



Canada

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Seismological Bulletin

*Seismological Service
of Canada*

**January - March
1958**

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1959

*Dominion Observatory,
Department of Mines and
Technical Surveys, Ottawa*

SEISMOLOGICAL BULLETIN - 1958

This report lists the instrumental results obtained at the seismological stations maintained by the Seismological Service of Canada. These are divided into two divisions.

Eastern Division

Ottawa, Ontario -
Dominion Observatory, Dept. of Mines and Technical Surveys.

Halifax, Nova Scotia -
Operated by Dalhousie University for the Dominion Observatory.

Seven Falls, Quebec -
Owned by the Quebec Power Company; operated by the Company for the Dominion Observatory.

Shawinigan Falls, Quebec -
Owned by the Shawinigan Water and Power Co.; operated by the Company for the Dominion Observatory.

Resolute, Northwest Territories -
Owned and operated by the Dominion Observatory, R. Halliday in charge.

The records of all stations of the Eastern Division are stored at Ottawa. Local earthquakes are interpreted by means of travel-time curves based on rockburst studies. (See J.H. Hodgson, Publication of the Dominion Observatory, XVI, Nos. 5 and 6).

DOMINION OBSERVATORIES

Western Division

Victoria, British Columbia -
Dominion Astrophysical Observatory, Dept. of Mines and
Technical Surveys, Royal Oak, B.C.

Saskatoon, Saskatchewan -
Operated by the University of Saskatchewan for the
Dominion Observatory.

Banff, Alberta -
Operated by the Banff School of Fine Arts for the
Dominion Observatory.

Horseshoe Bay, British Columbia -
Owned and operated by the Dominion Observatory.
W.S. Blacklock in charge.

Alberni, British Columbia -
Owned and operated by the Dominion Observatory.
W.N. Burgess in charge.

The records of all stations of the Western Division are
stored at Victoria.

Magnification curves for the various instruments operated at
the above stations will be found on the following pages. All times are read
from the end of the minute mark.

John H. Hodgson,
Chief, Division of Seismology.

SEISMOLOGICAL BULLETIN - 1958

Explanation of Calibration Curves

Calibration curves for all the seismographs of the Canadian network have now been determined using a bridge circuit developed by this Observatory (see P.L. Willmore, "The Application of the Maxwell Impedance Bridge to the Calibration of Electromagnetic Seismographs", Bull. Seis. Soc. Am., in press). Estimated curves are included for the instruments which have not yet been calibrated, and are distinguished from the others by the absence of calibration points. The curves show the velocity sensitivity of each instrument (i.e. the trace displacement in centimetres for unit particle velocity in the ground) as a function of the period of the earthquake waves.

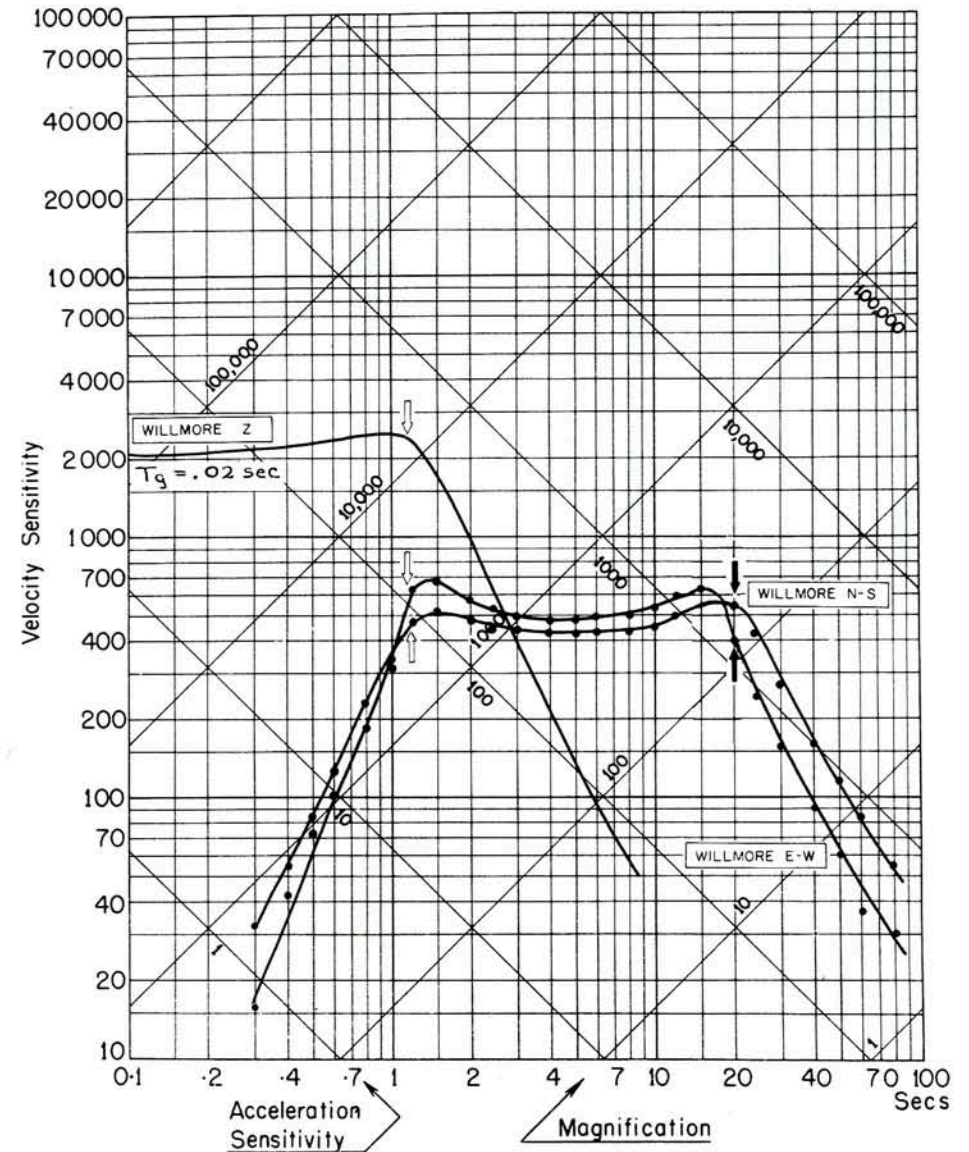
For waves of period T , the magnification and the acceleration sensitivity of any instrument can be determined by multiplying the velocity sensitivity by $\frac{2\pi}{T}$ or by $\frac{\pi T}{2}$ respectively. To facilitate these conversions, lines of constant magnification and of constant acceleration sensitivity are ruled across each graph, the former sloping upwards from left to right, and the latter from right to left. To find the magnification of an instrument for ground waves of any given period, place one point of a pair of dividers on the calibration curve at the appropriate period, and adjust the other point to rest vertically below the first on a magnification line. Move the dividers so that the lower point falls on a horizontal grid line marked with an exact power of 10. The upper point of the dividers will then indicate the magnification. The decimal multiplier will be determined by the fact that the magnification must lie between the values indicated on the datum lines above and below the calibration point. The acceleration sensitivity can be found in the same way as the magnification, starting with an acceleration datum line.

DOMINION OBSERVATORIES

NOTES

1. Since the introduction of new short-period instruments at Resolute, numerous events, apparently local earthquakes, are being recorded. We do not think we can identify the phases of these disturbances from the records of the single station. For the time being, therefore, the readings will be entered in the bulletin without phase designation.
2. Starting with this first quarter bulletin epicentres and locations for all local shocks in Eastern Canada will be given following the regular earthquake bulletin. Epicentres and locations for local shocks in Western Canada will be included as soon as possible but for the time being recorded data will be listed in the earthquake bulletin with no phase designations.
3. During the period Jan. 1 to Feb. 3, 1958, the Ottawa long-period vertical Benioff was out of operation. Feb. 4 a 75 sec. galvanometer was installed. Calibration curves may be found on Page 10.

CALIBRATION CURVES
 STATION: ALBERNI



$\phi = 49^\circ 16' 14'' \text{N}$ $\lambda = 124^\circ 49' 18'' \text{W}$ Altitude

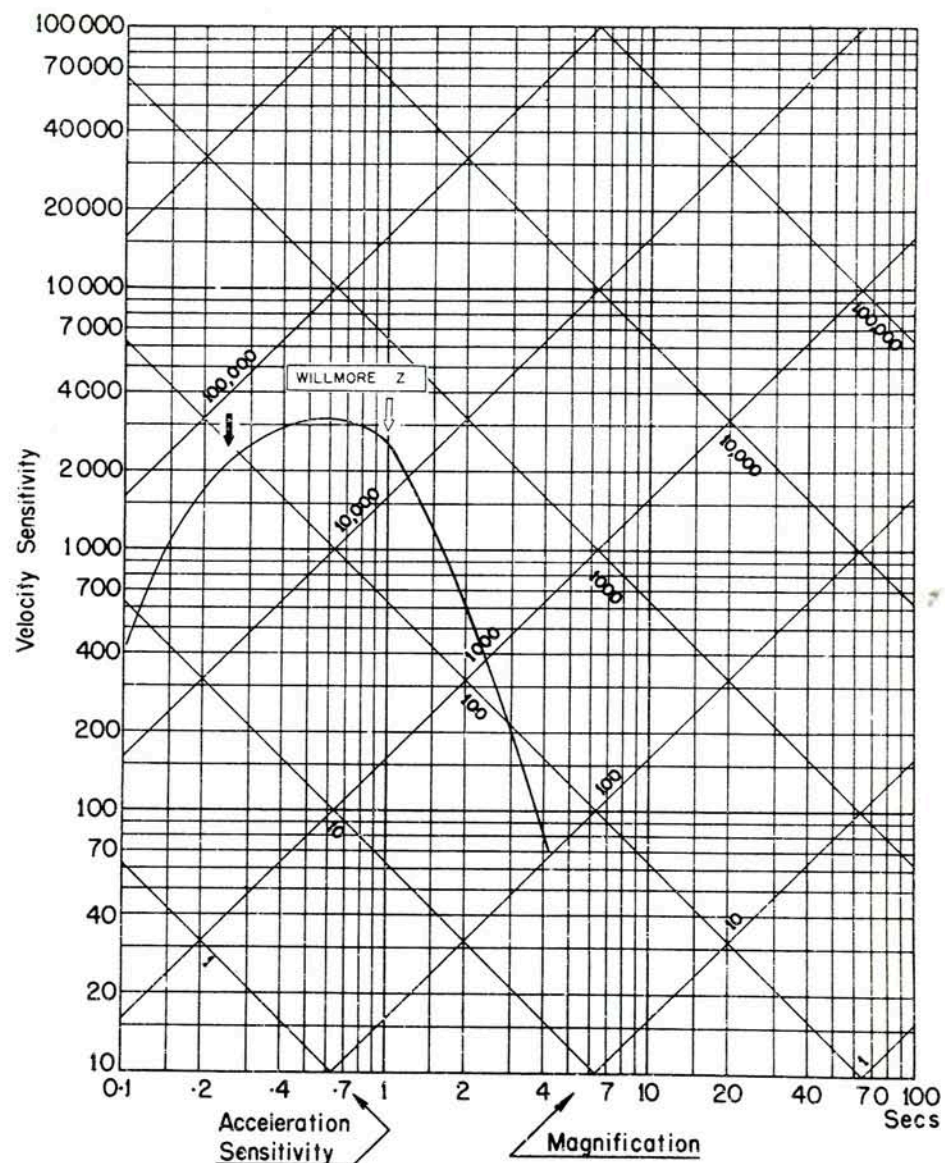
Foundation : Basic volcanic rock

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 9 1957

STATION: BANFF



$\phi = 51^{\circ} 10.3' N$ $\lambda = 115^{\circ} 33.5' W$ Altitude

Foundation: Bedrock

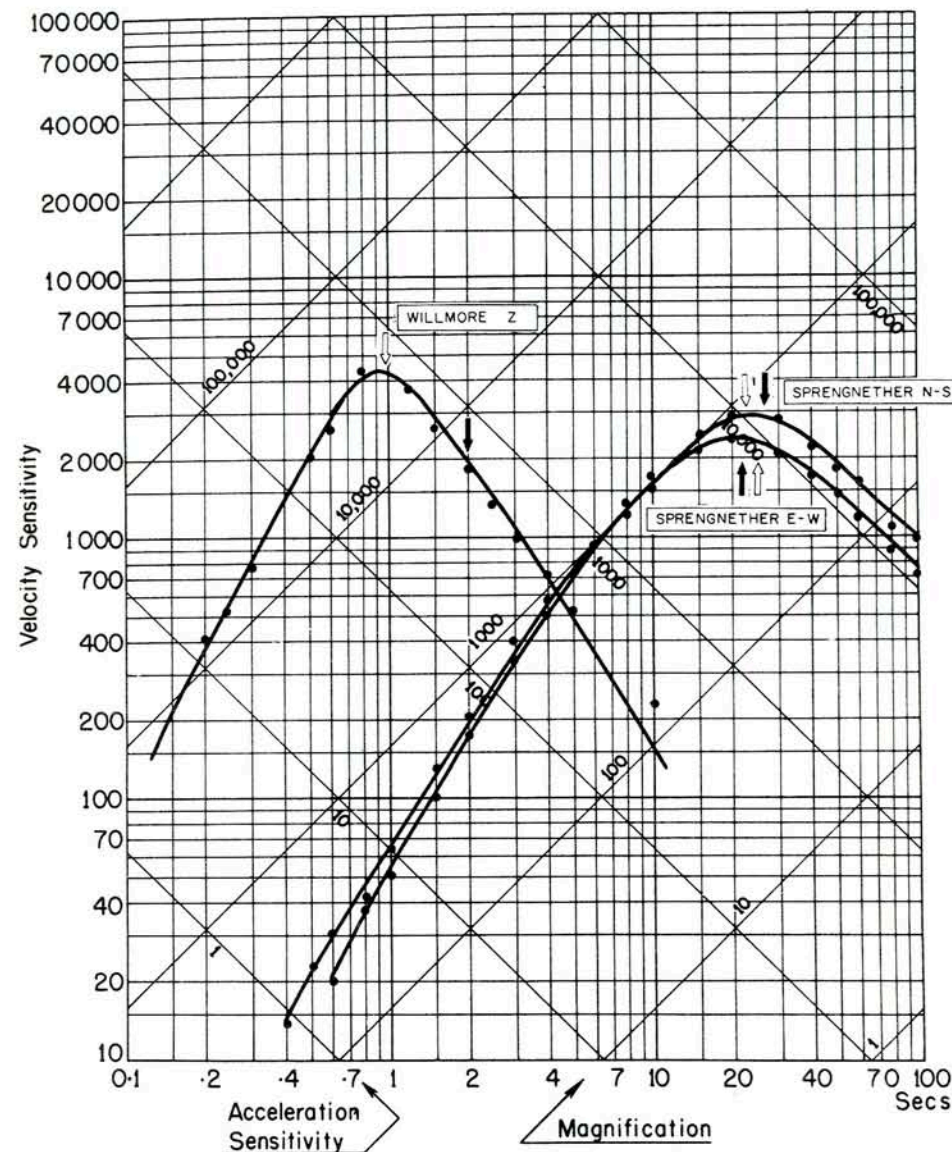
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated Curve

CALIBRATION CURVES

STATION: HALIFAX



$\phi = 44^{\circ} 38' N$ $\lambda = 68^{\circ} 36' N$ Altitude 56M

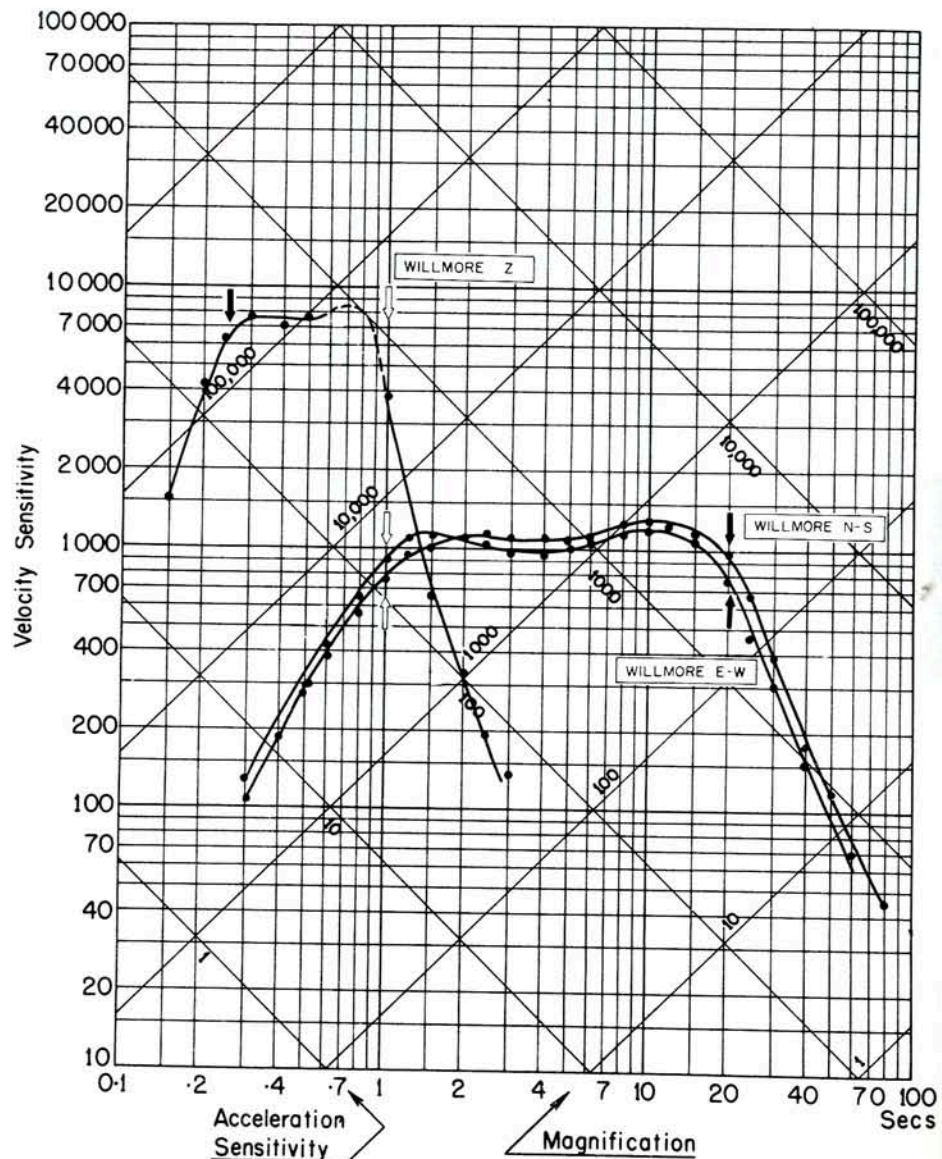
Foundation: Carbonaceous slate

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: December 1956 - Spreng's
December 1957 - Willmore

CALIBRATION CURVES
STATION: HORESHOE BAY



$\phi = 49^{\circ} 22'39''N$ $\lambda = 123^{\circ} 16'33''W$ Altitude

Foundation: Quartz diorite

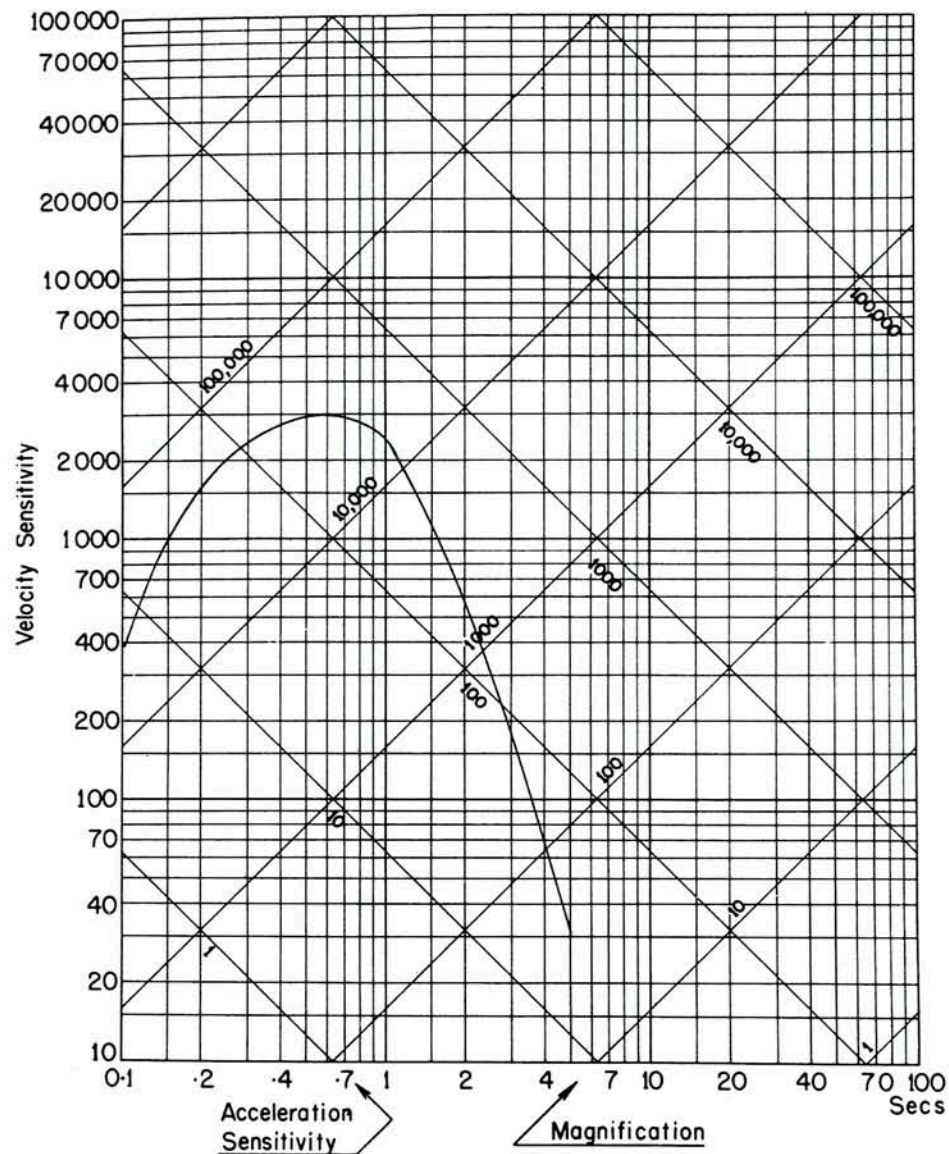
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 17 1957

CALIBRATION CURVES

STATION: LILLOET



$\phi = 50^{\circ} 41.73'$ $\lambda = 121^{\circ} 54.97'$ Altitude

Foundation: Shallow overburden on acid intrusives

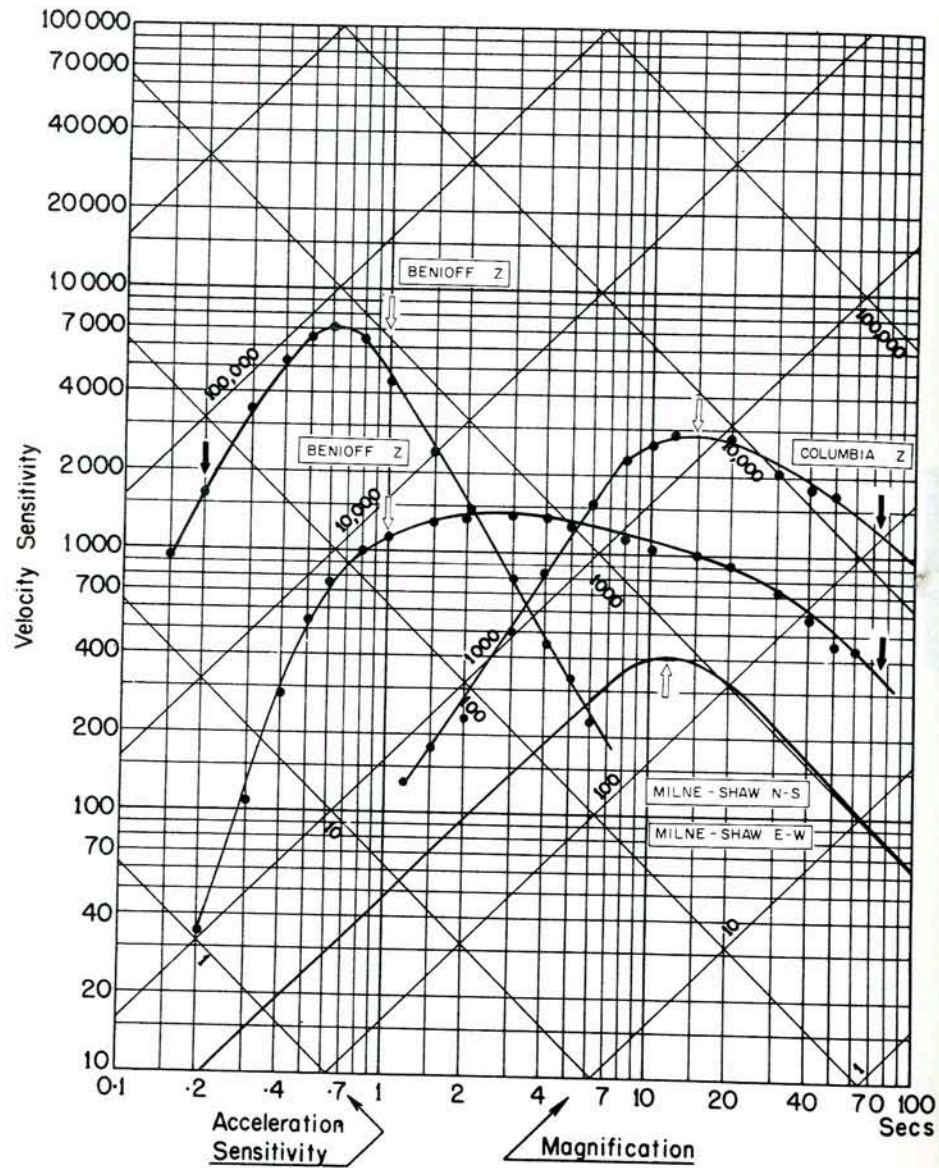
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated

CALIBRATION CURVES

STATION: OTTAWA



$\phi = 45^{\circ} 23'38''N$ $\lambda = 75^{\circ} 42'57''W$ Altitude 83M

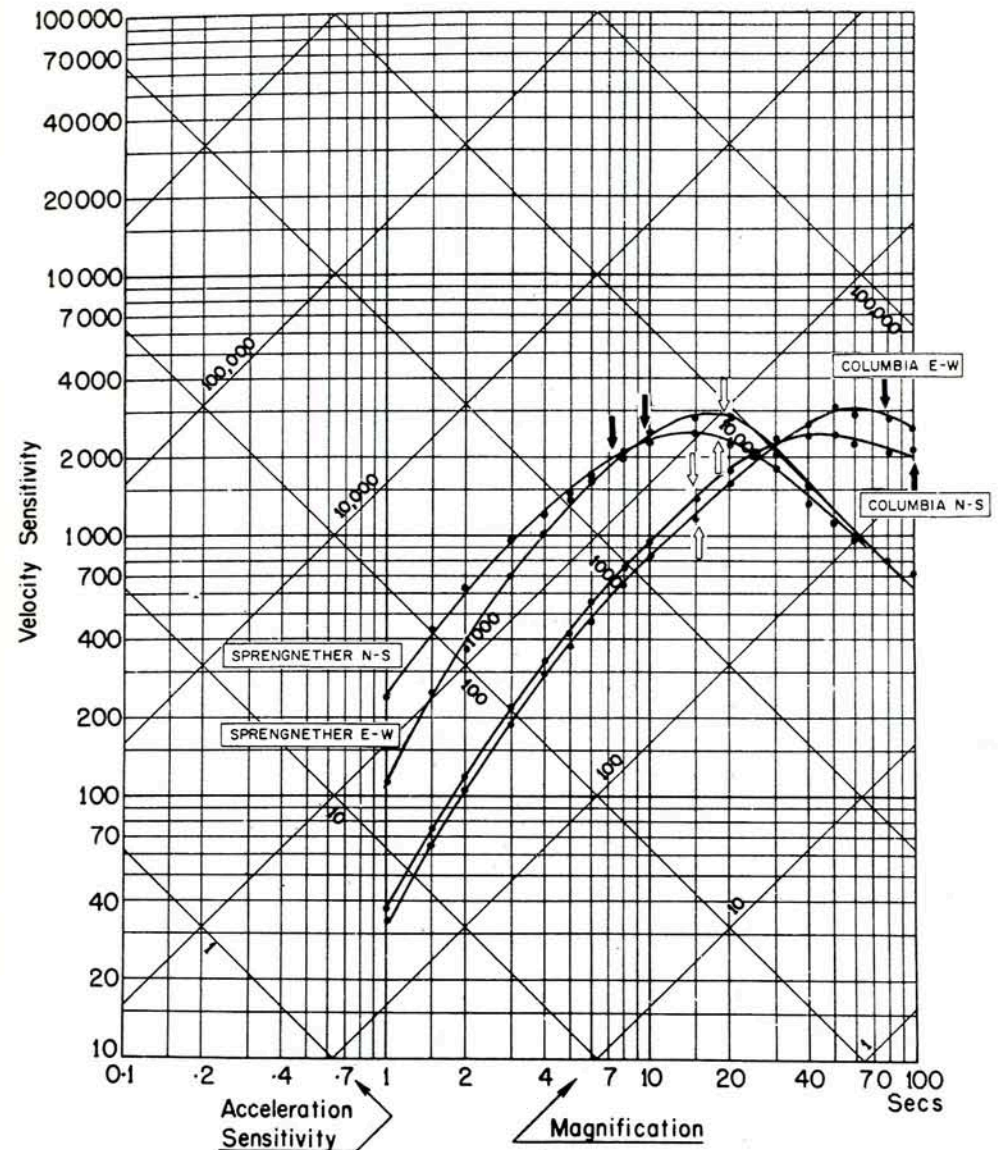
Foundation: Boulder clay on limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: May 28, 1958
(see notes)

STATION: RESOLUTE HORIZONTALS



$\phi = 74^{\circ} 41.2' N$ $\lambda = 94^{\circ} 54.0' W$ Altitude 15 m

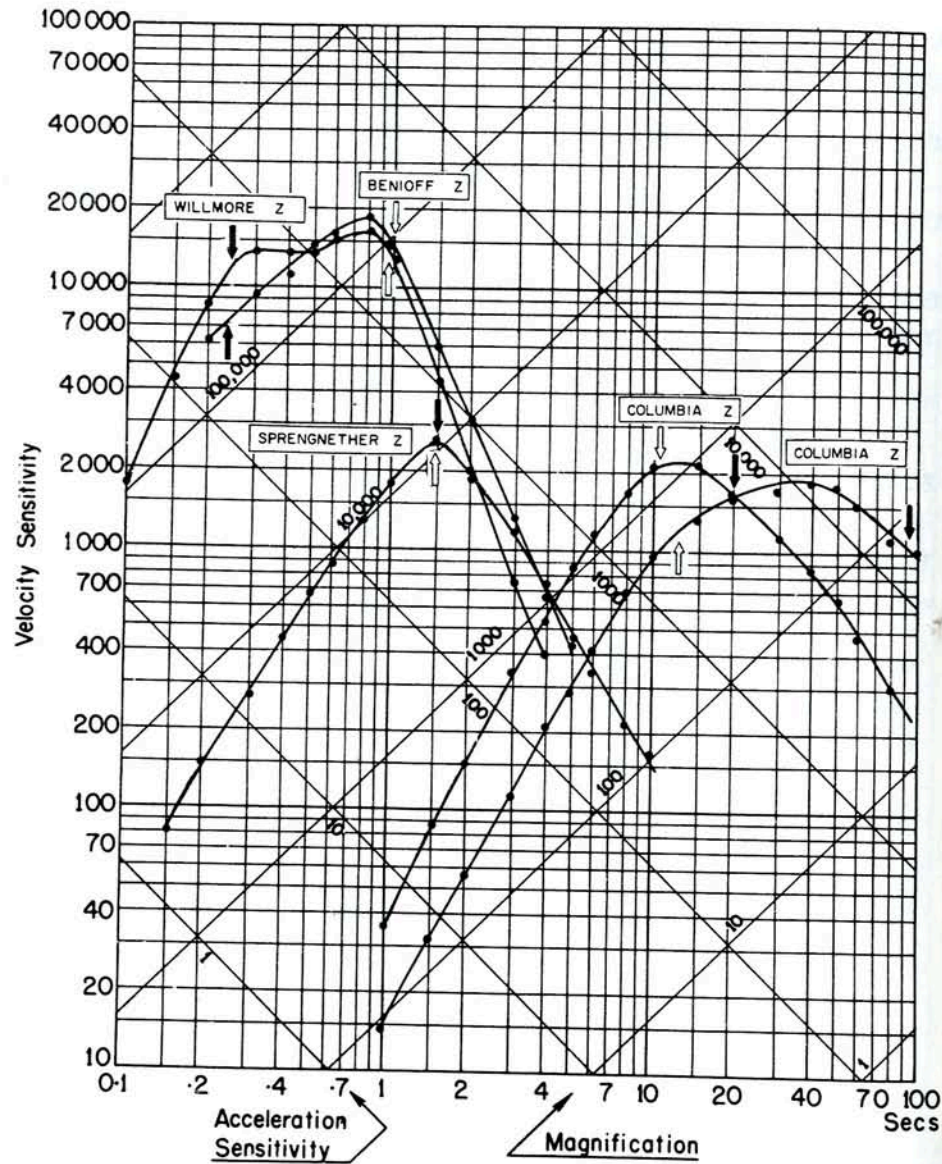
Foundation: Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: December 1957

