Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

No. 11 **Jan.–Jun. 1961**

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.)

Seismological Readings. Distant quakes.

Phases are indicated by the symbols used in ISS. Times are given in GMT. Positions of epicenters are those given by BCIS. The periods given are periods of full oscillations. For Z trace amplitudes are given. C means compression, D dilatation. + means movement towards N or E respectively.

Seismological Readings. Local shocks.

Distances less than 5°. Some tremors of not-seismic origin may be included.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

January

1 *eP·Z* 13h35m32s
e(S)·Z 37 30

1 *ePKP·Z'* 20 41 51
$\Delta = 146°$. South of Australia.

2 *ePKP·Z* 10 30 14
$\Delta = 111°$. $h = 150$ km. Santa Cruz Islands.

3 *e·Z* 9 33 54

4 *eP·Z* 12 15 54
e·Z 16 05
$\Delta = 72°$. Mexico.

5 *e·Z* 6 14 37

5 *iP·Z* 14 14 55
eS·N 22 00
eSS·E 25 33
L·NE 29
$\Delta = 47°$. Aleutian Islands.

5 *eP·Z* 15 18 55
$\Delta = 53°$. Kurile Islands.

5 *eP·Z* 16 07 44
$\Delta = 101°$. New Guinea.

5 *e·Z* 16 23 44

5 *ePKP·Z* 18 33 22
$\Delta = 119°$. $h = 100$ km. Loyalty Islands.

5 *e·Z* 21 51 05

6 *eP·Z* 1 30 07
$\Delta = 56°$. Japan.

6 *eP·Z* 6 30 02
$\Delta = 47°$. Aleutian Islands.

6 *eP·Z* 7 14 06
$\Delta = 45°$. Kamchatka.

6 *eP·Z* 11 00 05
$\Delta = 74°$. Mexico.

6 *e·Z* 15 28 22

7 *iP·Z* 10 39 30 *C*.
$\Delta = 48°$. $h = 100$ km. Dodecanese Islands.

7 *iP·Z* 16 01 17 *C*
$\Delta = 46°$. Westcoast of Greece.

9 *eP·Z* 3 17 32
$\Delta = 51°$. North Atlantic Ocean.

January

9 *iP·Z* 11h17m48s *D*
e·Z 21 59

9 *iP·Z* 19 35 46 *C*
$\Delta = 67°$. Leeward Islands.

10 *iP·Z* 10 32 07 *C*
i·Z 32 27

10 *iP·Z* 14 31 01 *C*
iPP·Z 32 28 *D*
iS·NE 38 00
L·N 46,5
$\Delta = 49°$. Kurile Islands.

11 *eP·Z* 12 08 17
LQ·E 22
LR·N 26
$\Delta = 46°$. Aleutian Islands.

14 *iP·Z* 16 29 11 *C*

14 *iP·Z* 16 47 01 *D*
$\Delta = 44°$. Aleutian Islands.

16 *iP·Z* 7 30 29 *C*
i·ZNE 30 33
iS·NE 38 55
L·NE 50
$\Delta = 62°$. $h = 150$ km. Japan.

16 *iP·Z* 11 29 56 *C*
$\Delta = 62°$. $h = 150$ km. Japan.

16 *iP·Z* 12 22 45 *C*
iS·NE 31 09 *N:-*, *E:-*
L·E 40
L·N 44
$\Delta = 62°$. $h = 100$ km. Japan.

16 *eP·Z* 13 19 29 *D*
$\Delta = 62°$. $h = 150$ km. Japan.

16 *iP·Z* 14 14 14 *D*
$\Delta = 62°$. $h = 150$ km. Japan.

16 *e·Z* 15 49 28

16 *iP·Z* 15 51 29 *C*
eS·NE 59 50 in the timebreak.
i·NE 16 00 12
L·E 08
L·N 12
$\Delta = 62°$. $h = 150$ km. Japan.

16 *e·Z* 18 46 23

19 *eP·Z* 17 31 01

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

January

20 *eP·Z* 17h16m49s
e·Z 17 03
Δ = 40°. Kodiak Island.

20 *eP·Z* 21 45 02
Δ = 40°. Kodiak Island.

20 *eP·Z* 22 44 57
Δ = 60°. Japan.

22 *ePS·N* 3 52 40
L·NE 4 19
Δ = 110°. Santa Cruz Islands.

23 *eP·Z* 4 57 52
Δ = 56°. Japan.

24 *eP·Z* 23 24 43
Δ = 78°. *h* = 100 km. Panama.

25 *eP·Z* 1 07 39
Δ = 99°. *h* = 150 km. Sumatra.

26 *iP·Z* 1 58 56 *D*
Δ = 78°. Burma.

28 *iP·Z* 7 26 22 *D*
Δ = 44°. Greece.

28 *eP·Z* 8 22 29
Δ = 57°. California.

