No. 39 July-Dec. 1959

GEODÆTISK INSTITUT

Proviantgården · Copenhagen · Denmark

Bulletin of the seismological station

SCORESBYSUND

$\varphi = 70°29'$ N. $\lambda = 21°57'$ W. $h = 69$ m.

Lithologic foundation: gneiss

Instruments

Galitzin-Wilip. N and E. $T_p = T_g = 12$ sec, $\mu^2 = 0$, $\frac{Ak}{\pi l} = 300$ or V_{max} abt. 1000.

Galitzin-Wilip. Z. $T_p = 9$ sec, $T_g = 10$ sec, $\mu^2 = 0$, $\frac{Ak}{\pi l} = 200$ or V_{max} abt. 600.

Grenet Z'. $T_p = 1$ sec, $T_g = {}^1/_4$ sec. V_{max} abt. 30000.

Seismological Readings

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

Microseismic Readings

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

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July

1 *iP·Z′Z* 2h39m06s
epP·Z′Z 41 00
e·ZN 42 03
e·E 46 55
iS·NE 48 30
eSP·Z 49 28
esS·E 51 46
eSS·N 53.9
Δ = 80°. *h* = 550 km. Bonin Islands.

2 *ePKP·Z′* 11 45 43
Δ = 127°. *h* = 650 km. Fiji Islands.

2 *iPKP·Z′* 11 52 18
Δ = 127°. *h* = 650 km. Fiji Islands.

3 *iP·Z′* 5 29 42
L·NE 44
Δ = 47°. Kodiak Island.

3 *iPKP·Z′Z* 18 14 13
ePP·N 15 56
L·NE 53
Δ = 125°. New Hebrides Islands.

3 *iPKP·Z′Z* 18 14 54
eSKS·N 22 06
eSKKS·N 23 52
iPS·N 26 53
Repetition.

4 *eP·NE* 7 42 22
eS·NE 43 33
Δ = 6°. Arctic Ocean. No verticals working.

6 *iP·Z′Z* 9 23 10
ipP·Z′Z 25 25
iSKS·NE 32 50
eSKKS·NE 33 27
iS·NE 33 55
iSP·Z′ZNE 35 30
iPS·NE 35 40
e·NE 39 30
Δ = 101°. *h* = 600 km. Argentina.

6 *iP·Z′Z* 9 36 19
ipP·Z′Z 38 25
ePP·Z′Z 40 37
iSKS·ZNE 46 02
iSKKS·NE 46 37
iS·NE 47 07
iSP·Z′ZNE 48 40
Δ = 101°. *h* = 600 km. Argentina.

7 *i·Z′* 13 47 57

8 *iP·Z′ZNE* 2 04 10 5s. *Z*: −, *N*: + 4 *μ*, *E*: + 16 *μ*.
iS·ZNE 04 18
Δ = 1°. East of the station.

July

8 *iP·Z′E* 2h27m08s
iS·E 27 19
Aftershock.

8 *eP·Z′* 2 45 21
iS·Z′ 45 33
Aftershock.

8 *eP·Z′* 4 11 12
Δ = 65°. *h* = 100 km. Kurile Islands.

9 *e(L)·NE* 15 40 33
F·NE 41.3
Aftershock to 8d2h?

9 *eP·Z′* 16 18 46
e·Z′N 18 55
epP·Z′N 19 12
e·E 22 28
iPP·NE 22 58
iSKS·NE 29 08
iS·NE 29 50
i·E 30 05
isS·N 30 43
eSS·NE 36 20
L·NE 51
Δ = 97°. *h* = 100 km. Chile-Bolivia border.

11 *ePP·Z′* 12 22 56
e·Z′ 23 12
e·N 26 59
eSS·NE 40 04
Δ = 128°. Indian Ocean.

12 *iPKP·Z′* 0 42 46
Δ = 127°. *h* = 400 km. Fiji Islands.

13 *e(L)·NE* 1 41 17
Δ = 5°. Jan Mayen.

13 *iP·Z′Z* 12 38 26
iPcP·Z′ 39 26
iS·E 46 14
Δ = 56°. Aleutian Islands.

The station closed for repair 13d13h—18d14h.

18 *eP·Z′* 20 07 45
i·Z′ 07 48
iPP·Z′NE 11 19
iSKS·NE 18 04
iS·NE 18 24
eSS·E 24 14
i·E 31 04
Δ = 90°. *h* = 150 km. Philippine Islands.

19 *iP·Z′NE* 15 19 00
ipP·Z′NE 19 55
i·E 22 10
iSKS·NE 29 14
iS·NE 29 40
Δ = 92°. *h* = 200 km. Peru.

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July

20 *ePP·NE* 2h59m19s
epPP·NE 3 01 00
iSKS·NE 04 30
$\Delta = 109°$. $h = 500$ km. Java Sea.

No recording 20d12h—26d23h.

27 *eP·Z′* 0 54 11
e(L)·NE 55 24
$\Delta = 4°$. Jan Mayen.
No recording 29d 17h—aug. 2, 23h.

August

7 *eP·Z′NE* 10 52 20
ePP·NE 54 13
iS·NE 59 24
eSS·NE 11 03.0
L·NE 10
$\Delta = 49°$. Kodiak Island.

7 *eP·Z′N* 21 54 13
ePP·NE 56 06
iS·NE 22 01 16
eSS·NE 04.4
L·NE 09
$\Delta = 49°$. Kodiak Island.

8 *eP·Z′N* 0 57 15
ePPP·N 1 00 21
eS·NE 04 51
L·NE 13
$\Delta = 54°$. Kamchatka.

9 *L·E* 1 19.7

11 *L·NE* 13 42.8
Jan Mayen?

11 *L·NE* 14 21.3
Jan Mayen?

11 *e(P)·Z′* 14 21 33
$\Delta = 5°$. Jan Mayen.

11 *L·NE* 15 05.2
Jan Mayen.

11 *L·N* 16 13.1
Jan Mayen.

12 *L·NE* 1 15

12 *L·Z′NE* 1 32.6

12 *eSKS·N* 10 24 24
eSS·NE 36.0
L·NE 59
$\Delta = 124°$. Fiji Islands.

August

12 *L·NE* 21h22m
F 27

15 *iP·Z′NE* 9 09 34 –
ePP·E 12 49
iS·NE 19 57
L·NE 37
$\Delta = 83°$. Formosa.

15 *eP·Z′* 18 51 27
$\Delta = 55°$. Kamchatka.

16 *L·NE* 2 02

17 *eP·Z′* 1 15 04
$\Delta = 83°$. Formosa.

17 *iP·Z′* 1 40 21
(e)S·NE 46 (01) in the time break.
L·NE 54
$\Delta = 36°$. Albania.

17 *ePP·N* 21 24.6
eSKS·N 30.2
ePS·N 34 46
L·NE 22 00
$\Delta = 118°$. Solomon Islands.

18 *iP·Z′* 0 46 15 +
$\Delta = 83°$. $h = 200$ km. Formosa.

18 *(i)P·Z′* 6 46 04 in the time break.
iS·N 53 04
$\Delta = 48°$. Montana, U. S. A.

18 *iP·Z′* 8 05 01
Repetition.

18 *eP·Z′* 8 50 31
Repetition.

18 *L·N* 11 28
Repetition.

18 *iP·Z′* 15 34 50 +
iS·N 41 55
eSS·N 45 20
L·N 51
Repetition.