STATION: RESOLUTE VERTICALS



$\phi = 74^{\circ} 41.2' N$ $\lambda = 94^{\circ} 54.0' W$ Altitude 15 m

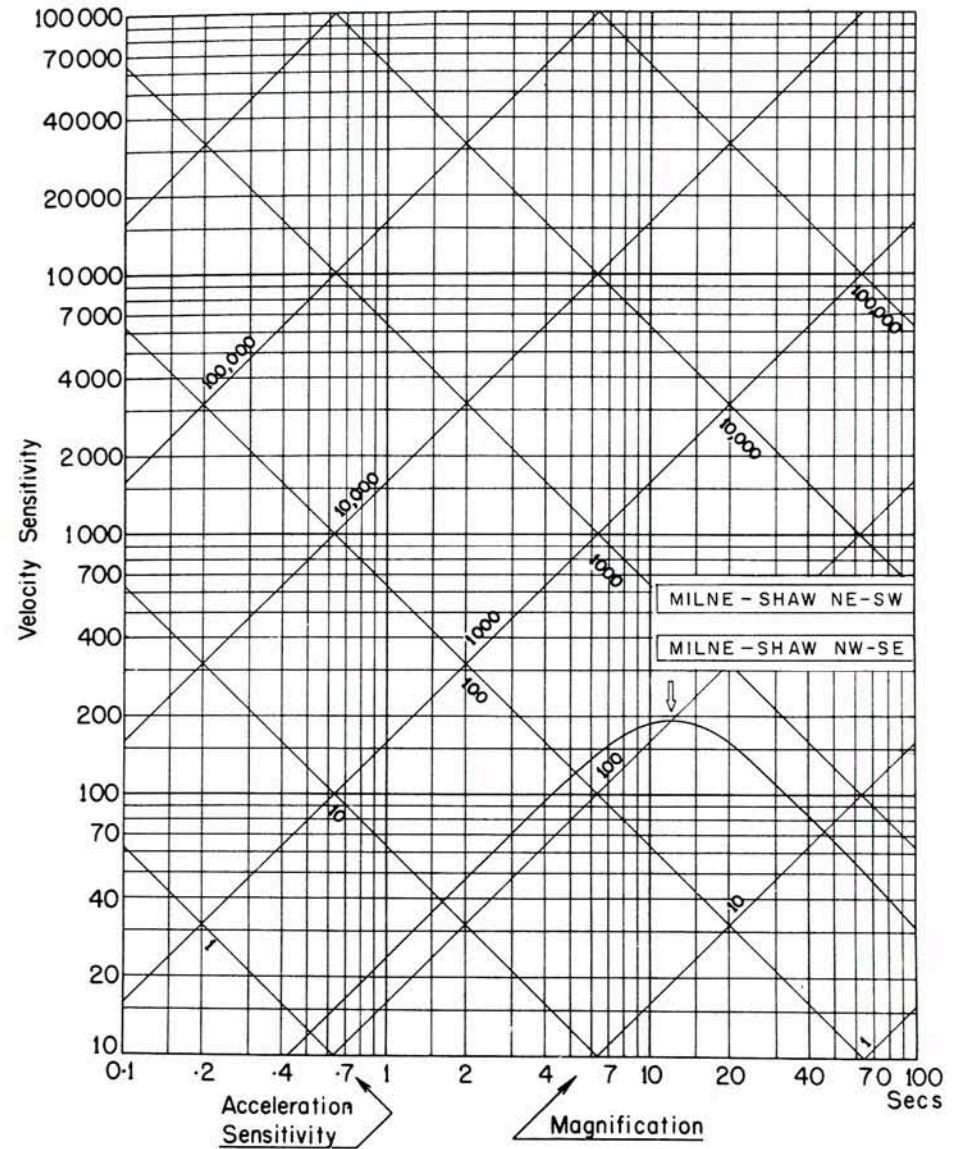
Foundation: Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: December 1957

STATION: SASKATOON



$\phi = 52^{\circ} 08' N$ $\lambda = 106^{\circ} 38' W$ Altitude 515 m

Foundation: Clay and Sand

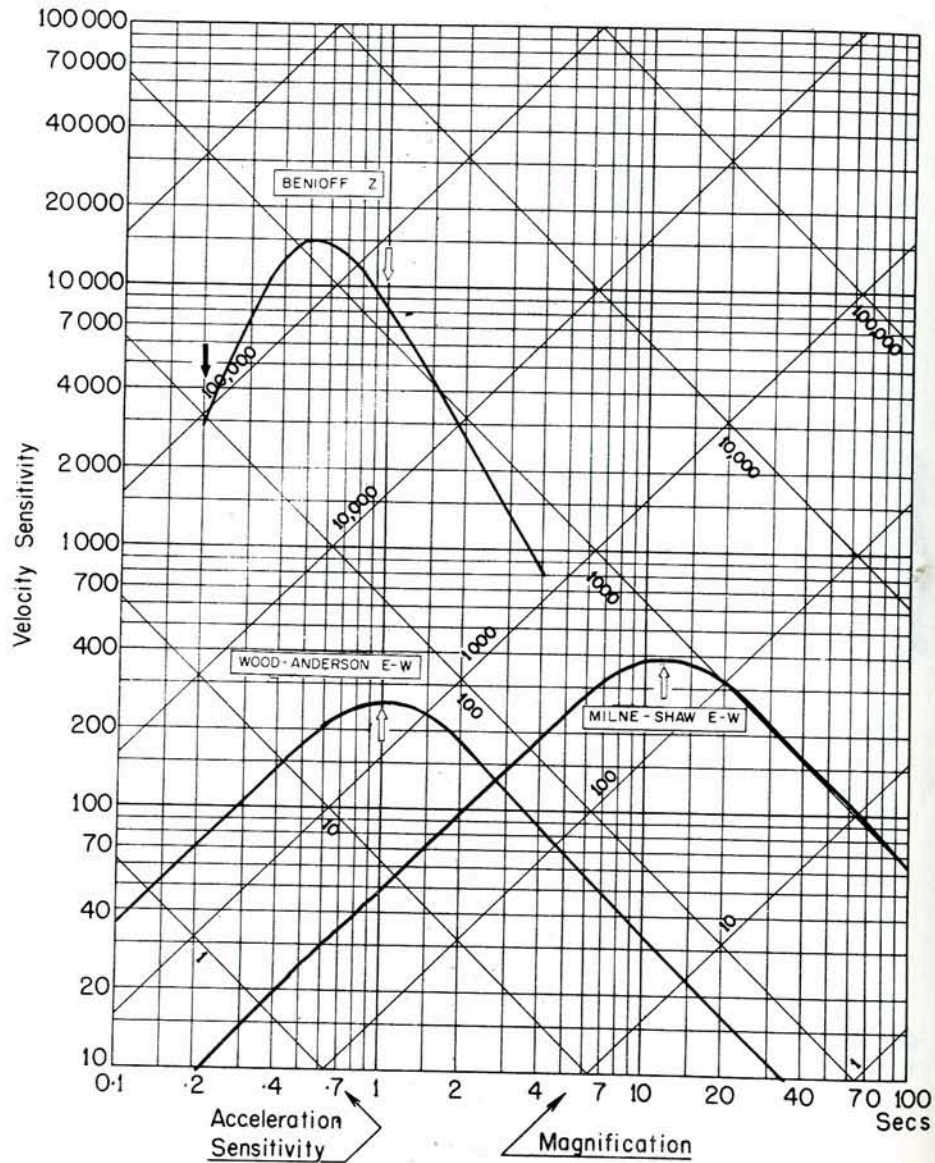
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: -

CALIBRATION CURVES

STATION: SEVEN FALLS



$\phi = 47^{\circ} 07.4' N$ $\lambda = 70^{\circ} 49.6' W$ Altitude 222 M

Foundation: Precambrian basement rock

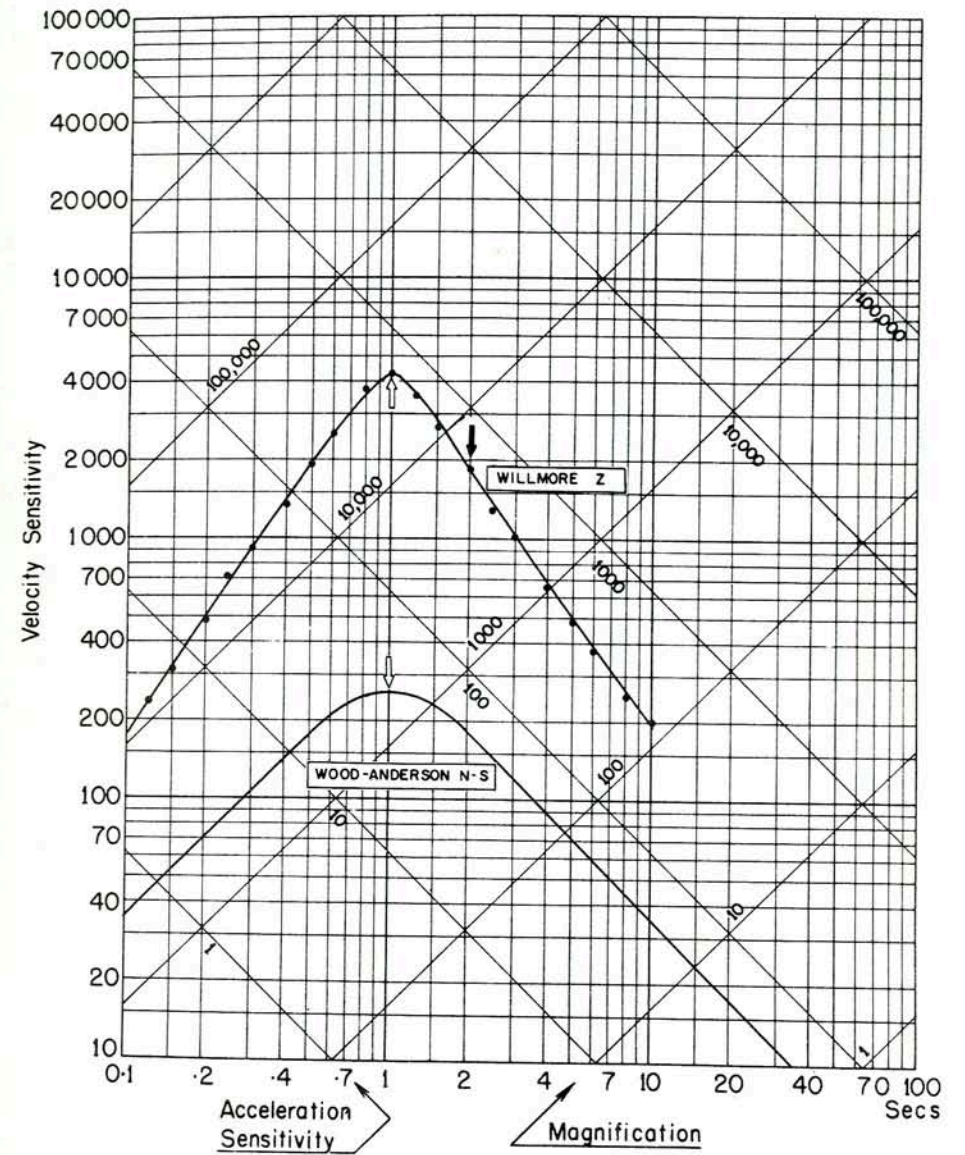
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated

CALIBRATION CURVES

STATION: SHAWINIGAN FALLS



$\phi = 46^{\circ} 33.1' N$ $\lambda = 72^{\circ} 45.8' W$ Altitude 60m

Foundation: Precambrian basement

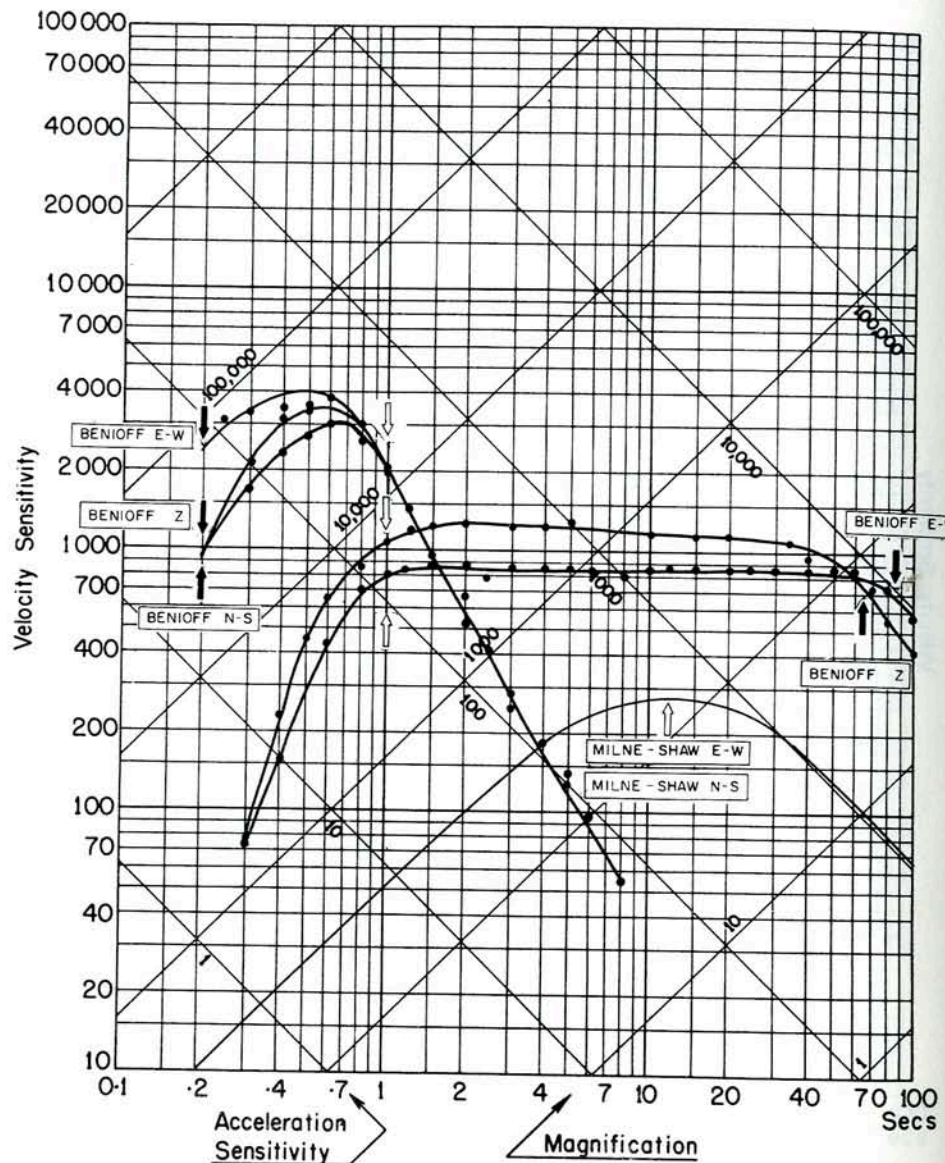
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: December 10th, 1956.

CALIBRATION CURVES

STATION: VICTORIA



$\phi = 48^\circ 31'10''N$ $\lambda = 123^\circ 24'55''W$ Altitude 197M

Foundation: Quartz diorite

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 4 1957

NOTE: Calibration for Benioff L.P.-N.S. not available.
Use mean of Benioff L.P.Z. and E.W.

SEISMOLOGICAL BULLETIN - 1958

JANUARY - MARCH

JANUARY 1
U. S. C. G. S.
Unimak Island
H = 03 06 16
✓ Resolute
eP 03 12 54
eS 03 19 09

JANUARY 1
✓ Resolute
eP 07 10 11 d

JANUARY 1
U. S. C. G. S.
52 N, 171 1/2W
Fox Islands, Aleutian
Islands
H = 15 06 08
✓ Banff
iP 15 12 58 c

✓ Ottawa
eP 15 16 12

✓ Resolute
eP 15 13 22 c
PcP 15 15 43
iS 15 19 26
SS 15 22 05
eL 15 24.6

✓ Seven Falls
eP 15 16 19

✓ Shawinigan Falls
iP 15 16 17

JANUARY 2
U. S. C. G. S.
5 S, 152E
New Britain
H = 00 21 22
✓ Horseshoe Bay
iP 00 34 27

✓ Resolute
eP 00 35 15
eS 00 46 44
eSS 00 53.0
eL 01 03.5

✓ JANUARY 2
Resolute
eP 01 41 32 d

JANUARY 2
U. S. C. G. S.
36 1/2N, 22E
Off south coast of
Greece
H = 02 08 15
✓ Halifax
iP 02 18 56 d

✓ Ottawa
eP 02 19 14 c
✓ Resolute
iP 02 18 37 c
eS 02 27 06
eL 02 36.2

✓ Seven Falls
eP 02 19 06
i 02 19 19
✓ Shawinigan Falls
eP 02 18 59

JANUARY 2
✓ Resolute
i 13 48 32
i 13 48 38
Local shock

JANUARY 2
U. S. C. G. S.
34 1/2N, 48E
Iran
H = 15 45 22
✓ Resolute
eP 15 56 27 c
iP 15 56 27.5 d
eS 16 05 00

JANUARY 2
U. S. C. G. S.
45N, 151E
Kurile Islands
H = 21 12 07
h = 60 km
✓ Ottawa
eP 21 24 19
✓ Resolute
eP 21 21 22 c
iP 21 21 22.5 d
PcP 21 22 30
SSS 21 35 19
SKKP 21 44 25
✓ Shawinigan Falls
eP 21 24 20

JANUARY 2
Resolute
eP 22 30 28.5 d
iP 22 30 29 c
eS 22 33 13

JANUARY 2
U. S. C. G. S.
11 1/2N, 60 1/2W
Northeast of
Trinidad
H = 22 35 29
✓ Ottawa
eP 22 42 38 c

✓ Resolute
eP 22 46 21 c
eS 22 55 09
eL 23 03.4
✓ Shawinigan Falls
iP 22 42 41 c

DOMINION OBSERVATORIES

JANUARY 3
U. S. C. G. S.
29 1/2N, 141E
South of Honshu,
Japan

H = 01 55 10
✓ Resolute
eP 02 06 22.5 d
iP 02 06 23 c
eL 02 25 30

JANUARY 3
U. S. C. G. S.
32N, 41 1/2W
North Atlantic Ocean

H = 06 24 31
✓ Banff
eP 06 34 13
✓ Halifax
eS 06 33 22
✓ Resolute
eP 06 33 30.5 c
iP 06 33 31 d
eS 06 40 40
SS 06 44 18
eL 06 45.5

✓ Seven Falls
eP 06 30 19
✓ Shawinigan Falls
eP 06 30 35

JANUARY 3
U. S. C. G. S.
32N, 41 1/2W
North Atlantic Ocean

H = 06 24 31
✓ Shawinigan Falls
eP 06 30 35

JANUARY 3
U. S. C. G. S.
31N, 40 1/2W
North Atlantic Ocean

H = 06 49 56
✓ Resolute
eP 06 59 03 c
eL 07 11 32

✓ Shawinigan Falls
eP 06 56 00

JANUARY 3
U. S. C. G. S.
31N, 40 1/2W
North Atlantic Ocean

H = 07 02 07
✓ Banff
eP 07 11 56
✓ Resolute
eP 07 11 14
eS 07 18 20
SS 07 22 06
eL 07 24.4

✓ Seven Falls
eP 07 08 06
✓ Shawinigan Falls
eP 07 08 13

JANUARY 3
✓ Resolute
eP 07 24 48 c

JANUARY 3
U. S. C. G. S.
31 1/2N, 41W
North Atlantic Ocean

H = 07 55 40
✓ Horseshoe Bay
iP 08 06 14
✓ Resolute
eP 08 04 40
eL 08 22 10

JANUARY 3
U. S. C. G. S.
32 1/2N, 41W
North Atlantic Ocean

H = 08 33 31
✓ Resolute
eP 08 42 28
eS 08 49 52
eL 08 57.5

✓ Seven Falls
eP 08 39 25
✓ Shawinigan Falls
eP 08 39 35

JANUARY 3
Resolute
i 09 13 43
i 09 13 49
Local shock

JANUARY 3
U. S. C. G. S.
31 1/2N, 40 1/2W
North Atlantic Ocean

H = 09 25 47
✓ Resolute
eP 09 34 49
eL 09 49.5
✓ Seven Falls
eP 09 31 42
✓ Shawinigan Falls
eP 09 31 52

JANUARY 3
U. S. C. G. S.
31 1/2N, 41W
North Atlantic Ocean

H = 10 12 33
✓ Resolute
eP 10 21 34 c
eL 11 05.0
✓ Shawinigan Falls
eP 10 18 40

JANUARY 3
✓ Resolute
eP 13 37 36.5 d
iP 13 37 37 c
eS 13 40 16



SEISMOLOGICAL BULLETIN - 1958

JANUARY 3
U. S. C. G. S.
22S, 65E

Mascarene Islands
Region
H = 17 47 12
✓ Alberni
eP 18 07 10
✓ Ottawa
eP' 18 06 39
✓ Resolute
iP' 18 06 18 d
SS 18 25 19
eL 18 40.0
✓ Seven Falls
eP' 18 06 39
✓ Shawinigan Falls
eP' 18 06 42

JANUARY 3
✓ Resolute
eP 22 13 18 c
e 22 20 28
e 22 24.0
e 22 30 34
✓ Seven Falls
eP 22 16 34 d

JANUARY 4
Resolute
i 03 13 41 d
e 03 13 47
e 03 14 08
Local shock

JANUARY 4
U. S. C. G. S.
31 1/2N, 40 1/2W
North Atlantic Ocean

H = 06 39 45
✓ Halifax
eP 06 44 44
✓ iS 06 48 50
✓ Resolute
iP 06 48 46 c

eS 06 56 08
SS 06 59 38
eL 07 00.1
Resolute
eP 08 39 58
eL 09 14.0

✓ Seven Falls
eP 06 45 35
✓ Shawinigan Falls
eP 06 45 46

JANUARY 4
U. S. C. G. S.
17N, 99 1/2W
Guerrero, Mexico
H = 08 02 20
Mag. 5 3/4

✓ Banff
iP 08 09 27 c
✓ Horseshoe Bay
eP 08 09 37 c
e 08 09 45 c
eL 08 22.6

✓ Ottawa
eP 08 09 13 c
✓ Resolute
iP 08 12 13 c
eS 08 20 26
eL 08 26 40

✓ Saskatoon
e 08 21 26
e 08 23 56
✓ Seven Falls
eP 08 09 43
✓ Shawinigan Falls
eP 08 09 34 c

✓ Victoria
iP 08 09 34

JANUARY 4
Resolute
i 08 26 36
i 08 26 42

JANUARY 4
U. S. C. G. S.
27N, 92E
India-Tibet border
H = 08 27 53

JANUARY 4
U. S. C. G. S.
6S, 133E
Banda Sea
H = 13 05 24
✓ Seven Falls
eSKP 13 28 10

JANUARY 4
U. S. C. G. S.
32N, 41W
North Atlantic Ocean
H = 15 33 54

✓ Resolute
eP 15 42 53
eL 15 55.5

JANUARY 4
U. S. C. G. S.
8 1/2S, 112E
Off south coast of
Java
H = 23 21 38
h = 200 km
✓ Seven Falls
eP' 23 40 48

JANUARY 5
U. S. C. G. S.
2N, 122 1/2E
Celebes Sea
H = 08 05 11
h = 550 km

✓ Ottawa
iP' 08 23 25 c
SKP 08 26 00
✓ Resolute
eP 08 18 04
sP 08 30 25
PS 08 31 25
sSS 08 39 00

DOMINION OBSERVATORIES

✓ PP' 08 42 36 ✓ Victoria
 ✓ SKPP' 08 46 00 ✓ iP 11 41 09
 ✓ Seven Falls
 eP' 08 23 23 d
 ✓ SKP 08 25 58
 ✓ Shawinigan Falls
 eP' 08 23 24 d
 ✓ PP 08 25 46
 ✓ SKP 08 26 00
 ✓ sP' 08 26 14
 ✓ PKS 08 26 39

JANUARY 5
 U.S.C.G.S.
 56 1/2N, 121E
 Stanovoi Mountains,
 Siberia
 H = 11 30 44
 ✓ Banff
 eP 11 41 20 c
 ✓ Halifax
 iP 11 42 52 d
 eS 11 52 53
 eSSS 12 01 35
 ✓ Horseshoe Bay
 iP 11 41 06 c
 eL 12 03.7
 ✓ Ottawa
 iP 11 42 42 d
 ✓ Resolute
 eP 11 39 15 c
 iP 11 39 15.5 d
 ✓ PP 11 41 11
 eS 11 46 11
 SS 11 49 40
 eL 11 51.1
 ✓ Saskatoon
 e 12 05 13
 ✓ Seven Falls
 P 11 42 35
 PP 11 45 30
 PPP 11 47 12
 S 11 52 22
 SS 11 57 18
 L 12 05 18
 ✓ Shawinigan Falls
 eP 11 42 38 d

✓ Victoria
 iP 11 41 09
 JANUARY 5
 U.S.C.G.S.
 6S, 155E
 Solomon Islands
 H = 12 28 20
 h = 100 km
 ✓ Ottawa
 iP' 12 47 09 c
 ✓ Seven Falls
 eP' 12 47 13
 ✓ Shawinigan Falls
 iP' 12 47 11
 JANUARY 5
 Ottawa
 eP 15 41 36

JANUARY 6
 U.S.C.G.S.
 37 1/2N, 71E
 Hindu Kush
 H = 01 54 30
 ✓ Banff
 iP 02 07 40 c
 ✓ Horseshoe Bay
 iP 02 07 45 c
 ✓ Ottawa
 eP 02 07 50
 e 02 08 12
 ✓ Resolute
 iP 02 05 31 c
 eS 02 14 25
 eL 02 24.0
 ✓ Seven Falls
 eP 02 07 30 c
 ✓ Shawinigan Falls
 eP 02 07 35 d
 ✓ Victoria
 eP 02 07 49

JANUARY 6
 Horseshoe Bay
 e 02 51 35.8
 e 02 52 08
 Local shock
 ✓ Victoria
 e 02 51 47.8
 e 02 51 51.8
 JANUARY 6
 U.S.C.G.S.
 54 1/2N, 161W
 Unimak Island
 region
 H = 09 07 40
 ✓ Resolute
 iP 09 14 12 d
 eS 09 19 29
 eL 09 24.3
 JANUARY 6
 Resolute
 i 10 45 47
 i 10 45 54
 Local shock
 JANUARY 6
 U.S.C.G.S.
 26N, 96 1/2E
 Burma
 H = 11 24 11
 ✓ Resolute
 eP 11 36 18
 eS 11 46 12
 eL 12 01.4

JANUARY 6
 U.S.C.G.S.
 5 1/2S, 147E
 Near north coast of New Guinea
 H = 11 13 56
 h = 150km



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JANUARY 6
 U.S.C.G.S.
 39N, 69W
 Tadzhik (U.S.S.R.)
 H = 06 05 08
 ✓ Resolute
 iP 06 15 59 c
 eL 06 39.0
 ✓ Seven Falls
 eP 06 18 01
 ✓ Shawinigan Falls
 iP 06 18 06 d

✓ Banff
 eP 11 27 24
 ✓ Horseshoe Bay
 eP 11 27 02 d
 ✓ Ottawa
 eP' 11 32 44 d
 ✓ Resolute
 SS 11 46 20
 ✓ Seven Falls
 eP' 11 32 47
 ✓ Shawinigan Falls
 eP' 11 32 45

JANUARY 9
 Seven Falls
 eP 21 22 30
 e 21 24 43
 JANUARY 10
 U.S.C.G.S.
 52N 171W
 Fox Islands
 Aleutian Island
 H = 13 37 14
 ✓ Ottawa
 eP 13 47 15 c
 ✓ Resolute
 eP 13 44 25 c
 P_CP 13 46 46
 eS 13 50 14
 SS 13 53 16
 eL 13 55 0
 ✓ Shawinigan Falls
 cP 13 47 19 c

JANUARY 7
 Resolute
 i 08 06 47
 i 08 06 54
 Local shock
 JANUARY 7
 U.S.C.G.S.
 44 1/2N 85E
 Suikiang Province, China
 H = 17 39 24
 ✓ Banff
 iP 17 51 51 c
 ✓ Ottawa
 eP 17 52 21 c
 ✓ Resolute
 iP 17 49 40 c
 eS 17 58 07
 SS 18 02 40
 eL 18 05 1

JANUARY 7
 Resolute
 i 15 35 08
 i 15 35 35
 Local shock
 JANUARY 8
 Resolute
 i 08 53 53 d
 e 08 54 16
 Local shock
 JANUARY 8
 Horseshoe Bay
 i 19 24 16.2
 i 19 24 21.7
 Local shock
 JANUARY 8
 Resolute
 e 20 01 31
 e 20 02 12
 Local shock
 JANUARY 9
 Resolute
 e 21 17 04
 e 21 18 52
 Local shock
 JANUARY 9
 U.S.C.G.S.
 5 1/2S, 147E
 Near north coast of New Guinea
 H = 11 13 56
 h = 150km

JANUARY 10
 Resolute
 iP 22 37 38 c
 JANUARY 10
 U.S.C.G.S.
 44 1/2N 148E
 Kurile Islands
 H = 22 57 12
 ✓ Resolute
 eP 23 06 36.8 d
 iP 23 06 37 c
 JANUARY 11
 U.S.C.G.S.
 55N 161E
 Kamchatka
 H = 04 47 35
 ✓ Ottawa
 iP 04 58 41 c
 ✓ Resolute
 iP 04 55 21 d

DOMINION OBSERVATORIES

✓ P_cP 04 57 20
 ✓ Seven Falls
 ✓ iP 04 58 42 c
 ✓ Shawinigan Falls
 ✓ iP 04 58 42 d
 JANUARY 11
 Fox Islands,
 Aleutian Islands
 H = 08 36 01
 ✓ Resolute
 eP 08 43 06
 ✓ i 08 43 08
 ✓ Seven Falls
 eP 08 45 51
 JANUARY 11
 U.S.C.G.S.
 23 1/2S 177W
 Tonga Islands Region
 H = 13 18 47
 ✓ Alberni
 eP 13 31 33
 ✓ Banff
 eP 13 31 59 c
 ✓ Horseshoe Bay
 iP 13 31 48 c
 iS 13 42 14
 ✓ Resolute
 P' 13 37 17
 PP 13 39 10
 SKKS 13 45 05
 PS 13 48 23
 SSS 13 58 26
 ✓ Seven Falls
 eP' 13 37 34 c
 ✓ PKKP 13 48 00
 ✓ SKKP 13 51 52
 ✓ Shawinigan Falls
 eP' 13 37 36
 ✓ PKKP 13 48 06
 ✓ SKKP 13 52 01
 ✓ Victoria
 eP 13 31 34.
 JANUARY 11
 U.S.C.G.S.
 45 1/2N 143E
 Near north coast
 of Hokkaido, Japan
 H = 23 21 00
 ✓ Resolute
 iP 23 30 25 d
 JANUARY 12
 ✓ Resolute
 eP 14 17 31 c
 JANUARY 12
 U.S.C.G.S.
 31 1/2N 41W
 Atlantic Ocean
 H = 14 55 09
 ✓ Banff
 eP 15 04 53
 ✓ Halifax
 iP 15 00 06
 ✓ eS 15 04 04
 eSSS 15 05 16
 ✓ eL 15 05 54
 ✓ Ottawa
 eP 15 01 24
 ✓ Resolute
 eP 15 04 08
 eS 15 11 24
 SS 15 15 00
 eL 15 16.5
 ✓ Seven Falls
 eP 15 00 59
 PP 15 01 57
 ✓ Shawinigan Falls
 eP 15 01 03
 JANUARY 12
 ✓ Resolute
 eP 17 29 48
 e 17 40 24
 JANUARY 13
 U.S.C.G.S.
 52 1/2N 177E
 Rat Islands,
 Aleutian Islands
 H = 00 02 24
 h = 100km
 ✓ Banff
 iP 00 09 54 c
 ✓ Horseshoe Bay
 eP 00 09 27 c
 ✓ Ottawa
 iP 00 12 51 c
 P_cP 00 13 25
 PP 00 15 10
 ✓ Resolute
 iP 00 09 51 c
 PP 00 11 34
 eS 00 15 31
 SS 00 18 55
 SSS 00 19 30
 ScS 00 20 00
 ✓ Seven Falls
 iP 00 12 57
 i 00 13 02
 P_cP 00 13 30
 ✓ Shawinigan Falls
 iP 00 12 54 c
 P_cP 00 13 28
 PP 00 15 13
 ✓ Victoria
 eP 00 09 29 c
 JANUARY 13
 7N 83W
 Off south coast of Panama
 H = 02 52 40
 ✓ Horseshoe Bay
 iP 03 07 14 c
 ✓ Ottawa
 eP 03 00 07
 ✓ Resolute
 eP 03 03 40
 eS 03 12 35
 e 03 20 09
 eL 03 22 0
 ✓ Seven Falls
 eP 03 00 37
 ✓ Shawinigan Falls
 eP 03 00 29



SEISMOLOGICAL BULLETIN - 1958

JANUARY 13
 11S 166E
 Santa Cruz Islands
 H = 02 54 37
 h = 100km
 ✓ Ottawa
 eP' 03 13 18
 ✓ Resolute
 eP 03 08 30
 e 03 27.0
 SKPP' 03 37.0
 e 03 42.0
 ✓ Seven Falls
 eP' 03 13 21
 ✓ Shawinigan Falls
 eP' 03 13 21 d
 PKS 03 16 54
 Ryukyu Islands
 H = 13 19 49
 ✓ Resolute
 eP 13 31 29.5 d
 iP 13 31 30 c
 JANUARY 13
 ✓ Ottawa
 eP 15 59 54
 JANUARY 13
 U.S.C.G.S.
 11 1/2N 92 1/2E
 Andaman Islands
 H = 20 14 27
 ✓ Ottawa
 eP' 20 33 26
 ✓ Resolute
 iP 20 27 47 d
 PP 20 31 30
 ✓ eS 20 38 20
 SS 20 45 33
 eL 21 02.5
 ✓ Seven Falls
 eP' 20 33 20
 ✓ Shawinigan Falls
 iP' 20 33 22 c
 JANUARY 13
 20S 69 1/2W
 Northern Chile
 H = 09 39 58
 ✓ Seven Falls
 eP 09 50 54
 JANUARY 13
 U.S.C.G.S.
 20S 69 1/2W
 Northern Chile
 H = 13 09 40
 ✓ Seven Falls
 eP 13 20 36
 ✓ Shawinigan Falls
 eP 13 20 32
 JANUARY 13
 U.S.C.G.S.
 27 1/2N 130E
 JANUARY 14
 U.S.C.G.S.
 22S 175W
 Tonga Islands
 H = 05 54 48
 ✓ Resolute
 eP 06 09 17
 P' 06 13 19
 eS 06 21 24
 PS 06 23 12
 PSPS 06 29 35
 eL 06 39.3
 JANUARY 14
 U.S.C.G.S.
 29S 179W
 Kermadec Islands
 H = 07 20 25
 h = 350km
 ✓ Ottawa
 iP' 07 38 38 c
 ✓ Resolute
 iP 07 38 32 d
 PP 07 40 06
 PS 07 49 06
 ✓ Seven Falls
 eP' 07 38 44
 ✓ Shawinigan Falls
 eP' 07 38 41
 JANUARY 14
 U.S.C.G.S.
 39 1/2N 41E
 Eastern Turkey
 H = 13 34 40
 ✓ Resolute
 eP 13 45 00
 eS 13 53 30
 eL 14 00.0
 JANUARY 14
 U.S.C.G.S.
 51 1/2N 178 1/2E
 Rat Islands,
 Aleutian Islands
 H = 01 33 55
 h = 100km
 ✓ Resolute
 eP 01 41 28 d
 eS 01 47 14
 ✓ Seven Falls
 eP 01 44 29
 ✓ Shawinigan Falls
 eP 01 44 27
 JANUARY 15
 ✓ Resolute
 e 00 34 00
 i 00 34 06
 i 00 34 11
 Local shock

DOMINION OBSERVATORIES

JANUARY 15
 Resolute eP 02 38 10
 ✓ Horseshoe Bay
 ✓ iP 19 26 31 C,N,W
 ✓ iS 19 36 30
 ✓ Ottawa
 ✓ eP 19 24 43
 ✓ PP 19 27 07
 ✓ S 19 33 02
 ✓ SS 19 37 04
 ✓ SSS 19 39 20
 ✓ Resolute
 ✓ iP 19 27 33 c
 ✓ PP 19 31 10
 ✓ PPP 19 31 43
 ✓ SKS 19 37 14
 ✓ SKKS 19 37 58
 ✓ S 19 38 30
 ✓ SS 19 44 40
 ✓ SSS 19 49 28
 ✓ Saskatoon
 ✓ iP 19 26 03
 ✓ iS 19 35 33
 ✓ eL 19 50.3
 ✓ Seven Falls
 ✓ iP 19 24 54 c
 ✓ P_cP 19 25 35
 ✓ PP 19 27 16
 ✓ S 19 33 30
 ✓ SS 19 37 56
 ✓ L 19 41 22
 ✓ Shawinigan Falls
 ✓ iP 19 24 50 c
 ✓ P_cP 19 25 33
 ✓ PP 19 27 08
 ✓ PPP 19 28 27
 ✓ S 19 33 08
 ✓ Victoria
 ✓ iP 19 26 29 C,N,W