28 *i·Z* 11 29 10 *D*

29 *eP·Z* 13 32 17
i·Z 32 20
e·Z 32 33
Δ = 46°. Aleutian Islands.

30 *eP·Z* 12 18 59
Δ = 31°. Alaska.

31 *iP·Z* 0 56 18 *C*
eS·NE 1 02 31
L·NE 07
Δ = 41°. Alaska.

February

3 *e·Z* 2h35m36s

3 *eP·Z* 2 38 54
Δ = 90°. Sumatra.

3 *eP·Z* 13 41 56
Δ = 62°. *h* = 100 km. Japan.

February

4 *iP·Z* 9h02m39s *C*
ipP·Z 03 11
Δ = 69°. *h* = 150 km. Burma.

4 *eP·Z* 12 58 05
Δ = 48°. *h* = 150 km. Kamchatka.

4 *eP·Z* 19 20 40
Δ = 72°. Formosa.

5 *eP·Z* 15 50 33
eS·N 16 00 38
Δ = 79°. Panama.

6 *e·Z* 11 45 18

6 *eP·Z* 18 24 41
iPcP·Z 25 50
Δ = 54°. Kurile Islands.

6 *iP·Z* 21 59 17 *C*
iSKS·N 22 09 53
ePS·N 12 57
L·E 29
Δ = 105°. Solomon Islands.

7 *e·Z* 3 09 22

7 *iP·Z* 5 26 16 *C*
Δ = 98°. Sumatra.

7 *eP·Z* 21 11 02
Δ = 55°. Kurile Islands.

8 *iP·Z* 8 16 34 *D*
epP·Z 18 46
Δ = 95°. *h* = 600 km. Brazil/Peru.

9 *iPKP·Z* 2 27 14 *C*
Δ = 126°. Kermadec Islands.

11 *e·Z* 6 22 54

11 *iPKP·Z* 21 20 05 *C*
ipPKP·Z 20 24
Δ = 126°. *h* = 75 km. Kermadec Islands.

12 *iP·Z* 22 03 07 *C*
eS·N 10 39
iScS·E 12 55
i·E 13 17
L·NE 18
Δ = 54°. Kurile Islands.

12 *iP·Z* 23 36 00 *C*
L·NE 53
Aftershock.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

February

13 *iP·Z* 16h20m39s
Δ = 62°. Nepal/Tibet.

13 *eP·Z* 16 36 48
Δ = 54°. Kurile Islands.

14 *iP·Z* 3 31 28 *C*
Δ = 55°. Kurile Islands.

14 *ePKP·Z* 6 03 25
Δ = 128°. Chile.

15 *eP·Z* 10 54 37
eS·N 11 02 17
L·E 11
Δ = 55°. Kurile Islands.

15 *eP·Z* 11 39 05
Δ = 62°. Tibet.

16 *eP·Z* 3 52 42
Δ = 42°. *h* = 150 km. Albania.

16 *eP·Z* 15 04 15
Δ = 55°. Kurile Islands.

17 *e·Z* 5 40 17

18 *eP·Z* 1 13 25
Δ = 54°. Kurile Islands.

18 *eP·Z* 17 14 35 *D*
Δ = 83°. Ascension Island.

18 *eP·Z* 20 13 33
Δ = 92°. Philippine Islands.

20 *eP·Z* 13 12 49
Δ = 40°. Kodiak Island.

20 *iP·Z* 13 16 14
Δ = 85°. Galapagos Islands.

20 *eP·Z* 22 39 49
Δ = 88°. Ecuador.

21 *iP·Z* 3 10 27 *D*
Δ = 47°. Greece.

22 *ePKP·Z* 22 12 29
Δ = 126°. Kermadec Islands.

23 *iP·Z* 4 26 22 *C*
Δ = 60°. *h* = 100 km. Japan.

23 *iP·Z* 10 59 45 *D* *T*: 0s.7. *A*: 5 mm
iS·Z 11 00 15 *T*: 0s.5. *A*: 8 mm
Local.

February

23 *eP·Z* 21h54m22s
Δ = 47°. Dodecanese Islands.

23 *eP·Z* 22 05 19
Δ = 46°. Turkey.

24 *eP·Z* 3 15 27
Δ = 71°. Ryukyu Islands.

26 *ePP·Z* 6 09 22
Δ = 123°. Easter Island.

26 *iP·Z* 18 21 31 *C*
iS·NE 30 17
iSKS·N 31 27
eSS·NE 34 43
L·NE 40
Δ = 66°. Japan.

27 *eP·Z* 1 19 36
Δ = 79°. *h* = 200 km. Columbia.

27 *eP·Z* 12 25 39
eS·Z 27 26
Δ = 10°. Jan Mayen.

27 *eP·Z* 13 14 51
Δ = 45°. Aleutian Islands.