18 *i(P)·Z′* 15 44 32
Repetition?

19 *eS·N* 4 19 51
L·N 26
Repetition.

20 *eP·Z′* 7 31 26
$\Delta = 88°$. Peru.

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August

21 *ePKP2·Z′* 8h23m50s
$\Delta = 158°$. South of Australia.

21 *ePKP2·Z′* 8 26 07
Repetition.

21 *ePKP2·Z′* 9 58 23
Repetition.

23 *eP·Z′* 22 28 37
$\Delta = 36°$. Western Mediterranean Sea.

24 *ePP·Z′* 21 51 03
eSKS·N 56.7
i·E 59 10
eSS·NE 22 07.3
L·NE 22.5
$\Delta = 120°$. Solomon Islands.

26 *iP·Z′ZNE* 8 36 27 *Z′, Z*: +
iS·NE 45 18
iPS·NE 45 30
M·NE 9 05 20s. *N*: 22 μ, *E*: 22 μ.
ePKPPKP·Z′ 04 53
$\Delta = 67°$. M = 6½. Mexico.

26 *iP·Z′Z* 10 36 30 +
eS·NE 43 28
eSS·NE 46.6
L·NE 50.8
M·NE 54 20s. *N*: 12 μ, *E*: 18 μ.
$\Delta = 49°$. $M = 6^1/_4$. Queen Charlotte Islands.

28 *L·NE* 10 36

28 *eP·Z′* 12 15 31
L·NE 29
$\Delta = 42°$. Alaska.

29 *(e)P·Z′NE* 17 12 (23) in the timebreak.
eS·NE 19 47
e·NE 20 05
eSS·NE 23 33
L·NE 28
M·NE 33 20s. *N*: 16 μ, *E*: 16 μ.
$\Delta = 52°$. $M = 6^1/_2$. Baikal Lake, U. S. S. R.

30 *iP·Z′* 3 32 03
L·NE 44
$\Delta = 37°$. Mediterranean Sea.

30 *L·NE* 22 54

31 *iP·Z′* 9 15 34 –
e·Z′ 16 10
$\Delta = 55°$. Aleutian Islands.

September

1 *L·E* 5h47m

1 *iP·Z′ZNE* 7 32 33 +
e(S)·E 36 07
L·NE 37
$\Delta = 19°$. Mid Atlantic Ridge.

1 *eP·Z′Z* 11 44 49
eS·NE 50 34
L·NE 57
$\Delta = 37°$. Albania.

3 *ePP·ZNE* 6 46 42
e·ZNE 50 45
eSKS·NE 52 47
ePS·NE 56 07
L·NE 7 21
$\Delta = 111°$. Celebes.

11 *L·NE* 12 42.3

12 *L·NE* 2 46

14 *L·NE* 10 03

14 *L·NE* 14.3

14 *ePKP·Z′Z* 14 29 01
ePP·NE 31 35
e·ZE 31 58
ePKS·E 32 37
$\Delta = 135°$. Kermadec Islands.

14 15h—20h. *L* from several quakes.

14 *L·NE* 23 30

15 *ePKP·Z′Z* 6 19 03
ePP·ZNE 21 38
ePKS·NE 22 38
eSS·E 39 38
L·NE 7.1
$\Delta = 135°$. Kermadec Islands.

15 *iPKP·Z′* 11 23 40
ipPKP·Z′Z 25 57
iPP·Z′ZN 26 09
eSS·NE 42 29
$\Delta = 130°$. $h = 600$ km. Fiji Islands.

16 *iP·Z′* 5 21 57 +
$\Delta = 43°$. Crete.

16 *e·N* 16 20 46
L·NE 17 09

16 *i·Z′* 17 02 59

September

17 *L·NE* 22h02m

17 *L·NE* 22 47

18 *iPKP·Z'* 12 20 18 +
L·N 13 01
Δ = 128°. Sandwich Group.

24 *iP·Z'* 5 49 00 –
eS·NE 53.4
Δ = 25°. Arctic Ocean.

25 *iP·Z'Z* 2 49 23
iSKS·NE 59 44
e·NE 3 00 09
ePS·NE 00 44
eSS·NE 05 02
L·NE 16
Δ = 84°. Formosa.

26 *iP·Z'* 8 30 27
eS·NE 38 22
L·NE 8.8
Δ = 56°. Oregon, U. S. A.

29 *L·NE* 16 42

30 *ePKP·Z'* 20 45 08
Δ = 128°. New Hebrides Islands.

October

5 *eP·Z'* 18 01 46
eS·NE 06 16
L·E 09.5
Δ = 25°. Arctic Ocean.

5 *eP·Z'* 18 16 40
Repetition.

5 *eP·Z'ZN* 18 33 10
eS·NE 37.6
L·E 40
Repetition.

5 *iP·Z'* 20 41 12
L·NE 51
Δ = 37°. Albania.

7 *iP·Z'* 8 37 49
L·NE 50
Δ = 37°. Albania.

13d13h—18d20h no recording.

19 *iPKP·Z'* 16 14 35 –
L·NE 58
Δ = 124°. Sandwich Group.

October

26 *iP·Z'Z* 7h46m34s +
eS·NE 55 56
eSKS·NE 56 39
L·NE 8 12
Δ = 72°. Japan.

26 *iP·Z'* 10 38 52 +
Δ = 58°. h = 150 km. Kamchatka.

27 *iP·Z'* 7 03 18 +
eS·NE 11 51
L·NE 21
Δ = 63°. h = 100 km. Kurile Islands.

27 *i·Z'* 19 54 44 +

29 *iP·Z'* 14 40 15 +
eS·E 48 19
Δ = 65°. h = 550 km. China-Korea border.

November

1 *e·Z'* 9 28 51
eSn·Z' 29 55
eS·Z'* 30 14
eSg·Z' 30 42
Δ = 7°. Northeastern Greenland.

15 *(i)P·Z'* 10 34 56 in the time break.
Δ = 58°. Kashgar, China.

15 *iP·NE* 17 16 20 compression.
iPP·NE 17 50
iS·NE 22 20
eSS·NE 25 03
L·NE 31
No verticals working.
Δ = 40°. Ionian Sea.

19 *ePP·Z'* 11 28 05
eSKKS·N 34.7
e·Z' 37 52
eSS·E 44.1
Δ = 115°. New Guinea.

19 *iP·Z'* 14 08 09
Δ = 41°. Turkey.

22 *e·Z'* 0 45 42

22 *ePKP·Z'* 16 46 21
Δ = 147°. South Pacific Ocean.

23 *i·Z'* 2 49 27
e·Z' 49 39

26 *ePKP·Z'* 7 24 59
L·NE 8 09
Δ = 116°. Sumatra.

November
26 *ePKP·Z′* 23h28m03s
L·N 24 04
Δ = 116°. Sumatra.

27 *iP·Z′* 0 29 57 –
Δ = 40°. Greece.

30 *iP·Z′* 15 26 57 +
i·Z′ 27 03 –
Δ = 46°. Alaska Peninsula.

December
1 *iP·Z′* 12 46 20 –
Δ = 39°. Greece.

1 *L·N* 16 22

2 *L·N* 10 30

8 *iP·Z′* 8 09 16
Δ = 4°. North of Iceland.

14 *iP·Z′* 22 10 26
Δ = 55°. Aleutian Islands.

December
14 *iPKP·Z′* 23h41m09s –
Δ = 131°. Sandwich Group.