JANUARY 15
 U.S.C.G.S.
 43N 136E
 Near coast of Siberia
 H = 04 10 45
 ✓ Resolute
 iP 04 20 37 d
 iP_cP 04 21 27 c
 ePP 04 22 49 c

JANUARY 15
 U.S.C.G.S.
 Near coast of El Salvador
 H = 07 37 40
 ✓ Resolute
 iP 07 47 53 c

JANUARY 15
 U.S.C.G.S.
 40N 51 1/2E
 Caspian Sea
 H = 13 15 31
 ✓ Resolute
 eP 13 26 04

JANUARY 15
 U.S.C.G.S.
 16 1/2S 71 1/2W
 Southern Peru
 H = 19 14 29
 h = 100km
 Mag. = 7
 ✓ Alberni
 eP 19 26 37
 ✓ Banff
 iP 19 26 18 c
 ✓ Halifax
 iP 19 24 41 c
 iPP 19 26 56
 iS 19 32 52
 eSS 19 36 45

JANUARY 15
 ✓ Ottawa
 eP' 22 34 39
 ✓ Resolute
 eP 22 30 00
 ✓ PP 22 34 16
 ✓ PS 22 45.0
 ✓ Seven Falls
 eP' 22 34 40

JANUARY 15
 ✓ Resolute
 e 22 58 11
 i 22 58 16
 i 22 58 49
 i 22 58 53
 Local shock

JANUARY 16
 ✓ Resolute
 eP 00 27 21

JANUARY 16
 U.S.C.G.S.
 Northern Iran
 H = 02 04 24
 ✓ Resolute
 eP 02 15 21
 eS 02 24 37
 ✓ Seven Falls
 iP 02 16 51 d

JANUARY 16
 U.S.C.G.S.
 39 1/2N 25E
 Aegean Sea
 H = 04 18 10
 ✓ Ottawa
 eP 04 29 32
 ✓ Resolute
 eP 04 28 20 c
 eL 04 46.0
 ✓ Seven Falls
 eP 04 29 04
 ✓ Shawinigan Falls
 eP 04 29 15



SEISMOLOGICAL BULLETIN - 1958

JANUARY 16
 U.S.C.G.S.
 14S 167E
 New Hebrides Islands
 H = 11 03 32
 ✓ Resolute
 SS 11 37 33
 eL 11 47.4

JANUARY 17
 U.S.C.G.S.
 1S 127E
 Spice Islands
 H = 04 14 02
 ✓ Ottawa
 eP' 04 33 30
 ✓ SKP 04 36 42
 ✓ Resolute
 eP 04 28 01
 SS 04 47 -
 eL 04 58 -
 ✓ Seven Falls
 eP' 04 33 25
 ✓ SKP 04 36 42
 ✓ Shawinigan Falls
 eP' 04 33 33
 ✓ SKP 04 36 43

JANUARY 17
 Tucuman Province,
 Argentina
 H = 05 23 08
 h = 150km
 ✓ Ottawa
 eP 05 34 29
 ✓ Seven Falls
 eP 05 34 37 d
 ✓ Shawinigan Falls
 eP 05 34 34

JANUARY 17
 U.S.C.G.S.
 29S 13W
 North of Tristanda
 Cunha
 H = 15 14 26
 ✓ Ottawa
 eP 15 27 32
 e 15 27 46
 ✓ Resolute
 eP' 15 33 12
 eL 16 01 -
 ✓ Seven Falls
 eP 15 27 26

JANUARY 17
 52S 139 1/2E
 Antarctic Ocean
 H = 07 15 38
 ✓ Ottawa
 eP' 07 35 42

JANUARY 18
 ✓ Resolute
 eP 03 28 29

JANUARY 18
 U.S.C.G.S.
 1 1/2N 79 1/2W
 Near coast of Ecuador
 H = 14 07 27
 h = 60km
 Mag. 7 1/2
 ✓ Alberni
 eP 14 17 45
 ✓ Banff
 eP 14 17 15
 ✓ Halifax
 iP 14 15 45 c
 iPPP 14 18 33
 ✓ Horseshoe Bay
 eP 14 17 36
 eS 14 25 56
 ✓ Lillooet
 eP 14 17 19
 ✓ Ottawa
 iP 14 15 31 c
 PP 14 17 20

JANUARY 19
 U.S.C.G.S.
 25N 122 1/2E
 Off northeast coast of Formosa
 H = 09 10 55
 ✓ Resolute
 eP 09 22 54

JANUARY 19
 Alberni
 i 12 58 41.5
 i 12 58 55.4
 Local shock
 ✓ Horseshoe Bay
 i 12 58 25.3
 Local shock
 ✓ Lillooet
 e 12 58 29.8
 Local shock

JANUARY 19
 U.S.C.G.S.
 1 1/2N 79 1/2W
 Near coast of Ecuador
 H = 14 07 27
 h = 60km
 Mag. 7 1/2
 ✓ Alberni
 eP 14 17 45
 ✓ Banff
 eP 14 17 15
 ✓ Halifax
 iP 14 15 45 c
 iPPP 14 18 33
 ✓ Horseshoe Bay
 eP 14 17 36
 eS 14 25 56
 ✓ Lillooet
 eP 14 17 19
 ✓ Ottawa
 iP 14 15 31 c
 PP 14 17 20

DOMINION OBSERVATORIES

✓ Resolute
 eP 04 44 30
 eS 04 51 27
 eL 04 55.0
 ✓ Seven Falls
 eP 04 47 48

JANUARY 24
 U.S.C.G.S.
 56 1/2N 163E
 Near east coast of
 Kamchatka
 H = 05 53 58

Mag. 6 1/2
 ✓ Halifax
 iP 06 05 26 d
 ✓ Ottawa
 iP 06 04 54 d
 PP 06 07 13
 S 06 13 47

✓ Resolute
 iP 06 01 33 c
 PP 06 03 11
 eS 06 07 29
 eL 06 10.0

✓ Saskatoon
 eP 06 03 12
 eS 06 10 01
 eL 06 22.5

✓ Seven Falls
 eP 06 04 56
 S 06 13 53
 ✓ Shawinigan Falls
 eP 06 04 53 d

JANUARY 24
 ✓ Resolute
 iP 06 14 29 c

JANUARY 24
 U.S.C.G.S.
 56 1/2N 163E
 Near east coast of
 Kamchatka
 H = 06 11 03

✓ Ottawa
 iP 06 21 59 d
 ✓ Resolute
 iP 06 18 37 c
 PPP 06 20 44
 eS 06 24 33
 eL 06 26 -

✓ Seven Falls
 eP 06 22 01 d
 ✓ Shawinigan Falls
 eP 06 22 01

JANUARY 24
 U.S.C.G.S.
 49S 32E
 About 300 miles southwest
 of Prince Edward Island
 H = 06 48 06

✓ Resolute
 eP' 07 07 39
 P' 07 07 45 d
 e 07 20 04
 SKSP 07 21 35
 SSS 07 35 -

✓ Seven Falls
 eP' 07 07 16
 ✓ Shawinigan Falls
 eP' 07 07 22

JANUARY 24
 U.S.C.G.S.
 54N 170E
 Komandorskie
 Islands Region
 H = 18 03 32
 ✓ Horseshoe Bay
 iP 18 11 04 c

✓ Ottawa
 iP 18 14 24 c
 ✓ Resolute
 iP 18 11 14 c
 eS 18 17 13
 eL 18 20.4
 ✓ Seven Falls
 eP 18 14 28 c

✓ Shawinigan Falls
 iP 18 14 25 c
 ✓ Victoria
 eP 18 11 17 c

JANUARY 24
 U.S.C.G.S.
 Near Islands, Aleution Islands
 H 22 58 57
 ✓ Ottawa
 eP 23 09 54

✓ Resolute
 iP 23 06 44 d
 ✓ Seven Falls
 eP 23 09 57
 ✓ Shawinigan Falls
 eP 23 09 56

JANUARY 24
 U.S.C.G.S.
 60N 152W
 Kenai Peninsula, Alaska
 H = 23 17 29
 h = 60km
 Mag. 6 1/4-6 1/2

✓ Alberni
 eP 23 21 49
 Banff
 iP 23 22 22 c

✓ Halifax
 iP 23 26 34 c
 i 23 26 54 c
 e 23 37 21
 ✓ Horseshoe Bay
 iP 23 21 56 C,S,E
 eS 23 25 42

✓ Ottawa
 iP 23 25 46 c
 ✓ Resolute
 iP 23 22 49 d
 eS 23 27 06
 S_cP 23 29 49
 ✓ Saskatoon
 eP 23 23 01
 e 23 27 39

SEISMOLOGICAL BULLETIN - 1958

✓ Seven Falls
 iP 23 25 54 c
 P_cP 23 27 43
 S 23 32 40
 PS 23 32 54
 SS 23 36 07

✓ Shawinigan Falls
 iP 23 25 51 c
 P_cP 23 27 36
 ✓ Victoria
 iP 23 22 01 C,S,E
 eS 23 25 41
 i 23 25 51

JANUARY 24
 U.S.C.G.S.
 17 1/2 S 178 1/2W
 Fiji Islands
 H = 23 53 29
 h = 550km

✓ Seven Falls
 eP' 24 11 11 c
 ✓ Shawinigan Falls
 eP' 24 11 09

JANUARY 25
 ✓ Resolute
 e 09 23 12
 e 09 47 54

JANUARY 25
 ✓ Resolute
 eP 18 04 01

JANUARY 25
 Resolute
 eP 21 49 45
 e 22 02 22
 e 22 06 16

JANUARY 26
 U.S.C.G.S.
 54 1/2S 133W
 South Pacific Ocean
 H = 03 35 17

✓ Resolute
 eP' 03 54 33
 eL 04 30.4

JANUARY 26
 U.S.C.G.S.
 47 1/2N 154 1/2E
 Kurile Islands
 H = 06 42 13
 Banff
 eP 06 51 50
 ✓ Ottawa
 eP 06 54 13 d

✓ Resolute
 iP 06 51 11 c
 eS 06 58 31
 SS 07 02 06
 eL 07 03.2

✓ Shawinigan Falls
 eP 06 54 14
 ✓ Victoria
 eP 06 51 30

JANUARY 26
 U.S.C.G.S.
 49 1/2N 155E
 Kurile Islands
 H = 07 28 33
 ✓ Horseshoe Bay
 eP 07 37 34

✓ Ottawa
 eP 07 40 20
 ✓ Resolute
 iP 07 37 13 c
 eP_cP 07 38 42
 eS 07 44 08
 SS 07 47 25
 eL 07 50

✓ Seven Falls
 eP 07 40 22 e
 ✓ Shawinigan Falls
 eP 07 40 22
 ✓ Victoria
 eP 07 37 36

JANUARY 26
 ✓ Victoria
 e 08 20 43.4
 e 08 20 50.3
 Local shock

JANUARY 26
 ✓ Alberni
 e 10 17 47.1
 e 10 17 59.6
 Local shock
 ✓ Victoria
 e 10 17 41.9
 i 10 17 49.1
 Local shock

JANUARY 26
 ✓ Horseshoe Bay
 i 20 24 43.0
 e 20 24 46.0
 Local shock

JANUARY 27
 U.S.C.G.S.
 15S 174W
 Samoa Islands
 H = 07 43 58
 Mag. 6 3/4

✓ Banff
 eP 07 56 28 d
 ✓ Horseshoe Bay
 eP 07 56 04
 eS 08 09 30
 eL 08 22.7

✓ Resolute
 eP 07 57 55
 eS 08 08 35
 PS 08 11 07
 SS 08 16 28
 e 08 23 22
 eL 08 30.7

✓ Victoria
 eP 07 55 58
 e 08 05 53
 e 08 06 24
 eL 08 19.1

DOMINION OBSERVATORIES

✓ JANUARY 27
Resolute
eP 20 36 04

✓ JANUARY 28
Seven Falls
e(P) 06 04 59

JANUARY 28
U. S. C. G. S.
36N 58 1/2E
Iran
H = 17 15 00
✓ Resolute
eP 17 26 04 c
eL 17 46 -

JANUARY 28
U. S. C. G. S.
3 1/2N 127E
Molucca Passage
H = 19 41 54
✓ Resolute
eP 19 55 18

JANUARY 29
U. S. C. G. S.
37N 142E
Off east coast of Hokkaido,
Japan
H = 00 16 30
✓ Resolute
iP 00 26 55 d

✓ JANUARY 29
Resolute
eP 08 35 05

✓ JANUARY 29
Alberni
i 08 38 37.5
i 08 38 44.1
Local shock

✓ Victoria
e 08 38 55.1
e 08 39 20
Local shock

JANUARY 29
Resolute
eP 08 47 30

JANUARY 29
U. S. C. G. S.
16N 99W
Near coast of Guerrero,
Mexico
H = 10 14 55
✓ Ottawa
eP 10 21 54 c
✓ Resolute
eP 10 24 55 c
eS 10 33 12
SS 10 37 25
eL 10 41.5
✓ Seven Falls
eP 10 22 27
✓ Shawinigan Falls
eP 10 22 13

JANUARY 30
U. S. C. G. S.
Dodecanese Islands
H = 19 13 30
✓ Resolute
eP 19 23 52
✓ Seven Falls
eP 19 24 24 d

JANUARY 30
U. S. C. G. S.
7 1/2S 155 1/2E
Solomon Islands
H = 06 13 24
Mag. 6 1/2
✓ Ottawa
eP' 06 32 20

✓ Resolute
eP 06 27 21 c
PP 06 31 26
eS 06 38 05
PS 06 40 37
SS 06 46 25
eL 06 55 -

Saskatoon
eL 07 02.3
✓ Seven Falls
eP' 06 32 25
✓ Shawinigan Falls
eP' 06 32 24
Victoria
eL 06 55.0

JANUARY 30
Resolute
eP 08 47 51

JANUARY 30
Resolute
eP 18 36 19 d

JANUARY 30
U. S. C. G. S.
Resolute
eP 19 56 59

JANUARY 30
Resolute
eP 20 19 10



SEISMOLOGICAL BULLETIN - 1958

JANUARY 30
U. S. C. G. S.
Tonga Islands region
H = 22 41 27
h = 600km
✓ Horseshoe Bay
eP 22 53 20
✓ Resolute
e 22 59 -

JANUARY 31
U. S. C. G. S.
eP 05 28 15

JANUARY 31
U. S. C. G. S.
44 1/2N 153E
Kurile Islands region
H = 06 22 35
✓ Resolute
eP 06 31 52

JANUARY 31
U. S. C. G. S.
40S 176 1/2E
North Island, New Zealand
H = 06 32 39
✓ Ottawa
eP' 06 51 45
e 06 51 57
SKP 06 55 03
✓ Resolute
P' 06 51 42
eL 07 36.5
✓ Seven Falls
eP' 06 51 52
e 06 52 06
e 06 55 16
✓ Shawinigan Falls
eP' 06 51 48
e 06 52 01
e 06 54 52
SKP 06 55 10

✓ JANUARY 31
Resolute
eP 13 11 26 d
e 13 40 -

JANUARY 31
Ottawa
eP 21 04 00
✓ Resolute
eP 21 01.2
e 21 26 20
e 21 34 -
e 21 47 14
e 21 53 15

JANUARY 31
U. S. C. G. S.
Sikang Province, China
H = 23 20 15
✓ Resolute
eP 23 32 00

FEBRUARY 1
U. S. C. G. S.
60 1/2N 140 1/2W
Southern Alaska
H = 02 42 07
✓ Resolute
iP 02 47 01 c
e 02 51 14
eL 02 53.3
✓ Seven Falls
eP 02 49 55 d
✓ Shawinigan Falls
eP 02 49 36

FEBRUARY 1
U. S. C. G. S.
2N 79W
Near coast of Ecuador
H = 18 02 39
✓ Halifax
iP 18 10 57 c
iS 18 17 39
Ottawa
iP 18 10 43 c
S 18 17 16
SS 18 20 44
✓ Resolute
eP 18 14 12 c
iP 18 14 12.5 d
eS 18 23 36
eL 18 33 -

H = 16 10 15
Mag. 6 3/4-7
✓ Halifax
iP 16 18 33 c
iS 16 25 14
✓ Horseshoe Bay
eP 16 (22) (36)
eS 16 (30) (54)
no time correction
Ottawa
iP 16 18 21 c
PP 16 20 08
S 16 24 52
SS 16 28 18
Saskatoon
eP 16 19 53
eS 16 27 33
✓ Seven Falls
iP 16 18 40 c
S 16 25 27
S_CS 16 28 38
✓ Shawinigan Falls
iP 16 18 33
S 16 25 10
✓ Victoria
eP 16 20 25 d
iS 16 28 38
e 16 30 14
eL 16 37.0

DOMINION OBSERVATORIES

✓ Seven Falls iP 18 11 05 c S 18 17 52 S _c S 18 20 59	✓ Victoria eP 20 55 56 iS 21 04 14	FEBRUARY 2 U. S. C. G. S. 1 1/2N 79 1/2W Ecuador aftershock H = 02 34 59
✓ Shawinigan Falls iP 18 10 58 c	FEBRUARY 1 ✓ Ottawa iP 20 56 07 d	✓ Ottawa eP 02 43 08 d
✓ Victoria eP 18 12 50 d iS 18 21 03	✓ Seven Falls iP 20 56 26 d	✓ Resolute eP 02 46 32 c
FEBRUARY 1 ✓ Resolute eP 19 44 40	✓ Shawinigan Falls iP 20 56 18 d	✓ Seven Falls eP 02 43 26 d
		✓ Shawinigan Falls eP 02 43 19 d
	FEBRUARY 2 ✓ Resolute eP 01 28 34 c	FEBRUARY 2 ✓ Horseshoe Bay i 03 07 53.4 i 03 08 00.1
FEBRUARY 1 U. S. C. G. S. 1 1/2N 79W Ecuador aftershock H = 20 45 45 Mag. 6 3/4	FEBRUARY 2 46°40'N 72°25'W Gatineau River Valley about 23 miles NNW of Maniwaki, Quebec H = 05 54 43 Mag. 2.8	FEBRUARY 2 U. S. C. G. S. Near coast of Guerrero, Mexico H = 03 15 10
✓ Banff eP 20 55 37 c	✓ Jean-de-Brebeuf e 01 55 18.6 iS ₁ 01 55 37.3	✓ Resolute eP 03 25 04 d
✓ Halifax iP 20 54 05 c iS 21 00 46	D = 192km	FEBRUARY 2 Resolute iP 03 36 33 d e 03 50 00 e 03 57 20 e 04 01 33
✓ Horseshoe Bay eP 20 55 59	✓ Ottawa iP ₁ 01 55 06.4 iS ₁ 01 55 23.5	
✓ Ottawa eP 20 53 54 S 21 00 24 SS 21 03 52	D = 144km	
✓ Resolute iP 20 57 19 c i 20 59 33 PPP 21 02 00 eS 21 06 46 SS 21 12 00 e 21 15 00 eL 21 19 -	✓ Seven Falls e 01 55 46.7 iS ₁ 01 56 18.2	
✓ Saskatoon eS 21 03 04	D = 338km	FEBRUARY 2 Resolute eP 04 48 53 c e 05 09 40 e 05 13 32
✓ Seven Falls iP 20 54 12 c S 21 00 58	✓ Shawinigan Falls i 01 55 44.5 iS ₁ 01 55 45.5	
✓ Shawinigan Falls iP 20 54 05 c	D = 220km	

SEISMOLOGICAL BULLETIN - 1958

FEBRUARY 2 U. S. C. G. S. 48 1/2N 154 1/2E Kurile Islands H = 08 11 53 Mag. 6 1/2 - 6 3/4	✓ FEBRUARY 2 Resolute eP 12 10 01.5 d	FEBRUARY 4 U. S. C. G. S. 58N 52W Off south coast of Greenland H = 08 06 25
✓ Banff iP 08 21 22 d	FEBRUARY 2 U. S. C. G. S. 27 1/2N 127E	✓ Ottawa eP 08 10 58
✓ Horseshoe Bay eP 08 21 02 d	Ryukyu Islands region H = 20 53 08 h = 200km	✓ Resolute eP 08 11 40.5 c eP 08 11 41 d e 08 17 30 e 08 20 16
✓ Ottawa iP 08 23 47 c	✓ Resolute iP 21 04 27 c	✓ Seven Falls iP 08 10 11 i 08 10 29 S 08 12 53
✓ Resolute iP 08 20 43 d eS 08 27 47 S _c S 08 30 30 SS 08 31 30 eL 08 32.3	FEBRUARY 3 ✓ Resolute eP 11 32 09 e 11 48 22	✓ Shawinigan Falls eP 08 10 29 S 08 13 27
✓ Seven Falls eP 08 23 40	FEBRUARY 3 U. S. C. G. S. 7N 77 1/2W Panama - Columbia border H = 14 02 16	FEBRUARY 4 ✓ Resolute e 09 53 32 i 09 55 33 e 09 55 40 Local shock
✓ Shawinigan Falls eP 08 23 48 d	✓ Ottawa eP 14 09 38	FEBRUARY 4 7S 156E Solomon Islands H = 12 40 27
✓ Victoria eP 08 20 59 d	✓ Resolute eP 14 13 16 c e 14 36 20 e 14 41 22	✓ Resolute eP 12 54 23 ✓ Shawinigan Falls eP' 12 59 27
FEBRUARY 2 U. S. C. G. S. 2N 79W Ecuador aftershock H = 08 49 13	✓ Ottawa eP 14 09 38	
✓ Banff iP 08 59 09 c	✓ Resolute eP 14 13 16 c e 14 36 20 e 14 41 22	
✓ Ottawa eP 08 57 22 c	✓ Shawinigan Falls eP 14 09 49	
✓ Resolute iP 09 00 48.5 c iP 09 00 49 d eL 09 22.7	FEBRUARY 3 ✓ Resolute e 19 57 30 e 20 06 12 e 20 08 -	FEBRUARY 4 Resolute eP 18 33 25 e 18 35 34 e 18 48 - e 18 50 36
✓ Seven Falls iP 08 57 41 c		
✓ Shawinigan Falls eP 08 57 35 d		
✓ Victoria eP 08 59 25		

DOMINION OBSERVATORIES

FEBRUARY 4

U.S.C.G.S.
54N 164W
Unimak Island
H = 19 45 27

Resolute

eP 19 52 08 c
eP 19 52 09 d
eS 19 57 36
eL 20 00 30

Seven Falls

eP 19 55 08

Shawinigan Falls

eP 19 55 10

FEBRUARY 4

Alberni

i 23 01 06.2
i 23 01 09.5

Local shock

Victoria

i 23 01 19.2
e 23 01 32.9

Local shock

FEBRUARY 4

U.S.C.G.S.
Near east coast of
Honshu, Japan
H = 23 37 50

Resolute

eP 23 48 11 c
i 23 48 22 d

FEBRUARY 5

Resolute

eP 00 10 24
e 00 20 10
e 00 20 26

FEBRUARY 5

U.S.C.G.S.
40 1/2N 53E
Turkmen U.S.S.R.
H = 03 15 17

Resolute

eP 03 25 46
eL 03 41.3
Seven Falls
eP 03 27 27 d

FEBRUARY 5

U.S.C.G.S.
47N 153E
Kurile Islands
H = 08 08 10

Resolute

iP 08 17 14 c
eS 08 24 28
S_cS 08 27 24
eL 08 29 30

Seven Falls

eP 08 20 24

Shawinigan Falls

eP 08 20 16

FEBRUARY 6

Resolute

eP 00 09 14

FEBRUARY 6

U.S.C.G.S.
24 1/2N 122 1/2E
Near northeast coast
of Formosa
H = 01 42 09

Horseshoe Bay

eP 01 54 52

Resolute

eP 01 54 09
eL 02 25 30

Victoria

eP 01 54 53

FEBRUARY 6

Resolute

eP 02 51 33
e 02 53 54

FEBRUARY 6

Horseshoe Bay

e 03 13 31.1
i 03 13 51.7
i 03 13 52.9

Local shock

FEBRUARY 6

U.S.C.G.S.
27 1/2S 178W
Kermadec Islands
region
H = 16 00 12
h = 250km

Seven Falls

eP' 16 18 38

FEBRUARY 6

Resolute

eP 23 19 36

FEBRUARY 7

U.S.C.G.S.
3 1/2S 96 1/2E
Near northeast coast
of Sumatra
H = 00 32 25

Resolute

eP 00 46 20
ePP 00 50 21
ePPP 00 57 20

Seven Falls

e 01 24.6

Seven Falls

eP' 00 51 35

FEBRUARY 7

U.S.C.G.S.
31S 179W
Kermadec Islands
H = 01 10 31

Ottawa

eP' 01 29 22
SKP 01 32 37



SEISMOLOGICAL BULLETIN - 1958

Resolute

eP' 01 29 17 d
eP' 01 29 18 c
e 01 43 -

Seven Falls

eP' 01 29 29 d

Shawinigan Falls

eP' 01 29 27 c

FEBRUARY 7

Resolute

eP 01 47 14 c
e 01 48 38

FEBRUARY 7

U.S.C.G.S.
55N 167E
Komandorskie Islands
H = 04 37 33

Resolute

eP 04 45 08 c
eS 01 51 14

Victoria

eL 01 54.0

Seven Falls

eP 04 45 25

FEBRUARY 7

U.S.C.G.S.
27 1/2N 128 1/2E
Ryukyu Islands
H = 06 59 53

Resolute

iP 07 11 35 c
eS 07 21 16

Seven Falls

eL 07 36 -

FEBRUARY 7

Seven Falls

e(P) 07 42 40

FEBRUARY 7

Seven Falls

eP 17 14 35
Shawinigan Falls
eP 17 14 24 c

FEBRUARY 7

Resolute

e 21 48 24
e 21 48 35

FEBRUARY 7

U.S.C.G.S.
31 1/2N 104E
Szechwan Province,
China
H = 23 23 30

Horseshoe Bay

eP 23 36 30 c

Ottawa

iP 23 37 38 c

Resolute

iP 23 35 06 c

Seven Falls

eS 23 44 34

Victoria

SS 23 49 15

Seven Falls

eL 23 53

Seven Falls

eP 23 37 27 c

Shawinigan Falls

eP 23 37 30 d

Victoria

iP 23 36 32 c

FEBRUARY 8

Resolute

eP 10 40 30
e 10 58 30
e 11 02 15

FEBRUARY 8

Resolute

eP 22 00 02

FEBRUARY 9

U.S.C.G.S.
8N 79 1/2W
South of Panama
H = 04 15 05

Ottawa

eP 04 22 25

Resolute

eP 04 26 02.5
eP 04 26 03.5 d
eS 04 35 00

Seven Falls

eL 04 42.6

Seven Falls

eP 04 22 46 c

Shawinigan Falls

eP 04 22 38

Victoria

eP 04 24 40

FEBRUARY 9

U.S.C.G.S.
25N 90 1/2E
East Pakistan India
border
H = 09 31 03

Resolute

eP 09 43 19 c
eL 10 17.5

FEBRUARY 9

U.S.C.G.S.
12 1/2N 121E
Mindoro, Philippine
Islands
H = 22 29 23

Resolute

eP 22 42 25 c
eS 22 53 14

Seven Falls

eL 23 07.5

Seven Falls

eP' 22 48 43

FEBRUARY 10

Alberni

e 10 51 50.0
e 10 52 09.6

Local shock

DOMINION OBSERVATORIES

FEBRUARY 16
U.S.C.G.S.
39N 142E
Near coast of Honshu,
Japan
H = 06 04 05
Mag. 6 - 6 1/4
✓ Banff
eP 06 15 06 c
✓ Horseshoe Bay
eP 06 14 47
✓ Ottawa
eP 06 17 04
✓ Resolute
iP 06 14 19 c
PPP 06 18 12
eS 06 22 36
eL 06 27.0
✓ Seven Falls
eP 06 17 05 d
✓ Shawinigan Falls
eP 06 17 03
✓ Victoria
eP 06 14 45

FEBRUARY 16
U.S.C.G.S.
17N 146E
Mariana Islands
H = 07 42 11
h = 200km
✓ Resolute
eP 07 54 07

FEBRUARY 16
Resolute
eP 07 58 21 d

FEBRUARY 16
Resolute
eP 10 23 28
e 10 23 35

FEBRUARY 16
✓ Resolute
iP 20 13 42 c

FEBRUARY 16
Alberni
i 22 14 33.0
i 22 14 43.0
Local shock
✓ Horseshoe Bay
i 22 14 23.9c
Local shock
✓ Victoria
e 22 14 34.1
Local shock

FEBRUARY 16
U.S.C.G.S.
67 1/2N 19W
Off north coast of
Iceland
H = 23 01 59
✓ Resolute
eP 23 07 12
eS 23 11 30
e 23 13 20
e 23 16 -
✓ Seven Falls
eP 23 08 40

FEBRUARY 16
Resolute
eP 23 35 23

FEBRUARY 16
U.S.C.G.S.
6S 155E
Solomon Islands
H = 23 54 45
✓ Resolute
e 24 37 20
e 24 43 30
✓ Seven Falls
eP' 24 13 45

FEBRUARY 17
U.S.C.G.S.
52N 159 1/2E
Near east coast of
Kamchatka
H = 02 25 46
Resolute
eP 02 33 58 c
eL 02 44 20

FEBRUARY 17
U.S.C.G.S.
35 1/2N 70E
Hindu Kush
H = 05 18 35
h = 200km
✓ Banff
iP 05 31 32 c
✓ Halifax
iSKS 05 41 28
iS 05 41 54
isS 05 43 20
✓ Horseshoe Bay
iP 05 31 35 c
✓ Ottawa
eP 05 31 33 d
PP 05 35 17
PPP 05 37 11
✓ Resolute
iP 05 29 23 c
sP 05 30 32
PP 05 32 00
sPP 05 33 08
pPPP 05 34 20
eS 05 38 10
e 05 39 06
SSS 05 46 10
✓ Seven Falls
eP 05 31 19
PP 05 34 47
✓ Shawinigan Falls
eP 05 31 23 d
pP 05 32 04
e 05 33 04
PP 05 34 52
PPP 05 36 59
✓ Victoria
eP 05 31 39 c

SEISMOLOGICAL BULLETIN - 1958

FEBRUARY 17
Resolute
eP 10 40 56

FEBRUARY 17
Resolute
eP 13 32 49 d
e 13 49 -
e 13 54 -
e 14 01 16

FEBRUARY 17
Shawinigan Falls
eP 17 20 57

FEBRUARY 18
U.S.C.G.S.
21S 173 1/2W
Tonga Islands
H = 07 34 07
Resolute
SS 08 12 -
eL 08 29 -

FEBRUARY 18
U.S.C.G.S.
20 1/2N 120 1/2E
Batans Islands region
H = 19 08 05
Resolute
iP 19 20 27 d
eL 19 45 -

FEBRUARY 18
U.S.C.G.S.
31S 178 1/2W
Kermadec Islands
H = 13 21 20
Resolute
eP' 13 40 05
e 13 41 25
PS 13 51 09
SS 13 57 12
eL 14 15 -

FEBRUARY 18
Alberni
i 13 40 51.2
Local shock
Banff
e 13 42 13
e 13 44 51
Local shock

✓ Horseshoe Bay
i 13 41 04.7
Local shock
✓ Victoria
iP 13 41 07.2
Local shock

FEBRUARY 18
U.S.C.G.S.
20 1/2N 120 1/2E
Batans Islands region
H = 18 52 41
Resolute
eP 19 05 05

FEBRUARY 18
U.S.C.G.S.
21N 120E
Batans Islands region
H = 19 08 05
Resolute
iP 19 20 27 d
eL 19 45 -

FEBRUARY 18
U.S.C.G.S.
8S 108E
Near south coast of Java.
H = 19 25 21
Halifax
iP' 19 44 55 d
Ottawa
iP' 19 44 52 d
Resolute
eP' 19 43 55
ePP 19 44 44
ePPP 19 47 08
eS 19 50 35
ePS 19 54 08
eSS 20 00 20
eL 20 10.6
Seven Falls
eP' 19 44 46
PP 19 47 53
PKS 19 48 25
pPKS 19 48 47

FEBRUARY 19
U.S.C.G.S.
39 1/2N 75 1/2E
Western Sinkiang
Province, China
H = 10 32 58
Resolute
eP 10 43 52
e 11 10 24
e 11 16 34
Seven Falls
eP 10 45 59
Shawinigan Falls
eP 10 46 04

FEBRUARY 19
Shawinigan Falls
eP 14 33 16 d

FEBRUARY 19
Resolute
eP 19 40 02 c

FEBRUARY 19
U.S.C.G.S.
37 1/2S 111W
South Pacific Ocean
H = 01 20 20
Resolute
SS 01 55 24
eL 02 06.4

DOMINION OBSERVATORIES

✓ Shawinigan Falls	✓ Resolute	✓ Ottawa
eP' 19 44 49 d	eP 09 17 06	eP 13 55 17 d
PP 19 47 53	eS 09 27 18	✓ Resolute
		eP 13 58 40
		eL 14 20.5

FEBRUARY 20	FEBRUARY 20
U.S.C.G.S.	✓ Resolute
20 1/2N 120 1/2E	eP 14 44 26
Batan Islands aftershock	
H = 03 57 42	

✓ Resolute	✓ FEBRUARY 20
eP 04 10 05 d	Resolute
eP 04 10 06 c	eP 21 04 37
eS 04 20 20	
SSS 04 38 48	
eL 04 40.7	
✓ Victoria	
eP 04 10 48	

FEBRUARY 20	✓ FEBRUARY 21
U.S.C.G.S.	U.S.C.G.S.
20 1/2N 120E	16S 74 1/2W
Batan Islands aftershock	Off coast of Peru
H = 04 05 07	H = 03 18 25
✓ Resolute	✓ Ottawa
eP 04 17 30 c	eP 03 28 36 c
eL 04 47 -	✓ Resolute
	eP 03 31 35
	eS 03 42 32
	e 04 07 -
	✓ Seven Falls
	eP 03 28 52 c
	✓ Shawinigan Falls
	eP 03 28 49

FEBRUARY 20	✓ FEBRUARY 21
U.S.C.G.S.	U.S.C.G.S.
20 1/2N 120 1/2E	36N 140 1/2E
Batan Islands aftershock	Near east coast of
H = 04 38 34	Honshu, Japan
✓ Resolute	H = 11 52 50
eP 04 50 57 c	h = 100km
eL 05 23.5	✓ Resolute
✓ Victoria	iP 12 03 21 c
eP 04 51 40	

FEBRUARY 20	FEBRUARY 21
U.S.C.G.S.	U.S.C.G.S.
21N 120E	1 1/2N 80W
Batan Islands aftershock	Off coast of Ecuador
H = 09 04 44	H = 13 47 10

✓ Seven Falls
eP 13 55 32

FEBRUARY 22
U.S.C.G.S.
6S 147E
Near north coast of
New Guinea
H = 08 11 50
h = 200km
✓ Ottawa
iP' 08 30 32 d
✓ Seven Falls
eP' 08 30 35
✓ Shawinigan Falls
eP' 08 30 34 d

FEBRUARY 22
U.S.C.G.S.
50 1/2N 175W
Andreanof Islands,
Aleutian Islands
H = 10 50 23
Mag. 6 3/4

✓ Alberni
iP 10 56 56
✓ Banff
iP 10 57 37 d
✓ Halifax
iP 11 01 28 d
iPP 11 04 03
iS 11 10 33
✓ Horseshoe Bay
iP 10 57 05
✓ Ottawa
iP 11 00 47 d
P _C P 11 01 29
PP 11 03 09
PPP 11 04 52
S 11 09 15
S _C S 11 10 34
SS 11 13 38

