

No. 3.

April-June 1958

GEODÆTISK INSTITUT
Proviantgården · Copenhagen · Denmark

Bulletin of the seismological station

N O R D

$\varphi = 81^{\circ}36' \text{ N.}$ $\lambda = 16^{\circ}41' \text{ W.}$ $h = 35 \text{ m.}$

Lithologic foundation: marly shale

Instruments

Willmore. *Z*. $T_p = 1 \text{ sec,}$ $T_g = 1/4 \text{ sec.}$ No attenuation.

Strobach. *N* and *E*. $T = 6 \text{ sec,}$ $\nu = 15:1,$ $V_0 = 500.$ (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.

Nord 1958

April

- 1 *eP·Z* 14^h17^m13^s
 $\Delta = 59^\circ$. Honshu, Japan.
- 2 *iP·Z* 21 48 57
 Near.
- 3 *eiP·Z* 07 27 25 1.5 mm.
 $\Delta = 50^\circ$. Crete.
- 3 *eP·Z* 08 38 20 2^s.5; 0.3 mm.
 This phase has 4-5 equal waves.
 $\Delta = 85^\circ$. Equador.
- 4 *iP·Z* 13 53 04 0^s.6; 1.6 mm.
eS·Z 13 54 14
 $\Delta = 6^\circ$. Arctic Ocean; west of Svalbard.
- 5 *i·Z* 07 58 22 0^s.3.
- 6 *e·Z* 13 04 22 0^s.3.
- 6 *eP·Z* 15 01 58 0^s.4.
- 6 *iP·Z* 23 06 34 0^s.8.
- 7 *iP·Z* 04 57 02
iS·Z 58 59
 $\Delta = 10^\circ$. 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
 $\Delta = 32^\circ$. Alaska.
- 7 *eP·Z* 16 12 30
 $\Delta = 32^\circ$. Alaska aftershock.
- 7 *eP·Z* 16 44 56
 $\Delta = 32^\circ$. Alaska aftershock.
- 7 *iP·ZNE* 18 15 09 Z: +
eS·NE 23 24
 $\Delta = 59^\circ$. Honshu, Japan.
- 7 *iP·ZN* 18 40 21
 $\Delta = 59^\circ$. Honshu aftershock.
- 7 *eP·Z* 18 46 46
 $\Delta = 59^\circ$. Honshu aftershock.

April

- 7 *iP·ZNE* 18^h48^m26^s Z: +
 $\Delta = 59^\circ$. Honshu aftershock.
- 7 *eP·Z* 18 57 20
 $\Delta = 59^\circ$. Honshu aftershock.
- 7 *eP·Z* 18 59 51 1^s.2.
 $\Delta = 59^\circ$. Honshu aftershock.
- 7 *iP·Z* 19 22 11
eS·NE 29 12
L·NE 40
 $\Delta = 49^\circ$. Outer Mongolia.
- 7 *eP·Z* 22 38 32 $T < 0^s.2$.
eS·Z 39 04
 Near.
- 8 *iP·Z* 00 20 40
 $\Delta = 31^\circ$. Alaska.
- 8 *iP·Z* 04 47 25 0^s.8.
 $\Delta = 78^\circ$. Colombia.
- 8 *iP·Z* 07 20 47
 $\Delta = 60^\circ$. $h = 60$ km. Honshu, Japan.
- 8 *eP·Z* 10 09 02
 $\Delta = 57^\circ$. Afghanistan.
- 9 *iP·Z* 04 46 27 +
 $\Delta = 58^\circ$. Iran.
- 9 *iP·ZNE* 06 22 42
iPPP·NE 24 21
 $\Delta = 39^\circ$. Gulf of Alaska.
- 9 *e·ZNE* 06 36 54 6^s.
- 9 *eP·Z* 18 11 31
 $\Delta = 95^\circ$. Molucca Passage.
- 10 *e·Z* 00 15 24
- 10 *eP·Z* 01 14 56
 $\Delta = 70^\circ$. Ryukyu Islands.
- 10 *iP·Z* 01 52 56
 $\Delta = 46^\circ$. Kamchatka.
- 10 *iP·Z* 11 03 29 +
 $\Delta = 43^\circ$. Outer Mongolia.
- 10 *iP·Z* 12 00 11 +
 $\Delta = 59^\circ$. Honshu, Japan.
- 11 *iP·Z* 01 08 18
 $\Delta = 59^\circ$. Honshu, Japan.