18 *iP·Z′* 16 34 24 +
L·NE 52
Δ = 56°. Aleutian Islands.

21 *eP·Z′* 11 30 39
eS·NE 40 05
L·NE 54
Δ = 72°. Gulf of Aden.

23 *iP·Z′* 3 57 54 –
Δ = 49°. Alaska Peninsula.

27 *iP·Z* 16 02 21 –
L·Z 20
Z′, *N*, and *E* out of work.
Δ = 54°. Kamchatka.

28 *eS·N* 7 38 28
L·N 49
Z′, *Z*, and *E* out of work.
Δ = 57°. Kamchatka.

March 1961. HENRY JENSEN

Microseisms. Scoresbysund

1959 July	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 July
1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1
2	2 0.6 5.6	2 0.6 5.2	2 0.6 5.5	2 0.7 5.0	2 0.5 6.0	2 0.6 5.7	2 0.5 5.4	2 0.5 5.5	2 0.4 5.8	2 0.3 5.0	2 0.3 5.4	2 0.3 5.3	2
3	.. ..	.. ..	.. ..	.. ..	2 0.4 5.2	2 0.4 5.3	2 0.4 5.0	2 0.3 4.9	2 0.2 5.1	2 0.3 5.3	2 0.2 5.5	2 0.2 5.3	3
4	.. ..	.. ..	.. ..	.. ..	2 0.1 4.8	2 0.2 5.0	2 0.3 5.2	2 0.5 5.8	3 0.1 4.9	3 0.2 5.2	2 0.3 5.5	2 0.3 6.0	4
5	.. ..	.. ..	.. ..	.. ..	2 0.6 5.1	2 0.8 5.0	2 0.7 5.7	2 0.6 5.6	1 0.5 5.3	1 0.6 5.0	1 0.7 5.2	1 0.5 4.8	5
6	1 0.5 5.0	3 0.3 5.2	3 0.2 5.0	3 0.2 4.8	2 0.5 5.0	2 0.2 4.9	2 0.2 4.5	2 0.1 4.5	1 0.5 5.0	3 0.3 4.8	3 0.2 4.8	3 0.2 4.5	6
7	3 0.2 4.5	3 0.1 4.5	3 0.1 4.5	.. ..	0.1 4.–	0.1 4.–	2 0.1 4.6	.. ..	2 0.1 4.7	2 0.1 4.3	2 0.1 4.3	.. ..	7
8	.. ..	.. ..	.. ..	.. ..	2 0.1 4.5	2 0.1 4.–	0.1	0.1	2 0.1 4.3	3 0.1 4.–	0.1 4.–	0.1 3.–	8
9	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	0.1 3.–	0.1 3.–	0.1 3.–	0.1 3.–	9
10	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10
11	.. ..	.. ..	.. ..	2 0.2 4.3	0.1	2 0.1 4.2	2 0.2 4.7	2 0.2 4.3	0.1	2 0.2 4.0	2 0.3 4.8	2 0.2 4.5	11
12	2 0.6 5.3	2 0.6 5.1	2 0.6 5.2	2 0.4 4.4	2 0.5 4.8	2 0.6 4.8	2 0.7 4.6	2 0.6 4.8	2 0.3 5.5	2 0.4 4.8	2 0.5 5.3	2 0.3 4.6	12
13	3 0.2 5.0	3 0.1 5.0	3 0.1 5.0	.. ..	2 0.3 4.6	2 0.2 4.5	2 0.2 4.5	.. ..	2 0.2 4.3	2 0.1 4.4	2 0.1 4.3	.. ..	13
14	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	14
15	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	15
16	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	16
17	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	17
18	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	18
19	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	19
20	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	20
21	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	21
22	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	22
23	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	23
24	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	24
25	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	25
26	.. ..	.. ..	.. ..	.. ..	.. ..	2 0.1 4.3	2 0.2 4.3	2 0.2 4.8	.. ..	2 0.1 4.6	.. ..	.. ..	26
27	.. ..	.. ..	.. ..	.. ..	3 0.3 4.6	3 0.3 4.3	3 0.2 4.1	2 0.2 4.8	3 0.3 5.2	3 0.3 4.9	2 0.2 4.0	2 0.2 4.0	27
28	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	28
29	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	29
30	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	30
31	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	31