SEISMOLOGICAL BULLETIN - 1958

SSS	11 16 36
L	11 18.2
✓ Resolute	
iP	10 58 00 d
PP	10 59 37
eS	11 04 04
eL	11 06.7

✓ Saskatoon	
eP	10 59 16
eS	11 04 32
eSS	11 07 36
✓ Seven Falls	
iP	11 00 55 d
e	11 02 45
PP	11 03 16
PPP	11 04 56
S	11 09 30
PS	11 10 06
S _C S	11 10 52
SS	11 13 55
SSS	11 16 44

✓ Shawinigan Falls	
iP	11 00 51 d
PP	11 03 15
PPP	11 04 57
S	11 09 11
✓ Victoria	
eP	10 57 05 d,S,W
eS	11 02 26
eL	11 06.4

FEBRUARY 22	
U.S.C.G.S.	
50 1/2N 175W	
Andreanof Islands,	
Aleutian Islands	
H = 13 21 48	
✓ Banff	
iP	13 29 00 d
✓ Ottawa	
iP	13 32 11 d
✓ Resolute	
eP	13 29 23 c
PPP	13 31 29
eL	11 40.7
✓ Seven Falls	
eP	13 32 19

✓ Shawinigan Falls	FEBRUARY 22
iP 13 32 15 d	✓ Ottawa
✓ Victoria	iP 20 03 31 d
eP 13 28 28 d,W	✓ Shawinigan Falls
	eP 20 03 35

FEBRUARY 22	FEBRUARY 23
✓ Resolute	U.S.C.G.S.
eP 15 22 01 c	6S 153E
	New Britain Solomon
	Islands region
	H = 00 24 34

FEBRUARY 22	✓ Ottawa
U.S.C.G.S.	iPP 00 46 13 c
51 1/2N 174 1/2W	✓ Resolute
✓ Andreanof Islands,	eP 00 38 27
Aleutian Islands	PS 00 51 30
H = 17 05 00	SS 00 57 -
✓ Ottawa	PSPS 00 57 44
eP 17 15 17 c	eL 01 05.5
✓ Resolute	✓ Seven Falls
eP 17 12 26 c	eP' 00 43 46
e 17 14 38	PP 00 46 21
eS 17 18 36	✓ Shawinigan Falls
eL 17 20.7	eP' 00 43 43
✓ Seven Falls	PP 00 46 17
eP 17 15 24 c	
✓ Shawinigan Falls	
eP 17 15 21 d	

FEBRUARY 22	FEBRUARY 23
✓ Resolute	U.S.C.G.S.
eP 17 30 50	52N 175W
	Andreanof Islands,
	Aleutian Islands
	H = 01 22 49

FEBRUARY 22	✓ Ottawa
✓ Ottawa	iP 01 33 06 d
eP 19 44 33 d	✓ Resolute
✓ Resolute	eP 01 30 13
eP 19 41 31	e 01 32 27
e 19 43 55	e 01 32 40
e 19 55 26	eS 01 36 09
✓ Seven Falls	e 01 39 12
eP 19 44 40	eL 00 44.2
✓ Shawinigan Falls	✓ Seven Falls
eP 19 44 37 d	eP 01 33 13
	eP _C P 01 34 34
	✓ Shawinigan Falls
	eP 01 33 09 d
	eP _C P 01 34 38 d

DOMINION OBSERVATORIES

FEBRUARY 23
 U.S.C.G.S.
 27 1/2S 63W
 Santiago del Estero
 Province, Argentina
 H = 08 14 48
 h = 600km
 ✓ Halifax
 iP 08 25 17 d
 ✓ Ottawa
 iP 08 25 26 d
 ✓ Resolute
 eP 08 27 53 c
 PP 08 32 15
 S 08 38 53
 PS 08 41 44
 sS 08 42 38
 SSS 08 46 20
 ✓ Seven Falls
 iP 08 25 34 d
 pP 08 27 32
 PP 08 28 31
 S 08 34 26
 ✓ Shawinigan Falls
 iP 08 25 31 d
 i 08 26 27
 pP 08 27 28
 PP 08 28 24

FEBRUARY 23
 U.S.C.G.S.
 28 1/2N 139 1/2E
 Bonin Islands region
 H = 09 12 20
 h = 400km
 ✓ Banff
 iP 09 23 34 d
 ✓ Horseshoe Bay
 iP 09 23 13 d
 ✓ Resolute
 iP 09 23 00.5 d
 eS 09 31 40
 sS 09 34 16
 sSS 09 39
 ✓ Victoria
 iP 09 23 15 d

FEBRUARY 23
 U.S.C.G.S.
 20 1/2N 120 1/2E
 Batan Islands aftershock
 H = 10 06 23
 ✓ Resolute
 eP 10 18 46 c
 eS 10 29 00
 eL 10 51.2
 FEBRUARY 23
 U.S.C.G.S.
 24N 141 1/2E
 Volcano Islands
 H = 10 47 40
 ✓ Banff
 iP 10 59 48 d
 ✓ Horseshoe Bay
 iP 10 59 26 d
 ✓ Resolute
 eP 10 59 24 d
 iP 10 59 25 d
 eS 11 08 50
 SSS 11 17 10
 eL 11 19.7
 ✓ Seven Falls
 eP' 11 05 58
 ✓ Shawinigan Falls
 eP' 11 05 56
 ✓ Victoria
 iP 10 59 26 d

FEBRUARY 23
 U.S.C.G.S.
 34 1/2N 137 1/2E
 Near south coast of
 Honshu, Japan
 H = 14 15 10
 ✓ Resolute
 iP 14 25 58 d
 iP 14 25 59 d
 FEBRUARY 24
 U.S.C.G.S.
 51 1/2N 173W
 Andreanof Islands,
 Aleutian Islands
 H = 07 58 59
 ✓ Banff
 eP 08 32 15 c
 ✓ Ottawa
 eP 08 09 10
 ✓ Resolute
 eP 08 06 19
 P_cP 08 08 36
 e_s 08 12 24
 eL 08 16.5
 ✓ Seven Falls
 eP 08 09 17 d
 ✓ Shawinigan Falls
 eP 08 09 15
 FEBRUARY 24
 U.S.C.G.S.
 45N 99E
 Outer Mongolia
 H = 12 27 06
 ✓ Halifax
 eP 12 40 06 c
 ✓ Ottawa
 eP 12 40 07 c
 ✓ Resolute
 iP 12 37 16 c
 P_cP 12 38 07
 PP 12 39 30
 PPP 12 41 02
 eS 12 45 33
 S_cS 12 47 10
 SS 12 49 30
 eL 12 52.4

SEISMOLOGICAL BULLETIN - 1958

✓ Seven Falls
 eP 12 39 59
 ✓ Shawinigan Falls
 eP 12 40 02 c
 i 12 41 43
 FEBRUARY 24
 U.S.C.G.S.
 15 1/2S 172 1/2W
 Tonga Islands Region
 H = 21 25 25
 ✓ Shawinigan Falls
 eP' 21 45 01

FEBRUARY 25
 U.S.C.G.S.
 51 1/2N 179 1/2E
 Rat Islands, Aleutian
 Islands
 H = 01 56 40
 ✓ Banff
 eP 02 04 12
 ✓ Resolute
 eP 02 04 19 c
 iP 02 04 20 d
 e 02 06 02
 PPP 02 06 22
 eS 02 10 28
 eL 02 13 -
 ✓ Seven Falls
 eP 02 07 21
 ✓ Shawinigan Falls
 eP 02 07 22
 ✓ Victoria
 eP 02 03 45 d

FEBRUARY 25
 ✓ Resolute
 eP 05 14 56 c
 FEBRUARY 25
 ✓ Resolute
 eP 05 47 01
 e 05 50 37

FEBRUARY 25
 U.S.C.G.S.
 52 1/2N 170 1/2W
 Fox Islands,
 Aleutian Islands
 H = 07 27 18
 Ottawa
 eP 07 37 15
 ✓ Resolute
 eP 07 34 28
 P_cP 07 36 50
 eS 07 40 22
 eL 07 44 -
 ✓ Seven Falls
 eP 07 37 25
 ✓ Shawinigan Falls
 eP 07 37 20

FEBRUARY 25
 ✓ Resolute
 e 08 25 36
 e 08 25 40
 e 08 25 50
 e 08 26 18
 e 08 26 28
 e 08 26 34
 Local shock

FEBRUARY 25
 U.S.C.G.S.
 Northern Sumatra
 H = 14 56 20
 ✓ Resolute
 eP 15 10 09

FEBRUARY 25
 U.S.C.G.S.
 6S 151 1/2E
 New Britain
 H = 15 02 08
 ✓ Resolute
 eP 15 16 04
 PS 15 29 22
 P_cPS 15 35 12
 ✓ Shawinigan Falls
 eP' 15 21 11

FEBRUARY 25
 ✓ Resolute
 eP 19 28 18

FEBRUARY 26
 U.S.C.G.S.
 3S 152 1/2E
 New Ireland
 H = 00 17 56
 h = 300km
 ✓ Ottawa
 iP' 00 36 17 c
 ✓ Resolute
 eP 00 31 08 c
 PP 00 35 36
 ✓ Seven Falls
 iP' 00 36 21
 ✓ Shawinigan Falls
 eP' 00 36 19

FEBRUARY 26
 U.S.C.G.S.
 31 1/2N 141 1/2E
 South of Honshu, Japan
 H = 11 35 29
 ✓ Resolute
 eP 11 46 30 d
 ✓ Shawinigan Falls
 eP 11 48 58

FEBRUARY 26
 ✓ Shawinigan Falls
 e(P) 12 25 17

FEBRUARY 26
 U.S.C.G.S.
 50N 155 1/2E
 Kurile Islands
 H = 16 50 46
 ✓ Ottawa
 iP 17 02 29 c
 ✓ Resolute
 iP 16 59 22 c
 P_cP 17 00 52
 eS 17 06 13
 eL 17 10.0

DOMINION OBSERVATORIES

✓ Seven Falls
eP 17 02 31
✓ Shawinigan Falls
iP 17 02 29 c

FEBRUARY 26
U.S.C.G.S.
41N 143 1/2E
Off south coast of
Hokkaido, Japan
H = 17 18 56

✓ Resolute
iP 17 28 52 c
eS 17 37 -
eL 17 46 -
✓ Seven Falls
eP 17 31 42
✓ Shawinigan Falls
eP 17 31 41

FEBRUARY 26
✓ Seven Falls
eP 20 00 30 d

FEBRUARY 27
✓ Alberni
e 20 31 59.0
e 20 32 31.9

Local shock
✓ Horseshoe Bay
i 20 31 48.4 d
i 20 32 16.8

Local shock
✓ Victoria
e 20 31 37.6C,N,W
e 20 31 59.7
Local shock

FEBRUARY 27
✓ Resolute
eP 10 58 00

FEBRUARY 27
✓ Resolute
e 16 34 26
e 16 35 07
e 16 35 12
e 16 35 25
Local shock

FEBRUARY 27
U.S.C.G.S.
21N 120E
Batan Islands
aftershock
H = 23 27 49

✓ Banff
eP 23 41 06
✓ Halifax
eSKKS 23 54 38
ePS 23 57 05
✓ Horseshoe Bay
eP 23 40 54

✓ Resolute
eP 23 40 11 d
PP 23 43 21
eS 23 50 28
SS 23 55 44
eL 00 06 -

✓ Victoria
eP 23 40 55i,N,E
eS 23 51 24

FEBRUARY 28
✓ Resolute
eP 02 06 11

FEBRUARY 28
✓ Resolute
e 03 57 34
Local shock

FEBRUARY 28
✓ Resolute
eP 08 22 04

FEBRUARY 28
U.S.C.G.S.
27N 44W
Mid-Atlantic Ocean
H = 09 54 53
✓ Banff
eP 10 04 46 c

✓ Halifax
iP 10 00 04
iS 10 04 23
iL 10 06.3
✓ Ottawa
eP 10 01 15
e 10 02 06

PP 10 02 22
PPP 10 02 45
S 10 06 22
L 10 08.3

✓ Resolute
eP 10 04 18 d
iP 10 04 20 c
eS 10 12 06
SS 10 15 36
eL 10 17 -

✓ Saskatoon
eS 10 11 35
✓ Seven Falls
eP 10 00 55
eS 10 05 52

✓ Shawinigan Falls
eP 10 01 01
✓ Victoria
eP 10 05 23 C,S,W
eS 10 14 04

FEBRUARY 28
✓ Resolute
eP 12 27 00
e 12 44 22
e 12 47 20

FEBRUARY 28
U.S.C.G.S.
11N 122 1/2E
Panay, Philippine Islands
H = 16 41 57



SEISMOLOGICAL BULLETIN - 1958

✓ Resolute
eP 16 55 06
✓ Seven Falls
eP 16 55 33
✓ Shawinigan Falls
iP 16 55 20 d

FEBRUARY 28
✓ Resolute
e 19 18 43
e 19 18 57.5
i 19 19 36
i 19 19 42
i 19 19 45.5
Local shock

MARCH 1
U.S.C.G.S.
20S 12W
Atlantic Ocean
H = 00 13 23
✓ Ottawa
iP 00 26 11 d
✓ Seven Falls
eP 00 26 03

MARCH 1
✓ Resolute
eP 04 43 14

MARCH 1
✓ Resolute
i 05 28 21
i 05 28 27
Local shock

MARCH 1
U.S.C.G.S.
13 1/2S 76 1/2W
Near coast of Peru
H = 09 05 40
✓ Ottawa
eP 09 15 49

✓ Resolute
eP 09 18 34 c
eS 09 29 19
eL 09 43 -
✓ Seven Falls
eP 09 15 52
pP 09 16 15
✓ Shawinigan Falls
eP 09 15 48
pP 09 16 09
P_CP 09 16 23
✓ Victoria
eP 09 11 22

MARCH 1
U.S.C.G.S.
28N 54 1/2E
Southern Iran
H = 09 26 46
✓ Resolute
eP 09 38 37 d
✓ Seven Falls
eP 09 39 54
✓ Shawinigan Falls
eP 09 40 01

MARCH 1
✓ Resolute
e 12 35 40
e 12 37 45
Local shock

MARCH 1
U.S.C.G.S.
14N 89 1/2W
El Salvador
H = 17 21 33
h = 60km

✓ Ottawa
eP 17 28 11 d
✓ Resolute
iP 17 31 40 c
✓ Shawinigan Falls
eP 17 28 28

MARCH 1
46°56'N 76°00'W
Gatineau River
Valley about 40 miles
North of Maniwaki,
Quebec
H = 17 41 50
Mag. 3.9
✓ Ottawa
iP₁ 17 42 16.5
i 17 42 22.5
iS₁ 17 42 37.3
D = 173km

✓ Seven Falls
iP₁ 17 42 53.3
i 17 43 19.8
iS₁ 17 43 39.4
D = 390km
✓ Shawinigan Falls
iP₁ 17 42 29.5
i 17 42 55
iS₁ 17 42 59.9
D = 252km

MARCH 1
✓ Alberni
i 18 53 50.5
i 18 53 59.0
Local shock

MARCH 1
✓ Victoria
e 19 08 57.3 c
e 19 09 09.5
Local shock

MARCH 2
U.S.C.G.S.
21N 121E
Batan Islands
H = 02 33 40
✓ Resolute
eP 02 46 00

DOMINION OBSERVATORIES

✓ MARCH 2
 ✓ Resolute
 eP 07 52 20
 ✓ Horseshoe Bay
 eP 00 52 43
 i 00 52 58
 ✓ Ottawa
 iP 00 51 20 d
 ✓ Resolute
 eP 00 54 45 c
 ✓ Seven Falls
 eP 00 51 48 c
 ✓ Shawinigan Falls
 eP 00 51 38
 ✓ Victoria
 eP 00 52 38.5 d,S,E
 e 00 52 52.9
 MARCH 2
 ✓ Alberni
 i 14 38 26.2
 e 14 38 43
 Local shock
 ✓ Horseshoe Bay
 i 14 38 17.4
 i 14 38 26.8
 Local shock
 ✓ Victoria
 e 14 38 09.2 d
 e 14 38 12.4
 Local shock
 MARCH 2
 ✓ Resolute
 eP 17 24 19
 MARCH 2
 ✓ Resolute
 eP 18 21 08
 MARCH 2
 ✓ Resolute
 eP 19 45 03
 MARCH 3
 U.S.C.G.S.
 15N 91 1/2W
 Guatemala
 H = 00 44 47
 h = 100km
 ✓ Banff
 eP 00 52 25
 ✓ Victoria
 eP 07 35 37.0d,N,W
 MARCH 3
 ✓ Resolute
 eP 11 18 30
 MARCH 3
 U.S.C.G.S.
 55 1/2N 166 1/2E
 Komandorskie Islands
 H = 16 18 17
 Mag. 6 1/4 - 6 1/2
 ✓ Alberni
 iP 16 26 03 c
 i 16 26 11
 ✓ Banff
 iP 16 26 32 c
 Halifax
 iP 16 29 42 d
 i 16 29 52 d
 eSSS 16 47 06
 eL 16 52.1
 ✓ Ottawa
 eP 16 29 09 c
 i 16 29 19
 PP 16 31 41
 PPP 16 33 24
 S 16 38 00
 ✓ Resolute
 eP 16 25 51 c
 eP 16 25 52 d
 iP 16 26 00 c
 PP 16 27 26
 (PPP) 16 27 58
 eS 16 31 52
 SS 16 34 50
 eL 16 35 -
 ✓ Seven Falls
 eP 16 29 11 c
 i 16 29 21
 PP 16 31 47
 PPP 16 33 30
 S 16 37 55
 MARCH 3
 U.S.C.G.S.
 23 1/2 122E
 Near east coast of
 Formosa
 H = 07 22 42
 ✓ Banff
 iP 07 35 48 d
 ✓ Horseshoe Bay
 eP 07 35 35
 ✓ Resolute
 eP 07 34 50 c
 eP 07 34 51 d
 eL 08 00 -

SEISMOLOGICAL BULLETIN - 1958

✓ Shawinigan Falls
 eP 16 29 11 c
 i 16 29 21
 PP 16 31 22
 ✓ Victoria
 eP 16 26 10.3 d,N,W
 MARCH 3
 U.S.C.G.S.
 25 1/2N 70E
 Hindu Kush
 H = 16 55 38
 ✓ Resolute
 eP 17 06 31 d
 MARCH 3
 U.S.C.G.S.
 55 1/2N 166E
 Komandorskie Islands
 H = 17 32 47
 ✓ Alberni
 eP 17 40 33
 ✓ Banff
 eP 17 41 02
 ✓ Horseshoe Bay
 eP 17 40 39 c
 ✓ Ottawa
 iP 17 43 39 c
 ✓ Resolute
 eP 17 40 22 c
 eP 17 40 30 c
 PP 17 42 00
 PPP 17 42 28
 eS 17 46 23
 eL 17 49 30
 ✓ Seven Falls
 eP 17 43 42
 ✓ Shawinigan Falls
 iP 17 43 41 c
 i 17 43 49
 ✓ Victoria
 eP 17 40 42.1c,N,E
 MARCH 3
 U.S.C.G.S.
 6N 73 1/2W
 Colombia
 H = 17 13 14
 h = 150km
 ✓ Ottawa
 eP 17 20 33
 ✓ Resolute
 eP 17 24 10 c
 pP 17 24 50
 ✓ Seven Falls
 eP 17 20 48
 ✓ Shawinigan Falls
 eP 17 20 43
 Banff
 i 19 36 17.4
 i 19 37 26.8
 Local shock
 ✓ Horseshoe Bay
 i 19 34 47.8c,N,W
 i 19 34 53.3
 Local shock
 ✓ Victoria
 e 19 35 00.6C,N,E
 e 19 35 16.1
 Local shock
 MARCH 3
 ✓ Alberni
 i 19 50 03.8
 Local shock
 ✓ Horseshoe Bay
 i 19 49 55.9 d
 i 19 50 01.2
 Local shock
 ✓ Victoria
 e 19 50 23.8C,E
 Local shock
 MARCH 4
 U.S.C.G.S.
 1/2S 81W
 Near coast of Ecuador
 H = 01 50 09
 ✓ Ottawa
 eP 01 58 32
 ✓ Resolute
 eP 02 01 35
 eL 02 24.0
 ✓ Seven Falls
 eP 01 58 51
 ✓ Shawinigan Falls
 eP 01 58 45
 MARCH 4
 Resolute
 eP 05 41 58
 MARCH 3
 ✓ Shawinigan Falls
 eP 19 19 00
 i 19 19 12
 MARCH 3
 U.S.C.G.S.
 6N 73 1/2W
 Local shock
 ✓ Alberni
 i 19 34 55.8d,S,E
 i 19 35 09.7
 Local shock

DOMINION OBSERVATORIES

MARCH 4
U.S.C.G.S.
Dodecanese Islands
H = 11 32 04
✓ Ottawa
iP 11 43 39 d
✓ Resolute
eP 11 42 34 c
e 11 51 20
✓ Seven Falls
iP 11 43 15 c
✓ Shawinigan Falls
iP 11 43 24 d

MARCH 4
U.S.C.G.S.
27N 130E
Ryukyu Islands
H = 17 48 35
✓ Resolute
iP 18 00 15.5 d
eS 18 09 47
eL 18 35 -

MARCH 4
✓ Resolute
eP 23 16 00
e 23 17 27

MARCH 5
✓ Resolute
iP 02 27 16 c

MARCH 5
✓ Resolute
e 11 44 28
e 11 45 04
Local shock

MARCH 5
U.S.C.G.S.
52N 170 1/2W
Fox Islands,
Aleutian Islands
H = 19 53 28
✓ Resolute
eP 20 00 40
e (SS) 20 09 22
eL 20 13.2

MARCH 5
U.S.C.G.S.
36N 23E
Near south coast
of Greece
H = 05 41 06
✓ Resolute
eP 05 51 33 c
✓ Seven Falls
eP 05 51 59

MARCH 6
U.S.C.G.S.
9N 126E
Near north coast of
Mindanao, Philippine
Islands
H = 11 56 33
✓ Resolute
eP 12 09 43
eP 12 09 45 c

MARCH 6
U.S.C.G.S.
37N 71E
Hindu Kush
H = 06 55 30
h = 200km
✓ Resolute
iP 07 06 14.5 c
✓ Shawinigan Falls
eP 07 08 15

MARCH 7
U.S.C.G.S.
9 1/2N 126E
Near northeast coast of
Mindanao, Philippine Islands
H = 08 21 23
✓ Resolute
iP 08 34 37 d
eS 08 45 34
eL 08 59 -
✓ Seven Falls
eP' 08 40 21 c
✓ Shawinigan Falls
eP' 08 40 20

MARCH 7
U.S.C.G.S.
34 1/2N 134E
Shikoku, Japan
H = 11 29 56
✓ Resolute
eP 11 40 46

MARCH 7
✓ Alberni
e 18 06 48
e 18 07 01
Local shock

MARCH 6
U.S.C.G.S.
34S 178 1/2W
Kermadec Islands
region
H = 10 22 25
h = 60km
Mag. 6 1/2 - 6 3/4



SEISMOLOGICAL BULLETIN - 1958

✓ Victoria
i 18 06 34.0
i 18 06 37.6
Local shock

✓ Ottawa
eP' 07 42 54
e 07 43 07
✓ Resolute
(PP) 07 42 12
PS 07 51 18
SS 07 57 15
eL 08 05 -
✓ Seven Falls
eP' 07 42 59
e 07 43 10
✓ Shawinigan Falls
eP' 07 42 57
i 07 43 10

✓ Halifax
iP' 10 41 38
iP' 10 41 53
iPKS 10 44 59
e 11 01.8
ePS 11 03 46
iSS 11 10 31
eL 11 23.8
✓ Ottawa
eP' 10 41 20
i 10 41 36
PKS 10 44 53
✓ Resolute
eP' 10 41 16 c
PS 10 50 50
PKKP 10 51 25
PS 10 52 24
SS 10 59 16
P'P' 11 02 23
✓ Seven Falls
eP' 10 41 27
i 10 41 43
PKS 10 45 03
✓ Shawinigan Falls
eP' 10 41 24
i 10 41 40
PKS 10 44 58

MARCH 7
Banff
i 22 29 44.6
Local shock

MARCH 8
U.S.C.G.S.
33 1/2S 70W
Central Chile
H = 20 10 23
h = 100km
✓ Ottawa
iP 20 22 21 d
pP 20 22 45
✓ Resolute
eP 20 26 04
p' 20 29 18
eL 20 58 -
✓ Seven Falls
eP 20 22 30 d
pP 20 22 55
✓ Shawinigan Falls
eP 20 22 26 d

MARCH 9
U.S.C.G.S.
51 1/2N 178 1/2W
Andreanof Islands,
Aleutian Islands
H = 08 07 30
✓ Alberni
eP 08 14 17 c
✓ Banff
eP 08 14 52
✓ Horseshoe Bay
eP 08 14 23
✓ Ottawa
iP 08 17 59
✓ Resolute
eP 08 15 04
(PPP) 08 17 11
S 08 20 55
(SSS) 08 23 05
✓ Seven Falls
ePP 08 20 18
✓ Shawinigan Falls
eP 08 18 04
✓ Victoria
iP 08 14 26.5

MARCH 9
U.S.C.G.S.
2N 129E
Halmahera Island
region
H = 11 23 19
✓ Resolute
eP 11 37 19 d
✓ Seven Falls
eP' 11 42 40

MARCH 9
U.S.C.G.S.
34S 178 1/2W
Kermadec Islands
region
H = 10 22 25
h = 60km
Mag. 6 1/2 - 6 3/4

MARCH 9
U.S.C.G.S.
2N 129E
Halmahera Island
region
H = 11 23 19
✓ Resolute
eP 13 27 39

MARCH 9
✓ Alberni
i 17 49 31.4
i 17 49 47.5
Local shock

DOMINION OBSERVATORIES

✓ MARCH 9 Alberni e 23 17 27 Local shock ✓ Horseshoe Bay e 23 16 52.1 e 23 17 07.3 Local shock ✓ Victoria i 23 16 43.9 i 23 16 53.6 Local shock	✓ MARCH 10 Resolute iP 11 52 40 c MARCH 10 U.S.C.G.S. Central Ryukyu Islands H = 17 27 20 ✓ Resolute iP 17 39 05 d iP 17 39 06 c MARCH 10 Shawinigan Falls eP 21 44 11 e 21 45 12 MARCH 11 U.S.C.G.S. 25 1/2N 125E Ryukyu Islands H = 00 25 56 h = 60km Mag. 7 ✓ Alberni eP 00 38 23 e 00 38 46 eL 00 48.7 ✓ Banff iP 00 38 42 c ✓ Halifax eP' 00 44 01 c ipPP 00 45 04 c esPP 00 45 16 iSKS 00 49 54 iSP 00 53 43 iSS 00 59 49 eSSS 01 02 34 iL 01 13.9 ✓ Horseshoe Bay iP 00 38 28 ✓ Ottawa eP 00 40 29 e 00 43 50	i 00 44 29 PP 00 44 37 e 00 49 15 SKS 00 50 46 SKKS 00 51 34 e 00 53 36 PS 00 54 08 SS 01 00 24 SSS 01 04 06 e 01 06 30 L 01 09.4 ✓ Resolute iP 00 37 48 c e 00 44 24 eS 00 47 42 e 01 05 06 e 01 25 07 ✓ Saskatoon eP 00 39 05 eS 00 49 31 eL 01 12.5 ✓ Seven Falls eP 00 40 11 e 00 43 46 e 00 44 26 PP 00 44 39 e 00 45 36 SKS 00 50 58 SKKS 00 51 45 PS 00 54 20 e 00 57 44 SS 00 59 05 e 01 02 39 SSS 01 04 27 e 01 07 11 L 01 08.9 ✓ Shawinigan Falls eP 00 40 16 e 00 43 31 Victoria eP 00 38 33.5 eS 00 49 11 MARCH 11 U.S.C.G.S. 14 1/2N 90 1/2W Guatemala H = 08 47 23 h = 200km
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SEISMOLOGICAL BULLETIN - 1958

✓ Ottawa iP 08 53 45 c ✓ Resolute iP 08 57 13 c ✓ Seven Falls eP 08 54 12 c ✓ Shawinigan Falls eP 08 54 00 c MARCH 11 U.S.C.G.S. 13S 167E New Hebrides Islands H = 13 59 00 ✓ Ottawa eP' 14 17 54 ✓ Resolute eP 14 13 11 e 14 15 30 PP 14 17 28 e 14 24 18 eS 14 25 20 e 14 27 10 SS 14 32 44 eL 14 43 - ✓ Seven Falls eP' 14 18 00 ✓ Shawinigan Falls eP' 14 17 59 MARCH 11 Resolute eP 19 38 10 MARCH 11 Resolute eP 21 33 59 MARCH 11 U.S.C.G.S. 17N 98 1/2W Guerrero, Mexico H = 23 53 00 ✓ Halifax ePPS 24 07 08 eL 24 16.7	✓ Ottawa eP 23 59 52 S 24 05 34 ✓ Resolute eP 23 04 55 c eS 24 11 18 SS 24 15 - ✓ Seven Falls eP 24 00 23 S 24 06 30 ✓ Shawinigan Falls eP 24 00 13 d MARCH 12 U.S.C.G.S. About 150 miles off coast of Southern Mexico H = 00 08 20 ✓ Resolute eP 00 18 28 MARCH 12 Resolute eP 11 21 17 MARCH 12 U.S.C.G.S. 42N 119 1/2W Nevada-Oregon- California border region H = 12 09 19 ✓ Banff eP 12 14 10 ✓ Resolute e 12 27 - MARCH 12 U.S.C.G.S. 20 1/2N 146E Mariana Islands H = 14 36 33 ✓ Resolute eP 14 48 33 c	MARCH 12 U.S.C.G.S. 27N 139 1/2E Bonin Islands region H = 18 16 50 h = 500km ✓ Resolute iP 18 27 30 d MARCH 12 Victoria i 19 11 28.2 e 19 11 29.3 Local shock MARCH 13 Alberni e 14 17 05 e 14 18 11 Local shock MARCH 13 Alberni i 23 39 31.0 e 23 39 55 Local shock Victoria i 23 39 17.8 c i 23 39 31.0 MARCH 13 U.S.C.G.S. 12 1/2N 123 1/2E Masbate Island, Philippine Islands H = 23 49 23 ✓ Resolute eP 24 02 23.5 d eP 24 02 24 c e 24 10 10 eS 24 13 12 SS 24 19 - eL 24 27 -
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DOMINION OBSERVATORIES

MARCH 14 U.S.C.G.S. 25 1/2N 96E Northern Burma H = 00 09 41 ✓ Resolute eP 00 21 46	MARCH 15 U.S.C.G.S. 40N 20 1/2E Albania - Greece border H = 06 27 00 ✓ Ottawa eP 06 38 06 ✓ Resolute eP 06 36 50 eS 06 44 36 eL 07 02.7 ✓ Seven Falls eP 06 37 36 ✓ Shawinigan Falls eP 06 37 57	MARCH 16 U.S.C.G.S. Near south coast Hokkaido, Japan H = 02 01 54 ✓ Resolute eP 02 11 51 e 02 11 59
MARCH 14 ✓ Resolute eP 09 02 21	MARCH 15 U.S.C.G.S. 17 1/2S 169E New Hebrides Islands H = 15 33 57 ✓ Ottawa eP' 15 52 43	MARCH 16 ✓ Resolute eP 10 15 22
MARCH 14 ✓ Resolute eP 13 47 58	MARCH 15 U.S.C.G.S. 5S 152E New Britain H = 19 06 10 ✓ Ottawa eP' 19 25 08 ✓ Resolute eP 19 20 01 (PSPS) 19 39 20 eL 20 05 -	MARCH 16 ✓ Resolute eP 19 16 07
MARCH 14 ✓ Resolute eP 13 56 25	MARCH 15 U.S.C.G.S. 23N 121 1/2E Near east coast of Formosa H = 00 24 01 ✓ Resolute eP 00 36 10 e 00 44 27 eS 00 46 - SS 00 51 28 eL 00 57 -	MARCH 17 Resolute eP 00 07 20
MARCH 14 Resolute eP 18 32 09 c	MARCH 15 U.S.C.G.S. 8N 93 1/2E Nicobar Islands region H = 21 07 24 ✓ Resolute eP 21 21 00	MARCH 17 Resolute e 08 29 12 e 08 32 05
MARCH 15 U.S.C.G.S. 23N 121 1/2E Near east coast of Formosa H = 00 24 01 ✓ Resolute eP 00 36 10 e 00 44 27 eS 00 46 - SS 00 51 28 eL 00 57 -	MARCH 15 U.S.C.G.S. 5S 152E New Britain H = 19 06 10 ✓ Ottawa eP' 19 25 08 ✓ Resolute eP 19 20 01 (PSPS) 19 39 20 eL 20 05 -	MARCH 17 Resolute eP 21 21 00
MARCH 15 ✓ Resolute iP 03 31 02 c	✓ Seven Falls eP' 19 25 12 ✓ Shawinigan Falls eP' 19 25 11	MARCH 17 U.S.C.G.S. 6 1/2S 147 1/2E Near northeast coast of New Guinea H = 21 40 23 ✓ Ottawa eP' 21 59 29



SEISMOLOGICAL BULLETIN - 1958

MARCH 18 Resolute eP 04 44 56 e 04 49 36 e 04 58 -	✓ Ottawa iP ₁ 06 39 45.4 i 06 39 50.7 i 06 39 59.6 iS ₁ 06 40 01.3 D = 133km ✓ Seven Falls iP ₁ 06 40 46.0 iS ₁ 06 41 47.2 D = 507km ✓ Shawinigan Falls iS ₁ 06 40 59.0 D = 336km	✓ Ottawa eP 01 48 16 d P _c P 01 49 19 PP 01 50 40 PPP 01 52 03 S 01 56 32 PS 01 57 04 SS 02 00 30 SSS 02 03 16 Resolute eP 01 45 32 d iP 01 45 33 d PP 01 47 06 eS 01 51 33 SS 01 54 28
MARCH 18 U.S.C.G.S. 50 1/2N 173W Fox Islands foreshock H = 22 20 02 ✓ Alberni iP 22 26 19 c ✓ Banff eP 22 27 01 i 22 29 29 ✓ Halifax eSSS 22 46 41 eL 22 51.1 ✓ Ottawa eP 22 30 15 ✓ Resolute iP 22 27 31.5 d ePP 22 29 04 i (P _c P) 22 29 40 eS 22 33 32 eSS 22 36 23 ✓ Seven Falls eP 22 30 23 d ✓ Shawinigan Falls eP 22 30 19 d ✓ Victoria iP 22 26 25.5 d iS 22 29 19.2	MARCH 19 Resolute eP 14 56 51 e 15 02 24 MARCH 19 Resolute eP 23 28 01 MARCH 20 U.S.C.G.S. 51N 173W Fox Islands, Aleutian Islands region H = 01 38 04 Mag. 6 1/2 ✓ Alberni iP 01 44 20 eS 01 49 30 eL 01 51.5 Banff eP 01 45 02 Halifax iP 01 48 59 iP _c P 01 49 26 iS 01 57 54 i 02 00 30 iSS 02 02 20 iSSS 02 05 35 eL 02 06.9	✓ Saskatoon iP 01 45 45 i 01 47 20 eS 01 51 47 eL 01 57.5 ✓ Seven Falls eP 01 48 24 d P _c P 01 49 12 PPP 01 52 38 S 01 56 50 SS 02 00 58 SSS 02 03 33 ✓ Shawinigan Falls eP 01 48 20 d P _c P 01 49 21 e 01 50 06 PP 01 50 39 PPP 01 51 59 S 01 56 43 ✓ Victoria iP 01 44 30 d MARCH 20 Ottawa eP 02 17 38 ✓ Shawinigan Falls eP 02 17 37
MARCH 19 46°02'N 77°08'W or 44°13'N 75°40'W About 15 miles north of Pembroke Ontario or about 20 miles NE of Watertown New York H = 06 39 24 Mag. 3.0		