27 *eP·Z* 21 48 36
Δ = 48°. Aegean Sea.

27 *eP·Z* 22 03 07
Repetition.

28 *e·Z* 2 12 18

28 *e·Z* 16 59 15
e·Z 17 01 14

March

4 *iP·Z* 22h36m07s *C*
Δ = 60°. Japan.

7 *ePKP·Z* 10 29 36
iPP·N 31 31
L·NE 11 09
Δ = 126°. Kermadec Islands.

7 *ePKP·Z* 19 27 46
Δ = 129°. Indian Ocean.

8 *eP·Z* 0 26 14
Δ = 46°. Aleutian Islands.

9 *eP·Z* 4 10 30
Δ = 72°. Atlantic Ocean.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

March

11 *eP·Z* $1^h40^m26^s$
$\Delta = 50°$. Kurile Islands.

11 *eP·Z* 8 52 41
$\Delta = 75°$. British Somaliland.

13 *eP·Z* 8 15 01
L·NE 41
$\Delta = 71°$. Mexico.

13 *e·Z* 12 39 54

13 *eP·Z* 17 54 47 *D*

13 *eP·Z* 18 07 56
e(S)·ZE 09 01
e(L)·Z 09 27

13 *e(P)·Z* 18 13 58

13 *e(P)·Z* 18 44 10

13 *eP·Z* 19 26 05
$\Delta = 50°$. Crete.

16 *eP·Z* 5 06 28
$\Delta = 47°$. Aleutian Islands.

16 *ePP·Z* 14 03 54
$\Delta = 105°$. Flores Sea.

18 *ePKP·Z* 15 14 40
$\Delta = 149°$. New Zealand.

19 *eP·Z* 5 01 41
$\Delta = 58°$. Japan.

19 *iP·Z* 8 04 48 *C*
$\Delta = 95°$. $h = 100$ km. Molucca Passage.

19 *iP·Z* 9 28 59 *C*
$\Delta = 61°$. $h = 100$ km. Japan.

20 *iP·Z* 3 39 42 *C*
i(S)·Z 40 47
Compare March 13^d18^h.

20 *eP·Z* 6 08 01
$\Delta = 76°$. $h = 100$ km. Nicaragua.

20 *iP·Z* 11 47 15 *C*
$\Delta = 52°$. $h = 350$ km. Sakhalin Island.

20 *iP·Z* 14 10 01 *C*
$\Delta = 56°$. $h = 100$ km. India.

20 *iPKP·Z* 16 11 37 *C*
ePP·Z 12 39
$\Delta = 116°$. $h = 200$ km. Tonga Islands.

March

22 *iP·Z* $1^h20^m09^s$ *D*
e(S)·Z 20 38

22 *e·Z* 20 24 05

24 *iP·Z* 23 07 30 *C*
$\Delta = 63°$. $h = 100$ km. Japan.

26 *eP·Z* 1 33 37
$\Delta = 76°$. Philippine Islands.

26 *iP·Z* 14 42 16 *C*
$\Delta = 91°$. $h = 150$ km. Philippine Islands.

26 *iP·Z* 20 18 20 *C*
$\Delta = 42°$. $h = 200$ km. Alaska.

26 *iP·Z* 23 21 56 *D*
$\Delta = 62°$. Tibet.

27 *e·Z* 21 09 37

28 *iP·Z* 9 49 18 *C*
ePP·ZNE 53 16
iSKS·E 59 42
eS·E 10 00 24
$\Delta = 96°$. $h = 100$ km. Celebes.

28 *iP·Z* 12 37 37 *C*
iS·N 44 42
L·N 52
$\Delta = 47°$. Aleutian Islands.

28 *eP·Z* 14 07 25
$\Delta = 46°$. Aleutian Islands.

28 *e·Z* 21 19 52

29 *eP·Z* 6 54 21
$\Delta = 65°$. $h = 100$ km. Japan.

31 *e·Z* 5 31 02

April

1 *eP·Z* $2^h51^m29^s$
$\Delta = 67°$. $h = 100$ km. Japan.

1 *eP·Z* 15 27 28
iPf·ZNE 27 32 *D*
iS·NE 34 45
iScS·NE 37 20
$\Delta = 52°$. Sinkiang Province, China.

3 *e·Z* 0 29 54

3 *iP·Z* 1 22 14 *C*
$\Delta = 79°$. $h = 200$ km. Columbia.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

April

3 *eP·Z* $8^h06^m51^s$
$\Delta = 70°$. Caribbean Sea.

4 *iP·Z* 1 27 01 *C*
$\Delta = 52°$. Sinkiang Province, China.

4 *eP·Z* 1 35 11
Repetition.

4 *eP·Z* 9 55 43
$\Delta = 52°$. Sinkiang main shock.