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- 11 *iP*·*Z* 08^h34^m27^s
iS·*Z* 34 48
 Near.
- 11 *iP*·*Z* 18 25 55 +
 Near.
- 11 *iP*·*ZNE* 23 20 19 -
L·*E* 32
 $\Delta = 51^\circ$. $h = 100$ km. Kurile Islands.
- 12 *eP*·*Z* 11 57 40
eS·*NE* 12 06 19
L·*N* 18
L·*ZE* 22
 $\Delta = 65^\circ$. California.
- 12 *iP*·*Z* 13 36 48
 $\Delta = 72^\circ$. Ryukyu Islands.
- 12 *eP*·*Z* 22 46 08 0^s.5
 Near?
- 13 *eP*·*Z* 04 17 40
 $\Delta = 48^\circ$. Outer Mongolia.
- 13 *eP*·*Z* 09 13 47
ePP·*N* 14 44
iS·*E* 18 54
L·*NE* 23
 $\Delta = 32\frac{1}{2}^\circ$. Alaska.
- 13 *iP*·*ZNE* 12 37 31
iS·*NE* 44 14
iScS·*E* 47 26
L·*NE* 52
 $\Delta = 45^\circ$. Kamchatka.
- 14 *iP*·*Z* 00 19 00
e(S)·*Z* 19 17
 Near.
- 14 *eP*·*Z* 18 17 03
 $\Delta = 45^\circ$. Kamchatka.
- 14 *iP*·*ZNE* 21 45 07
ePP·*NE* 48 27
iSKS·*NE* 55 36
eSSS·*N* 22 04
L·*E* 07.7 18^s.
L·*N* 10
 $\Delta = 85^\circ$. Ecuador.
- 14 *eP*·*Z* 23 01 11 2^s.6 and 0^s.8.
 $\Delta = 85^\circ$. Ecuador aftershock.
- 15 *iP*·*Z* 01 43 23 + 2^s.6 and 0^s.8.
 $\Delta = 85^\circ$. Ecuador aftershock.

April

- 15 *eP*·*ZN* 04^h04^m40^s
iS·*NE* 14 39
L·*NE* 27 45^s.
 $\Delta = 78^\circ$. Off west coast of Costa Rica.
- 15 *iP*·*Z* 10 12 05 -
 $\Delta = 82^\circ$. $h = 100$ 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
 $\Delta = 82^\circ$. $h = 150$ 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
 $\Delta = 61^\circ$. Honshu, Japan.
- 17 *iP*·*Z* 14 11 29
iS·*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 1^s 5.
 $\Delta = 64^\circ$. 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?

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April

20 *e*·*Z* 11h51m49s

20 *iPKP*·*Z* 21 34 22
ePP·*Z* 37 30
 $\Delta = 141^\circ$. 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
 $\Delta = 48^\circ$. Turkey.

22 *eP*·*Z* 11 22 23

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

24 *eP*·*Z* 00 46 32

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

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

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

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

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

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

29 *iP*·*Z* 02 15 09 +
eS·*Z* 15 27
Near.

29 *iP*·*Z* 13 41 57
 $\Delta = 36^\circ$. 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
 $\Delta = 54^\circ$. Hindu Kush.

30 *iP*·*Z* 13 10 53
iS·*Z* 11 27
Near.

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

30 *iP*·*Z* 14 16 12
 $\Delta = 44^\circ$. 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
 $\Delta = 112^\circ$. *h* = 200 km. New Hebrides Islands.

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

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

4 *e*·*Z* 08 54.1
Seismic?

5 *e*·*NE* 00 03 27
No *Z* record. Near.

6 *eP*·*Z* 00 00 46
 $\Delta = 38^\circ$. 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.

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May

7 *eP*·*Z* 07^h51^m19^s
 Δ abt. 30°. North Atlantic Ocean.

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

7 *eP*·*Z* 14 57 13
 $\Delta = 55^\circ$. 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
 $\Delta = 48^\circ$. Kamchatka region.

7 *e*·*Z* 23 32 35
i·*Z* 32 37
 Seismic?

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

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

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

9 *eP*·*Z* 03 46.4
e(S)·*Z* 46 45
 Near.

9 *iPKP*·*Z* 04 58 51
 $\Delta = 115^\circ$. $h = 100$ 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* 23^h01^m05^s
L·*E* 09
 $\Delta = 32^\circ$. Central Alaska.

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

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

11 *eP*·*Z* 21 10 24
 Near.

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

12 *iP*·*Z* 14 26 39
 Near.

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

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

12 *eP*·*Z* 22 48 21
 Near?

13 *eP*·*Z* 06 08 12 0^s.8.

13 *e*·*Z* 10 39 48
 Seismic?

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

14 *iP*·*Z* 07 52 11
e·*ZNE* 52 31
 Near.

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

15 *iP*·*Z* 04 33 18
 $\Delta = 47^\circ$. 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
 $\Delta = 86^\circ$. Nuclear explosion, Marshall Islands.

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May

17 *eP*·*Z* 01^h16^m31^s

17 *eP*·*Z* 05 34 37
 $\Delta = 51^\circ$. Libya.