DOMINION OBSERVATORIES

✓ MARCH 20 Resolute e 06 22 23
 e 06 27 44
 e 06 30 56
 e 06 37 23

MARCH 21 U.S.C.G.S. 13 1/2N 92 1/2E Andaman Islands H = 18 32 54
 ✓ Resolute eP 18 46 07 c

✓ MARCH 20 Resolute iP 08 02 39 d

MARCH 20 U.S.C.G.S. 10S 161E Solomon Islands H = 14 47 05
 ✓ Resolute SS 15 20 40
 eL 15 30.4

✓ MARCH 20 Ottawa iP 22 22 24

MARCH 21 U.S.C.G.S. 15N 92 1/2W Mexico - Guatemala border H = 14 15 04
 h = 150km
 ✓ Banff iP 14 22 35 c
 ✓ Ottawa eP 14 21 35
 ✓ Resolute iP 14 24 58 d
 iP 14 24 59 c

✓ MARCH 21 Resolute eP 15 04 36

MARCH 22 U.S.C.G.S. 23 1/2N 94 1/2E Burma-Pakistan border H = 10 11 27
 ✓ Ottawa eP' 10 30 15

MARCH 22 U.S.C.G.S. 35 1/2N 67E Afghanistan H = 11 07 47
 ✓ Resolute eP 11 18 59 c
 eS 11 28 14
 eSS 11 32 44
 eL 11 36.2

MARCH 23 Resolute eP 03 57 37

MARCH 23 Resolute e 04 41 00.5
 i 04 41 02.5
 i 04 41 06.5
 i 04 41 30.0
 Local shock

MARCH 23 U.S.C.G.S. 18N 120E Near northwest coast of Luzon, Philippine Islands H = 10 14 42
 ✓ Alberni eP 10 28 00
 ✓ Banff eP 10 28 09
 ✓ Horseshoe Bay eP 10 27 59



SEISMOLOGICAL BULLETIN - 1958

✓ Resolute eP 10 27 17 d
 iP 10 27 17.5 c
 eS 10 43 08
 eSS 10 49 -
 ✓ Victoria iP 10 27 59.7

MARCH 23 Resolute eP 20 41 15

MARCH 23 45°33'N 67°07'W About 10 miles SE of McAdam, New Brunswick H = 22 04 17 Mag. 3.4
 ✓ Halifax iS₁ 22 05 41
 D = 296km
 ✓ Jean-de-Brebeuf iS₁ 22 06 40
 D = 507km
 ✓ Ottawa iS₁ 22 07 26
 D = 670km
 ✓ Seven Falls iS₁ 22 05 50.2
 D = 335km
 ✓ Shawinigan Falls eS₁ 22 06 24.5
 D = 451km

MARCH 24 Resolute eP 05 48 17

MARCH 24 Resolute eP 06 03 43

MARCH 24 Resolute eP 11 55 52 c

MARCH 24 U.S.C.G.S. 18 1/2N 120E Near north coast of Luzon, Philippine Islands H = 11 55 40
 ✓ Resolute iP 12 08 14 c
 PP 12 10 52

MARCH 23 Resolute eP 11 34 36

MARCH 23 Resolute eP 12 39 25

MARCH 23 Resolute iP 19 05 09 c
 e 19 06 38

MARCH 23 U.S.C.G.S. Aleutian Islands H = 20 13 07
 ✓ Banff eP 20 20 29
 ✓ Ottawa eP 20 23 36
 ✓ Resolute eP 20 20 44 d
 eS 20 27 00
 e 20 29 35
 ✓ Shawinigan Falls eP 20 23 40
 ✓ Victoria eP 20 19 59

MARCH 24 U.S.C.G.S. 21S 170 1/2E Loyalty Islands region H = 00 55 55
 ✓ Ottawa eP' 01 14 57
 Resolute eP 01 10 29
 PP 01 14 36
 eL 01 43 -
 ✓ Seven Falls eP' 01 15 08
 ✓ Shawinigan Falls eP' 01 15 02

MARCH 24 U.S.C.G.S. 43N 146E Near north coast of Hokkaido, Japan H = 14 53 51
 ✓ Resolute iP 15 03 31 c
 iP 15 03 32 d

MARCH 24 U.S.C.G.S. 21 1/2S 170 1/2E Loyalty Islands region H = 21 46 31
 Resolute eL 22 35.5

MARCH 23 Resolute eP 20 22 51 d
 iP 20 22 52 c
 e 20 34 30
 e 20 38 30

MARCH 24 Resolute eP 04 31 38

DOMINION OBSERVATORIES

MARCH 24 Resolute eP 22 28 29	✓ Seven Falls eP 18 48 35 eL 18 54.7 Shawinigan eP 18 48 32 eL 18 54.6 Victoria eP 18 52 08	MARCH 26 Resolute e 04 40 28 i 04 41 31 i 04 42 07 Local shock
MARCH 24 Resolute eP 03 05 03		MARCH 26 Resolute eP 14 03 03 c e 14 04 52
MARCH 25 U.S.C.G.S. Blast at Pokrovsk, Northern Ural Mts. U.S.S.R. H = 08 59 58 Resolute eP 09 08 12	MARCH 25 Seven Falls iP 21 47 16 d Shawinigan Falls iP 21 47 13 d	MARCH 26 Resolute eP 18 42 34 e 18 47 16 e 18 48 37
MARCH 25 Resolute eP 09 42 14	MARCH 25 U.S.C.G.S. 3N 67E Maldives Islands region H = 22 33 45 Resolute eP 22 47 40 eS 22 58 25 SS 23 06 20 eL 23 15 -	MARCH 26 Resolute e 21 35 56 i 21 36 20 i 21 36 25 Local shock
MARCH 25 U.S.C.G.S. 21N 120E Batan Islands region Resolute eP 16 09 14	MARCH 26 U.S.C.G.S. 11W 126E Samar Island, Philippine Islands H = 00 25 49 h = 100km Resolute eP 00 38 49 d iP 00 38 50 c pP 00 39 15 eS 00 49 24 Ss 00 50 24 SS 00 55 34	MARCH 27 U.S.C.G.S. 14 1/2N 93W Near coast of Chiapas, Mexico H = 06 05 51 h = 150km Ottawa eP 06 12 24 Resolute iP 06 15 48 c e(S) 06 24 12 e 06 30 36 e 06 40 10
MARCH 25 U.S.C.G.S. 18N 64 1/2W Virgin Islands H = 18 42 27 Ottawa eP 18 48 29 eL 18 54.4 Resolute eP 18 52 28 d iP 18 52 29 c P _c P 18 53 18 eS 19 00 48 eL 19 06.4	✓ Seven Falls eP' 00 44 34 Shawinigan Falls eP' 00 44 36	✓ Victoria eP 06 13 35



SEISMOLOGICAL BULLETIN - 1958

MARCH 27 U.S.C.G.S. 53N 160E Near southeast coast of Kamchatka H = 06 35 07 Resolute eP 06 43 11 c	✓ Shawinigan Falls eP 04 22 18	✓ Victoria eP 12 19 25 C,S pP 12 20 12 ePP 12 23 18 esPP 12 24 18 eSKS 12 29 42 eS 12 30 36 ePS 12 31 44
MARCH 27 Resolute eP 07 27 11 e 07 33 40	MARCH 28 Resolute eP 04 53 55	MARCH 28 U.S.C.G.S. 37N 71E Hindu Kush H = 12 06 24 h = 200km Alberni eP 12 19 19 eS 12 20 08 Banff iP 12 19 16 c Horseshoe Bay iP 12 19 21 C,S i 12 20 11 Ottawa iP 12 19 19 pP 12 20 08 sP 12 20 31 PP 12 23 03 Resolute iP 12 17 08 c pP 12 18 12 pPP 12 20 42 pPPP 12 22 25 eS 12 26 00 (S _c S) 12 26 50 SS 12 30 22 sSS 12 31 40 SSS 12 31 30
MARCH 27 45°54'N 71°20'W About one mile east of Disraeli, Quebec H = 17 39 47 Mag. 2.7 Jean-de-Brebeuf iP ₁ 17 40 17 iS ₁ 17 40 39.7 D = 186km Ottawa iS ₁ 17 41 24 D = 345km Seven Falls iS ₁ 17 40 27.9 D = 145km Shawinigan Falls iP ₁ 17 40 08 iS ₁ 17 40 24.5 D = 132km	MARCH 28 U.S.C.G.S. 36 1/2N 71E Hindu Kush H = 04 09 30 h = 200km Banff epP 04 23 20 c Horseshoe Bay epP 04 23 25 c	MARCH 28 Resolute iP 18 57 10 d MARCH 28 Resolute eP 20 30 06 d iP 20 30 07 c e 20 36 07 MARCH 29 Resolute eP 06 46 27 c MARCH 29 Resolute eP 07 28 41 MARCH 29 Resolute eP 10 42 11 e 10 43 55 e 10 44 27 MARCH 29 Resolute iP 14 02 26 c e 14 02 45 MARCH 29 Resolute eP 17 57 43

DOMINION OBSERVATORIES

✓ MARCH 30 Resolute eP	01 59 13	✓ MARCH 31 Resolute eP e	05 57 39 06 05 52	✓ MARCH 31 Resolute eP	13 39 29
✓ MARCH 30 Resolute eP	05 10 58 c	✓ MARCH 31 Resolute i i i Local shock	08 55 58 08 55 59 08 58 06	MARCH 31 U.S.C.G.S. 52N 167 1/2W Fox Islands, Aleutian Islands H = 15 01 30 ✓ Resolute eP	15 08 34.5 c
✓ MARCH 30 U.S.C.G.S. 4N 77W Near coast of Colombia H = 14 23 20 h = 60km ✓ Banff eP ✓ Resolute e eP	14 33 02 d 14 30 09 14 34 35	✓ MARCH 31 U.S.C.G.S. 17N 93 1/2W Chiapas, Mexico H = 10 30 56 h = 100km ✓ Banff eP i ✓ Horseshoe Bay eP ✓ Ottawa eP ipP sP PP ✓ Resolute iP ipP eS SS ✓ Seven Falls ipP sP PP ✓ Shawinigan Falls eP ✓ Victoria eP	10 38 13 10 38 40 10 38 29 10 37 21 c 10 37 48 10 38 21 10 38 40 10 40 41 c 10 41 10 c 10 48 19 10 52 30 10 38 21 10 38 50 10 39 22 10 38 07 10 38 24	✓ MARCH 31 U.S.C.G.S. Ionian Sea H = 16 46 15 ✓ Resolute eP e	16 56 19 16 56 30
✓ MARCH 30 Resolute eP	14 45 22	✓ MARCH 31 U.S.C.G.S. 44 1/2N 141E Near west coast of Hokkaido, Japan H = 17 49 38 ✓ Ottawa eP ✓ Resolute eP eL	18 02 15 17 59 14 d 18 15.5	✓ MARCH 31 Resolute eP iP	21 01 45 d 21 01 46 c
✓ MARCH 30 U.S.C.G.S. 23S 179 1/2E Fiji Islands region H = 17 33 01 h = 550km ✓ Resolute P' SP SS ✓ Seven Falls ep'	17 50 34 18 00 09 18 06 18 17 50 56	✓ MARCH 31 Resolute eP	12 48 38	MARCH 31 U.S.C.G.S. 17 1/2N 60W Leeward Islands H = 21 09 01	



SEISMOLOGICAL BULLETIN - 1958

✓ Resolute eP eS eL	21 19 15 21 27 28 21 33.4
✓ MARCH 31 Resolute eP	21 49 46
✓ MARCH 31 Resolute e i i	23 19 28 23 19 32 23 19 32.5

EARTHQUAKES IN EASTERN CANADA
AND ADJACENT AREAS

The following disturbances were recorded during the first quarter of 1958. Instrumental data are given at their respective chronological positions in the text of this bulletin.

FEBRUARY - 2 at 05 54 43 U. T. Magnitude 2.8. Epicentre at 46°40'N, 72°25'W. In the Gatineau River Valley about 23 miles N. N. W. of Maniwaki, Quebec.

FEBRUARY - 12 at 13 29 48 U. T. Magnitude 2.9. Epicentre at 44°25'N, 75°25'W. About 16 miles south of Ogdensburg, New York.

MARCH - 1 at 17 41 50 U. T. Magnitude 3.9. Epicentre at 46°56'N, 76°00'W. In the Gatineau River Valley about 40 miles north of Maniwaki, Quebec. A phase was recorded at Weston at 17 44 38.5 and identified as iP . It is much too late for a Pivase; but when interpreted as S_1 it closely confirms the epicentre and H Time given above. This is the more northerly of two possible positions indicated by the Canadian stations alone.

MARCH - 19 at 06 39 24 U. T. Magnitude 3.0. Epicentre at 46°02'N, 77°08'W which is about 15 miles north of Pembroke, Ontario.

OR

Epicentre at 44°13'N, 75°40'W which is about 20 miles N. E. of Watertown, New York. The three stations recording this shick lie so nearly in a straight line that no choice could be made between the two possible positions given above.

MARCH - 23 at 22 04 17 U. T. Magnitude 3.4. Epicentre at 45°33'N, 67°07'W. About 10 miles S. E. of McAdam, New Brunswick.

MARCH - 27 at 17 39 47 U. T. Magnitude 2.7. Epicentre at 45°54'N, 71°20'W. About one mile east of Disraeli, Quebec.



I. G. Y. MICROSEISMIC BULLETIN

JANUARY - MARCH - 1958

NOTES

Four stations only have been read, an Atlantic Station - Halifax, an inland station - Ottawa, a Pacific Station - Victoria, and an Arctic Station - Resolute. The following instruments are used:

Halifax - Willmore	Z	$T_s = 1$	sec.	$T_g = 2.0$	sec.
Ottawa - Benioff	Z	$T_s = 1$	sec.	$T_g = 20$	sec.
Victoria - Benioff	Z	$T_s = 1$	sec.	$T_g = 75$	sec.
Resolute - Columbia	Z	$T_s = 15.9$	sec.	$T_g = 9.7$	sec.
		10.2		20	

ERRATUM

From June to December 1958⁷ microseisms for Resolute were scaled from records of the short period vertical Sprengnether seismograph, and not from Columbia instrument as stated in notes for last two quarterly bulletins.

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
January	1	0	0.0					2	0.7	6.0	2	0.7	5.4	No records for Ottawa, instrument not in operation for month. Resolute - Quake. Resolute - Quake.
	6	0.0					2	0.7	6.0	2	0.7	5.2		
	12	0.0					3	0.6	6.6	2	0.8	5.3		
	18	2	0.2	2.0			1	0.7	6.3	2	1.0	5.5		
	0	2	0.4	2.7			1	0.6	6.0	2	1.0	5.4		
	6	2	0.4	2.3			1	0.6	6.0	3	1.3	5.3		
	12	1	0.5	2.7			1	0.5	6.2	2	1.0	5.1		
	18	1	0.7	2.6			1	0.5	5.4	2	0.7	4.8		
	0	1	1.5	3.2			1	0.5	4.5	2	0.6	4.6		
	1	1	2.2	3.9			1	0.4	5.0	2	0.6	4.2		
	2	1	2.8	4.0			...	...	...	2	0.6	4.3
	3	1	2.7	3.9			1	0.5	4.9	2	0.7	4.7		
	4	1	2.6	4.0			1	0.5	4.9	2	0.8	5.2		
5	1	2.1	4.0			1	0.5	4.8	2	0.7	4.9			
6	1	2.2	4.0			1	0.6	4.6	2	0.8	5.0			
7	1	2.2	4.1			...	...	...	2	0.8	4.1	
8	1	1.8	4.0			...	...	...	2	0.8	4.2	
9	1	1.7	4.0			...	...	...	2	1.0	5.2	
10	1	1.5	3.9			...	...	...	2	1.0	4.9	
11	1	1.8	4.0			...	...	...	2	1.0	4.7	
12	1	1.7	3.9			1	0.6	5.1	2	1.1	5.1			
13	1	1.5	4.2			1	0.6	5.2	2	1.1	5.0			



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
January	3	14	1	1.3	3.9			...	0.6	5.4	2	1.0	5.2	Resolute - Quake. Resolute - Quake. Victoria - Quake. Resolute - Quake. Resolute - Storm start Resolute - Quake. Resolute - Quake.
	15	1	1.5	4.0			1	0.7	5.3	2	0.9	4.2		
	16	1	1.4	4.0			...	0.7	5.3	3	1.2	4.5		
	17	1	1.4	3.9			1	0.9	5.2	2	0.8	4.7		
	18	1	1.1	4.0			2	0.9	5.2	2	1.0	5.1		
	19	1	1.2	4.0			...	0.7	5.8	2	0.9	4.3		
	20	1	1.4	4.1			2	0.8	5.4	2	1.1	5.2		
	21	1	1.4	4.2			2	0.9	5.5	2	1.0	4.9		
	22	1	1.9	4.8			2	...	...	...	...	...
	23	1	2.3	5.0			...	...	...	...	...	...
	0	1	1.8	4.9			2	1.0	5.8	2	1.5	5.6		
	1	1	2.2	4.9			2	1.1	5.6	3	1.0	5.1		
	2	1	2.2	4.9			2	1.0	5.3	3	1.5	5.0		
3	1	2.3	5.0			2	1.2	6.0	2	1.0	5.2			
4	1	2.4	5.1			...	...	...	3	1.5	5.6	
5	1	2.3	5.0			3	1.5	5.6	2	1.1	5.1			
6	1	2.1	5.0			3	1.3	5.9	2	1.1	5.3			
7	1	2.1	5.0			...	...	...	2	1.0	5.0	
8	1	1.5	4.6			3	1.6	6.2	2	1.2	5.8			
9	1	1.6	4.7			...	...	...	2	1.2	4.9	
10	1	2.0	5.0			3	1.6	6.4	2	1.1	5.5			
11	1	2.2	5.2			3	1.6	6.3	3	1.4	5.6			

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
January 11	12	1	0.4	3.0				2	0.7	6.6	2	1.2	5.6	
	18	1	0.7	3.0				2	0.7	6.8	2	0.7	5.2	
January 12	0	1	0.4	3.1				2	0.6	6.5	2	0.7	5.2	
	6	1	0.9	4.0				0,0			2	1.0	4.9	
January 13	12	1	0.5	3.2				2	0.8	6.1	2	1.0	5.0	
	18	1	0.6	3.0				1	0.8	6.0	2	1.1	5.4	
January 14	0	1	0.8	3.4				1	0.7	6.1	3	1.5	6.0	
	6	1	0.8	3.4				1	0.7	6.2	2	0.9	4.8	
January 15	12	1	1.0	4.1				1	0.6	6.0	2	0.9	5.0	
	18	1	1.0	4.1				3	0.6	6.2	2	0.7	4.2	
January 16	0	1	0.3	3.0				3	0.6	6.6	2	0.9	5.1	Halifax - Storm start
	6	1	0.2	3.0				3	0.6	5.7	2	0.9	5.0	
January 17	12	1	0.2	3.0				2	0.8	6.2	3	1.5	5.1	Resolute - Quake.
	18	1	0.3	3.5				2	0.7	7.0	3	1.9	5.2	
January 18	0	0,0						3	1.0	6.6	3	2.1	6.3	Resolute - Quake.
	6	1	0.4	3.0				3	0.9	7.1	3	1.6	5.8	
January 19	12	1	0.4	3.0				3	1.1	7.1	2	1.0	5.2	Resolute - Quake.
	15	1	0.7	3.4				...			2	0.7	5.1	
January 20	18	1	1.0	3.7				3	1.0	7.1	2	0.7	5.0	Resolute - Quake.
	21	1	2.3	4.3				...			2	0.8	4.9	
January 21	0	1	1.8	3.7				3	1.0	7.1	2	0.7	5.0	Resolute - Quake.
	6	1	1.6	3.7				...			2	0.8	4.9	
January 22	9	1	2.2	3.9				3	1.0	7.1	2	0.7	5.0	Resolute - Quake.
	12	1	3.5	4.5				...			2	0.8	4.9	
January 23	15	1	3.3	4.0				3	1.0	7.1	2	0.7	5.0	Resolute - Quake.
	15	1	3.3	4.0				...			2	0.8	4.9	



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
January 16	18	1	2.4	4.0				3	2.3	6.9	3	1.6	6.1	
	21	1	2.9	4.2				3	1.9	7.2	3	1.2	6.3	
January 17	0	1	2.9	4.0				3	1.4	7.1	3	1.6	6.4	
	3	1	4.2	4.8				3	1.4	7.1	3	1.6	6.4	
January 18	6	1	2.5	4.0				3	1.3	7.0	3	2.2	7.1	
	9	1	2.3	4.0				2	1.2	7.1	2	0.9	5.4	
January 19	12	1	1.6	3.3				2	1.0	7.5	2	0.8	6.1	International Day
	15	1	1.8	3.3				2	0.9	7.0	2	0.6	4.7	
January 20	6	1	1.2	3.0				2	0.8	6.8	2	0.7	4.8	
	9	1	1.1	2.9				2	0.9	6.2	2	0.7	4.9	
January 21	12	1	1.1	3.1				3	0.8	6.4	2	0.5	4.1	
	15	1	1.5	3.5				2	0.9	6.7	2	0.8	5.3	
January 22	18	1	1.5	3.6				2	0.9	6.2	2	0.7	4.9	
	21	1	1.3	3.5				2	0.9	6.2	2	0.7	4.7	
January 23	0	1	1.5	4.1				3	0.8	6.4	2	0.8	4.9	
	1	1	1.5	4.0				2	0.9	6.7	2	0.7	4.9	
January 24	2	1	1.2	3.7				2	1.0	6.5	2	0.7	4.7	
	3	1	1.8	4.0				2	0.9	6.6	2	0.8	4.9	
January 25	4	1	1.1	3.5				2	0.9	6.7	2	0.7	4.5	
	5	1	1.4	4.0				3	0.9	6.7	2	0.8	5.3	
January 26	6	1	1.4	4.0				3	0.9	6.8	2	0.9	5.3	
	7	1	1.4	4.0				3	0.9	6.8	2	0.9	5.3	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		19	8	1	0.9	3.5			3	1.0	6.3	2	0.7		5.4	Resolute - Quake. International Day Resolute no readings 01:00 to 08:00
	9	1	1.6	3.8			3	0.8	6.8	2	0.7	4.6		
	10	1	0.7	3.5			3	0.9	6.2	2	0.7	5.4		
	11	1	1.2	3.8			3	0.9	6.5	2	0.8	4.4		
	12	1	1.0	4.0			3	0.9	5.9	2	0.7	4.9		
	13	1	1.3	4.0			3	0.8	6.4	2	0.8	5.1		
	14	1	0.7	3.5			3	0.9	6.7	2	0.9	5.3		
	15	...					...			2	0.7	5.4
	16	1	0.8	3.5			...			2	0.7	5.4		
	17	1	0.8	3.7			...			2	0.8	5.3		
	18	1	1.2	4.0			...			2	0.7	5.1		
	19	1	0.5	3.0			...			2	0.7	4.7		
	20	1	0.6	3.4			...			2	0.7	4.9		
	21	1	0.7	3.3			3	0.7	6.1	2	0.7	5.2		
	22	1	0.6	3.2			3	0.5	6.2	2	0.7	5.2		
	23	1	0.7	3.3			3	0.5	6.2	2	0.6	4.5		
20	0	1	0.7	3.2			3	0.6	6.4	2	0.8	5.8		
	1	1	0.7	3.4			3	0.6	6.4	2	0.7	5.7		
	2	1	1.0	3.6			3	0.6	6.2	2	0.8	4.7		
	3	1	0.7	3.3			3	0.6	6.2	2	0.6	5.1		
	4	1	0.8	3.4			3	0.5	6.2	2	0.7	5.2		
	5	1	0.6	3.1			3	0.5	6.2	2	0.7	5.4		
	6	1	1.1	3.4			3	0.6	6.2	2	0.7	4.5		
	7	1	1.2	3.6			3	0.6	6.4	2	0.9	5.1		
	8	1	1.5	3.7			3	0.5	6.2	2	0.7	5.6		
	9	1	1.6	3.8			3	0.5	6.0	2	0.7	5.2		

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		20	10	1	1.6	3.8			3	0.6	6.4	2	0.6		5.2	Resolute - Quake.
	11	1	1.8	3.8			...			2	1.0	6.0		
	12	1	2.1	3.8			3	0.6	5.8	2	0.7	5.6		
	13	1	2.8	4.3			3	0.6	6.1	2	0.7	5.6		
	14	1	3.0	4.3			3	0.5	5.6	2	0.6	5.1		
	15	1	2.8	4.2			3	0.6	5.6	2	0.7	5.0		
	16	1	2.7	4.2			...			2	0.6	4.9		
	17	1	3.3	4.3			2	0.6	5.6	2	0.6	5.2		
	18	1	2.5	4.3			2	0.8	5.5	2	0.7	5.3		
	19	1	2.7	4.2			2	0.6	5.8	2	0.6	4.7		
	20	1	2.5	4.2			2	0.6	6.0	2	0.8	5.0		
	21	1	2.8	4.3			2	0.7	5.8	2	0.6	5.1		
	22	1	2.4	4.1			2	0.7	5.6	2	0.8	5.1		
	23	1	2.3	4.2			2	0.8	5.6	2	0.6	4.8		
21	0	1	2.9	4.4			2	0.6	5.7	2	0.7	4.8		
	3	1	2.4	4.2			2	0.7	5.6	2	0.6	4.5		
	6	1	2.2	4.3			2	0.8	5.5	2	0.6	5.0		
	9	1	1.9	4.4			2	0.8	5.5	2	0.6	5.0		
	12	1	1.6	3.7			2	0.8	5.5	2	0.6	5.0		
	15	1	1.6	4.0			1	0.6	5.8	...				
	18	1	1.2	3.7			1	0.6	5.8	...				
	21	1	1.4	4.4			1	0.8	5.8	2	0.5	4.1		
22	0	1	0.9	3.7			1	0.6	5.7	0,0				
	6	1	1.8	3.4			1	0.5	6.0	2	0.7	4.9		
	12	1	0.7	3.5			1	0.5	6.0	2	0.8	4.4		
	18	1	1.0	4.1			...			2	0.8	4.4		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
January 30	12	1	2.1	4.1				3	0.8	6.8	3	1.6	5.6	Resolute - Storm end.
	15	1	1.8	4.2			3	0.8	6.3	2	1.1	5.2		
	18	1	1.6	4.2			2	0.7	6.7	2	1.1	5.8		
January 31	21	1	2.0	4.6			2	0.8	6.5	2	1.1	6.3	Halifax - Storm end. Resolute - Quake.	
	0	1	0.9	3.5			2	0.8	6.2	3	1.1	2.0		
	3	1	0.9	3.4			2	0.7	6.4	3	0.8	5.8		
February 1	6	1	1.0	3.7			2	0.7	6.3	3	1.5	6.3	Halifax - Storm end. Resolute - Quake.	
	9	1	1.2	3.3			2	0.7	6.4	3	0.8	5.8		
	12	1	1.0	3.0			2	0.8	6.0	3	1.0	6.2		
February 2	15	1	1.3	2.9			2	0.8	6.1	2	0.7	5.6	Halifax - Storm end. Resolute - Quake.	
	18	1	1.3	3.0			2	0.8	5.9	3	1.0	5.1		
	21	1	2.2	3.5			2	0.6	6.1	2	0.7	5.1		
February 3	0	1	2.5	3.7			...	1.0	6.7	2	0.6	5.1	Halifax - Storm end. Resolute - Quake.	
	3	1	2.6	3.3			3	1.5	6.8	2	0.6	4.6		
	6	1	2.1	3.6			3	1.7	7.4	3	1.0	6.2		
February 4	9	1	2.0	3.6			3	1.4	6.7	3	0.8	6.2	Halifax - Storm end. Resolute - Quake.	
	12	1	2.0	3.8			3	0.9	6.2	3	0.8	5.8		
	18	1	1.8	4.0			3	1.0	6.1	2	1.0	5.2		
February 5	0	1	1.8	4.0			3	1.0	7.0	2	1.2	5.7	Halifax - Storm end. Resolute - Quake.	
	6	1	1.4	4.0			3	1.0	6.1	2	1.0	5.2		
	12	2	1.8	4.0			3	1.0	6.1	2	1.2	5.7		
February 6	18	2	2.7	4.0			3	1.0	7.0	2	0.9	5.4	Halifax - Storm end. Resolute - Quake.	
	0	2	3.2	4.0			3	1.0	6.1	2	1.0	5.2		
	6	2	3.2	4.0			3	1.0	7.0	2	1.2	5.7		
February 7	12	2	2.5	4.5			...	1.0	6.1	2	1.0	5.2	Halifax - Storm end. Resolute - Quake.	
	18	2	2.5	4.5			...	1.0	7.0	2	0.9	5.4		
	0	2	2.5	4.5			...	1.0	6.1	2	1.0	5.2		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
February 4	0	2	2.8	4.7				2	0.8	6.0	2	0.8	5.2	Ottawa - Power off
	6	2	1.4	4.5			2	0.8	6.0	2	0.8	5.2		
	12	2	1.3	4.5			2	0.7	6.0	2	0.6	4.9		
February 5	18	1	0.9	4.0	0.8	4.8	4.0	3	0.6	6.2	2	0.7	5.2	Ottawa - Power off
	0	1	1.2	4.5	1.1	6.0	1	0.6	6.0	2	0.7	5.4		
	6	1	1.0	4.0	1.1	6.0	1	0.7	6.2	2	0.8	5.7		
February 6	12	1	1.2	4.0			...	1	0.7	6.5	2	0.7	5.2	Ottawa - Power off
	18	...					3	1.7	6.4	2	0.7	5.2		
	0	1	1.2	4.5	1.7	7.0	1	0.7	6.4	2	0.7	5.2		
February 7	6	1	0.9	3.5	1.4	6.0	1	0.6	6.2	2	0.6	4.6	Ottawa - Power off	
	12	1	4.4	6.0	1.4	6.0	1	0.5	6.2	2	0.7	5.3		
	18	1	3.9	6.0	1.4	6.0	1	0.6	7.1	2	0.6	4.7		
February 8	0	1	4.6	7.0	1.6	6.7	2	0.8	7.9	2	0.5	4.2	Ottawa - Power off	
	6	1	4.6	7.0	2.1	7.0	2	0.8	7.3	2	0.6	4.7		
	12	1	2.8	6.2	1.6	6.4	1	0.7	6.7	2	0.6	4.2		
February 9	18	1	2.6	6.0	1.9	6.5	1	0.5	6.4	2	0.7	4.8	Resolute - Quake.	
	0	1	2.6	6.0	1.4	6.0	1	0.5	6.1	2	0.7	5.4		
	6	1	1.2	6.0	1.5	6.2	...	0.4	6.0	2	0.8	5.5		
February 10	12	1	0.4	3.0	0.9	5.1	1	0.4	6.1	2	0.7	5.1	Resolute - Quake.	
	18	2	1.0	3.4	0.7	4.0	1	0.4	6.1	2	0.7	5.3		
	0	2	1.3	3.5	0.9	5.0	1	0.5	5.6	2	0.7	4.5		
February 11	3	2	0.9	2.5	0.7	4.0	1	0.4	5.5	2	0.8	5.2	Halifax - Storm start.	
	6	1	1.3	3.0	0.9	4.2	1	0.5	5.2	2	0.5	4.2		
	9	1	2.2	3.3	1.2	4.8	1	0.5	5.9	2	0.6	4.6		
February 12	12	1	4.5	4.0	1.2	4.8	1	0.5	5.9	2	0.6	4.6	Halifax - Storm start.	
	15	1	4.1	4.4	0.9	4.2	1	0.5	5.2	2	0.5	4.2		
	18	1	4.1	4.4	1.2	4.8	1	0.5	5.9	2	0.6	4.6		

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		February 16	0	1	1.6	4.5	3	0.9	5.4	2	0.6	5.7		2	0.7	3.8	Ottawa - Storm start. Resolute - Quake. Ottawa - Storm end. International Day.
	6	1	1.0	4.0	3	0.8	4.5	1	0.6	5.9	2	0.6	5.1	
	12	1	0.9	4.0	1	1.6	4.5	1	0.8	5.4	2	0.6	4.9	
	15	1	1.5	4.1	1	2.0	5.0	3	0.8	5.7	2	0.6	4.6	
17	18	1	2.3	5.0	1	2.3	5.0	3	1.1	5.5	2	0.7	4.9	
	21	0	2	5.2	6.0	1	2.3	5.0	3	5.5	2	0.8	5.2	
	3	2	1.6	3.4	1	2.0	5.0	...			2	0.8	5.2	
	6	1	2.0	3.4	1	2.0	5.0				2	0.7	5.4	
	9	2	1.3	3.3	1	2.0	5.0	3	0.8	5.7	2	0.7	5.4	
	12	1	1.7	3.3	1	1.7	4.8	3	0.8	5.7	2	0.7	5.4	
	15	1	1.3	3.3	1	1.3	4.5	3	0.6	6.3	2	1.1	5.2	
18	18	1	2.1	3.7	1	0.9	4.0	3	0.6	6.3	2	1.1	5.2	
	0	1	1.1	3.1	3	0.9	4.0	3	0.8	5.8	3	1.5	5.8	
	1	1	2.0	3.8	3	0.8	4.5	3	0.9	6.0	3	1.4	5.6	
	2	1	1.4	3.6	3	1.3	5.0	3	0.8	6.1	3	1.5	5.9	
	3	1	1.5	3.5	3	1.0	5.0	3	0.8	6.5	2	1.1	5.4	
	4	1	1.4	3.8	3	1.4	6.0	3	0.9	6.1	3	1.6	6.1	
	5	1	0.9	3.3	3	1.4	6.0	3	0.9	6.5	3	1.3	5.8	
	6	1	0.7	3.2	3	1.2	6.0	3	0.9	6.3	2	1.1	5.2	
	7	1	0.8	3.3	3	1.1	5.8	3	1.0	6.3	3	3.6	5.1	
	8	1	1.0	3.6	3	1.0	5.0	3	0.8	6.0	3	1.4	5.4	
	9	1	1.4	4.0	3	1.4	6.0	3	1.0	5.9	2	1.1	6.1	
	10	1	1.0	3.5	3	1.2	6.0	3	1.0	6.0	2	0.8	5.2	
	11	1	1.5	4.0	3	0.9	4.5	3	0.9	6.0	2	1.0	4.9	
	12	1	0.7	3.5	3	1.0	5.0	3	0.8	6.2	2	1.0	5.4	