Microseisms. Scoresbysund

1959 August	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 Aug.
1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	1
2	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	2
3	.. ..	.. ..	.. ..	.. ..	2 0.1 4.8	2 0.2 5.0	2 0.1 5.0	2 0.1 4.5	2 0.2 4.8	2 0.1 4.6	2 0.1 4.5	2 0.1 4.2	3
4	.. ..	.. ..	.. ..	.. ..	2 0.1 4.5	2 0.1 4.3	2 0.1 4.1	2 0.1 4.4	2 0.1 4.5	2 0.1 4.3	2 0.1 4.5	2 0.1 4.4	4
5	.. ..	.. ..	.. ..	.. ..	2 0.2 4.0	2 0.2 3.9	2 0.1 4.2	2 0.1 5.0	2 0.2 4.7	2 0.2 4.2	2 0.1 3.9	2 0.1 4.0	5
6	.. ..	.. ..	.. ..	.. ..	2 0.1 5.0	2 0.1 5.5	2 0.1 5.5	.. ..	2 0.1 4.0	2 0.1 4.5	2 0.1 5.0	.. ..	6
7	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	2 0.1 4.–	2 0.1 5.–	.. ..	0.1	7
8	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8
9	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	0.1	0.1	0.1	0.1	9
10	.. ..	.. ..	.. ..	.. ..	0.1	0.1	2 0.3 3.8	2 0.4 4.3	0.1	3 0.1 3.5	2 0.2 4.0	2 0.3 4.7	10
11	.. ..	.. ..	.. ..	.. ..	3 0.5 5.0	3 0.4 4.8	3 0.4 4.7	.. ..	1 0.6 5.0	1 0.7 4.7	3 0.6 5.1	.. ..	11
12	.. ..	.. ..	.. ..	.. ..	3 0.2 6.0	3 0.1 6.5	.. ..	3 0.1 4.5	3 0.2 3.8	3 0.2 3.4	.. ..	2 0.4 3.3	12
13	.. ..	.. ..	.. ..	.. ..	2 0.2 4.3	0.1	0.1	0.1	2 0.3 3.8	2 0.2 4.5	2 0.1 4.3	0.1	13
14	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	14
15	.. ..	.. ..	.. ..	.. ..	2 0.5 5.5	2 0.4 5.0	2 0.4 5.2	.. ..	3 0.5 6.2	3 0.5 6.0	.. ..	3 0.4 5.0	15
16	.. ..	.. ..	.. ..	.. ..	3 0.3 4.6	.. ..	.. ..	.. ..	3 0.5 5.0	.. ..	.. ..	.. ..	16
17	.. ..	.. ..	.. ..	.. ..	3 0.4 5.0	3 0.5 4.5	3 0.5 5.2	3 0.4 4.3	3 0.6 4.8	3 0.6 5.0	3 0.7 4.4	3 1.0 4.0	17
18	.. ..	.. ..	.. ..	.. ..	3 0.4 4.5	3 0.3 4.8	3 0.2 4.3	3 0.1 4.0	.. ..	.. ..	.. ..	.. ..	18
19	.. ..	.. ..	.. ..	.. ..	2 0.1 4.2	2 0.1 4.0	0.1	2 0.1 5.0	.. ..	.. ..	.. ..	.. ..	19
20	.. ..	.. ..	.. ..	.. ..	2 0.2 4.3	2 0.2 4.5	2 0.3 5.2	2 0.2 5.2	.. ..	.. ..	.. ..	.. ..	20
21	.. ..	.. ..	.. ..	.. ..	2 0.2 4.4	2 0.2 5.2	2 0.3 4.8	2 0.2 4.7	2 0.3 4.5	2 0.3 5.2	2 0.3 5.8	2 0.3 5.3	21
22	.. ..	.. ..	.. ..	.. ..	3 0.2 4.2	3 0.3 4.5	2 0.4 4.3	2 0.5 4.–	3 0.2 4.2	3 0.4 4.3	2 0.4 4.3	2 0.5 4.–	22
23	2 0.5 4.6	2 0.6 5.3	2 0.6 5.1	2 0.6 5.1	2 0.3 4.3	2 0.4 5.4	2 0.5 4.8	2 0.5 5.0	2 0.3 5.0	2 0.4 5.0	2 0.6 4.8	2 0.6 5.0	23
24	2 0.6 5.5	.. ..	.. ..	.. ..	2 0.6 5.2	.. ..	.. ..	.. ..	2 0.6 5.0	.. ..	.. ..	.. ..	24
25	.. ..	2 0.3 4.5	2 0.4 4.6	2 0.3 5.1	.. ..	2 0.3 5.0	2 0.3 4.8	2 0.3 4.9	.. ..	2 0.3 4.7	2 0.2 4.4	2 0.2 4.8	25
26	2 0.3 5.0	2 0.4 4.6	.. ..	2 0.2 5.0	2 0.3 5.1	2 0.3 4.8	.. ..	2 0.2 4.8	2 0.3 5.2	2 0.2 4.5	.. ..	2 0.2 4.8	26
27	2 0.2 4.8	2 0.2 4.5	2 0.2 4.0	2 0.3 4.3	2 0.2 4.6	2 0.2 4.1	2 0.2 4.2	2 0.2 4.5	2 0.2 4.7	2 0.2 4.8	2 0.2 4.3	2 0.2 4.2	27
28	2 0.2 4.1	2 0.2 5.1	2 0.2 4.3	2 0.2 4.9	2 0.2 4.4	2 0.2 4.8	2 0.2 4.0	2 0.1 4.5	2 0.2 4.1	2 0.2 4.3	2 0.1 4.2	2 0.1 4.4	28
29	2 0.2 4.3	.. ..	.. ..	.. ..	2 0.2 4.4	2 0.1 4.1	2 0.1 4.0	.. ..	2 0.1 4.5	2 0.1 4.4	2 0.1 4.3	.. ..	29
30	2 0.2 4.2	1 0.7 4.6	1 1.0 4.2	2 0.7 4.7	2 0.1 4.5	1 0.4 4.2	1 0.5 4.8	1 0.5 4.4	2 0.2 4.5	2 0.4 4.1	1 0.6 4.5	1 0.5 4.4	30
31	2 0.3 4.8	2 0.2 4.6	2 0.2 4.1	2 0.1 4.2	2 0.2 4.8	2 0.1 4.5	2 0.1 4.–	2 0.1 4.–	2 0.2 4.8	2 0.2 4.1	2 0.1 4.2	2 0.1 4.2	31