5 *ePKP·Z* 21 49 46
$\Delta = 152°$. Macquarie Islands.

6 *eP·Z* 1 42 53
$\Delta = 52°$. Sinkiang Province, China.

6 *eP·Z* 4 13 56
$\Delta = 53°$. California.

6 *iP·Z* 14 18 40 *C*
$\Delta = 92°$. Sumatra.

6 *eP·Z* 18 22 42
$\Delta = 60°$. $h = 100$ km. Iran.

6 *eP·Z* 22 39 35
$\Delta = 92°$. Sumatra.

7 *eP·Z* 4 49 59
$\Delta = 54°$. Hindu Kush.

7 *e·Z* 6 58 27

7 *eP·Z* 10 20 06
$\Delta = 94°$. Sumatra.

7 *iP·Z* 21 26 47 *C*
$\Delta = 51°$. Kirghiz/Tadzlik.

8 *eP·Z* 4 34 59
$\Delta = 88°$. Ecuador.

8 *eP·Z* 4 59 53
Repetition.

8 *eP·Z* 9 16 40
Repetition.

8 *iPKP·Z* 18 18 39
$\Delta = 123°$. Chile.

8 *eP·Z* 21 49 00
$\Delta = 84°$. $h = 100$ km. Mariana Islands.

9 *eP·Z* 7 33 01
$\Delta = 57°$. California.

April

9 *eP·Z* $15^h46^m32^s$
eS·N 55 57
eSKS·N 56 37
$\Delta = 73°$. Formosa.

10 *eP·Z* 7 08 39
Repetition.

12 *iP·Z* 22 32 02 *C*
iS·NE 41 27
$\Delta = 74°$. $h = 100$ km. El Salvador.

13 *iP·Z* 16 43 46 *C*
$\Delta = 52°$. Sinkiang Province, China.

16 *eP·Z* 11 48 57
$\Delta = 45°$. Kamchatka.

17 *eP·Z* 16 32 10
$\Delta = 78°$. Mid Atlantic Ocean.

19 *iP·Z* 5 09 27 *C* 10 mm
e(S)·Z 09 46
Near.

19 *eP·Z* 16 21 49 *C*
$\Delta = 54°$. Kurile Islands.

19 *eP·Z* 18 21 54
$\Delta = 44°$. Kamchatka.

19 *iP·Z* 20 29 08 *C*
$\Delta = 54°$. Kurile Islands.

19 *eP·Z* 22 17 09
$\Delta = 54°$. Kurile Islands.

20 *iP·Z* 14 27 39 *C* 5 mm
e(S)·Z 27 59
Near.

21 *eP·Z* 20 19 37
$\Delta = 51$. Kurile Islands.

21 *eP·Z* 21 35 08
ePcP·Z 36 43
$\Delta = 47°$. Aleutian Islands.

22 *eP·Z* 19 14 09
e·Z 14 29
$\Delta = 84°$. Ecuador.

23 *iP·Z* 5 25 41 *D*
$\Delta = 71°$. $h = 100$ km. Ryukyu Islands.

23 *iP·Z* 9 11 00 *C*
eS·NE 18 31
iScS·NE 20 52 *N*: +, *E*: +.
L·NE 27.3
$\Delta = 54°$. Kurile Islands.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

April

23 $eP \cdot Z$ $12^h27^m14^s$
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

23 $iP \cdot Z$ 17 00 20 *D*
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

24 $eP \cdot Z$ 5 01 04
$\Delta = 47°$. Aleutian Islands.

24 $eP \cdot Z$ 12 36 56 *C*
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

24 $iP \cdot ZNE$ 14 10 19 *C*. *Z*: 10 mm
Near.

25 $iP \cdot Z$ 1 20 33 *C*
$\Delta = 74°$. $h = 150$ km. Guatemala.

25 $eP \cdot Z$ 1 26 58
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

25 $iP \cdot Z$ 23 51 42 *C*
$\Delta = 69°$. Ryukyu Islands.

26 $iP \cdot Z$ 7 48 17 *C*
$\Delta = 54°$. Kurile Islands.

26 $eP \cdot Z$ 19 41 52
$\Delta = 54°$. Kurile Islands.

28 $iP \cdot Z$ 22 12 48
$i \cdot Z$ 12 51 10 mm
Near.

29 $eP \cdot Z$ 9 28 46 *D*
$\Delta = 53°$. California.

29 $iP \cdot ZNE$ 9 31 45 *C*
$iS \cdot NE$ 33 37
$L \cdot NE$ 34.4
$\Delta = 10°$. Jan Mayen.

29 $eP \cdot Z$ 10 54 59
$\Delta = 53°$. Outher Mongolia.

29 $eP \cdot Z$ 21 52 41
$e(S) \cdot Z$ 54 34
Jan Mayen aftershock?