17 *eP*·*Z* 06 49 08

17 *eP*·*Z* 15 45 36

17 *iP*·*Z* 15 46 54
 $\Delta = 48^\circ$. Aleutian Islands.

17 *e*·*Z* 20 14.9

18 *L*·*NE* 03 27
 $\Delta = 112^\circ$. 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
 $\Delta = 48^\circ$. Aleutian Islands.

22 *iP*·*Z* 22 18 17
 $\Delta = 45^\circ$. Aleutian Islands.

23 *eP*·*Z* 02 26 07
Seismic?

24 *iP*·*Z* 07 47 09
Near.

May

25 *eP*·*Z* 00^h43^m.9
L·*NE* 00.8

25 *eP*·*Z* 03 05 26

25 *eP*·*Z* 15 03 03
L·*N* 10
L·*E* 14
 $\Delta = 47^\circ$. Aleutian Islands.

25 *iP*·*Z* 17 51 35 -
 $\Delta = 66^\circ$. Japan.

25 *iP*·*Z* 21 24 34
i·*ZNE* 24 35 *Z*: -
iSKS·*E* 35 06 5^s.
iS·*N* 35 22 10^s.
i·*NE* 35 41
SSS·*NE* 46 20^s.
L·*NE* 51 30^s.
 $\Delta = 89^\circ$. *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 +
 $\Delta = 89^\circ$. *h* = 100 km. Ecuador aftershock.

26 *iP*·*Z* 11 04 46
 $\Delta = 45^\circ$. 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 +
 $\Delta = 48^\circ$. Dodecanese Islands.

28 *iP*·*Z* 04 24 19
i·*Z* 24 24
eS·*Z* 24 58
Near.

29 *iP*·*Z* 05 32 01 -
 $\Delta = 71^\circ$. *h* = 450 km. Bonin Islands.

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May

29 *iP*·*Z* 05^h34^m48^s
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
 $\Delta = 45^\circ$. 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
 $\Delta = 113^\circ$. New Hebrides Islands.

June

4 *iP*·*Z* 14 38 07 +
L·*NE* 55
 $\Delta = 45^\circ$. Fox Islands.

6 *eP*·*NE* 09 23 49
eS·*NE* 33 19
e·*NE* 33 59
L·*N* 47
 $\Delta = 79^\circ$. 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
 $\Delta = 45^\circ$. 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* 13^h07^m50^s
Z 08 21
Near.

17 *eP*·*Z* 15 18 49
 $\Delta = 71^\circ$. Bonin Islands.

17 *iP*·*Z* 19 18 13 +
 $\Delta = 73^\circ$. 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
 $\Delta = 13^\circ$. Iceland.

18 *eP*·*Z* 02 26 29
L 29
 $\Delta = 13^\circ$. Iceland.

18 *eP*·*Z* 04 37 01
L·*E* 40
 $\Delta = 13^\circ$. 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
 $\Delta = 49^\circ$. 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
 $\Delta = 47^\circ$. Mongolia.

24 *eP*·*Z* 04 57 21
eP·*Z* 57 24
L·*E* 05 22
 $\Delta = 51^\circ$. China.

24 *eZ* 05 46 15
eZ 46 33
Near.

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June

25 *iP*·*Z* 01^h23^m09^s
 25 *iP*·*Z* 01 59 56
 25 *eP*·*Z* 09 50 23
 $\Delta = 101^\circ$. 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
 $\Delta = 45^\circ$. 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
eiP·*Z* 56 22
iS·*E* 06 05 34
 $\Delta = 74^\circ$. *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* 03^h45^m20^s
eS·*NE* 49 40
 $\Delta = 101^\circ$. *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
 $\Delta = 48^\circ$. Dodecanese Islands.
 30 *eP*·*Z* 14 05 15 +
iP·*Z* 05 16 -
iI·*Z* 05 23 -
iS·*Z(NE)* 07 37 *Z*: +
iI·*S*·*Z(NE)* 07 39 *Z*: -
 $\Delta = 14^\circ$. Baffin Bay.
 30 *iP*·*Z* 18 37 13
eS·*NE* 46 04 *E*: +
e·*E* 46 25
e·*E* 47 09
L·*NE* 59
 $\Delta = 67^\circ$. Honshu.
 30 Swarm of "Near"s 20^h-21^h
 30 *iP*·*Z* 21 00 31 +
iZ 00 49 +

November 1959.

JØRGEN HJELME
 ERIK HJORTENBERG

Microseisms. Nord

1958	N				E				1958
	0h	6h	12h	18h	0h	6h	12h	18h	
April									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				E				1958 June
	0h	6h	12h	18h	0h	6h	12h	18h	
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