Microseisms. Scoresbysund

1959 Sept.	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 Sept.
1	3 0.2 4.7	2 0.2 4.4	.. ..	3 0.3 4.2	2 0.2 4.0	2 0.2 4.8	.. ..	2 0.3 4.5	2 0.2 4.0	2 0.2 4.2	.. ..	2 0.3 4.0	1
2	3 0.4 4.2	2 0.4 4.0	2 0.5 3.8	2 0.6 3.6	3 0.3 3.7	3 0.3 3.8	3 0.3 3.8	3 0.4 3.8	3 0.3 3.7	3 0.3 3.8	3 0.3 3.7	3 0.4 3.6	2
3	2 0.5 3.7	2 0.4 4.0	2 0.3 4.1	2 0.3 3.8	2 0.3 3.8	2 0.3 4.0	2 0.2 4.2	2 0.2 3.8	2 0.3 4.0	2 0.2 3.7	2 0.2 4.2	2 0.2 4.1	3
4	2 0.3 3.9	2 0.3 4.6	2 0.6 4.5	1 2.2 5.2	2 0.2 4.6	2 0.3 4.7	2 0.5 4.8	1 1.1 5.2	2 0.2 4.0	2 0.2 4.4	1 0.4 4.5	1 1.2 4.7	4
5	1 2.0 5.3	1 2.2 5.3	3 2.8 4.0	1 5.5 4.2	1 1.4 5.5	1 1.5 5.4	3 1.3 4.5	1 2.4 4.3	1 1.2 4.6	3 1.5 5.0	3 1.5 4.6	1 3.2 4.3	5
6	1 3.8 4.8	1 3.8 5.0	.. ..	1 2.4 4.3	.. ..	.. ..	.. ..	.. ..	1 2.8 4.9	1 2.3 5.0	1 2.– 5.–	1 1.3 4.4	6
7	2 0.8 3.9	2 0.4 4.0	2 0.4 4.0	2 0.4 3.8	2 0.5 3.9	2 0.3 3.8	2 0.2 4.3	2 0.2 4.2	2 0.6 4.0	2 0.4 4.8	2 0.2 4.6	2 0.2 4.2	7
8	2 0.2 4.4	3 0.2 3.4	3 0.6 4.2	1 1.5 4.6	3 0.2 3.8	3 0.2 3.6	3 0.6 4.2	1 0.8 4.8	2 0.1 4.2	3 0.2 3.8	3 0.3 4.0	1 0.9 4.4	8
9	1 1.8 4.2	1 2.4 4.2	1 2.2 4.4	1 2.2 4.8	1 0.9 4.8	1 0.8 4.4	1 0.8 4.2	1 1.5 5.2	1 0.9 4.0	1 0.9 4.1	1 1.3 4.7	1 1.5 4.9	9
10	1 2.5 4.6	1 2.3 4.6	1 2.0 4.4	1 0.9 4.0	1 0.9 4.5	1 1.8 4.7	1 1.0 4.3	1 0.6 5.0	1 1.4 4.8	1 1.3 4.8	1 1.0 5.0	1 0.6 4.6	10
11	1 0.8 4.2	1 0.6 4.4	1 0.7 4.2	1 0.7 4.0	1 0.6 4.5	1 0.4 4.2	1 0.3 4.3	1 0.4 4.8	1 0.6 4.2	1 0.5 4.5	1 0.3 3.9	1 0.4 4.7	11
12	1 0.9 4.0	1 1.4 3.8	1 1.8 3.9	1 3.0 4.7	3 0.5 5.0	3 0.5 4.8	1 1.0 4.0	1 1.3 4.0	1 0.5 5.2	1 0.6 4.5	1 0.9 4.0	1 1.5 4.4	12
13	1 2.0 4.4	1 1.6 4.2	1 1.4 4.0	1 1.0 4.2	1 1.0 4.6	1 0.7 4.3	1 0.8 4.2	1 0.5 4.4	1 1.2 4.7	1 1.2 4.3	1 0.8 3.8	1 0.8 4.2	13
14	1 1.0 3.8	1 0.8 3.7	1 0.7 3.8	1 0.4 3.9	1 0.5 4.1	1 0.6 4.0	1 0.3 3.8	.. ..	1 0.6 4.2	1 0.6 3.8	1 0.5 3.8	.. ..	14
15	2 0.3 4.0	2 0.3 4.2	2 0.5 5.5	1 0.6 5.5	2 0.2 5.2	2 0.2 4.8	3 0.3 5.0	1 0.7 4.8	.. ..	2 0.3 4.6	2 0.4 5.5	1 0.6 5.6	15
16	1 1.0 5.2	1 1.3 5.2	2 0.8 4.8	2 0.8 5.0	1 0.9 5.6	1 0.6 5.2	1 0.6 5.0	2 0.5 4.6	1 0.6 5.5	1 0.8 5.6	1 0.7 5.0	1 0.5 5.0	16
17	2 0.6 5.4	2 0.5 5.1	2 0.4 4.4	2 0.4 5.5	2 0.3 5.6	2 0.3 5.7	2 0.2 4.8	2 0.4 4.6	2 0.3 4.8	2 0.3 5.0	2 0.2 5.2	2 0.3 5.3	17
18	2 0.5 5.4	2 0.2 4.3	2 0.3 4.5	2 0.2 4.3	2 0.2 4.8	2 0.2 4.0	2 0.2 4.6	2 0.2 4.5	2 0.3 4.7	2 0.3 4.8	2 0.2 5.0	2 0.3 5.0	18
19	2 0.5 4.8	1 1.2 6.0	1 2.0 5.8	1 2.4 6.0	2 0.3 5.8	1 0.8 6.2	1 1.1 6.0	1 1.5 6.0	2 0.4 5.7	1 0.9 6.2	1 1.0 6.2	1 1.2 6.0	19
20	1 3.8 6.5	1 3.0 6.8	3 3.0 6.0	3 2.0 6.2	1 2.0 7.1	1 1.8 7.0	1 1.9 6.6	1 1.2 6.3	1 2.5 7.0	3 1.3 6.8	3 1.3 6.8	3 1.2 6.2	20
21	2 0.9 6.0	2 1.0 6.5	2 1.0 6.3	1 1.0 6.0	3 0.7 6.0	2 0.6 7.0	3 0.5 6.0	2 0.7 6.3	1 1.0 6.0	1 0.7 5.8	1 0.8 6.3	2 0.6 5.8	21
22	2 1.0 6.3	2 1.2 6.3	3 0.7 4.8	3 0.8 5.3	1 0.5 6.2	1 0.8 6.8	3 0.8 5.8	3 0.6 5.2	1 0.6 6.2	3 0.6 5.8	3 0.5 5.8	3 0.5 4.7	22
23	3 0.8 4.8	3 0.6 4.5	3 0.6 5.0	2 0.7 4.6	3 0.4 5.3	3 0.4 4.5	3 0.3 4.8	2 0.4 4.3	3 0.3 4.8	3 0.3 4.2	2 0.3 4.2	2 0.4 4.5	23
24	2 0.6 4.3	2 0.5 4.0	2 0.7 3.8	2 0.8 4.3	2 0.4 4.5	2 0.4 4.3	2 0.5 4.0	2 0.6 4.0	2 0.4 4.3	2 0.3 4.7	2 0.3 4.2	2 0.4 4.2	24
25	1 1.0 4.0	3 0.7 4.0	1 1.2 4.3	1 1.8 4.0	1 0.5 4.2	2 0.5 4.5	3 0.6 4.5	1 0.6 4.8	1 0.6 4.0	1 0.5 4.1	1 0.6 4.1	1 0.9 4.5	25
26	1 1.9 4.7	1 2.2 4.5	1 2.5 5.1	3 2.3 5.0	1 1.0 4.8	1 0.8 4.8	1 1.0 4.7	1 1.2 4.5	1 0.7 5.0	1 1.3 5.0	1 1.6 4.8	1 1.4 5.1	26
27	3 2.2 5.0	1 2.4 4.2	1 1.6 4.2	2 1.0 4.7	1 1.0 4.8	1 0.9 5.1	1 1.0 5.5	1 0.8 5.4	1 1.1 4.8	1 1.2 4.8	3 0.7 4.6	1 0.7 4.6	27
28	1 2.3 5.4	3 3.0 5.8	1 3.2 5.5	1 4.3 5.4	1 1.3 5.2	3 1.8 5.8	1 1.7 5.8	1 2.0 5.8	1 0.9 4.9	1 1.6 5.8	1 1.5 5.2	1 1.5 5.2	28
29	1 2.7 5.6	1 3.5 4.9	1 3.0 4.9	1 1.8 4.8	1 1.8 5.4	1 1.6 5.5	1 1.2 5.3	1 0.9 4.6	1 2.0 5.5	1 1.6 5.7	1 1.3 5.5	1 1.0 4.8	29
30	1 1.8 5.5	1 1.2 4.8	1 1.3 4.3	1 1.3 4.7	1 0.8 5.0	2 0.7 4.3	2 0.8 5.0	3 0.7 4.2	1 0.6 4.5	1 0.8 4.5	1 0.6 4.0	1 0.8 4.5	30