30 $ePKP \cdot Z$ 0 29 55
$\Delta = 144°$. Southern Indian Ocean.

30 $eP \cdot Z$ 0 56 01
$iPf \cdot Z$ 56 02 *C*
$eS \cdot Z$ 57 54
$\Delta = 10°$. Jan Mayen aftershock.

April

30 $eP \cdot Z$ $7^h39^m59^s$
$\Delta = 30°$. North Atlantic Ocean.

30 $eP \cdot Z$ 11 24 36
$\Delta = 54°$. $h = 100$ km. Kurile Islands.

May

1 $eP \cdot Z$ $12^h28^m20^s$
$\Delta = 53°$. California.

2 $eP \cdot Z$ 3 14 18
$eS \cdot Z$ 16 11
$\Delta = 10^1/_2°$. Jan Mayen.

2 $eP \cdot Z$ 8 32 49
$eS \cdot Z$ 34 42
Repetition.

2 $ePKP \cdot Z$ 23 03 43 *C*
$\Delta = 126°$. Kermadec Islands.

3 $eP \cdot Z$ 0 38 32
$\Delta = 81°$. Mid-Atlantic Ocean.

3 $eP \cdot Z$ 14 14 30 *C*
$\Delta = 71°$. Mexico.

4 $eP \cdot Z$ 2 26 (45)
$\Delta = 53°$. California.

4 $eP \cdot Z$ 7 11 16
$\Delta = 65°$. Atlantic Ocean.

5 $eP \cdot Z$ 12 32 43
$eS \cdot Z$ 34 35
$\Delta = 10°$. East of Jan Mayen (74 N, 2 W, $H = 30^m23^s$).

6 $eP \cdot Z$ 16 12 47
$\Delta = 45°$. Mediterranean Sea.

6 $eP \cdot Z$ 19 50 (34)
$\Delta = 83°$. Ascension Island.

6 $eP \cdot Z$ 22 45 44
$\Delta = 90°$. Philippine Islands.

7 $e(PKP) \cdot Z$ 0 00 (45)
($\Delta = 150°$. Macquarie Island.)

7 $eP \cdot Z$ 2 08 38
$\Delta = 74°$. Atlantic Ocean.

7 $iP \cdot Z$ 4 46 07 *C*
$\Delta = 104°$. $h = 100$ km. Japan.

7 $eP \cdot Z$ 10 35 40
$\Delta = 91°$. $h = 100$ km. Philippine Islands.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

May

7 *eP·Z* $12^h24^m40^s$
$\Delta = 62°$. Japan.

7 *eP·Z* 15 14 17
eS·Z 16 00
$\Delta = 10°$. Foreshock?

7 *eP·Z* 15 43 20
eS·Z 45 15
$\Delta = 10°$. Jan Mayen.

7 *eP·Z* 17 45 46

9 *eP·Z* 21 34 20
e(S)·Z 36 12
$\Delta = 10°$. Jan Mayen?

9 *eP·Z* 22 00 25

10 *iP·Z* 1 57 09 *C* 5 mm
i(S)·Z 57 27
Near.

11 *ePKP·Z* 8 57 18
$\Delta = 122°$. Chile.

11 *e·Z* 14 27 40

13 *ePKP·Z* 15 10 36
ePP·Z 11 46
$\Delta = 115°$. $h = 550$ km. Fiji Islands.

13 *eP·Z* 15 58 57
$\Delta = 55°$. Japan.

13 *eP·Z* 19 30 29
$\Delta = 71°$. $h = 250$ km. Formosa.

14 *eP·Z* 15 11 19
L·NE 15
$\Delta = 14°$. Iceland.

14 *eP·Z* 15 41 26
L·NE 45
Repetition.

14 *eP·Z* 19 40 45
$\Delta = 53°$. California.

16 *eP·Z* 3 40 34
$\Delta = 46°$. Aleutian Islands.

16 *iP·Z* 21 56 18 *D*
$\Delta = 68°$. Ryukyu Islands.

17 *eP·NE* 19 37 45 No *Z*-record.
ePP·N 39 40
iS·NE 44 30
eSS·E 47 40
L·NE 52.5
$\Delta = 46^1/_2°$. Aleutian Islands.

May

18 *iP·Z* $20^h50^m56^s$ *D*
$\Delta = 92°$. $h = 100$ km. Philippine Islands.

19 *eP·Z* 1 03 29 *C*
$\Delta = 93°$. $h = 100$ km. Philippine Islands.

19 *eP·Z* 9 37 14 *C*
$\Delta = 76°$. Nicaragua.

19 *iP·Z* 16 48 52 *C*
$\Delta = 72°$. Ryukyu Islands.

19 *iP·Z* 21 39 28 *D*
$\Delta = 52°$. Tadzhik S.S.R.

20 *eP·Z* 17 49 38
$\Delta = 10°$. Arctic Ocean.