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		February 18	13	1	1.0	3.8	3	1.0	5.0	3	0.7	6.0		2	0.9	5.2	Resolute - Quake. Resolute - Quake. Resolute - instrument out of operation.
	14	1	1.6	4.0	3	0.9	5.0	...			2	0.8	5.8	
	15	1	1.5	4.0	3	0.9	5.0	...			2	1.2	5.4	
	16	1	1.5	4.0	3	0.9	5.0	...			3	1.4	8.3	
	17	1	1.4	4.5	3	0.9	5.0	2	0.8	5.4	2	0.8	5.1	
	18	1	1.4	4.2	3	0.9	5.0	2	1.0	6.0	2	1.2	4.9	
	19	1	1.8	4.5	3	0.8	5.0	2	0.8	5.9	2	1.1	5.4	
	20	1	2.0	4.3	3	0.9	5.0	...			3	1.4	5.3	
	21	1	1.3	4.0	3	0.9	5.0	...			2	0.8	4.9	
	22	1	0.9	4.0	3	0.9	4.8	3	0.8	5.7	3	0.9	6.0	
	23	2	1.1	4.0	3	0.9	5.0	3	0.8	6.0	2	1.0	5.0	
19	0	2	1.3	4.0	3	0.9	5.1	3	0.7	5.6	3	1.4	5.8	
	1	2	1.8	4.5	3	0.9	5.1	3	0.7	5.8	2	0.9	4.7	
	2	2	2.0	4.5	3	1.0	5.1	3	0.6	5.9	3	1.4	5.4	
	3	2	2.5	5.0	3	0.9	5.0	3	0.8	5.7	3	1.3	5.2	
	4	2	1.8	4.5	3	1.1	5.1	3	0.8	5.9	3	1.4	5.1	
	5	2	2.0	4.5	3	0.9	5.0	3	0.7	5.8	3	1.3	5.1	
	6	2	2.1	4.7	3	0.9	5.0	3	0.7	5.9	2	1.1	5.4	
	7	2	2.9	5.3	2	0.9	5.0	3	0.7	5.9	3	1.5	5.0	
	8	2	1.4	4.1	2	1.0	5.0	...			3	1.7	5.1	
	9	2	1.8	4.5	2	1.0	5.0	...			3	2.1	5.8	
	10	2	2.1	4.5	2	0.8	5.0	...			3	1.6	5.4	
	11	2	1.1	4.1	2	0.7	4.8	...			2	1.2	5.3	
	12	2	1.1	4.1	2	0.9	5.0	...			3	1.3	5.8	
	13	2	1.8	4.5	2	0.9	5.0	...			3	1.3	5.2	
	14	2	1.3	4.5	2	0.9	5.0	...			2	1.1	5.3	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
February 19	15	2	1.3	4.5	2	0.9	5.0	...			2	1.0	5.2	Resolute - Quake.	
	16	2	1.3	4.5	2	0.9	5.0	...			2	1.1	5.6		
	17	2	1.5	4.5	2	0.8	4.8	...			2	0.9	5.2		
	18	2	1.5	4.5	2	0.9	5.0	...			2	1.0	5.1		
	19	2	1.5	4.5	2	1.0	5.0	3	0.5	6.5	2	0.8	5.8		
	20	2	1.3	4.5	2	0.8	4.8	...			2	0.7	5.4		
	21	2	2.0	5.0	2	0.9	5.0	...			2	0.7	4.9		
	22	2	1.7	5.0	2	0.9	5.0	...			2	0.8	4.8		
	23	0	2	1.7	5.0	2	0.8	5.0	3	0.7	6.5	2	0.6		4.5
	24	6	2	1.2	4.1	2	0.8	4.8	3	0.7	5.8	2	0.7		4.8
February 20	12	2	0.5	3.0	2	0.4	3.5	3	0.5	6.6	2	0.6	5.1	Ottawa - Quake.	
	18	2	0.9	4.0	2	0.5	4.3	3	0.5	6.8	2	0.6	5.1		
	0	1	1.1	4.0	2	0.8	4.5	3	0.5	7.0	2	0.9	5.2		
	6	1	3.3	5.0	1	1.7	5.0	3	0.5	6.5	2	0.7	4.9		
	12	1	3.3	5.0	1	1.8	5.3	3	0.6	6.3	2	0.8	4.3		
	18	1	2.7	5.0	1	2.6	6.0	3	0.8	6.3	3	1.8	6.3		
	0	1	2.5	5.0	1	2.4	6.0	3	1.2	6.2	3	1.6	5.4		
	6	1	0.9	4.0	1	2.4	6.0	3	1.1	6.4	3	1.8	6.8		
	12	1	0.4	3.0	...	1	1.6	5.6	3	1.0	6.6	3	1.7		6.2
	18	1	0.9	4.0	3	0.8	5.5	...	0.8	6.6	3	2.4	6.8		
February 23	0	1	0.7	3.5	3	0.9	5.8	1	0.6	6.1	3	1.6	6.1	Ottawa - Quake.	
	6	1	0.3	2.5	3	0.4	4.0	1	0.5	6.2	3	1.7	6.3		
	12	1	0.7	3.1	3	0.4	3.7	1	0.4	6.0	2	0.8	6.1		
	18	1	0.6	3.2	3	0.5	4.0	1	0.4	6.0	2	0.7	5.8		
	0	1	0.9	4.0	3	0.5	4.0	1	0.4	5.3	2	0.6	4.7		
	6	1	0.9	4.0	3	0.5	4.0	1	0.3*	5.9	2	0.6	4.7		
	12	1	0.4	3.0	...	3	0.5	4.0	1	0.3*	5.9	2	0.5		4.4
	18	1	0.9	4.0	3	0.8	5.5	...	0.8	6.6	3	2.4	6.8		
	0	1	0.7	3.5	3	0.9	5.8	1	0.6	6.1	3	1.6	6.1		
	6	1	0.3	2.5	3	0.4	4.0	1	0.5	6.2	3	1.7	6.3		

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
February 24	6	1	1.1	4.0	3	0.7	4.2	1	0.4	5.4	2	0.5	4.3	Resolute - instrument dead. International Day. Halifax - Storm start.
	12	1	0.9	4.0	3	0.8	4.8	1	0.5	5.9	2	1.1	5.2	
	18	1	1.0	4.2	3	0.8	5.0	...			3	1.6	5.4	
	0	1	1.3	5.0	3	0.8	5.1	1	0.5	5.8	3	1.4	6.1	
	6	1	1.1	4.6	3	0.6	5.1	1	0.5	5.8	3	1.6	5.8	
	12	1	0.3	3.0	2	0.4	5.3	...			2	0.9	5.2	
	18	1	0.3	3.0	2	0.5	4.0	...			2	1.0	5.1	
	0	1	1.1	3.0	3	0.6	3.7	3	0.6	6.2	2	0.9	4.7	
	1	1	0.9	3.0	3	0.6	3.7	3	0.5	6.3	2	0.9	4.7	
	2	1	2.3	4.0	3	0.8	3.9	3	0.6	6.4	2	1.0	4.9	
February 25	3	1	1.7	3.4	3	0.8	4.0	3	0.6	6.5	2	0.8	5.2	Resolute - instrument dead. International Day. Halifax - Storm start.
	4	1	1.8	3.6	3	0.9	4.1	3	0.7	6.8	2	0.9	5.4	
	5	1	1.2	3.0	3	0.9	4.1	3	0.7	7.2	3	1.2	5.6	
	6	1	1.2	3.0	3	0.9	4.2	3	0.6	6.8	3	1.3	5.2	
	7	1	1.5	3.2	3	0.9	4.2	3	0.6	7.0	2	1.0	5.1	
	8	1	2.4	3.9	3	0.9	4.2	3	0.8	7.0	2	0.7	5.2	
	9	1	2.8	3.8	3	1.0	4.2	3	0.8	7.4	2	0.8	5.1	
	10	1	3.2	4.0	3	1.2	4.2	...			2	0.7	4.6	
	11	1	3.1	4.0	3	0.9	4.2	...			2	0.8	5.1	
	12	1	2.7	4.0	3	1.1	4.3	...			2	0.8	5.4	
February 26	13	1	3.0	4.0	3	1.1	4.5	...			2	1.0	5.2	Resolute - instrument dead.
	14	1	3.4	4.5	3	1.2	5.0	...			2	1.1	5.3	
	15	1	3.0	4.2	3	1.1	4.7	3	0.9	6.3	2	0.8	5.2	
	16	1	3.0	4.2	3	1.4	5.0	3	1.0	7.0	2	0.8	5.4	
	17	1	3.3	4.4	3	1.2	5.0	3	0.9	7.5	2	1.2	5.2	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		18	1	3.4	4.5	3	1.6	5.0	3	1.1	7.0	2	0.7		5.1	Resolute - Quake. Halifax - Ottawa - Storm start. Resolute - instrument stable.
19	1	3.8	4.4	3	1.3	5.0	3	1.1	6.9	2	1.1	5.6		
20	1	3.8	4.5	3	1.2	4.9	3	0.9	6.8	3	1.5	5.7		
21	1	4.5	5.0	3	1.2	4.2	3	0.9	7.3	3	1.6	5.8		
22	1	3.2	4.5	3	1.3	4.8	3	1.1	7.2	3	1.3	6.2		
23	1	2.7	4.0	3	1.0	4.5	3	1.0	7.3	3	1.7	6.4		
0	1	3.5	4.7	3	1.0	4.5	3	1.0	7.0	3	1.2	6.1		
3	1	1.8	4.1	3	1.1	4.5	3	1.0	6.7	3	1.2	6.2		
6	1	1.8	4.0	3	1.8	4.5	3	0.8	6.3	3	1.2	5.4		
12	1	1.8	4.4	3	1.2	4.5	2	0.6	6.4	2	1.1	5.6		
18	1	1.4	4.5	3	1.0	4.5	...	...	...	2	1.0	5.1
0	1	1.3	4.5	3	1.0	4.5	...	...	...	2	0.7	5.2
6	1	0.5	4.0	3	0.5	4.5	2	0.5	6.1	2	0.7	5.4		
12	1	0.5	4.0	3	0.8	4.5	2	0.4	7.0	2	0.7	5.4		
18	1	1.3	4.2	1	0.9	4.5	3	0.5	7.2	2	0.7	5.2		
0	2	1.0	3.5	1	1.1	4.5	3	0.7	5.9	2	0.5	4.2		
3	2	1.0	3.5	1	1.5	4.5	...	...	...	2	0.7	4.5
6	2	1.0	3.3	1	1.6	4.5	...	...	...	2	0.8	5.3
9	2	1.1	3.0	1	1.3	4.5	...	...	...	3	0.8	6.7
12	1	3.0	4.1	1	1.3	4.5	...	...	...	3	1.0	6.6
15	1	5.8	5.0	...	...	...	...	...	...	3	0.9*	6.9
18	1	5.0	5.0	1	1.9	4.7	...	...	...	3	0.8	6.6
21	1	5.8	5.0	1	2.4	4.2	3	1.0	7.6	3	1.0	6.6		
0	1	7.4	5.0	1	2.2	4.5	3	0.9	7.0	3	1.5	6.9		
3	1	5.6	4.5	1	1.7	4.2	3	0.9	7.0	3	1.5	6.9		
6	1	5.1	4.5	1	2.0	4.6	3	0.9	7.0	3	1.5	6.9		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		9	1	5.8	4.8	1	1.9	4.6	3	0.8	6.9	3	1.4		6.7	Ottawa - Storm end. Halifax - Storm end.
12	1	4.0	4.3	1	1.9	4.7	3	1.0	6.2	2	0.8	5.6		
15	1	4.7	5.0	1	1.6	4.6	3	0.7	7.0	2	0.9	5.3		
18	1	3.5	4.7	3	1.4	4.6	3	0.8	6.8	3	0.8	6.1		
21	1	3.4	4.6	3	0.9	4.4	3	1.0	7.5	3	1.3	6.4		
0	1	2.8	4.6	3	0.6	4.0	3	0.8	7.1	3	1.0	6.6		
3	1	2.4	4.3	3	0.6	4.1	3	0.7	7.0	3	1.1	6.2		
6	1	1.9	4.3	3	0.6	4.5	3	0.8	6.6	2	0.7	5.8		
12	1	1.8	4.2	3	0.6	4.0	3	1.1	6.6	3	1.0	6.4		
15	1	1.7	4.4	3	0.5	4.0	3	1.1	6.9	3	1.6	7.1		
18	1	1.2	4.2	3	0.5	4.0	2	0.7	6.3	3	0.9	5.4		
0	1	1.1	4.3	3	0.7	4.0	2	0.8	6.5	3	1.4	6.8		
6	1	1.0	4.0	3	0.7	4.3	2	0.6	6.6	3	0.8	6.1		
12	1	1.0	4.0	3	0.6	4.4	2	0.7	6.5	3	0.8	6.1		
18	1	0.9	3.3	3	0.7	4.0	3	0.8	6.6	3	0.8	6.1		
0	1	1.0	3.6	3	0.7	4.1	2	0.7	6.5	3	1.4	6.8		
6	1	1.0	3.5	3	0.7	4.1	2	0.6	6.6	3	0.8	6.1		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
March	6	12	1	1.2	3.9	3	0.7	4.0	1	0.6	6.1	2	0.8	5.7	
	18	1	1.3	4.0	3	0.7	4.0	1	0.6	6.0	2	0.8	6.1		
7	0	1	1.2	3.9	3	0.6	4.0	1	0.7	6.2	2	0.8	6.8		
	6	1	0.6	3.2	3	0.6	4.0	3	0.6	6.5	2	0.6	5.0		
8	12	1	0.5	3.3	3	0.6	4.0	3	1.0	6.4	2	0.6	5.0		
	18	1	0.5	3.4	3	0.6	4.0	3	1.2	6.8	2	0.7	5.1		
9	0	1	0.5	3.4	1	1.8	6.0	3	1.4	7.0	3	1.7	6.8		
	6	1	0.9	4.0	1	2.6	7.0	3	1.4	7.2	3	1.9	6.4		
10	12	1	1.3	4.6	1	1.9	7.0	3	1.6	7.4	2	1.7	6.3		
	18	1	1.7	5.0	1	2.4	7.0	3	1.2	7.1	2	1.6	6.9		
11	0	1	1.2	4.3	1	2.1	7.0	3	1.1	7.0	2	1.5	7.1		
	6	1	0.7	4.0	3	1.0	5.0	...	...	...	2	1.3	7.1	
12	12	1	0.7	4.0	3	0.7	5.0	...	...	...	2	0.7	5.8	
	18	1	0.7	4.0	3	0.6	5.0	1	0.4	6.1	2	0.7	5.0		
13	0	1	0.5	3.0	3	0.8	6.0	1	0.4	6.1	2	0.6	5.5		
	6	1	0.6	3.2	3	0.5	5.0	1	0.3	5.9	2	0.5	5.5		
14	12	1	0.5	3.1	3	0.6	5.0	1	0.5	5.4	2	0.5	5.0		
	18	1	0.5	3.5	3	0.6	5.0	1	0.3	6.1	2	0.5	5.0		
15	0	1	0.3	3.0	3	0.2	4.0	1	0.3	5.8	3	0.6	6.0		
	6	1	0.2	3.0	2	0.5	5.0	1	0.3	5.6	3	0.7	6.0		
16	12	1	0.2	3.0	2	0.4	5.0	1	0.3	5.6	3	0.7	6.0		
	18	1	0.2	3.0	2	0.4	5.0	0,0	0,0	...	3	0.7	6.0		
17	0	1	0.2	3.0	2	0.5	5.0	3	0.3	7.0	3	0.6	6.0		
	6	1	0.2	3.0	2	0.5	5.0	3	0.4	7.4	3	0.7	6.0		
18	12	1	0.2	3.0	2	0.5	5.0	3	0.4	6.9	3	0.7	6.0		
	18	1	0.2	3.0	2	0.5	5.0	1	0.4	6.4	3	0.7	6.0		

I. G. Y MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March	13	0	0.2	3.0	2	0.5	5.0	1	0.4	5.8	3	0.6	6.0	
	6	1	0.2	3.0	2	0.5	5.0	1	0.4	6.0	3	0.7	6.0	
14	12	1	0.4	3.4	2	0.5	5.0	1	0.4	5.8	3	0.7	6.0	
	18	1	0.5	3.3	2	0.4	4.0	1	0.3	6.1	3	0.5	5.5	
15	0	1	0.4	3.0	2	0.4	4.0	1	0.4	6.0	3	0.7	6.0	
	6	1	0.8	3.5	2	0.4	4.0	1	0.3	5.9	3	0.7	6.0	
16	12	1	0.8	3.8	2	0.4	4.0	1	0.4	6.0	3	0.5	5.5	
	18	1	0.7	3.6	2	0.5	4.0	1	0.5	5.8	3	0.6	5.2	
17	0	1	0.9	4.0	1	0.9	4.0	3	0.6	6.4	3	0.6	5.0	Ottawa - Storm start.
	6	1	2.3	5.0	1	1.4	4.0	3	0.8	5.6	3	0.5	4.5	Halifax - Storm start.
18	12	1	3.3	4.8	1	0.9	4.8	3	0.9	6.0	3	0.4	4.5	
	15	1	3.1	4.5	...	...	...	3	0.9	6.0	3	0.7	5.8	
19	18	1	3.1	4.5	1	2.3	5.0	3	0.9	6.0	3	0.6	5.5	
	21	1	3.8	4.5	1	2.3	5.0	3	0.9	5.5	3	0.6	5.5	
20	0	1	8.5	5.5	1	2.2	4.8	3	1.1	5.6	3	0.6	5.5	
	3	1	7.5	5.5	1	2.2	4.8	3	1.0	5.5	3	0.7	6.0	
21	6	1	6.6	5.0	1	2.2	4.8	3	0.8	5.6	3	0.7	6.0	
	9	1	7.5	5.0	1	2.2	4.8	3	0.8	5.6	3	0.7	6.0	
22	12	1	8.3	5.0	1	2.3	5.0	3	0.8	5.6	3	0.6	5.8	
	15	1	10.6	5.5	...	...	...	3	0.8	5.6	3	0.6	5.8	
23	18	1	10.8	5.0	1	2.6	5.2	3	0.8	5.6	3	0.7	6.0	
	21	1	6.2	4.5	1	2.3	5.0	3	0.9	5.1	3	0.6	5.8	
24	0	1	6.6	5.0	1	2.3	5.0	2	0.9	5.5	3	0.6	5.8	
	3	1	5.7	4.5	1	2.0	5.0	2	0.9	5.5	3	0.6	5.8	
25	6	1	5.7	4.5	1	1.4	4.6	2	0.7	5.3	3	0.6	5.8	
	9	1	4.5	4.5	1	1.6	4.6	2	0.8	4.9	3	0.6	5.8	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March 17	12	1	4.9	4.7	1	1.6	4.6	2	0.7	5.4	3	0.6	5.8	
	15	1	4.0	4.3	1	1.6	4.5	2	0.5	5.2	3	0.6	5.5	
	18	1	2.7	4.0	1	1.1	4.6	2	0.5	4.9	3	0.6	5.5	
	21	1	3.2	4.3	1	1.0	4.0	2	0.4	5.4	3	0.6	5.5	
	0	1	2.3	4.1	1	0.9	4.0	2	0.5	5.3	3	0.6	5.5	
	3	1	2.4	3.9	1	0.9	4.0	2	0.5	5.0	3	0.6	5.5	
	6	1	2.3	4.0	1	1.1	4.0	2	0.4	5.2	3	0.6	5.5	
	9	1	2.3	4.0	1	0.9	3.8	2	0.4	5.4	3	0.6	5.5	
	12	1	2.3	4.0	...	...	...	2	0.4	5.3	3	0.6	5.5
15	1	1.8	4.0	1	0.9	4.0	2	0.4	5.5	3	0.5	5.0	Halifax - Storm end.	
18	1	1.4	4.0	1	0.7	4.0	2	0.4	5.4	3	0.5	5.0	Ottawa - Storm end.	
21	1	1.1	4.0	1	0.6	4.0	2	0.4	5.4	3	0.5	5.0		
0	1	1.1	4.0	1	0.5	4.0	
6	1	0.7	3.6	2	0.5	4.4	1	0.4	5.6	3	0.5	5.0		
12	1	0.6	3.8	...	...	...	1	0.2	5.7	3	0.5	5.0	
18	1	0.3	2.5	2	0.4	4.2	1	0.2	6.1	3	0.5	5.0		
0	1	0.3	3.0	2	0.5	4.5	1	0.3	5.4	3	0.6	5.0	International Period-start	
1	1	0.2	3.0	2	0.4	4.3	1	0.3	5.4	3	0.6	5.0	Victoria)	
2	2	0.4	4.3	Halifax, Ottawa) Quake
3	Resolute)
4	2	0.2	3.0	3.0	2	0.5	4.2	3	0.4	3.5	
5	1	0.4	4.0	4.0	2	0.4	3.9	3	0.4	3.5	
6	1	0.4	4.0	4.0	2	0.6	4.6	3	0.4	3.5	
7	1	0.4	4.0	4.0	2	0.5	4.5	1	0.3	5.6	3	0.4	3.5	
8	1	0.7	4.5	4.5	2	0.6	4.2	1	0.4	5.3	3	0.4	3.5	
9	1	0.8	5.0	5.0	2	0.6	4.6	1	0.3*	5.6	3	0.5	4.0	

I. G. Y. MICROSEISMIC BULLETIN



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
March 20	10	1	0.8	5.0	2	0.7	4.5	1	0.3	5.4	3	0.4	3.6	Ottawa - Storm start.	
	11	1	0.8	5.0	2	0.8	4.5	1	0.3	5.3	3	0.4	3.8		
	12	1	0.8	5.0	2	0.8	4.5	1	0.4	5.5	3	0.5	4.0		
	13	1	0.8	5.0	2	0.9	4.5	1	0.3	5.4	3	0.5	4.0		
	14	1	0.8	5.0	1	1.0	4.5	1	0.4	5.2	3	0.5	4.0		
	15	1	0.5	4.0	1	1.0	4.5	1	0.3	5.3	3	0.5	4.0		
	16	1	0.9	4.0	1	1.0	4.4	1	0.4	5.4	3	0.5	4.0		
	17	1	1.2	4.5	1	1.0	4.3	2	0.6	5.1	3	0.5	4.0		
	18	1	0.3	3.5	3.5	1	1.8	4.5	2	0.6	5.7	...	...		Victoria - no record
	19	1	0.6	4.5	4.5	1	2.0	5.0	2	0.6	5.7	...	...		Resolute - instrument stable.
	20	1	0.9	4.0	4.0	1	1.7	5.0	2	0.6	5.2	...	...		Halifax - Storm start.
	21	1	0.9	3.7	3.7	1	2.0	5.0	...	...	...	...	...
	22	1	2.1	5.5	5.5	1	2.2	5.4	...	...	...	...	...
	23	1	1.7	5.0	5.0	1	1.9	4.8	...	...	...	...	...
	0	1	2.5	5.0	5.0	1	2.4	5.2	...	...	...	...	...
	1	1	3.2	5.0	5.0	1	2.4	5.1	...	...	...	...	...
	2	1	3.3	5.0	5.0	1	2.7	5.2	...	...	...	...	...
	3	1	3.0	5.0	5.0	1	2.7	5.2	...	...	...	...	...
	4	1	4.3	5.5	5.5	1	3.0	5.2	...	...	...	...	...
	5	1	4.2	5.0	5.0	1	3.2	5.5	...	...	...	...	...
	6	1	5.2	6.0	6.0	1	4.0	5.7	...	...	...	...	...
	7	1	5.2	6.0	6.0	1	4.1	5.8	...	...	...	...	...
	8	1	5.2	6.0	6.0	1	5.0	6.0	...	...	...	...	...
9	1	4.7	5.5	5.5	1	4.7	5.7	...	...	...	...	...
10	1	6.3	6.0	6.0	1	4.0	6.0	...	...	...	...	...
11	1	4.7	5.5	5.5	1	3.2	5.5	...	...	...	...	...

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March 21	12	1	3.0	4.5	6.0	Resolute - Quake.
	13	1	2.5	4.4	1	4.0	6.0	...	...	...	...	...	...
	14	1	6.3	6.0	1	3.1	5.3	...	...	...	...	...	...
	15	1	4.5	5.5	1	3.0	5.2	...	...	...	...	...	...
	16	1	3.4	4.7	1	3.1	5.3	...	...	...	...	...	...
	17	1	3.1	4.7	1	2.9	5.0	3	1.1	5.9	3	1.4	5.1	
	18	1	3.4	4.7	1	2.9	5.0	3	1.0	5.8	3	1.5	5.3	
	19	1	2.8	4.5	1	2.9	5.0	3	1.1	5.6	3	1.1	5.1	
	20	1	2.5	4.3	1	2.9	5.0	3	0.8	5.6	3	1.3	5.4	
	21	1	2.4	4.0	1	2.9	5.0	3	0.7	5.6	3	1.6	5.2	
	22	1	2.5	4.2	1	2.9	5.0	3	0.7	5.5	3	1.9	5.5	
	23	1	2.0	4.0	1	3.0	5.1	3	0.7	5.4	3	1.7	5.6	
	0	1	2.6	4.0	1	2.4	4.6	3	0.7	5.3	3	1.6	5.2	
1	1	2.2	4.1	1	2.1	4.6	3	0.7	5.3	3	1.5	5.1		
2	1	2.6	4.6	1	1.6	4.5	3	0.5	5.4	3	1.7	6.1		
3	1	2.6	4.3	1	1.9	4.6	3	0.7	5.5	3	1.0	5.6		
4	1	2.0	4.0	1	1.9	4.6	3	0.6	5.6	3	1.4	5.7		
5	1	1.9	4.0	1	2.0	4.5	3	0.5	5.6	3	1.4	5.7		
6	1	2.2	4.0	1	1.8	4.1	3	0.5	5.9	3	1.3	5.2		
7	1	2.3	4.0	1	1.7	4.0	3	0.5	5.7	3	1.3	5.3		
8	1	2.5	4.2	1	1.4	4.0	3	0.5	5.6	3	1.5	5.5		
9	1	2.9	4.4	1	1.3	3.8	3	0.6	5.7	3	1.2	5.0		
10	1	3.4	4.5	1	1.4	4.0	3	0.5	6.1	3	1.7	6.2		
11	1	4.0	4.6	...	...	...	...	...	...	...	...	...	...
12	1	3.8	4.6	...	...	...	...	...	...	...	...	...	...
13	1	2.7	4.2	...	...	...	...	0.6	5.9	3	1.5	5.6	...

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March 22	14	1	4.0	4.7	3	0.5	5.6	3	2.3	6.0	Resolute - Quake.
	15	1	3.2	4.3	...	...	...	3	0.5	5.6	3	1.4	5.1
	16	1	2.0	3.5	...	...	...	3	0.5	5.7	3	1.5	5.7
	17	1	3.1	3.8	1	1.1	4.0	3	0.5	6.0	2	0.5	4.7	
	18	1	2.7	3.7	1	1.1	4.0	3	0.6	6.4	3	0.6	5.0	
	19	1	2.8	3.8	1	1.1	4.0	3	0.5	5.8	2	0.8	5.4	
	20	1	2.1	3.5	1	1.1	4.0	3	0.5	5.8	2	0.6	4.4	
	21	1	2.0	3.5	1	1.1	4.0	3	0.5	5.6	2	0.6	5.1	
	22	1	2.4	3.8	1	1.1	4.0	3	0.6	5.4	2	0.6	4.8	
	23	1	3.0	4.1	1	1.2	4.3	3	0.6	5.6	2	0.6	4.6	
	0	1	3.2	4.5	1	1.1	4.0	3	0.6	5.8	2	0.7	4.9	
	1	1	2.5	4.1	1	1.1	4.0	1	0.5	6.0	3	0.8	5.0	
	2	1	3.8	4.8	1	1.0	4.3	1	0.5	5.8	3	1.0	6.0	
	3	1	2.5	4.1	1	1.0	4.4	1	0.5	5.5	3	0.8	5.0	
	4	1	2.1	4.6	1	1.0	4.3	1	0.6	5.8	3	0.7	5.0	
5	1	1.9	4.3	1	1.0	4.2	1	0.5	5.4	3	0.6	5.0		
6	1	2.3	4.7	1	0.9	4.0	1	0.6	5.6	3	0.7	4.9		
7	1	3.0	4.9	1	1.0	4.2	1	0.5	5.6	3	0.7	5.0		
8	1	3.2	4.8	1	0.9	4.0	1	0.5	5.5	3	0.7	4.5		
9	1	2.8	4.5	1	0.9	4.0	1	0.6	5.3	3	0.8	6.0		
10	1	2.4	4.4	1	0.9	4.0	1	0.5	5.6	3	0.7	5.0		
11	1	4.0	5.0	1	0.9	4.0	...	...	...	...	...	...	...
12	1	2.4	4.4	1	1.0	4.2	1	0.5	5.6	3	0.7	5.0	...	
13	1	2.5	4.5	1	0.9	4.1	1	0.5	5.6	3	0.7	5.0	...	
14	1	2.6	4.5	1	0.9	4.1	1	0.5	5.5	3	0.6	5.0	...	
15	1	2.3	4.1	...	...	...	1	0.6	5.3	3	0.7	5.0	...

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March	23	1	2.8	4.6	Resolute - instrument stable. Ottawa - Storm end. Ottawa - no record.
	17	1	2.6	4.5	...	...	...	...	...	...	...	...	...
	18	1	2.5	4.5	...	0.9	4.1	...	0.5	5.6	3	0.6	5.0	
	19	1	2.5	4.5	...	0.8	4.0	...	0.5	5.4	3	0.5	5.0	
	20	1	2.5	4.5	...	0.9	4.1	...	0.5	5.5	3	0.5	4.5	
	21	1	2.5	4.5	...	1.0	4.4	...	0.7	5.5	3	0.5	4.5	
	22	1	2.5	4.5	...	1.0	4.4	...	0.6	5.6	3	0.5	5.0	
	23	1	2.5	4.5	...	1.1	4.8	...	0.5	5.5	3	0.5	5.0	
	0	1	1.8	4.0	...	1.1	4.8	...	0.5	5.6	3	0.4	4.5	
	1	1	3.1	4.5	...	1.1	4.7	...	0.6	5.3	3	0.5	5.0	
	2	1	3.1	4.5	...	1.1	4.6	...	0.5	5.2	3	0.5	5.0	
	3	1	3.1	4.5	...	0.9	4.6	...	0.5	5.4	3	0.5	5.0	
	4	1	3.1	4.5	...	0.7	4.0	...	0.5	5.7	3	0.5	4.8	
	5	1	3.1	4.5	...	0.7	4.0	...	0.5	5.3	3	0.5	4.8	
	6	1	3.1	4.5	...	0.8	4.0	...	0.5	5.3	3	0.5	5.0	
	7	1	2.9	4.0	...	0.8	4.0	...	0.5	5.4	3	0.5	5.0	
	8	1	2.3	4.0	...	0.8	4.0	...	0.5	5.4	3	0.5	4.8	
9	1	3.1	4.5	...	0.9	4.0	...	0.5	5.4	3	0.5	4.0		
10	1	3.1	4.5	...	1.1	4.2	...	0.4	5.1	3	0.4	4.5		
11	1	3.1	4.5	...	1.1	4.0	...	0.4	5.8	3	0.4	4.5		
12	1	3.1	4.5	...	0.9	4.0	...	0.4	5.8	3	0.4	4.5		
13	1	2.5	4.5	...	0.8	4.1	...	0.4	5.7	3	0.4	4.0		
14	1	2.5	4.5	...	0.8	4.0	...	0.4	5.3	3	0.7	5.0		
15	1	2.3	4.5	...	0.7	4.0	...	0.4	5.8	3	0.6	5.1		
16	1	1.9	4.5	...	0.7	4.0	...	0.4	5.8	3	0.6	5.1		
17	1	2.5	4.5	...	...	...	...	0.5*	5.4	3	0.5	5.0	



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March	24	1	1.6	4.2	Halifax - Storm end. Resolute - instrument stable Resolute - instrument stable
	19	1	1.6	4.5	...	...	...	...	...	...	...	...	...
	20	1	1.4	4.0	...	...	...	...	0.4	5.7	3	0.7	5.0
	21	1	0.6	3.1	...	...	...	...	0.4	5.9	3	0.6	4.0
	22	1	1.0	3.6	...	...	...	...	0.4	6.5	3	0.5	5.0
	23	1	0.9	3.6	...	...	...	...	0.4	6.2	3	0.9	6.0
	0	1	0.6	3.0	...	...	...	...	...	...	3	0.5	5.0
	1	1	0.5	3.0	...	...	...	...	...	...	3	0.5	5.0
	2	1	0.6	3.5	...	...	...	...	...	...	3	0.6	5.0
	3	1	0.6	3.5	...	...	...	...	...	...	3	0.5	5.0
	4	1	1.0	3.5	...	...	...	...	...	...	3	0.6	5.0
	5	1	0.6	3.5	...	...	...	...	...	...	3	0.6	5.0
	6	1	0.6	3.5	...	...	...	...	...	...	3	0.6	5.0
	7	1	0.5	4.0	...	...	...	...	0.4	5.6	3	0.5	4.8
	8	2	0.5	4.0	...	...	...	...	0.4	5.9	3	0.6	5.0
	9	2	0.5	4.0	...	...	...	...	...	...	3	0.5	4.8
	10	2	0.5	4.0	...	...	...	...	...	...	3	0.5	4.8
	11	2	0.5	4.0	...	...	...	...	...	...	3	0.7	5.0
	12	2	0.3	3.5	...	...	...	...	...	...	3	0.7	5.0
13	2	0.3	3.5	...	...	...	...	...	...	3	0.6	5.0	
14	2	0.3	3.5	...	...	...	...	...	...	3	0.6	5.0	
15	2	0.3	3.5	...	...	...	...	...	...	3	0.5	5.0	
16	2	0.3	3.5	...	3	1.1	6.0	...	...	3	0.5	4.8	
17	2	0.3	3.5	...	3	1.1	6.0	...	...	3	0.5	4.5	
18	2	0.3	3.5	...	3	1.1	6.5	...	...	3	0.5	4.5	
19	2	0.3	3.5	...	3	1.1	6.2	...	...	3	0.5	4.8	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March	25	2	0.3	3.5	3	1.0	6.2	...	0.4	6.0	3	0.6	5.0	
	21	2	0.3	3.5	3	1.0	6.4	1	0.3	6.3	3	0.5	5.0	
26	22	2	0.3	3.5	3	1.1	6.5	1	0.3	6.3	3	0.5	5.0	
	23	2	0.3	3.5	3	1.1	6.3	1	0.4	6.3	3	0.5	4.8	
	0	2	0.3	3.5	3	1.1	6.4	1	0.3	6.3	3	0.5	4.8	
	1	2	0.3	3.5	3	1.2	6.4	1	0.3	6.0	3	0.4	4.8	
	2	2	0.3	3.5	3	0.9	5.6	1	0.3	6.2	3	0.3	4.5	
	3	2	0.3	3.5	3	0.9	6.0	1	0.3	6.1	3	0.3	4.5	
	4	2	0.3	3.5	3	1.3	6.2	1	0.4	5.9	3	0.3	4.8	
	5	2	0.3	3.5	3	1.0	6.0	1	0.3	6.1	3	0.3	4.8	
	6	2	0.3	3.5	3	1.3	6.3	1	0.3	6.4	3	0.2	4.8	
	7	2	0.3	3.5	3	1.0	6.1	1	0.3	6.3	3	0.2	4.5	
	8	2	0.3	3.5	3	1.0	6.0	1	0.3	6.0	3	0.2	4.5	
	9	2	0.3	3.5	3	0.8	6.0	1	0.3	6.0	3	0.2	4.5	
	10	2	0.3	3.5	3	1.1	6.0	1	0.3	6.0	3	0.3	4.5	
	11	2	0.3	3.5	3	0.8	6.0	1	0.3	6.0	3	0.4	4.5	
	12	2	0.3	3.5	3	0.8	6.0	1	0.4	5.8	3	0.4	4.5	
13	2	0.3	3.5	3	1.1	6.0	1	0.3	6.3	3	0.4	4.5		
14	2	0.3	3.5	3	0.6	4.0	1	0.3	5.8	3	0.4	4.5		
15	2	0.3	3.5	3	0.6	4.0	1	0.3	6.1	3	0.4	4.5		
16	2	0.3	3.5	3	0.7	4.0	...	...	...	3	0.4	4.5		
17	1	0.4	4.0	3	0.5	4.0	1	0.3	5.9	3	0.4	4.5		
18	...	...	...	3	0.7	4.0	1	0.3	6.4	3	0.4	4.5		
19	1	0.4	4.0	3	0.8	4.3	1	0.4	5.7	3	0.4	4.5		
20	1	0.4	4.0	3	0.8	4.3	1	0.3	6.8	3	0.5	4.8		
21	1	0.4	4.0	3	0.8	4.3	1	0.3	5.5	3	0.5	4.5		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March	26	1	0.3	3.5	3	0.8	4.3	1	0.3	5.4	3	0.5	4.5	
	23	1	0.3	3.5	3	0.9	4.1	1	0.4	5.5	3	0.5	5.0	
27	0	1	0.7	4.5	3	1.0	4.3	1	0.3	5.7	3	0.5	5.0	
	1	1	0.6	4.5	3	0.8	4.1	1	0.3	5.2	3	0.5	5.0	
	2	1	0.6	4.5	3	0.9	4.5	1	0.3	6.0	3	0.5	5.0	
	3	1	0.6	4.5	3	0.9	4.5	1	0.4	5.8	3	0.5	5.0	
	4	1	0.6	4.5	3	1.0	4.4	1	0.4	5.4	3	0.5	5.0	
	5	1	0.6	4.5	3	0.9	4.5	1	0.3	5.5	3	0.5	5.0	
	6	1	0.6	4.5	3	0.7	4.2	1	0.3	5.6	3	0.5	5.0	
	7	1	0.6	4.0	3	0.8	4.5	...	...	...	3	0.5	5.0	
	8	1	0.4	4.0	3	0.9	5.0	1	0.3	5.3	3	0.5	5.0	
	9	1	0.5	4.0	3	0.8	4.3	1	0.3	5.2	3	0.5	5.0	
	10	1	0.7	4.0	3	0.9	4.5	1	0.4	5.4	3	0.5	5.0	
	11	1	0.7	4.0	...	...	...	1	0.3	5.4	3	0.5	5.0	
	12	1	0.7	4.0	...	...	...	1	0.4	5.4	3	0.5	5.0	
	13	1	0.9	4.0	...	...	...	1	0.4	5.4	3	0.5	5.0	
	14	1	0.9	4.0	3	0.9	4.6	1	0.4	5.4	3	0.5	5.0	
15	1	0.9	4.0	3	1.1	4.6	1	0.4	5.1	3	0.5	5.0		
16	1	0.9	4.0	3	1.0	4.5	...	0.3	5.1	3	0.5	5.0		
17	1	0.9	4.0	3	1.0	4.5	...	0.4	5.0	3	0.4	5.0		
18	...	...	...	3	1.0	4.5	1	0.4	5.0	3	0.4	4.8		
19	1	1.1	4.0	3	1.0	4.5	1	0.4	5.2	3	0.4	4.8		
20	1	0.5	3.0	3	0.9	4.0	1	0.4	5.3	3	0.4	5.0		
21	1	0.7	3.0	3	1.0	4.3	1	0.4	5.4	3	0.5	5.0		
22	1	0.7	3.0	3	1.1	4.6	1	0.3	5.3	3	0.5	5.0		
23	1	0.7	3.0	3	1.2	4.6	1	0.3	4.8	3	0.4	4.8		
					1.1	4.2	1	0.4	5.5	3	0.5	4.8		