Microseisms. Scoresbysund

1959 Oct.	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 Oct.
1	3 1.1 5.5	3 1.7 5.5	1 4.0 6.8	1 4.0 6.3	3 0.6 4.5	3 1.2 7.0	1 2.5 6.5	1 2.8 6.3	3 0.5 5.0	3 1.1 5.0	1 2.0 6.3	1 3.0 7.2	1
2	1 3.0 6.2	3 1.4 5.5	3 1.2 5.4	.. ..	1 1.6 6.2	3 0.9 5.5	3 0.7 6.1	.. ..	1 1.7 6.5	3 0.8 4.8	3 0.8 6.0	.. ..	2
3	.. ..	.. ..	.. ..	3 1.4 5.3	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	3 0.6 5.1	3
4	.. ..	.. ..	.. ..	.. ..	3 0.7 5.6	2 0.6 5.8	2 0.5 5.6	3 0.4 4.9	3 0.5 5.8	3 0.6 5.2	3 0.5 4.8	2 0.5 5.2	4
5	2 0.3 4.5	2 0.3 5.2	2 0.2 4.3	2 0.2 4.6	2 0.2 5.2	2 0.2 4.6	2 0.2 4.8	2 0.2 4.8	2 0.3 5.0	2 0.2 5.0	2 0.2 4.4	2 0.1 4.7	5
6	2 0.2 4.1	2 0.5 4.0	2 0.7 3.8	1 1.3 4.2	2 0.1 4.7	2 0.3 4.5	2 0.4 3.9	1 0.8 3.9	2 0.1 4.5	2 0.2 4.2	2 0.4 3.7	1 0.7 4.0	6
7	1 2.6 4.0	1 2.3 3.9	1 2.8 3.8	1 2.5 4.0	1 1.0 4.0	3 1.5 4.1	3 1.2 4.1	3 1.7 4.8	1 0.9 4.5	1 1.3 4.2	1 1.5 4.0	1 1.5 4.1	7
8	3 1.4 3.8	3 1.0 5.0	3 0.8 5.3	2 1.0 5.5	3 0.8 3.8	3 0.9 4.8	3 0.7 5.2	1 0.7 5.2	3 1.0 3.9	3 0.8 4.2	3 0.7 5.2	1 0.7 5.7	8
9	1 2.2 5.8	1 3.0 6.0	1 5.5 6.8	1 9.0 6.8	1 1.6 6.8	1 1.7 7.1	1 4.0 7.5	1 7.0 7.0	1 1.0 6.5	1 1.8 6.0	1 3.5 7.5	1 7.– 7.–	9
10	1 6.5 7.0	1 4.0 6.5	1 3.0 6.0	1 1.4 6.2	1 5.– 7.–	1 3.3 6.8	1 1.9 6.3	1 1.5 6.7	1 6.0 6.5	1 2.3 6.5	1 1.5 6.5	3 1.4 6.0	10
11	3 1.3 5.7	3 1.0 4.8	3 1.1 5.3	.. ..	3 0.9 5.8	3 0.8 5.2	.. ..	.. ..	3 1.0 5.0	3 0.6 4.8	3 0.6 5.3	.. ..	11
12	.. ..	.. ..	.. ..	3 0.6 5.2	.. ..	.. ..	.. ..	3 0.5 5.2	.. ..	.. ..	.. ..	3 0.5 5.2	12
13	3 0.9 4.2	3 0.8 4.2	3 0.7 4.0	.. ..	3 0.7 5.0	3 0.6 4.8	3 0.4 4.8	.. ..	3 0.6 5.0	3 0.6 4.3	3 0.6 4.2	.. ..	13
14	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	14
15	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	15
16	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	16
17	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	17
18	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	18
19	1 6.5 4.8	1 4.0 5.8	3 2.2 5.4	1 1.8 5.2	1 3.5 5.5	1 2.9 5.3	1 1.8 5.7	1 1.6 5.5	1 3.5 4.7	1 3.0 5.2	1 1.5 5.3	1 1.2 5.5	19
20	3 1.2 4.5	3 1.4 6.0	1 2.3 5.8	1 1.4 5.7	3 1.0 5.8	3 1.0 5.8	1 1.1 5.8	1 1.0 5.2	3 1.0 5.0	3 1.1 5.8	1 1.2 5.8	1 1.2 5.8	20
21	1 2.4 5.8	1 7.0 5.8	1 10.– 6.3	1 13. –7.–	1 1.8 5.2	1 5.0 7.–	1 7.– 7.–	1 10.– 7.–	1 1.5 5.3	1 6.0 6.8	1 8.– 7.–	1 10.– 7.–	21
22	1 15.– 7.–	1 15.– 7.–	1 12.– 7.–	1 7.5 6.5	1 10.– 7.–	1 10.– 7.–	1 10.– 7.–	1 5.– 6.–	1 10.– 7.–	1 10.– 7.–	1 8.– 7.–	1 4.– 6.0	22
23	3 3.6 5.2	3 3.5 5.0	3 3.2 4.8	3 2.5 5.2	3 2.2 6.3	3 2.2 5.8	3 1.6 6.0	3 1.7 5.8	3 2.0 5.8	3 2.0 5.0	3 1.6 4.8	3 2.0 5.7	23
24	3 3.3 5.0	3 3.0 4.6	1 3.8 5.0	1 3.8 4.9	3 2.3 5.2	3 2.2 4.9	3 2.3 5.5	3 1.6 5.5	3 2.0 5.2	3 2.3 4.8	3 2.7 4.6	3 2.2 4.5	24
25	3 3.0 4.8	3 2.2 5.2	3 2.2 5.0	1 2.0 4.9	3 1.7 4.5	3 1.3 5.0	3 1.3 5.0	1 1.3 5.0	3 1.8 5.4	3 1.5 4.8	3 1.0 4.6	3 1.0 4.6	25
26	1 2.5 4.8	1 3.0 4.8	1 2.8 4.7	1 1.7 5.3	1 1.2 5.1	1 1.5 5.0	1 1.3 5.2	1 1.2 5.0	1 2.0 5.5	1 1.6 5.0	1 1.3 5.0	1 1.4 5.3	26
27	3 2.1 5.2	1 2.8 5.6	1 3.8 5.9	1 4.5 5.7	3 1.4 5.2	1 1.7 5.3	1 2.5 6.0	1 2.3 5.3	1 1.6 5.0	1 1.6 5.6	1 1.4 5.6	1 2.4 5.7	27
28	1 5.0 5.5	1 4.8 5.3	1 4.0 5.0	3 2.7 4.9	1 2.5 5.8	1 2.6 6.0	1 2.4 5.2	1 2.0 5.2	1 3.0 5.7	1 2.7 5.4	1 2.3 5.2	1 1.8 5.2	28
29	3 2.3 4.8	1 2.5 5.2	1 2.2 5.3	1 2.3 5.0	3 1.2 5.2	1 1.5 4.8	1 1.6 5.1	1 1.5 5.0	3 1.4 5.0	1 1.3 4.8	1 1.3 5.2	1 1.2 5.0	29
30	1 1.6 5.2	3 1.4 5.0	3 1.0 4.2	3 1.3 4.5	3 1.0 5.5	3 0.8 4.7	3 0.6 4.8	3 0.6 4.3	1 1.0 4.9	3 0.9 5.1	3 0.8 4.8	3 0.6 4.2	30
31	3 1.0 4.5	3 1.8 4.2	3 2.5 4.0	1 3.2 3.8	3 0.6 4.8	3 0.8 5.0	1 1.2 3.8	1 1.4 4.5	3 0.6 4.2	3 0.8 4.8	3 1.2 3.8	1 2.0 3.8	31