22 *ePKP·Z* 17 51 10
$\Delta = 121°$. Tonga Islands.

23 *iP·ZNE* 2 53 52 *C*
iS·NE 3 00 46
$\Delta = 48°$. Dodecanese Islands.

23 *eP·Z* 3 52 09
ePP·Z 54 52
$\Delta = 77°$. $h = 150$ km. Costa Rica.

23 *iP·Z* 16 56 28 *C*
epP·Z 56 59
$\Delta = 75°$. $h = 150$ km. Nicaragua.

25 *eP·Z* 13 42 32
$\Delta = 50°$. China.

26 *iP·Z* 5 17 42 *C*
$\Delta = 72°$. $h = 100$ km. Guatemala.

26 *eP·Z* 22 59 49 *C*
$\Delta = 60°$. Japan.

27 *iP·Z* 5 23 57 *C*
$\Delta = 53°$. $h = 100$ km. Hindu Kush.

27 *iP·Z* 7 27 45 *C*
$\Delta = 57°$. $h = 150$ km. Japan.

29 *eP·Z* 17 03 45 *C*
$\Delta = 80°$. Philippine Islands.

29 *eP·Z* 19 52 09
$\Delta = 75°$. Ethiopia.

30 *e·Z* 5 57 30

31 *L·NE* 14 18

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

June

1 $eP \cdot Z$ $10^h13^m25^s$
$\Delta = 67°$. Dominican Republic.

1 $eP \cdot Z$ 23 41 00
$eS \cdot N$ 50 49
$L \cdot NE$ 24 05
$\Delta = 75°$. Ethiopia.

2 $eP \cdot Z$ 0 13 27
Repetition.

2 $eP \cdot Z$ 0 20 37
Repetition.

2 $iP \cdot Z$ 5 02 55 *D*
Repetition.

2 $eP \cdot Z$ 5 34 11
Repetition.

2 $eP \cdot Z$ 5 56 35
Repetition.

2 $iP \cdot Z$ 11 07 43 *C*
$\Delta = 5°$. Spitzbergen.

2 $e \cdot Z$ 20 55 22

3 $iP \cdot Z$ 1 21 21 *D*
$\Delta = 42°$. Kamchatka.

3 $iP \cdot Z$ 15 35 01 *D*
$\Delta = 76°$. Ethiopia.

4 $iP \cdot Z$ 1 17 19 *D*

4 $iP \cdot Z$ 7 42 55 *D*
$iPPP \cdot E$ 46 16
$\Delta = 58°$. Tibet.

4 $iP \cdot Z$ 7 53 34 *D*
Repetition.

4 $eP \cdot Z$ 14 01 21 *D*
Repetition.

7 $iP \cdot Z$ 14 28 06 *C*
$\Delta = 88°$. Ascencion Island.

9 $eP \cdot Z$ 4 05 23 *C*
$iPcP \cdot Z$ 06 21
$\Delta = 56°$. $h = 100$ km. India.

9 $iP \cdot Z$ 9 45 16 *D*
$\Delta = 47°$. Caspian Sea.

9 $iP \cdot Z$ 15 30 36 *C*
$\Delta = 88°$. $h = 100$ km. Sumatra.

June

10 $eP \cdot Z$ $9^h04^m18^s$ *D*
$\Delta = 82°$. Mexico.

11 $eP \cdot Z$ 5 20 29 *C*
$eS \cdot NE$ 28 33
$L \cdot NE$ 38.4
$\Delta = 59°$. Iran.

11 $eP \cdot Z$ 5 40 15
Repetition.

11 $eP \cdot Z$ 6 01 25
$\Delta = 47°$. Kamchatka.

11 $eP \cdot Z$ 12 40 26
$\Delta = 60°$. Iran.

11 $iP \cdot Z$ 12 41 31 *C*
Repetition.

11 $eP \cdot Z$ 14 08 02 *C*
Repetition.

12 $ePKP \cdot Z$ 7 55 04
$i \cdot Z$ 55 08 *D*
$\Delta = 148°$. New Zealand.

12 $iP \cdot Z$ 10 09 48 *C*
$\Delta = 73°$. North Viet-Nam.

12 $e \cdot Z$ 11 42 54

13 $eP \cdot Z$ 2 32 46
$e \cdot Z$ 33 11
$\Delta = 46°$. Aleutian Islands.

13 $iP \cdot Z$ 12 34 04 *C* 2 mm
$e \cdot Z$ 34 25
Near.

13 $iP \cdot Z$ 17 35 43 *C* 10 mm
$e \cdot Z$ 36 03
Near.

13 $ePKP \cdot Z$ 21 56 29
$\Delta = 120°$. $h = 150$ km. Tonga Islands.

14 $eP \cdot Z$ 0 52 12
$\Delta = 69°$. Burma.