Ottawa - crossed traces

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March 28	0	1	0.7	3.0	3	0.9	4.0	1	0.4	5.4	3	0.5	4.8	
	1	1	0.6	3.0	3	0.9	4.0	1	0.4	5.3	3	0.5	5.0	
	2	1	0.6	3.0	3	0.8	4.1	1	0.5	5.0	3	0.5	4.8	
	3	1	0.5	3.0	3	0.7	4.0	1	0.4	5.0	3	0.5	4.5	
	4	1	0.8	3.5	3	0.8	4.1	1	0.4	5.1	3	0.5	4.5	
	5	1	0.8	3.5	3	0.9	4.0	1	0.5	5.2	3	0.5	4.5	
	6	1	0.8	3.0	3	1.0	4.3	1	0.4	5.1	3	0.5	5.0	
	7	1	0.7	3.0	3	0.8	4.1	1	0.4	5.6	3	0.5	5.0	
	8	1	0.8	3.3	3	1.0	4.3	1	0.4	5.4	3	0.5	5.0	
	9	2	0.7	3.0	3	1.1	4.4	1	0.4	5.8	3	0.5	5.0	
	10	2	0.9	3.0	3	1.0	4.4	1	0.4	5.9	3	0.4	5.0	
	11	2	1.3	3.5	3	1.0	4.3	1	0.5	5.3	3	0.4	4.5	
	12	2	1.2	4.0	...	...	...	...	0.4	5.9	3	0.4	4.5
	13	2	2.5	5.0	...	...	...	...	0.4	5.8	3	0.4	4.5
	14	2	1.1	3.3	1	1.2	5.0	1	0.4	5.8	3	0.4	4.5	
	15	2	0.5	2.5	1	1.4	5.0	1	0.5	5.7	3	0.4	4.5	
	16	2	0.5	2.5	1	1.5	5.1	...	0.5	5.9	3	0.4	4.5	
	17	2	0.5	2.5	1	2.6	6.1	1	0.6	5.9	3	0.4	4.8	
	18	2	0.9	3.0	1	1.8	5.2	1	0.5	5.9	3	0.5	5.0	
	19	2	0.7	3.0	1	1.4	5.0	1	0.5	6.5	3	0.6	5.0	
	20	2	0.7	3.0	1	1.6	5.1	1	0.6	6.0	3	0.6	5.0	
	21	2	1.3	3.5	1	1.8	6.0	1	0.5	5.8	3	0.6	5.0	
	22	2	1.8	4.0	1	1.9	6.0	1	0.6	5.9	3	0.6	5.0	
23	2	1.0	3.5	1	2.2	6.0	1	0.6	6.0	3	0.6	5.0		
0	1	1.4	4.0	1	1.9	6.0	1	0.6	6.0	3	0.6	5.0		
1	1	0.6	2.5	3	1.9	6.0	1	0.6	6.2	3	0.5	5.0		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
March 29	2	1	1.0	3.5	3	1.8	6.0	1	0.5	6.0	3	0.6	5.0	
	3	1	0.7	3.0	3	1.5	6.0	1	0.6	5.9	3	0.6	5.0	
	4	1	0.7	3.0	3	1.4	5.8	1	0.4	6.4	3	0.6	5.0	
	5	1	0.7	3.0	3	1.4	5.9	1	0.4	6.1	3	0.6	5.0	
	6	1	0.7	3.0	3	1.5	6.0	1	0.5	5.8	3	0.6	5.0	
	7	1	0.9	3.0	3	1.4	6.0	1	0.4	6.2	3	0.6	4.8	
	8	1	1.1	3.0	3	1.4	6.0	1	0.4	6.1	3	0.5	4.8	
	9	1	1.1	4.0	...	...	...	1	0.4	6.2	3	0.5	4.8
	10	1	1.1	4.0	...	...	...	1	0.4	6.1	3	0.5	4.8
	11	1	0.5	2.5	...	...	...	1	0.5	6.0	3	0.5	5.0
	12	1	0.5	2.6	...	...	...	1	0.5	6.3	3	0.5	5.0
	13	1	0.4	2.5	...	...	...	1	0.5	6.1	3	0.5	5.0
	14	1	0.4	2.5	...	...	...	1	0.4	6.2	3	0.5	5.0
	15	1	0.4	2.5	2	1.0	5.6	1	0.4	6.0	3	0.5	5.0	
	16	1	0.4	2.5	2	0.6	5.6	...	0.4	6.1	3	0.5	5.0	
	17	1	0.4	2.5	2	0.6	5.4	1	0.4	6.0	2	0.5	5.0	
	18	1	0.4	2.5	2	0.6	5.0	1	0.4	6.0	2	0.6	5.0	
	19	1	0.4	2.5	2	0.6	5.0	1	0.4	6.2	2	0.5	5.0	
	20	1	0.4	2.5	2	0.6	5.0	1	0.3	6.1	2	0.6	5.0	
	21	1	0.3	2.5	2	0.6	5.0	1	0.4	6.4	2	0.5	5.0	
	22	1	0.3	2.5	2	0.6	5.0	1	0.4	6.0	2	0.9	5.0	
	23	1	0.3	2.5	2	0.7	5.0	1	0.4	6.4	2	0.6	4.5	
	0	1	0.4	3.0	2	0.6	5.0	1	0.4	5.9	2	0.8	5.0	
6	2	0.3	3.0	2	0.6	5.0	1	0.3	6.0	2	1.0	5.0		
12	2	0.1	2.0	2	0.6	5.0	1	0.3	6.0	2	1.0	5.0		
18	2	0.3	2.5	2	0.6	5.0	1	0.3	6.0	2	1.2	5.0		

International period-end

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		0	2	0.2	2.5	2	0.6	5.0	1	0.3	6.4	2	1.3		5.0
6	2	0.2	2.5	2	0.7	6.0	1	0.3	6.1	2	1.3	5.0		
12	2	0.2	3.0	2	0.6	5.2	1	0.4	5.8	2	0.9	5.0		
18	...			2	0.6	5.0	1	0.5	5.7	2	1.0	5.0		



Canada

Seismological Bulletin

*Seismological Service
of Canada*

**April-June
1958**

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1959

*Dominion Observatory,
Department of Mines and
Technical Surveys, Ottawa*

SEISMOLOGICAL BULLETIN

April - June - 1958

NOTES

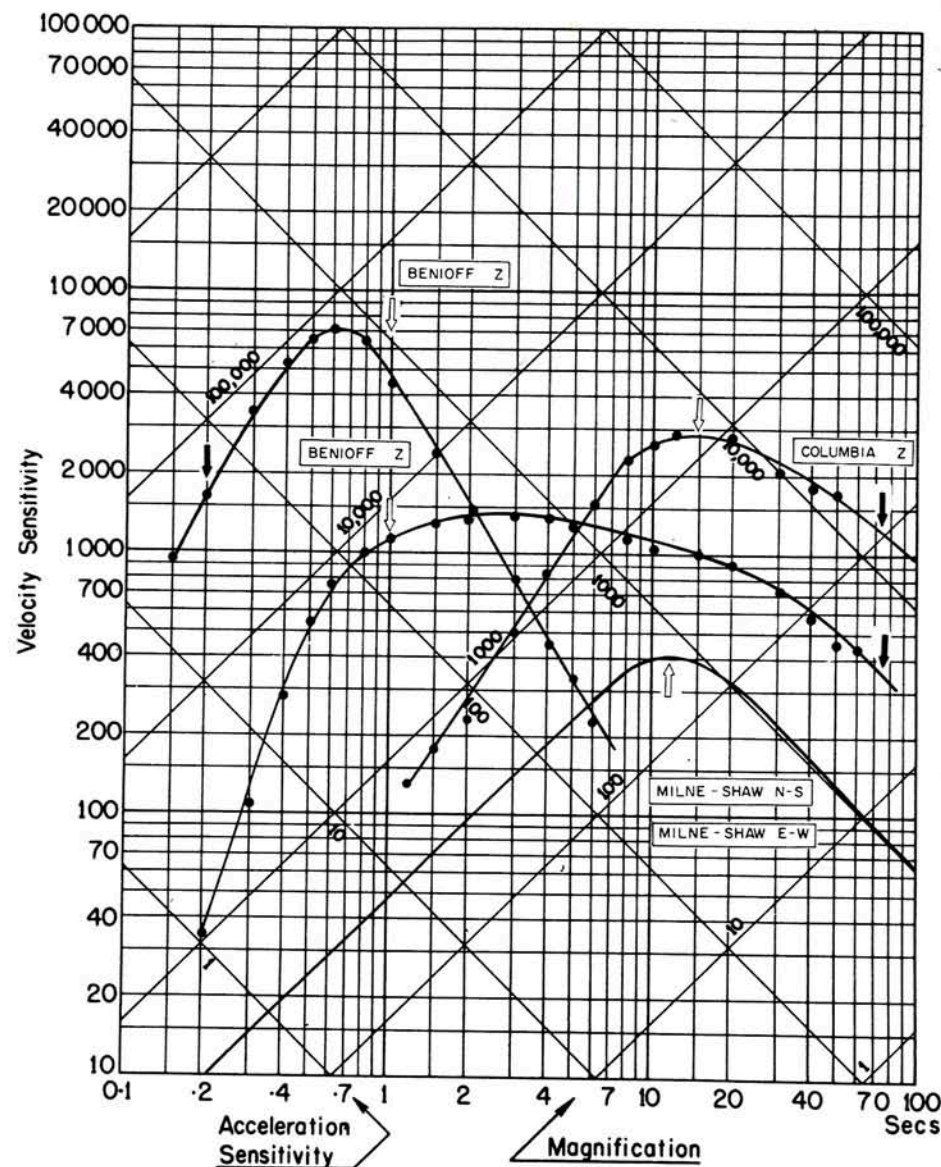
1. I. G. Y. microseismic data starting page 149.
2. As listed in January - March, 1958, Seismological Bulletin, the Ottawa short-period and long-period vertical Benioff were recalibrated on May 28, 1958.
3. For Seven Falls about one-third of the radio time checks for the quarter were not received. The time readings are interpolated to cover the gaps, but the maximum error would not exceed 10 secs.
4. Calibration curves for Ottawa may be found on page 96.

SEISMOLOGICAL BULLETIN - 1958

APRIL - JUNE

CALIBRATION CURVES

STATION: OTTAWA



$\phi = 45^{\circ} 23' 38'' N$ $\lambda = 75^{\circ} 42' 57'' W$ Altitude 83M

Foundation: Boulder clay on limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: May 28, 1958
(see notes)

<p>APRIL 1 U. S. C. G. S. 39 1/2N, 141 1/2E Northern Honshu, Japan H = 14 07 12 Banff eP 14 18 11 c Ottawa eP 14 20 10 Resolute iP 14 17 24 c i 14 17 43 eL 14 38 - Victoria iP 14 17 54 c,W</p>	<p>APRIL 2 Alberni i 10 12 19.0 i 10 12 22.4 Horseshoe Bay e 10 12 31.7 e 10 12 50.1 Victoria e 10 12 28.5 e 10 12 45.3 Local shock</p> <p>APRIL 2 Resolute eP 11 26 05 e 11 33 53</p> <p>APRIL 2 Resolute eP 14 25 48 c</p> <p>APRIL 3 Resolute iP 01 42 41 c</p> <p>APRIL 3 U. S. C. G. S. 41N, 20 1/2E Albania H = 02 23 43 Horseshoe Bay eP 02 36 15 Ottawa eP 02 34 24 Resolute iP 02 33 28 c eS 02 41 20 eL 02 47.5 Shawinigan Falls eP 02 34 14 d Victoria eP 02 36 20</p> <p>APRIL 2 Alberni i 10 02 53.8 i 10 03 00.2 Local shock</p>	<p>APRIL 3 U. S. C. G. S. 35N, 27 1/2E Near Crete H = 07 18 34 Ottawa iP 07 30 14 d Resolute iP 07 29 11 c Shawinigan Falls iP 07 30 00</p> <p>APRIL 3 U. S. C. G. S. 1 1/2N, 79W Near coast of Ecuador H = 08 25 43 Banff eP 08 35 40 Horseshoe Bay eP 08 35 58 Ottawa eP 08 33 54 Resolute iP 08 37 19 c Shawinigan Falls eP 08 34 06 Victoria eP 08 35 52</p> <p>APRIL 4 U. S. C. G. S. 24S, 179 1/2E South of Fiji Islands H = 01 55 41 h = 550 km Ottawa iP' 02 13 27 d Resolute eP' 02 13 16 c</p> <p>APRIL 4 Resolute eP 03 31 04 c</p>
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DOMINION OBSERVATORIES

APRIL 4 Resolute eP 04 14 02	APRIL 4 Resolute eP 13 56 29 c e 14 00 23	Victoria e 05 58 02.8 e 05 59 10.0 Local shock
APRIL 4 Resolute eP 05 53 13	APRIL 4 U. S. C. G. S. 5 1/2S, 152E New Britain H = 15 38 03 Banff eP 15 51 32 Resolute eP 15 51 56 d	APRIL 6 U. S. C. G. S. 13N, 144 1/2E Mariana Islands H = 10 36 30 Resolute eP 10 49 11 d iP 10 49 12 c
APRIL 4 U. S. C. G. S. 5 1/2S, 152E New Britain Island region H = 07 16 55 Banff eP 07 30 26 Horseshoe Bay eP 07 30 01 d Ottawa eP' 07 35 54 Resolute eP 07 30 48 d PP 07 35 13 Seven Falls eP' 07 35 58 Shawinigan Falls eP' 07 35 56	APRIL 4 Resolute eP 19 47 20 e 19 51 34 e 19 55 32	APRIL 6 Resolute eP 13 34 00 d iP 13 34 01 c
APRIL 4 U. S. C. G. S. 5 1/2S, 152E New Britain H = 07 29 55 Banff eP 07 43 24 Horseshoe Bay eP 07 43 00 Resolute eP 07 43 47	APRIL 5 U. S. C. G. S. 51 1/2N, 180W Andreanof Islands, Aleutian Islands H = 05 10 59 Resolute eP 05 18 38 c e 05 32 32 e 05 35 30	APRIL 6 Resolute eP 16 04 37
APRIL 4 U. S. C. G. S. 5 1/2S, 152E New Britain H = 07 29 55 Banff eP 07 43 24 Horseshoe Bay eP 07 43 00 Resolute eP 07 43 47	APRIL 5 Resolute eP 22 03 20 eP 22 03 25 d	APRIL 7 U. S. C. G. S. Sandwich Islands H = 03 28 52 Resolute eP 03 48 01 eP' 03 48 14 d e 03 51 33 e 04 00 24
APRIL 4 U. S. C. G. S. Albania aftershock H = 09 18 49 Resolute eP 09 28 35 c	APRIL 6 Alberni e 05 58 04.2 e 06 00 08.5 Horseshoe Bay e 05 58 13.8 e 05 59 28.4	APRIL 7 Resolute eP 04 59 49



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APRIL 7 Resolute eP 06 42 30	eP _c P 15 40 33 iPP 15 41 55 iS 15 47 03 Horseshoe Bay eP 15 35 55d,W,N eS 15 40 27 eL 15 43.1 Ottawa iP 15 39 06 d PP 15 40 57 S 15 45 53 S _c S 15 49 14 Resolute eP 15 35 25 iP 15 35 27 c Saskatoon eP 15 36 34 eS 15 41 29 Seven Falls eP 15 39 11 PP 15 40 57 i 15 41 06 PPP 15 41 44 S 15 46 01 S _c S 15 48 26 SS 15 49 11 Shawinigan Falls eP 15 39 06 PP 15 40 54 S 15 45 55 SS 15 49 27 Victoria eP 15 36 01S,E eS 15 40 30 eL 15 42.6	Banff eP 18 15 59 Horseshoe Bay eP 18 15 40 Ottawa eP 18 18 05 Resolute eP 18 15 16 c iP 18 15 17 d iS 18 23 32 iS _c S 18 25 08 iSS 18 27 36 Saskatoon eP 18 16 37 eS 18 25 41 Seven Falls eP 18 18 13 S 18 28 46 L 18 41.4 Shawinigan Falls iP 18 18 05 d Victoria eP 18 15 44
APRIL 7 46°09'N, 75°10'W Near St. Remi d'Amherst Lake, Quebec H = 07 42 05 Mag. = 2.6 Jean-de-Brebeuf i 07 42 30.5 iS ₁ 07 42 43 D = 135 km Ottawa iP ₁ 07 42 20.5 i 07 42 23 iS ₁ 07 42 32 D = 97 km Seven Falls iS ₁ 07 43 48 D = 365 km Shawinigan Falls i 07 42 41.1 iS ₁ 07 43 01 D = 195 km	APRIL 7 U. S. C. G. S. 66 1/2N, 157W Alaska H = 15 30 38 Mag. = 7 Alberni eP 15 35 52 c iS 15 40 11 Banff iP 15 36 09 d iS 15 40 47 Halifax iP 15 39 46 c i 15 39 52 d i 15 39 57	APRIL 7 U. S. C. G. S. 38N, 142 1/2E Honshu aftershock H = 18 36 37 Resolute iP 18 46 54 c iS 18 54 58
APRIL 7 Resolute eP 11 52 13	APRIL 7 U. S. C. G. S. 38N, 142 1/2E Honshu aftershock H = 18 36 37 Resolute iP 18 40 28 c	APRIL 7 U. S. C. G. S. 38N, 142 1/2E Honshu aftershock H = 18 36 37 Resolute iP 18 40 28 c
APRIL 7 U. S. C. G. S. 66 1/2N, 157W Alaska H = 15 30 38 Mag. = 7 Alberni eP 15 35 52 c iS 15 40 11 Banff iP 15 36 09 d iS 15 40 47 Halifax iP 15 39 46 c i 15 39 52 d i 15 39 57	APRIL 7 U. S. C. G. S. 38N, 142 1/2E Honshu aftershock H = 18 36 37 Resolute iP 18 46 54 c iS 18 54 58	APRIL 7 U. S. C. G. S. 38N, 143E Honshu aftershock H = 18 38 18 Resolute iP 18 48 34 c

DOMINION OBSERVATORIES

APRIL 7 U. S. C. G. S. 38N, 143E Honshu aftershock H = 18 47 11 Resolute iP 18 57 28 c iS 19 05 28	APRIL 7 Resolute eP 22 45 52	APRIL 8 Resolute eP 03 08 49
APRIL 7 Resolute iP 18 59 57 c	APRIL 7 Resolute eP 23 21 20	APRIL 8 Resolute eP 04 06 14 eS 04 10 04
APRIL 7 Resolute eP 19 20 12	APRIL 8 U. S. C. G. S. 66 1/2N, 155 1/2W Alaska H = 00 14 20 Alberni eP 00 19 29 Banff eP 00 19 44 Halifax eL 00 38.2 Horseshoe Bay eP 00 19 29 Ottawa eP 00 22 40 L 00 38.2 Resolute eP 00 19 03 c e 00 23 00 Shawinigan Falls eP 00 22 43 d Victoria eP 00 19 40 c,S,W eS 00 24 07 eL 00 26.5	APRIL 8 U. S. C. G. S. 7N, 73W Colombia H = 04 35 21 Banff eP 04 06 54 Ottawa eP 04 42 47 Resolute eP 04 46 27 c Shawinigan Falls eP 04 43 17
APRIL 7 U. S. C. G. S. 45N, 98E Outer Mongolia H = 19 13 20 Banff eP 19 25 31 Horseshoe Bay eP 19 25 29 Resolute iP 19 23 31 c iS 19 31 44 iSSS 19 38 56 Victoria eP 19 25 35	APRIL 8 Alberni i 05 16 01.6 i 05 16 08.8 Local shock	APRIL 8 Alberni i 05 18 02.7 i 05 18 09.0 Local shock
APRIL 7 Resolute eP 19 54 45	APRIL 8 Resolute eP 01 05 38	APRIL 8 U. S. C. G. S. 38N, 142 1/2E Off coast of Honshu, Japan H = 07 10 45 Resolute eP 07 20 18 iP 07 20 55 c pPP 07 23 47
APRIL 7 Resolute eP 22 34 19	APRIL 8 Resolute eP 01 49 04	

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APRIL 8 Resolute eP 07 48 34 e 07 51 21	APRIL 8 Resolute eP 15 36 49 c	APRIL 9 U. S. C. G. S. 56 1/2N, 139W Gulf of Alaska H = 06 15 12 Alberni eP 06 17 54 Banff eP 06 18 43 c Halifax e 06 27 02 eS 06 30 37 eSS 06 34.0 eL 06 37.0 Horseshoe Bay eP 06 18 02 c,S,E eS 06 21 07 Ottawa iP 06 22 51 d eL 06 35.9 Resolute iP 06 20 40 d eS 06 25 08 eL 06 27.3 Saskatoon eP 06 19 37 eS 06 23 13 Seven Falls eP 06 23 04 d S 06 29 25 SS 06 32 32 Shawinigan Falls iP 06 22 58 d eL 06 36.1 Victoria iP 06 18 11 C,S eS 06 21 15 iL 06 22.6
APRIL 8 U. S. C. G. S. 33N, 67 1/2E Afghanistan H = 09 59 15 Banff eP 10 25 15 Resolute eP 10 10 41 SS 10 25 05 eL 10 28.5	APRIL 8 Resolute eP 15 49 45	APRIL 8 Resolute eP 19 00 26
APRIL 8 Resolute iP 10 29 23 c	APRIL 8 Resolute eP 19 57 56 e 19 58 46 e 20 01 49	APRIL 8 Resolute eP 20 04 38 e 20 05 23
APRIL 8 Resolute eP 10 41 36	APRIL 9 Resolute eP 02 08 27	APRIL 9 Resolute eP 02 11 43
APRIL 8 U. S. C. G. S. Fox Islands, Aleutian Islands H = 14 05 28 Banff eP 14 11 58 Resolute eP 14 12 15 eS 14 18 35 eL 14 23.5	APRIL 9 U. S. C. G. S. 29N, 52E Southwestern Iran H = 04 36 29 Resolute iP 04 48 10 c e 04 49 09 e 05 07 40 Shawinigan Falls eP 04 49 33	APRIL 9 Resolute eP 09 17 52
APRIL 8 Resolute iP 14 14 28 d	APRIL 9 Resolute eP 10 33 27	

DOMINION OBSERVATORIES

APRIL 9 Resolute eP 12 24 15	APRIL 10 U. S. C. G. S. 53N, 160 1/2E Near east coast of Kamchatka H = 01 44 34 Resolute eP 01 52 37 c PP 01 54 25 eS 01 59 09 eL 02 02.3	APRIL 10 Ottawa eP 11 35 44 d Shawinigan Falls eP 11 35 52
APRIL 9 U. S. C. G. S. 2N, 126 1/2E Molucca Passage H = 17 58 02 Resolute iP 18 11 50 c e 18 12 10 SS 18 30 15 SSS 18 34 - eL 18 39 -	APRIL 10 Resolute eP 03 18 55	APRIL 10 U. S. C. G. S. 38 1/2N, 143E Off east coast of Honshu Japan H = 11 50 05 Ottawa eP 12 03 04 Resolute iP 12 00 19 c eS 12 08 36 S _c S 12 10 12 SS 12 12 31 eL 12 15.3 Shawinigan Falls eP 12 03 05
APRIL 9 Halifax iP 21 44 03 c	APRIL 10 Resolute eP 03 55 14	APRIL 10 U. S. C. G. S. 24S, 69W Northern Chile H = 13 18 47 h = 150 km Halifax iP 13 29 33 c isP 13 30 05 d Ottawa iP 13 29 39 c i 13 29 56 i 13 30 12 i 13 30 29 Resolute eP 13 32 15 e 13 36 13 e 13 42 42
APRIL 10 Resolute eP 00 09 19	APRIL 10 Resolute eP 09 52 46 c e 09 54 31	APRIL 10 U. S. C. G. S. 27 1/2N, 128 1/2E Ryukyu Islands H = 01 03 45 Resolute iP 01 15 24.7 c
APRIL 10 Resolute eP 01 05 23	APRIL 10 Resolute eP 10 13 32 e 10 19 06 e 10 22 30	APRIL 10 U. S. C. G. S. 51 1/2N, 99E Outer Mongolia H = 10 55 31 Resolute eP 11 04 51 c e 11 04 57 eS 11 12 26 eL 11 17.6 Seven Falls eP 11 07 47 Shawinigan Falls eP 11 07 51
APRIL 10 Resolute eP 01 35 50 d	APRIL 10 Resolute eP 11 07 51	APRIL 10 U. S. C. G. S. 38 1/2N, 143E Off east coast of Honshu Japan H = 11 50 05 Ottawa eP 12 03 04 Resolute iP 12 00 19 c eS 12 08 36 S _c S 12 10 12 SS 12 12 31 eL 12 15.3 Shawinigan Falls eP 12 03 05

SEISMOLOGICAL BULLETIN - 1958

APRIL 10 Resolute eP 17 26 20 e 17 28 23	APRIL 11 Resolute eP 04 48 44 e 05 10 - e 05 15 36	APRIL 11 U. S. C. G. S. 52N, 174W Andreanof Islands, Aleutian Islands H = 17 54 43 Ottawa eP 18 04 59 Resolute eP 18 02 08 P _c P 18 04 21 Seven Falls eP 18 05 06 Shawinigan Falls eP 18 05 03
APRIL 10 Resolute eP 23 49 59 e 23 53 06	APRIL 11 U. S. C. G. S. Panama - Costa Rica border H = 09 12 42 Resolute eP 09 23 36 d	APRIL 11 Resolute eP 12 21 20 e 12 25 30
APRIL 11 U. S. C. G. S. 38 1/2N, 142 1/2E Off east coast of Honshu, Japan H = 00 58 13 Halifax eS 01 22 42 eSS 01 29 07 eL 01 45.1 Horseshoe Bay eP 01 08 48 Ottawa eP 01 11 12 c Resolute iP 01 08 27 c PPP 01 12 18 eS 01 16 38 SS 01 20 40 eL 01 23 - Seven Falls eP 01 11 12 S 01 21 56 Shawinigan Falls eP 01 11 13	APRIL 11 Resolute eP 13 00 28 e 13 06 30 e 13 21 13	APRIL 11 Resolute eP 18 16 09 P _c P 18 18 22
APRIL 11 Resolute eP 04 02 40 e 04 06 34	APRIL 11 U. S. C. G. S. 52N, 174W Andreanof Islands, Aleutian Islands H = 17 27 00 Ottawa eP 17 37 14 Resolute eP 17 34 24 P _c P 17 36 37 eS 17 40 30 SS 17 43 09 eL 17 48 - Shawinigan Falls eP 17 37 19 d	APRIL 11 Resolute eP 20 24 57 e 20 25 15
APRIL 11 Resolute eP 04 08 20 e 04 16 34 e 04 29 20	APRIL 11 U. S. C. G. S. 47 1/2N, 153 1/2E Kurile Islands H = 23 11 26 h = 100 km Mag. = 6 1/2	APRIL 11 Resolute eP 22 43 39 e 22 44 06

DOMINION OBSERVATORIES

Alberni eP 23 20 31	APRIL 12 Resolute eP 00 41 50	Saskatoon eP 11 52 31 eS 11 57 06
Banff eP 23 20 59 d		Seven Falls eP 11 54 24 PP 11 55 47 S 12 00 14 SS 12 03 00 S _c S 12 04 55 e 12 05 34
Halifax iP 23 23 46 d esP 23 24 26 i 23 24 52 iPP 23 26 58 d iS 23 33 48 ePS 23 34 40 eSSS 23 42 28 eL 23 45.2	APRIL 12 Resolute eP 09 35 27	Shawinigan Falls eP 11 54 13
Horseshoe Bay eP 23 20 36 d	APRIL 12 U. S. C. G. S. Gulf of California H = 10 24 55 Mag. = 5 1/2 Resolute eP 10 33 44 eS 10 40 42 e 10 44 25 e 10 48 -	Victoria iP 11 52 17 d, S, E iS 11 56 42 eL 11 59.2
Ottawa eP 23 23 18 d PP 23 26 02 S 23 33 00 PPS 23 34 00	APRIL 12 U. S. C. G. S. 26 1/2N, 111W Gulf of California H = 11 46 58 Mag. = 6 1/2	APRIL 12 U. S. C. G. S. 25N, 126E Ryukyu Islands H = 13 25 22 Resolute iP 13 37 18 c eS 13 47 03 eL 13 52 -
Resolute iP 23 20 14 c e 23 20 56 PP 23 22 15 eS 23 27 16 S _c S 23 29 50 SS 23 30 54 eL 23 31 20	Alberni eP 11 52 28	APRIL 12 Resolute eP 15 31 38 c e 15 35 27
Seven Falls eP 23 23 21 S 23 33 01 PPS 23 34 00	Banff eP 11 52 30	APRIL 12 Resolute e 18 42 29 i 18 42 30.5 i 18 42 38 Local shock
Shawinigan Falls iP 23 23 19 d PP 23 26 06 PPP 23 27 05 S 23 33 00	Halifax ePP 11 56 37 iS 12 01 10 iSS 12 04 24 iSSS 12 05 05	APRIL 12 Resolute Alberni e 22 38 06.7 e 22 38 10.2 e 22 38 54.4 Banff i 22 38 20.0 d
APRIL 11 U. S. C. G. S. 0°, 125E Molucca Passage H = 23 24 11 Resolute iP 23 38 05 d Shawinigan Falls P' 23 43 26	Horseshoe Bay eP 11 52 23S, E eS 11 56 50 eL 12 00.1 Ottawa eP 11 53 45 S 11 59 12 Resolute eP 11 55 46 e 11 57 18 PP 11 57 42 eS 12 02 56 SS 12 06 30 eL 12 09.7	APRIL 12 Resolute Alberni e 22 38 06.7 e 22 38 10.2 e 22 38 54.4 Banff i 22 38 20.0 d

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Horseshoe Bay i 22 37 54.1 i 22 38 29.2	Horseshoe Bay eP 09 12 36 eS 09 16 54	Horseshoe Bay eP 12 37 30 eS 12 44 20
Victoria e 22 37 48.5 i 22 37 50.2 i 22 38 21 Local shock	Lillooet eP 09 12 - c	Ottawa eP 12 40 24 S 12 49 38 PS 12 50 10 PPS 12 50 29 SS 12 54 10 L 12 58.6
APRIL 12 Resolute eP 22 43 11	Ottawa iP 09 15 49 c P _c P 09 17 30 S 09 22 20 SS 09 25 50	Resolute eP 12 37 11 c PP 12 39 - eS 12 43 40 (S _c S) 12 47 30
APRIL 13 U. S. C. G. S. 66 1/2N, 155 1/2W Alaska H = 01 48 43 Resolute eP 01 53 25 eS 01 57 15 eL 02 02.7	Resolute eP 09 12 11 c eS 09 16 06	Saskatoon eP 09 13 16 eS 09 18 19
APRIL 13 U. S. C. G. S. 46N, 98E Outer Mongolia H = 04 08 56 Resolute eP 04 18 59 eS 04 27 10 eL 04 33.3	Saskatoon eS 12 45 49 e 12 48 06 eL 12 55	Saskatoon eS 12 45 49 e 12 48 06 eL 12 55
APRIL 13 U. S. C. G. S. 66N, 156W Alaska H = 09 07 24 Mag. = 6 3/4 Banff eP 09 12 50 c Halifax iS 09 23 58 eSS 09 27 30 eL 09 30.4	Saskatoon eS 09 18 19	Saskatoon eS 12 45 49 e 12 48 06 eL 12 55
	Seven Falls eP 09 15 51 P _c P 09 17 33 S 09 22 41 S _c S 09 25 54 SS 09 26 08 e 09 30 46 i 09 31 15 i 09 35 08	Seven Falls eP 12 40 27 S 12 49 40 PPS 12 50 34 SSS 12 57 31
	Shawinigan Falls iP 09 15 50 c i 09 16 40 PP 09 17 42	Shawinigan Falls eP 12 40 27
	Victoria eP 09 12 43 eS 09 17 02 eL 09 20.1	Victoria eP 12 37 37 eS 12 44 19 eL 12 51.8
	APRIL 13 U. S. C. G. S. 53N, 161E Near east coast of Kamchatka H = 12 29 07 Mag. = 6 1/2 Alberni eP 12 37 25 Banff eP 12 37 54 Halifax iP 12 41 05 iS 12 50 35	APRIL 13 Resolute eP 13 08 28
	APRIL 14 U. S. C. G. S. 47N, 152E Kurile Islands H = 02 49 41	