Microseisms. Scoresbysund

1959 Nov.	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 Nov.
1	1 4.5 4.3	1 3.8 4.2	1 4.3 4.3	1 4.0 4.3	1 2.0 4.2	1 2.4 4.3	1 2.0 4.4	1 1.7 4.3	1 2.0 4.8	1 2.5 4.5	1 2.2 4.3	1 2.3 4.5	1
2	3 1.8 3.9	3 1.7 4.0	3 1.8 5.0	3 1.5 4.8	3 1.4 4.0	3 1.2 4.5	3 1.1 4.2	3 1.2 4.8	3 1.4 5.0	3 1.4 4.0	3 1.2 5.0	3 0.9 4.5	2
3	3 1.6 4.7	1 8.0 6.4	1 10.0 6.0	1 7.5 6.3	1 1.2 5.2	1 3.7 6.2	1 5.5 6.3	1 4.0 6.0	3 -0.7 5.8	1 4.0 6.3	1 5.0 5.8	1 4.0 6.2	3
4	1 4.5 6.5	1 2.8 6.0	3 2.0 5.2	3 1.7 5.8	1 2.8 5.8	1 1.6 5.6	3 1.2 5.8	3 1.6 6.2	1 3.0 6.2	1 1.5 5.7	3 1.5 5.2	3 1.7 5.6	4
5	3 2.0 5.0	1 2.2 4.8	3 2.0 4.7	.. ..	3 1.0 4.6	3 1.4 5.8	3 1.4 5.0	3 1.5 5.7	1 1.5 5.2	1 1.6 5.8	3 1.5 5.8	3 1.6 5.8	5
6	.. ..	.. ..	.. ..	.. ..	3 1.5 6.0	3 1.1 6.2	3 1.3 6.3	3 0.9 5.5	3 1.5 5.0	.. ..	.. ..	.. ..	6
7	.. ..	.. ..	.. ..	.. ..	3 0.7 6.0	3 0.9 5.5	3 1.2 4.2	1 1.8 5.6	.. ..	.. ..	.. ..	.. ..	7
8	.. ..	.. ..	.. ..	.. ..	1 2.2 5.2	1 2.5 5.8	3 4.5 6.0	1 6.– 7.–	.. ..	.. ..	.. ..	.. ..	8
9	.. ..	.. ..	.. ..	.. ..	1 8.– 6.–	1 8.– 6.–	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	9
10	.. ..	.. ..	.. ..	.. ..	1 8.– 6.–	1 5.5 6.0	1 4.0 7.0	1 2.5 6.5	.. ..	.. ..	.. ..	.. ..	10
11	.. ..	.. ..	.. ..	.. ..	3 2.3 6.8	3 1.5 6.3	1 1.6 5.8	1 1.0 6.0	.. ..	.. ..	.. ..	.. ..	11
12	.. ..	.. ..	.. ..	.. ..	2 0.7 5.0	2 0.9 5.3	2 0.6 5.3	2 0.7 5.3	.. ..	.. ..	.. ..	.. ..	12
13	.. ..	.. ..	.. ..	.. ..	1 1.0 5.4	1 0.7 5.3	1 0.8 5.8	2 0.6 6.2	1 0.8 5.4	1 0.9 5.3	1 0.5 5.8	1 0.8 6.2	13
14	.. ..	.. ..	.. ..	2 0.9 5.3	2 0.6 5.0	2 0.5 4.8	2 0.5 5.3	2 0.5 5.7	2 0.5 5.0	2 0.4 5.4	2 0.4 5.5	2 0.5 4.8	14
15	2 0.6 5.0	2 0.4 4.2	.. ..	.. ..	2 0.4 4.8	2 0.3 4.0	2 0.3 4.6	.. ..	2 0.3 5.0	2 0.3 5.0	2 0.2 4.7	.. ..	15
16	.. ..	.. ..	.. ..	.. ..	2 0.2 5.8	3 0.5 5.9	3 1.0 6.0	3 1.2 6.5	2 0.3 4.8	2 0.4 4.8	3 1.0 5.6	3 0.8 7.0	16
17	.. ..	.. ..	.. ..	.. ..	3 1.6 5.0	1 2.2 7.0	1 2.0 5.6	1 1.2 5.5	3 1.5 5.8	1 2.7 6.2	1 1.8 5.9	1 1.3 5.2	17
18	1 3.0 5.8	1 3.6 6.0	1 2.5 6.3	1 1.2 6.0	1 1.6 6.5	1 2.3 6.7	1 1.5 6.3	1 1.3 6.2	1 1.6 6.2	1 1.5 6.3	1 1.2 6.0	1 1.4 6.2	18
19	1 1.7 5.8	1 1.3 5.2	3 1.2 5.5	3 1.3 4.6	1 1.1 6.2	1 0.8 5.5	.. ..	3 0.7 5.2	.. ..	1 0.9 6.2	.. ..	3 0.7 4.5	19
20	3 1.3 4.8	3 1.8 4.2	3 2.1 5.1	3 1.6 5.4	3 0.8 5.6	3 0.9 6.0	3 1.1 6.0	1 1.1 6.0	3 0.9 5.1	3 1.0 5.7	3 1.0 6.0	1 1.1 6.0	20
21	1 2.2 6.2	1 2.2 6.1	3 2.4 6.3	1 4.3 7.0	1 1.5 5.3	1 1.8 6.2	1 1.6 6.3	1 2.7 7.2	1 1.6 5.9	1 2.0 6.7	1 1.9 7.0	1 3.3 7.2	21
22	1 5.4 7.0	1 4.9 6.1	1 5.5 6.7	1 4.0 6.8	1 3.7 7.2	1 2.4 7.2	1 3.0 6.9	1 2.0 6.3	1 3.3 7.3	1 3.0 6.5	1 3.3 7.5	1 3.0 7.3	22
23	1 3.8 5.7	1 4.0 5.5	1 6.5 6.2	1 6.0 6.2	1 2.4 7.0	1 2.4 6.7	1 3.8 6.8	1 4.0 7.3	1 2.0 6.7	1 2.4 6.8	1 3.5 6.0	1 3.5 6.2	23
24	1 6.0 6.0	1 4.0 5.8	1 6.0 6.2	1 4.3 5.8	1 3.5 6.0	1 4.5 6.2	1 3.5 6.2	1 2.8 6.0	1 3.3 6.5	1 3.0 6.0	1 2.8 6.5	1 3.0 6.3	24
25	1 5.0 5.8	1 3.8 5.8	1 3.0 5.8	1 2.3 5.2	1 2.5 6.0	1 1.8 6.0	1 2.0 5.5	1 1.6 5.8	1 3.0 6.0	1 2.3 5.8	1 1.7 6.3	1 1.7 5.2	25
26	1 2.7 5.7	1 1.8 5.8	1 1.3 5.5	1 1.6 4.8	1 1.3 6.2	1 1.0 5.5	1 0.9 6.0	1 0.7 5.7	1 1.0 5.8	1 1.2 5.0	1 0.9 5.0	1 1.0 5.1	26
27	1 2.0 5.3	1 2.6 5.8	1 2.5 5.4	3 2.0 6.0	.. ..	1 1.2 5.5	1 1.3 6.0	3 1.1 5.8	.. ..	.. ..	.. ..	.. ..	27
28	3 2.0 6.0	3 1.5 6.5	3 1.8 6.0	3 1.7 5.3	1 1.2 6.2	3 1.1 6.5	3 1.0 5.8	3 1.0 5.8	.. ..	.. ..	.. ..	.. ..	28
29	3 1.8 4.4	3 2.2 3.8	3 4.0 3.8	3 4.0 4.4	3 0.9 5.5	3 0.9 4.7	3 2.0 3.7	3 2.1 5.0	.. ..	.. ..	.. ..	.. ..	29
30	3 3.8 5.5	3 4.0 5.2	3 3.2 4.9	3 2.0 4.8	1 2.2 5.8	1 2.0 6.0	1 1.7 6.0	1 1.6 5.8	.. ..	.. ..	.. ..	.. ..	30

