0	16
17	2 0.6 5.6	2 0.9 5.9	1 0.9 5.9	1 1.3 5.8	2 0.8 5.7	2 0.8 5.4	2 1.2 5.4	3 1.2 5.4	17
18	1 1.4 6.0	1 1.4 6.0	1 1.1 5.7	2 1.2 5.5	1 1.2 6.–	1 1.7 5.8	1 1.7 6.3	2 1.0 5.6	18
19	3 0.6 5.0	3 0.6 5.–	2 0.5 5.5	2 0.2 5.5	2 0.8 6.0	2 0.6 5.0	2 0.6 4.9	2 0.2 5.3	19
20	2 0.2 4.7	2 0.2 4.1	2 0.3 4.–	2 0.3 4.9	2 0.2 4.2	2 0.2 3.8	2 0.2 4.–	2 0.4 4.4	20
21	2 0.3 4.6	2 0.6 5.1	2 0.4 5.3	2 0.3 5.0	2 0.2 5.1	2 0.2 4.7	3 0.2 3.–	3 0.3 5.–	21
22	2 0.2 5.0	2 0.4 5.0	2 0.7 5.7	2 0.7 5.6	2 0.3 5.0	2 0.6 5.0	2 0.4 5.0	2 0.8 5.4	22
23	2 1.2 5.5	2 0.8 5.3	2 0.6 4.9	2 0.7 5.0	2 1.0 5.6	2 0.6 5.7	2 0.8 5.–	2 0.4 4.7	23
24	2 0.7 4.6	2 0.7 5.0	1 1.6 5.5	1 1.7 5.7	2 0.7 4.7	2 1.0 4.6	1 1.2 5.7	1 1.9 6.0	24
25	2 1.3 6.2	2 1.3 5.6	1 0.9 5.8	2 1.4 5.7	2 1.7 5.6	2 1.6 6.0	1 1.4 6.0	2 1.4 6.3	25
26	.. ..	2 1.3 5.4	3 1.3 5.6	3 1.0 5.–	2 1.2 6.3	3 1.3 6.–	3 1.6 5.6	3 1.7 6.0	26
27	3 0.8 5.6	3 1.6 5.6	3 1.9 7.4	3 1.1 6.5	3 1.0 6.0	3 1.6 7.6	3 1.1 7.4	3 2.3 7.3	27
28	.. ..	1 2.1 6.0	3 1.5 6.–	3 1.3 6.–	.. ..	1 2.4 6.5	3 1.8 6.0	3 1.8 6.0	28
29	3 1.6 6.–	3 1.6 5.7	3 1.6 6.–	3 1.4 5.4	.. ..	.. ..	3 2.5 6.–	3 2.0 6.2	29
30	.. ..	2 1.0 5.3	2 0.6 5.0	2 0.6 5.2	.. ..	2 0.9 5.0	2 0.6 5.2	2 0.4 5.–	30
Dec.									Dec.
1	2 0.8 5.6	3 0.9 6.–	3 1.5 7.–	3 1.2 6.–	2 0.8 5.8	3 0.9 6.–	3 1.0 7.0	3 0.8 7.0	1
2	2 1.0 6.3	3 1.0 5.6	3 1.0 5.8	2 0.7 5.7	2 0.7 5.5	2 0.7 5.4	2 0.8 6.3	2 0.8 5.9	2
3	2 0.6 5.6	3 0.6 4.9	3 0.6 6.–	3 0.4 6.–	2 0.3 6.4	2 0.2 5.4	2 0.2 5.4	2 0.2 5.7	3
4	3 0.4 5.0	2 0.4 5.2	1 1.1 5.6	3 0.7 6.3	.. ..	2 0.7 5.7	2 0.9 5.9	2 0.6 5.6	4
5	2 0.6 5.4	2 0.7 5.7	2 0.7 5.5	2 1.0 5.5	.. ..	.. ..	.. ..	.. ..	5
6	2 1.1 6.5	.. ..	.. ..	3 0.2 4.7	2 0.8 5.6	3 0.6 5.3	2 0.6 4.6	3 0.3 4.5	6
7	2 0.4 5.0	2 0.5 5.1	2 0.6 5.4	2 0.4 5.3	.. ..	2 0.5 5.2	2 0.6 5.5	2 0.3 4.8	7
8	2 0.5 5.5	2 0.7 5.3	2 0.6 5.5	2 0.6 5.0	2 0.5 5.4	2 0.6 4.9	2 0.6 4.7	2 0.5 5.6	8

Microseisms. Nord

1958 Dec.	N 0h	6h	12h	18h	E 0h	6h	12h	18h	1958 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