14 $eP \cdot Z$ 20 44 00 *D*
$\Delta = 75°$. Ethiopia.

15 $e \cdot Z$ 16 53 51

15 $eP \cdot Z$ 23 33 55 *D*
$\Delta = 53°$. Kurile Islands.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

June

16 *iP·Z* 10h43m37s *D*
$\Delta = 77°$. $h = 125$ km. Colombia.

17 *eP·Z* 8 15 47
$\Delta = 59°$. Iran.

17 *e·Z* 10 45 57 *D*

17 *eP·Z* 14 45 16
$\Delta = 87°$. Philippine Islands.

17 *iP·Z* 15 19 01 *C*
$\Delta = 74°$. $h = 150$ km. Mexico/Guatemala.

17 *eP·Z* 18 51 18
$\Delta = 74°$. $h = 100$ km. Guatamala.

18 *iP·Z* 3 25 23 *D*
$\Delta = 102°$. $h = 650$ km. Java Sea.

18 *eP·Z* 6 35 55
$\Delta = 58°$. Tibet.

18 *ePKP·Z* 14 13 36
eSKP·Z 16 17 *C*
$\Delta = 130°$. $h = 450$ km. Kermadec Islands.

18 *ePKP·Z* 22 33 11
$\Delta = 150°$. $h = 100$ km. South Pacific Ocean.

19 *iP·Z* 1 57 50 *D*
$\Delta = 84°$. $h = 100$ km. Philippine Islands.

19 *eP·Z* 2 55 54
$\Delta = 59°$. $h = 100$ km. Japan.

19 *eP·Z* 7 48 21
Repetition.

19 *eP·Z* 8 09 35
$\Delta = 59°$. Japan.

19 *iP·Z* 17 13 40 *C*
ipP·Z 14 26 *D*
$\Delta = 53^1/_2°$. $h = 200$ km. Hindu Kush.

20 *eP·Z* 3 33 06
$\Delta = 75°$. Gulf of Aden.

20 *eP·Z* 10 00 22
$\Delta = 71°$. Honduras.

21 *iP·Z* 4 09 00 *D*
$\Delta = 72°$. $h = 100$ km. Honduras.

June

21 *eP·Z* 6h49m27s
$\Delta = 60°$. Iran.

21 *eP·Z* 16 13 13
$\Delta = 46°$. Turkey.

21 *eP·Z* 20 38 27
eS·E 45 29
$\Delta = 48°$. Kamchatka.

21 *eSKS·E* 20 49 09
$\Delta = 103°$. $h = 150$ km. Java.

22 *iP·Z* 1 03 46 *C*
$\Delta = 41°$. Albania/Yugoslavia.

23 *eP·Z* 9 04 49
eS·NE 12 00
eSS·NE 15 30
L·NE 20
$\Delta = 50°$. Oregon.

23 *eP·Z* 11 15 13
$\Delta = 63°$. $h = 150$ km. Japan.

23 *eP·Z* 16 46 29
$\Delta = 59°$. Iran.

24 *eP·Z* 5 19 24
$\Delta = 74°$. $h = 100$ km. El Salvador.

24 *eP·Z* 9 48 53
$\Delta = 90°$. $h = 150$ km. Sumatra.

25 *eP·Z* 2 39 15
$\Delta = 57^1/_2°$. Japan.

25 *eP·Z* 16 58 24
$\Delta = 77°$. Mariana Islands.

26 *e·Z* 4 06 49

26 *iP·Z* 14 55 51 *C*

27 *eP·Z* 3 30 09
$\Delta = 44°$. $h = 100$ km. Unimak Island.

27 *eP·Z* 7 14 27
e·Z 14 32
$\Delta = 66°$. China.

27 *eP·Z* 8 00 35
ePcP·Z 02 17
$\Delta = 44°$. $h = 300$ km. Kamchatka.

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

June			
27	$e \cdot Z$	$8^h09^m26^s$	
27	$e \cdot Z$	13 09 15	
27	$e \cdot Z$	16 15 37	
28	$e \cdot Z$	5 32 02	
28	$e \cdot Z$	17 02 26	
June			
29	$eP \cdot Z$	$14^h10^m57^s$	
	$epP \cdot Z$	11 19	
	$iPcP \cdot Z$	12 34	D
	$\Delta = 46°$. $h = 100$ km. Aleutian Islands.		
29	$eP \cdot Z$	22 04 11	
	$e \cdot Z$	04 15	
	$\Delta = 11^1/_2°$. North of Severnaya Zemlya.		
30	$eP \cdot Z$	5 14 09	
	$\Delta = 50°$. Crete.		