Microseisms. Scoresbysund

1959 Dec.	Z 0h	Z 6h	Z 12h	Z 18h	N 0h	N 6h	N 12h	N 18h	E 0h	E 6h	E 12h	E 18h	1959 Dec.
1	3 1.9 4.0	3 2.0 6.0	3 2.0 5.3	3 1.2 5.2	3 1.3 5.5	3 1.2 5.5	3 1.0 5.5	3 1.0 5.3	.. ..	.. ..	.. ..	.. ..	1
2	3 1.0 5.2	3 1.2 6.2	3 2.0 5.8	3 3.0 5.9	2 0.9 5.2	3 1.2 5.7	3 1.4 6.2	1 1.7 6.2	.. ..	.. ..	.. ..	.. ..	2
3	1 5.2 6.8	1 5.5 6.7	1 7.5 6.4	1 8.0 6.4	1 3.4 6.2	1 5.0 6.8	1 3.5 6.5	1 4.5 6.3	.. ..	.. ..	.. ..	.. ..	3
4	1 6.5 6.2	1 4.5 5.7	1 4.0 6.0	3 3.0 4.3	1 4.0 5.8	1 3.0 6.6	1 2.5 6.7	3 2.8 5.9	.. ..	1 2.3 5.5	3 2.3 6.7	3 2.0 5.0	4
5	3 3.3 5.0	1 4.0 4.8	1 4.0 5.0	1 4.0 5.0	3 1.8 6.0	3 2.3 6.2	3 2.2 5.5	3 1.7 5.8	3 2.2 5.2	3 2.5 5.8	1 2.8 5.5	1 2.4 5.5	5
6	1 3.3 4.9	3 1.8 5.3	.. ..	.. ..	1 1.6 5.0	3 1.8 5.2	1 1.7 5.2	1 1.6 6.2	1 1.5 4.7	1 1.7 5.2	1 1.4 6.1	1 1.5 5.7	6
7	1 2.2 5.0	.. ..	.. ..	.. ..	1 1.9 5.5	1 2.4 6.3	1 3.0 6.8	1 4.5 6.9	1 1.6 5.8	1 1.8 5.3	1 2.0 6.3	1 3.0 6.3	7
8	1 9.– 7.–	.. ..	.. ..	1 11.– 6.8	1 10.– 7.–	1 10.– 7.–	1 10.– 7.–	1 8.– 7.–	1 9.– 7.–	1 10.– 7.–	1 9.– 7.–	1 7.– 7.–	8
9	1 8.– 7.0	1 7.5 6.3	1 5.0 6.7	1 3.3 6.7	1 5.– 7.–	1 4.5 6.7	1 3.0 6.7	1 2.4 6.8	1 5.– 7.–	1 5.0 7.0	1 3.0 6.3	1 1.8 6.0	9
10	1 3.0 5.8	1 2.3 5.6	1 2.2 5.2	1 2.4 5.5	1 1.7 6.6	.. ..	.. ..	.. ..	1 1.6 6.2	1 1.6 5.6	3 1.0 6.0	1 1.4 6.0	10
11	1 3.0 6.3	1 3.3 6.2	1 1.7 5.0	1 1.4 5.2	1 2.0 6.6	1 1.6 6.8	1 1.2 5.8	1 1.0 6.0	1 2.2 6.3	1 1.5 6.1	1 1.3 5.7	1 1.1 5.6	11
12	3 1.1 5.2	2 1.0 5.0	2 0.8 4.5	.. ..	3 0.9 5.0	3 0.7 5.2	3 0.7 5.5	3 0.6 6.0	3 0.7 5.5	3 0.6 4.7	2 0.5 4.9	3 0.6 4.4	12
13	.. ..	.. ..	.. ..	.. ..	2 0.3 5.0	2 0.4 5.8	2 0.5 5.0	3 0.5 5.2	3 0.3 4.8	3 0.4 4.5	3 0.4 5.2	3 0.5 4.8	13
14	1 2.0 5.3	1 2.6 5.4	1 3.5 5.5	1 11.– 5.5	1 1.4 5.3	1 1.6 6.0	1 3.0 5.2	1 4.0 5.5	1 1.6 5.8	1 1.6 5.7	1 2.0 5.5	1 4.5 5.2	14
15	1 15.– 6.–	1 15.– 6.–	1 15.– 6.–	1 12.– 6.–	1 7.– 6.–	1 8.– 6.–	1 8.– 6.–	1 8.– 6.–	1 8.– 6.–	1 9.– 6.–	1 9.– 6.–	1 8.– 6.–	15
16	1 11.– 5.8	1 7.5 6.5	1 5.5 6.3	1 4.5 6.2	1 6.– 6.–	1 4.0 6.5	1 2.6 6.3	1 2.2 6.0	.. ..	.. ..	.. ..	.. ..	16
17	1 3.3 6.2	1 6.5 5.8	1 10.– 7.–	.. ..	1 1.7 6.8	1 3.5 6.2	1 7.– 7.–	1 9.– 7.–	1 2.4 6.2	1 3.5 6.8	1 6.– 7.–	1 9.– 7.–	17
18	1 9.– 6.8	1 5.5 6.8	1 7.5 6.3	1 5.5 6.6	1 7.– 7.–	1 4.5 6.6	1 3.5 6.3	1 3.5 6.5	1 7.– 7.–	1 5.5 6.8	1 4.5 6.5	1 3.0 6.6	18
19	.. ..	1 4.0 6.0	1 4.0 6.3	.. ..	.. ..	1 2.2 6.0	1 2.4 5.8	1 4.0 6.6	.. ..	1 2.0 6.0	1 2.6 6.2	1 3.0 5.9	19
20	1 6.0 6.0	.. ..	1 6.0 6.0	1 5.5 6.0	1 3.0 6.8	1 6.– 7.–	1 3.5 6.5	.. ..	1 3.5 6.5	1 4.5 6.3	1 3.0 6.4	1 3.0 6.0	20
21	1 4.0 6.2	1 3.2 6.2	.. ..	3 2.2 5.5	1 2.6 6.2	1 1.7 6.2	.. ..	3 1.0 5.7	1 2.5 6.3	3 1.5 6.0	.. ..	3 1.1 5.6	21
22	3 1.2 5.2	1 2.7 5.0	3 2.5 5.5	3 1.5 5.0	3 1.5 5.5	1 2.1 6.0	3 1.3 5.8	3 1.5 5.0	3 1.4 5.2	3 1.6 6.2	3 1.2 5.8	3 1.0 5.5	22
23	3 2.5 6.0	3 4.5 5.7	.. ..	.. ..	3 1.8 5.8	3 2.2 6.0	3 3.5 6.6	1 3.0 6.5	3 1.6 5.7	3 2.2 5.8	3 3.5 6.5	3 2.5 5.5	23
24	.. ..	.. ..	.. ..	.. ..	1 3.0 5.8	1 3.5 6.2	1 2.0 6.6	1 2.0 6.0	3 3.0 6.5	3 2.5 6.0	3 1.8 6.8	.. ..	24
25	1 2.7 5.6	1 2.0 5.5	2 1.2 5.8	2 0.9 5.0	1 1.4 5.3	1 1.3 5.8	3 1.1 6.0	3 1.0 5.8	.. ..	.. ..	.. ..	.. ..	25
26	3 0.8 4.5	2 0.8 5.0	2 1.0 4.8	2 1.0 5.2	3 0.7 5.6	3 0.7 5.8	3 1.1 6.0	3 1.1 6.3	.. ..	3 0.6 6.3	3 1.0 5.2	3 1.4 5.8	26
27	1 1.8 6.0	2 1.0 4.6	2 1.0 5.2	2 1.0 5.5	3 1.5 6.3	3 1.2 6.6	3 1.1 5.9	.. ..	3 1.0 6.0	.. ..	.. ..	.. ..	27
28	1 2.0 5.8	.. ..	.. ..	.. ..	1 1.2 5.8	1 1.5 5.9	1 1.5 5.2	1 1.7 5.2	.. ..	.. ..	.. ..	.. ..	28
29	.. ..	.. ..	.. ..	.. ..	1 3.3 5.8	1 3.5 5.2	1 2.8 5.8	1 2.7 4.9	1 3.0 5.2	1 3.0 4.8	1 3.5 5.0	1 3.5 5.0	29
30	1 6.5 4.2	.. ..	.. ..	1 6.0 5.0	1 3.0 5.0	1 2.0 5.5	1 2.2 5.8	1 2.5 5.0	1 3.0 5.0	1 1.8 4.8	1 2.2 5.0	1 2.0 5.5	30
31	1 5.0 5.0	1 4.8 4.2	1 3.0 5.7	1 3.0 5.2	1 2.5 5.2	1 2.3 5.0	1 1.8 5.6	1 2.0 5.7	1 2.5 4.8	1 2.2 5.0	1 2.2 6.0	1 2.0 5.3	31