December 1964 HENRY JENSEN

Documentation preserved at the Geological Survey of Denmark and Greenland (GEUS) - KMS (Copenhagen), reproduced on 2005 by SGA Storia Geofisica Ambiente (Bologna) on behalf of the Istituto Nazionale di Geofisica e Vulcanologia (Rome), in the frame of the EUROSEISMOS project.
These data are considered public domain and may be freely distributed or copied for non-profit purposes provided the project is properly quoted.

Nord 1961

Local shocks.

		(P)		(S)
January				
1	17h	*i* 13m20s		*e* 13m56s
2	04	*e* 51 53		
2	19	*e* 48 14		
4	19	*i* 19 25		*e* 19 52
5	5	*e* 50 27		
6	0	*e* 57 01		*e* 57 06
6	7	*e* 26 55		*e* 27 20
7	1	*e* 47 00		
7	6	*e* 37 27		
8	9	*e* 50 00		*e* 50 09
8	13	*e* 58 35		*e* 59 02
8	20	*e* 11 35		*e* 12 20
9	8	*e* 50 09		*e* 50 36
9	11	*e* 28 57		*e* 29 24
9	19	*e* 32 29		
9	20	*e* 47 15		
9	22	*e* 50 56		
10	10	*i* 32 07	C!	*i* 32 27
10	17	*e* 02 06		
11	17	*e* 13 10		*e* 13 37
13	0	*i* 37 49		*e* 38 04
19	17	*e* 01 48		
20	17	*e* 24 59		
21	3	*e* 29 06		
21	17	*i* 45 57		*i* 46 18
22	1	*i* 52 54	C	
23	9	*i* 25 54	C!	
24	1	*i* 31 22	D!	*i* 31 33
25	7	*e* 12 34		
25	12	*e* 25 58		
25	13	*e* 55 53		
26	9	*i* 57 57		
27	8	*i* 37 13		
27	14	*e* 07 08		*e* 07 30
28	14	*e* 25 15		
29	18	*i* 47 48	C	
31	0	*e* 46 58		
February				
1	15h	*e* 13m10s		*e* 13m47s
2	7	*e* 56 29		*e* 56 49
2	23	*e* 15 30		*e* 15 56
2	23	*e* 47 40		
8	10	*e* 45 25		*e* 45 55
9	10	*e* 30 26		*e* 30 29
9	15	*e* 40 35		*e* 40 45
10	16	*e* 40 49		*e* 41 19
10	21	*e* 17 18		*e* 17 26
11	0	*e* 30 32		
11	17	*e* 42 14		
11	18	*e* 51 23		
11	23	*e* 27 23		
12	5	*e* 34 46		
12	6	*e* 39 48		

		(P)		(S)
February				
12	14h	*e* 42m43s		
12	21	*e* 42 55		
13	1	*e* 35 55		
13	8	*e* 41 37		
14	5	*e* 42 28		
15	8	*e* 09 37		*e* 09m42s
16	2	*e* 09 24		*e* 10 43
17	8	*i* 16 48		*i* 16 56
18	4	*i* 09 59	D	*e* 10 28
18	15	*e* 14 30		
20	0	*e* 44 50		*e* 45 10
20	3	*e* 28 25		
20	8	*e* 23 02		
20	11	*e* 00 14		*e* 00 23
20	23	*i* 40 33		*e* 40 41
23	10	*i* 59 45	D	*i* 60 15
		$T = 0^s.7$, $A = 5$ mm		$T = 0^s.5$, $A = 8$ mm
23	17	*i* 23 22		
27	23	*e* 17 56		*e* 18 16
28	3	*e* 00 21		
March				
1	1h	*e* 15m00s		
2	21	*e* 21 38		*e* 21m47s
5	15	*e* 32 39		
8	3	*e* 31 08		*e* 31 13
10	16	*e* 26 52		*e* 27 22
12	12	*i* 19 00	D	
18	16	*e* 51 21		
22	1	*i* 20 09	D	*e* 20 38
23	19	*i* 01 56	C	
25	16	*e* 59 27		*e* 59 47
26	8	*e* 09 22		*e* 09 42
29	11	*e* 59 16		*e* 59 40
29	14	*e* 08 09		*e* 08 24
30	5	*e* 32 14		*e* 32 53
April				
1	19h	*e* 27m43s		
4	10	*e* 43 38		
6	12	*e* 27 03		*e* 27m31s
7	10	*e* 50 44		*e* 51 06
9	20	*e* 16 55		
10	10	*e* 09 22		
11	4	*e* 12 15		*e* 12 22
11	6	*e* 20 20		*e* 20 41
11	6	*e* 30 06		
12	2	*e* 11 40		*i* 11 59
12	18	*e* 01 36		
15	19	*e* 31 15		
15	19	*e* 33 03		
17	6	*i* 24 45	C	*i* 24 49
17	8	*i* 17 16	C	*i* 17 20
18	19	*e* 46 36		*e* 47 04
19	5	*i* 09 27	C	*e* 09 46