DOMINION OBSERVATORIES

Resolute
 iP 02 58 45 c
 eS 03 06 03
 SS 03 09 40
 L 03 10.4

APRIL 14
 U. S. C. G. S.
 66N, 155W
 Alaska
 H = 03 12 25
 Resolute
 eP 03 17 06
 eS 03 21 14

APRIL 14
 Resolute
 eP 03 38 32
 e 03 42 23

APRIL 14
 U. S. C. G. S.
 26 1/2N, 128E
 Ryukyu Islands
 H = 03 47 16
 Resolute
 iP 03 59 01 c
 PPP 04 03 44

APRIL 14
 Resolute
 e 05 06 27.5
 i 05 06 33.5
 Local shock

APRIL 14
 Resolute
 eP 07 28 12

APRIL 14
 Resolute
 eP 13 33 58
 e 13 50 25
 e 13 55 19
 e 13 57 52

APRIL 14
 Resolute
 eP 14 25 47
 e 14 29 35

APRIL 14
 U. S. C. G. S.
 45N, 98E
 Outer Mongolia
 H = 16 26 55
 Resolute
 eP 16 37 03
 eL 16 54.4

APRIL 14
 U. S. C. G. S.
 53N, 161E
 Near east coast of
 Kamchatka
 H = 18 08 40
 Resolute
 eP 18 16 44 c
 eS 18 23 10
 e 18 26 10
 S_CS 18 26 37
 eL 18 35.4

APRIL 14
 U. S. C. G. S.
 14 1/2S, 168E
 New Hebrides Islands
 H = 19 21 54
 Resolute
 e 19 40 18

APRIL 14
 U. S. C. G. S.
 1N, 79 1/2W
 Near coast of Ecuador
 H = 21 32 28
 Mag. = 6 3/4 - 7
 Alberni
 eS 21 51 18
 Banff
 eP 21 42 29

Halifax
 iP 21 40 56
 iS 21 47 40
 iS_CS 21 50 47

Horseshoe Bay
 eP 21 42 46 c

Ottawa
 iP 21 40 42 c
 PP 21 42 32
 S 21 47 17
 SS 21 50 42

Resolute
 eP 21 44 06 c
 iP 21 44 07 c
 PPP 21 48 45
 eS 21 53 36
 SS 21 58 32
 eL 22 02.6

Saskatoon
 eP 21 41 10
 eS 21 49 58

Seven Falls
 eP 21 41 00
 PP 21 42 59
 iS 21 47 50
 S_CS 21 50 42

Shawinigan Falls
 eP 21 40 53 c

Victoria
 iP 21 42 44 c
 iS 21 51 02
 e 21 52 22
 i 21 54.8
 eL 21 59.4

APRIL 14
 U. S. C. G. S.
 1N, 79 1/2W
 Ecuador aftershock
 H = 22 48 33
 Mag. = 6 1/2 - 6 3/4

Ottawa
 eP 22 56 45 c
 PP 22 58 32

Resolute
 eP 23 00 08

Seven Falls
 eP 22 57 03 c
 S 23 03 54

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Shawinigan Falls
 eP 22 56 55

APRIL 15
 U. S. C. G. S.
 1N, 79 1/2W
 Ecuador aftershock
 H = 01 30 43
 Halifax
 iP 01 39 09 c
 iS 01 45 57
 ePS 01 46 05
 iSS 01 49 02
 iSSS 01 49 41
 eL 01 51.3

Ottawa
 iP 01 38 57 c
 PP 01 40 40
 S 01 45 32
 PS 01 45 46
 SS 01 48 52

Resolute
 iP 01 42 21 c
 PPP 01 47 00
 eS 01 51 50
 SS 01 56 -
 eL 02 08 -

Seven Falls
 iP 01 39 15 c
 S 01 46 04
 PS 01 46 19
 S_CS 01 49 07

Shawinigan Falls
 iP 01 39 09 c

APRIL 15
 Resolute
 eP 02 36 40

APRIL 15
 U. S. C. G. S.
 9N, 84W
 Off west coast of Costa
 Rica
 H = 03 52 39
 Mag. = 6 3/4

Banff
 eP 04 01 31

Halifax
 iP 04 00 20 c
 ePP 04 02 07
 iS 04 06 33
 iSS 04 09 24
 iL 04 14 26

Horseshoe Bay
 eP 04 01 50

Ottawa
 eP 03 59 54
 PP 04 01 19
 S 04 05 38
 SS 04 08 10

Resolute
 iP 04 03 27 d
 PP 04 06 -
 eS 04 12 21
 SS 04 16 32
 L 04 20 -

Seven Falls
 eP 04 00 17 d
 S 04 06 30
 SS 04 09 34

Shawinigan Falls
 iP 04 00 08 d
 PP 04 01 38
 S 04 06 10

Victoria
 iP 04 01 48d,SE
 iS 04 09 17

APRIL 15
 Resolute
 eP 04 47 46

APRIL 15
 U. S. C. G. S.
 15N, 120E
 Near south coast of
 Luzon, P. I.
 H = 09 59 55
 h = 100 km
 Resolute
 eP 10 12 37 d
 iP 10 12 38 c
 eS 10 23 48

APRIL 15
 U. S. C. G. S.
 53N, 167 1/2W
 Fox Islands,
 Aleutian Islands
 H = 10 59 59
 Resolute
 eP 11 06 57
 P_CP 11 09 23
 eL 11 14.3
 Shawinigan Falls
 eP 11 09 45

APRIL 15
 Resolute
 eP 17 11 27
 e 17 11 47

APRIL 15
 Ripple Rock
 Explosion
 Alberni
 eP₁ 17 31 17.8
 iS₁ 17 31 32.2
 Banff
 iP_n 17 32 38.5
 Horseshoe Bay
 iP 17 31 28.4
 Victoria
 iP_n 17 31 36.6
 e 17 31 46.3
 i 17 32 02.3
 Local shock

APRIL 16
 Resolute
 eP 04 42 42
 e 04 47 23

APRIL 16
 Resolute
 eP 06 39 12
 e 06 40 54
 e 06 45 05

DOMINION OBSERVATORIES

APRIL 16 Resolute eP 07 08 38 e 07 23 25 e 07 32 -	APRIL 17 Resolute eP 05 50 13 e 05 59 27 e 06 01 40 e 06 03 -	Ottawa iP 11 45 55 d Resolute iP 11 43 12 c SS 11 55 30 Seven Falls eP 11 45 55 Shawinigan Falls eP 11 45 55
APRIL 16 Resolute eP 09 06 48	APRIL 17 Resolute eP 06 17 30 e 06 18 14	APRIL 17 U. S. C. G. S. 8N, 85W Off coast of Costa Rica H = 14 06 06 Resolute eP 14 16 59 eL 14 38 - Shawinigan Falls eP 14 13 40
APRIL 16 Resolute iP 12 25 25 c	APRIL 17 U. S. C. G. S. 6S, 155E Solomon Islands H = 06 21 43 Resolute eP 06 35 37 PS 06 48 48 PSPS 06 54 47 L 07 03 -	APRIL 17 U. S. C. G. S. 6 1/2S, 154 1/2E Solomon Islands H = 16 42 21 Resolute e 17 09 - L 17 29.7
APRIL 16 U. S. C. G. S. 14N, 120 1/2E Philippine Islands H = 12 36 24 h = 150 km Resolute iP 12 49 03 c Shawinigan Falls eP' 12 54 56	APRIL 17 U. S. C. G. S. 5 1/2S, 152E New Britain H = 10 04 46 Halifax eL 10 55.7 Resolute eP 10 18 38 d PP 10 23 - e 10 29 17 PS 10 31 48 SS 10 37 30 Shawinigan Falls eP' 10 23 48	APRIL 17 U. S. C. G. S. Resolute eP 20 48 42
APRIL 16 Resolute eP 21 40 46	APRIL 17 U. S. C. G. S. Resolute eP 21 58 03 e 22 20 -	APRIL 17 U. S. C. G. S. Resolute eP 20 48 42
APRIL 16 Resolute eP 21 58 03 e 22 20 -	APRIL 17 U. S. C. G. S. Resolute eP 21 58 03 e 22 20 -	APRIL 17 U. S. C. G. S. Resolute eP 20 48 42
APRIL 17 U. S. C. G. S. 32N, 139 1/2E South of Honshu, Japan H = 02 46 03 Resolute iP 02 57 02.5 d e 02 57 29.5 SS 03 10 30 eL 03 13.5	APRIL 17 U. S. C. G. S. 37N, 140 1/2E Near east coast of Honshu, Japan H = 11 32 48	APRIL 18 U. S. C. G. S. 48 1/2N, 154 1/2E Kurile Islands H = 03 11 55

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Resolute eP 03 20 43 d	APRIL 18 Resolute eP 15 15 07	APRIL 19 Resolute eP 00 42 18
APRIL 18 U. S. C. G. S. 39N, 143E Off east coast of Honshu, Japan H = 05 10 16 Resolute eP 05 20 49 c	APRIL 18 U. S. C. G. S. 49 1/2N, 156 1/2E Near south coast of Kamchatka H = 17 51 44 Resolute iP 18 00 16 d	APRIL 19 Shawinigan Falls iP 01 10 37 APRIL 19 Resolute eP 02 35 10 c
APRIL 18 U. S. C. G. S. 20S, 178W Fiji Islands H = 07 32 06 h = 600 km Ottawa eP' 07 49 40 Resolute eP' 07 49 29 c Seven Falls eP' 07 49 45	APRIL 18 U. S. C. G. S. 47 1/2N, 153E Kurile Islands H = 19 07 19 Resolute eP 19 16 17 c	APRIL 19 U. S. C. G. S. 26 1/2N, 110 1/2W Gulf of California H = 04 03 26 Mag. = 6 Halifax eS 04 17 35 e 04 19 38 eL 04 24.0 Horseshoe Bay eP 04 08 50 Ottawa iP 04 10 08 d S _c S 04 20 28 Resolute eP 04 12 13 c eS 04 19 15 SS 04 22 56 eL 04 26 - Saskatoon eS 04 13 52 Seven Falls eP 04 10 43 Shawinigan Falls eP 04 10 29 d L 04 22.2 Victoria eP 04 08 47
APRIL 18 U. S. C. G. S. 5S, 143 1/2E New Guinea H = 09 03 27 Resolute eP 09 17 27 PSPS 09 37 23	APRIL 18 U. S. C. G. S. Resolute eP 22 46 22	APRIL 19 U. S. C. G. S. 30 1/2N, 141 1/2E South of Honshu, Japan H = 00 10 50 Resolute iP 00 21 55 c
APRIL 18 U. S. C. G. S. 53 1/2N, 162E Off east coast of Kamchatka H = 14 20 44 Resolute eP 14 28 40 c	APRIL 19 Resolute eP 00 35 06	APRIL 19 Resolute eP 04 28 38

DOMINION OBSERVATORIES

<p>APRIL 19 U. S. C. G. S. 22 1/2N, 143E Volcano-Mariana Islands Region H = 14 14 38 h = 200 km Resolute iP 14 26 11 c P 14 26 26</p>	<p>APRIL 20 Resolute eP 06 18 38 d</p> <p>APRIL 20 Resolute eP 08 52 40</p> <p>APRIL 20 U. S. C. G. S. 19N, 121 1/2E Off north coast of Luzon, P. I. H = 12 56 30 Resolute eP 13 08 59 d P 13 09 07</p> <p>APRIL 20 Resolute eP 18 05 04 e 18 12 28</p> <p>APRIL 20 U. S. C. G. S. 38 1/2N, 122W California H = 21 06 59 Mag. = 4 1/2 Resolute eP 21 14 21</p> <p>APRIL 20 U. S. C. G. S. Sandwich Islands H = 21 15 00 Ottawa iP' 21 34 21 Resolute iP' 21 34 22 d iPKS 21 38 00 e 22 19 08 Shawinigan Falls eP' 21 34 22</p>	<p>APRIL 21 Resolute eP 05 02 15 e 05 11 30</p> <p>APRIL 21 U. S. C. G. S. 24 1/2N, 122E Near east coast of Formosa H = 05 32 00 Resolute iP 05 44 02 c eL 06 14 -</p> <p>APRIL 21 Resolute eP 09 17 25</p> <p>APRIL 21 Resolute eP 11 03 16 c</p> <p>APRIL 21 U. S. C. G. S. 8S, 74W Peru H = 12 15 28 h = 150 km Resolute eP 12 27 44 c P_CP 12 27 53 p_CP 12 28 24 Seven Falls eP 12 24 51 Shawinigan Falls eP 12 24 45</p> <p>APRIL 21 Resolute eP 17 05 51 e 17 09 39</p>
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<p>APRIL 21 U. S. C. G. S. 15S, 174 1/2W Samoa Islands region H = 20 14 47 Mag. = 6 1/2 Halifax eSS 20 51.1 eL 21 09.0 Horseshoe Bay eP 20 26 56 Resolute eP 20 28 48 PP 20 33 00 eS 20 39 22 PS 20 42 00 SS 20 47 20 P'P' 20 54 - Victoria eP 20 26 52 eL 20 50 -</p> <p>APRIL 21 U. S. C. G. S. 4 1/2S, 104E Sumatra H = 22 37 18 Mag. = 6 1/2 Halifax iP' 22 56 45 d i(PP) 23 00 03 Horseshoe Bay e 22 56 10 Ottawa eP' 22 56 37 pPP 22 59 39 PKS 23 00 03 PPP 23 01 18 Resolute eP 22 51 44 P' 22 55 47 PP 22 56 22 e 22 57 22 PPP 22 58 36 PS 23 05 40 Seven Falls eP' 22 56 32 pPP 22 59 34 PKS 22 59 57</p>	<p>Shawinigan Falls eP' 22 56 35 pPP 22 59 34 PKS 22 59 57 PPP 23 01 15 Victoria eP 22 55 45 e 22 56 08 e 22 56 59</p> <p>APRIL 21 U. S. C. G. S. 6 1/2S, 131 1/2E Banda Sea H = 23 57 05 Ottawa eP' 24 16 26 Seven Falls eP' 24 16 28 Shawinigan Falls eP' 24 16 27 d</p> <p>APRIL 22 Resolute eP 00 11 22 e 00 20 34 e 00 24 -</p> <p>APRIL 22 Resolute eP 01 26 39 c</p> <p>APRIL 22 Resolute eP 05 19 41 d e 05 23 03</p> <p>APRIL 22 Resolute eP 06 29 03</p> <p>APRIL 22 Resolute eP 07 14 28</p>	<p>APRIL 22 U. S. C. G. S. 1/2S, 120 1/2E Celebes H = 09 08 13 Resolute eP 09 22 09 SS 09 40 40 eL 09 50 -</p> <p>APRIL 22 U. S. C. G. S. 37N, 31E Southern Turkey H = 10 02 43 Resolute eP 10 13 10 c (SS) 10 25 20</p> <p>APRIL 23 Resolute eP 01 37 13 e 02 02 30</p> <p>APRIL 23 U. S. C. G. S. 45N, 152E Kurile Islands H = 02 57 40 Halifax iS 03 20 48 eSS 03 25 49 eL 03 40.5 Resolute eP 03 06 57 c eS 03 14 22 S_CS 03 16 48 SS 03 18 07 L 03 21 -</p> <p>APRIL 23 U. S. C. G. S. 45 1/2N, 152E Kurile Islands H = 04 52 47 h = 100 km Resolute eP 05 01 50 c</p>
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DOMINION OBSERVATORIES

APRIL 23
U. S. C. G. S.
30 1/2N, 130E
Ryukyu Islands
H = 05 53 06
Resolute
eP 06 04 24 c
eL 06 25.5

APRIL 23
U. S. C. G. S.
15 1/2S, 176W
Fiji Islands region
H = 15 11 39
Resolute
eP 15 25 38
SS 15 44 20
eL 15 54 -

APRIL 23
U. S. C. G. S.
4 1/2S, 153E
New Britain
H = 19 12 36
h = 100 km
Resolute
eP 19 26 15
pPP 19 30 43
SKS 19 36 48

APRIL 23
Resolute
iP 19 51 08 d
e 20 02 20

APRIL 23
Resolute
eP 20 16 42 d
iP 20 16 42.3 c
e 20 28 07

APRIL 24
Resolute
e 07 23 34.5
e 07 23 41.0

APRIL 24
e 07 24 04.5
i 07 24 08.0
Local shock

APRIL 24
Resolute
eP 09 58 41 c

APRIL 24
Resolute
eP 13 04 51 c

APRIL 24
U. S. C. G. S.
22S, 170 1/2E
Loyalty Islands
H = 13 09 41
Resolute
eP' 13 28 18
PS 13 38 38
PSPS 13 44 40

APRIL 24
U. S. C. G. S.
5N, 83W
Pacific Ocean
H = 18 09 14
Ottawa
eP 18 17 00
Resolute
eP 18 20 29 c
eS 18 29 36
eL 18 37.5
Seven Falls
eP 18 17 21 c
S 18 23 59
SS 18 27 07
Shawinigan Falls
eP 18 17 14 d

APRIL 25
Resolute
eP 06 28 09 d

APRIL 25
U. S. C. G. S.
51 1/2N, 171 1/2W
Fox Islands,
Aleutian Islands
H = 08 35 06
Resolute
eP 08 42 26
e (P_CP) 08 44 44
eL 08 52.5

APRIL 25
Resolute
eP 15 10 35

APRIL 25
U. S. C. G. S.
52N, 171W
Fox Islands,
Aleutian Islands
H = 19 03 18
Ottawa
eP 19 10 35
Resolute
eP 19 10 35
P_CP 19 13 05
eL 19 21 -

APRIL 26
Resolute
e 00 29 30
e 00 35 -
e 00 37 -
e 00 41 -

APRIL 26
U. S. C. G. S.
44 1/2N, 152 1/2E
Kurile Islands region
H = 01 09 30
h = 100 km
Resolute
eP 01 18 39
eS 01 26 16
SSS 01 32 -

SEISMOLOGICAL BULLETIN - 1958

APRIL 26
U. S. C. G. S.
15S, 168E
New Hebrides Islands
H = 09 25 54
Resolute
P' 09 44 13
eL 10 16 -

APRIL 26
Resolute
eP 11 54 56

APRIL 26
Resolute
e 21 29 21
e 21 30 15
Local shock

APRIL 27
Resolute
eP 05 44 03 c

APRIL 27
U. S. C. G. S.
22S, 176W
Tonga Islands Region
H = 08 12 58
h = 100 km
Resolute
P' 08 31 23

APRIL 27
Resolute
eP 11 16 45
eP 11 16 50 c

APRIL 27
U. S. C. G. S.
18N, 120E
Off northwest coast of
Luzon, P. I.
H = 14 58 58
Resolute
eP 15 11 33

APRIL 27
U. S. C. G. S.
42 1/2N, 143 1/2E
Near east coast of
Hokkaido, Japan
H = 17 17 39
h = 100 km
Ottawa
eP 17 30 11
Resolute
iP 17 27 15.5 c
pP 17 27 39
eS 17 35 11
eSSS 17 42 -
Seven Falls
eP 17 30 10
Shawinigan Falls
eP 17 30 09 d

APRIL 27
Resolute
eP 17 58 48
e 17 59 23

APRIL 27
Victoria
eP 18 27 48

APRIL 27
U. S. C. G. S.
23S, 66W
Jujuy Province,
Argentina
H = 18 38 10
h = 200 km
Horseshoe Bay
eP 18 50 43
Ottawa
eP 18 48 59
S 18 57 46
Resolute
eP 18 51 35
eS 19 02 47
sS 19 04 20
Seven Falls
eP 18 49 07
pP 18 49 57
S 18 58 01

Shawinigan Falls
iP 18 49 03 c
Victoria
eP 18 50 41 d

APRIL 27
U. S. C. G. S.
52 1/2N, 169W
Fox Islands,
Aleutian Islands
H = 19 03 50
Halifax
eP 19 14 28
iS 19 22 57
eL 19 33.0
Ottawa
eP 19 13 41
S 19 21 38
Resolute
eP 19 10 51
PP 19 12 20
eS 19 16 36
eL 19 19 -
S_CS 19 21 00
Seven Falls
eP 19 13 52
S 19 21 50
Shawinigan Falls
eP 19 13 44
Victoria
eP 19 09 51

APRIL 28
Alberni
e 02 10 29.4
e 02 10 41.1
e 02 10 50.7
Horseshoe Bay
i 02 10 20.8
i 02 10 35.0
Victoria
i 02 10 11.8
e 02 10 19.3
Local shock

DOMINION OBSERVATORIES

APRIL 28
Resolute
e 02 42 22
Horseshoe Bay
eP 11 59 17
eS 12 08 54
Ottawa
eP 11 57 24
i 11 57 29
S 12 05 08
e 12 05 13
ScS 12 07 05
Resolute
iP 12 00 25 c
PP 12 03 58
eS 12 10 48
SS 12 16 50
Seven Falls
eP 11 57 38
i 11 57 42
S 12 05 37
Shawinigan Falls
eP 11 57 30
e 11 57 35
Victoria
iP 11 59 15 c
iS 12 08 48
APRIL 28
Resolute
eP 12 39 23
e 12 43 11
APRIL 28
Alberni
i 13 10 27.2
i 13 10 42.9
Local shock
APRIL 28
Resolute
eP 14 35 32
e 15 22 -
APRIL 28
Alberni
i 14 23 38.4
Local shock
APRIL 28
U. S. C. G. S.
11S, 74W
Peru
H = 11 47 40
Mag. = 6 1/2
Halifax
iP 11 57 29 d
i 11 57 33 d
iS 12 05 11
ePS 12 06 03
iScS 12 07 10
i(SS) 12 08 24
eL 12 11.0

APRIL 28
U. S. C. G. S.
13N, 141 1/2E
Mariana Islands
region
H = 16 00 50
Resolute
eP 16 13 32
APRIL 28
Resolute
eP 19 17 28 c
e 19 28 26
e 19 43 38
APRIL 29
Resolute
iP 05 09 44 c
APRIL 29
U. S. C. G. S.
45N, 100E
Outer Mongolia
H = 05 07 35
Resolute
eP 05 17 44 d
APRIL 29
Resolute
e 07 21 34
i 07 21 38
Local shock
APRIL 29
U. S. C. G. S.
60N, 141W
Southeastern Alaska
H - 13 35 00
Resolute
iP 13 39 55 c
eS 13 44 11
e 13 46 09
e 13 48 16

SEISMOLOGICAL BULLETIN - 1958

APRIL 29
Resolute
eP 20 40 46
e 20 43 41
APRIL 30
Resolute
eP 06 51 07
e 06 53 56
APRIL 30
U. S. C. G. S.
36N, 71E
Hindu Kush
H = 08 16 48
Resolute
eP 08 27 32
eS 08 36 17
APRIL 30
U. S. C. G. S.
38N, 103 1/2E
Kansu Province,
China
H = 13 54 44
Resolute
iP 14 05 37 c
APRIL 30
U. S. C. G. S.
37 1/2N, 14W
Off coast of Portugal
H = 14 08 00
Halifax
eS 14 21 07
eL 14 23.7
Ottawa
e(P) 14 16 42
Resolute
eP 14 17 09 d
eS 14 24 32
ScS 14 27 04
eL 14 29 -
Shawinigan Falls
eP 14 16 12
APRIL 30
U. S. C. G. S.
21S, 67 1/2W
Southern Bolivia
H = 19 27 32
h = 150 km
Mag. = 6
Horseshoe Bay
iP 19 39 59 d
Ottawa
iP 19 38 12 d
PcP 19 38 40
Resolute
eP 19 40 53 c
SKKS 19 51 20
eS 19 52 10
pS 19 53 20
PKKP 19 57 32
SS 19 58 29
Seven Falls
iP 19 38 22
PcP 19 38 40
S 19 47 15
Victoria
eP 19 39 56 d
e 19 40 18 c
APRIL 30
Resolute
iP 20 14 16 c
e 20 15 25
MAY 1
U. S. C. G. S.
13 1/2S, 167 1/2E
New Hebrides Islands
H = 00 29 15
h = 200 km
Mag. 6 1/4
Halifax
e 00 51 01
e 00 52 18
e 00 53 11
e 01 03 45
Horseshoe Bay
iP 00 45 -- c
Ottawa
eP' 00 47 42 c
PKS 00 50 59
PKKP 00 58 01
SKKP 01 01 30
Resolute
eP 00 43 03 c
P' 00 47 15.5
PP 00 47 38
SKS 00 53 23
eS 00 54 32
SP 00 56 10
PKKP 00 58 43
e 00 59 01
sSS 01 02 52
SSS 01 06 --
L 01 13 --
Seven Falls
eP' 00 47 47
S 00 55 50
SKKS 00 59 00
Shawinigan Falls
eP' 00 47 45 c
PKS 00 50 59
PKKP 00 57 55
SKKP 01 01 32
Victoria
iP 00 41 41 cE
MAY 1
Resolute
eP 02 26 11 d
MAY 1
U. S. C. G. S.
18 1/2N, 120 1/2E
Near west coast of Luzon,
Philippine Islands
H = 07 12 07
Resolute
eP 07 24 41 d
MAY 1
U. S. C. G. S.
1/2S, 120E
Celebes
H = 09 31 43

DOMINION OBSERVATORIES

Resolute
eP 09 45 42
SS 10 05 16
eL 10 14 --

MAY 1
Resolute
eP 10 39 48

MAY 1
U.S.C.G.S.
25 1/2N, 141E
Volcano Islands
H = 12 33 28
h = 400 km
Resolute
iP 12 44 25 d

MAY 1
Alberni
i 18 25 25.9
i 18 25 36.0
Horseshoe Bay
i 18 25 25.0
i 18 25 33.2 c
Victoria
e 18 25 29.6
e 18 25 41.5
Local Shock

MAY 2
Resolute
iP 10 16 26 d

MAY 2
U.S.C.G.S.
16 1/2N, 99W
Near coast of
Guerrero Mexico
H = 20 29 18
Mag. 6 1/4-6 1/2
Banff
eP 20 36 30

Halifax
iS 20 43 27
eSS 20 46 36
eL 20 54.2
Horseshoe Bay
eP 20 36 40
eS 20 42 39
eL 20 50.1
Ottawa
P 20 36 15
S 20 41 48
Resolute
eP 20 39 14 c
eS 20 47 16
S_cS 20 49 05
eL 20 52.6
Saskatoon
e 20 36 44
e 20 48 31
Shawinigan Falls
eP 20 36 30
Victoria
eP 20 36 34.5
eS 20 42 29.1
eL 20 49 43.5

MAY 2
U.S.C.G.S.
28 1/2N, 55E
Southern Iran
H = 21 20 13
Resolute
eP 21 32 00

MAY 3
U.S.C.G.S.
4N, 128 1/2E
Molucca Passage
H = 06 37 55
Resolute
eP 06 51 31
eL 07 32.4

MAY 3
Ottawa
eP 08 12 52

MAY 3
Resolute
iP 09 45 42 d

MAY 3
Resolute
eP 10 57 59 c

MAY 3
Resolute
iP 18 03 13

MAY 3
U.S.C.G.S.
36 1/2N, 22E
Near south coast of
Greece
H = 20 18 16
Halifax
iP 20 28 40 c
iP_cP 20 28 49 c
Ottawa
eP 20 29 31 c
i 20 29 41
Resolute
eP 20 28 38
PP 20 31 --
eS 20 36 40
eL 20 45.7
Seven Falls
eP 20 29 07
i 20 29 16
Shawinigan Falls
eP 20 29 15
i 20 29 24

MAY 3
Horseshoe Bay
i 22 13 03.8 d
i 22 13 08.0
i 22 13 29.4

SEISMOLOGICAL BULLETIN - 1958

Victoria
e 22 12 50
e 22 13 07.8
Local Shock

MAY 4
Resolute
eP 10 54 24 d

MAY 4
Resolute
eP 19 30 24

MAY 4
Resolute
eP 21 00 31

MAY 5
Horseshoe Bay
eP 00 47 47

MAY 5
Horseshoe Bay
i 02 02 22.6 d
i 02 02 26.0
i 02 02 47.4
Victoria
e 02 02 10.7 d,N
e 02 02 27.7
Local Shock

MAY 5
Resolute
eP 04 14 14

MAY 5
U.S.C.G.S.
36 1/2N, 45 1/2E
Iran-Iraq border
H = 05 21 33
Halifax
eP 05 33 26

Ottawa
eP 05 33 58
Resolute
iP 05 32 23 c
eS 05 41 20
S_cS 05 42 28
eL 05 48.7
Seven Falls
eP 05 33 39
Shawinigan Falls
iP 05 33 45 d

MAY 5
Resolute
eP 05 46 27

MAY 5
U.S.C.G.S.
9 1/2S, 27 1/2E
Belgian Congo
H = 06 31 39
Halifax
iPP 06 49 13 c
Horseshoe Bay
eP 06 41 25 d
Resolute
iP 06 43 24 c
iP 06 44 33 c
eP' 06 50 07
S 06 56 19
PPS 07 01 05
SS 07 05 16
PSPS 07 06 35
SSS 07 09 33
L 07 16 --

MAY 5
Horseshoe Bay
iP 06 50 59 d

MAY 5
Resolute
iP 11 21 26 d

MAY 5
U.S.C.G.S.
52N, 172 1/2W
Andreanof Islands,
Aleutian Islands
H = 13 32 53
h = 60 km
Ottawa
eP 13 42 55
Resolute
eP 13 40 04
P_cP 13 42 20
e 13 42 33
e(S) 13 46 18
(S_cS) 13 50 20
L 13 55.4
Seven Falls
eP 13 43 02
Shawinigan Falls
eP 13 42 58 d

MAY 5
Resolute
iP 16 09 25 c

MAY 5
Alberni
i 22 10 49.6
i 22 11 01.2
Local Shock

MAY 5
U.S.C.G.S.
57 1/2N, 136 1/2W
Near coast of southern
Alaska
H = 23 53 29
Alberni
eP 23 56 18
e 23 58 55
Banff
eP 23 56 46 d
e 00 00 22
Horseshoe Bay
eP 23 56 14
eS 23 59 13

DOMINION OBSERVATORIES

Ottawa
 eP 24 00 53
 L 24 13.3
 Resolute
 eP 23 58 38 c
 eS 24 02 58
 e 24 04 30
 e 24 05 40
 Saskatoon
 eP 23 57 41
 e 24 02 54
 Seven Falls
 eP 24 01 16
 S 24 07 20
 S_cS 24 11 21
 L 24 12.7
 Shawinigan Falls
 L 24 13.8
 Victoria
 iP 23 56 22.8 c,S,E
 eS 23 59 35.8
 MAY 6
 U.S.C.G.S.
 52N, 173 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 01 14 20
 Resolute
 eP 01 21 35
 P_cP 01 23 53
 eS 01 27 34
 eL 01 30 --
 MAY 6
 Resolute
 eP 03 59 57
 e 04 00 20
 e 04 01 14
 e 04 04 04
 e 04 34 08
 e 04 39 44

MAY 6
 Resolute
 eP 14 09 45 c
 e 14 19 12
 e 14 23 40
 e 14 37 18
 MAY 6
 Resolute
 eP 14 31 41 d
 e 14 41 40
 MAY 6
 48° 49'N, 70° 35'W
 Near the headwaters
 of Riviere aux Sables
 Quebec
 H = 16 02 46
 Mag. 3.9
 Jean-de-Brebeuf
 eP₁ 16 03 55.5
 i 16 03 57
 iS₁ 16 04 47.5
 D = 430 km
 Ottawa
 eP₁ 16 04 13
 iS₁ 16 05 19
 D = 545 km
 Seven Falls
 iP₁ 16 03 16.5
 iS₁ 16 03 39.0
 D = 187 km
 Shawinigan Falls
 iP₁ 16 03 35.1
 iS₁ 16 04 11.6
 D = 305 km
 MAY 6
 48° 49'N, 70° 35'W
 Aftershock of the
 Riviere aux Sables
 earthquake, about
 eight minutes earlier
 H = 16 11 05
 Mag. 3.8

Jean-de-Brebeuf
 i 16 12 17.8
 iS₁ 16 13 06.5
 D = 430 km
 Ottawa
 Max. 16 13 52
 D = 545 km
 Seven Falls
 iP₁ 16 11 35.5
 iS₁ 16 11 58.0
 D = 187 km
 Shawinigan Falls
 iP₁ 16 11 54.8
 iS₁ 16 12 31.3
 D = 305 km
 MAY 6
 48° 49'N, 70° 35'W
 Aftershock of the
 Riviere aux Sables
 earthquake about 29
 minutes earlier
 H = 16 31 32.9
 Jean-de-Brebeuf
 iP₁ 16 32 42.6
 iS₁ 16 33 34.6
 D = 430 km
 Ottawa
 Max. 16 34 20
 D = 545 km
 Seven Falls
 iP₁ 16 32 03.5
 iS₁ 16 32 26
 D = 187 km
 Shawinigan Falls
 iP₁ 16 32 22
 iS₁ 16 32 58.5
 D = 305 km
 MAY 6
 Resolute
 eP 16 43 51
 e 16 49 22

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MAY 6
 Resolute
 eP 17 32 42
 MAY 6
 Banff
 iP 19.4 c
 MAY 6
 Resolute
 eP 19 25 38
 MAY 6
 Horseshoe Bay
 e 21 10 58.1
 e 21 11 16
 Local Shock
 MAY 7
 Ottawa
 eP 07 36 35
 Resolute
 eP 07 37 06 d
 iP 07 37 07 c
 e 07 38 35
 e 07 42 18
 e 07 44 32
 e 07 51 40
 e 08 00 22
 Seven Falls
 eP 07 35 56
 Shawinigan Falls
 eP 07 36 09
 MAY 7
 Shawinigan Falls
 eP 07 50 55
 MAY 7
 Resolute
 eP 08 18 16

MAY 7
 Alberni
 i 11 03 56.8
 i 11 04 18.9
 Horseshoe Bay
 i 11 03 43.6
 i 11 03 56.2
 Victoria
 e 11 03 38.8
 e 11 03 47.8
 Local Shock
 MAY 7
 Horseshoe Bay
 eP 11 44 48
 MAY 7
 U.S.C.G.S.
 35 1/2N, 71E
 Afghanistan-Pakistan
 border
 H = 14 47 35
 Resolute
 iP 14 58 52 c
 e 15 27 08
 Shawinigan Falls
 eP 15 00 52 d
 MAY 7
 Horseshoe Bay
 e 17 29 17.5
 e 17 30 13.5
 Victoria
 e 17 29 05.6
 e 17 29 52.7
 Local Shock
 MAY 7
 U.S.C.G.S.
 50N, 158 1/2E
 Kamchatka region
 H = 21 57 03
 Ottawa
 eP 22 08 39

Resolute
 eP 22 05 33 d
 P_cP 22 07 06
 eL 22 16 --
 Seven Falls
 eP 22 08 42
 Shawinigan Falls
 iP 22 08 40 d
 MAY 8
 U.S.C.G.S.
 45 1/2N, 28W
 North Atlantic Ocean
 H = 02 47 14
 Ottawa
 eP 02 53 52
 Resolute
 iP 02 54 55 c
 eS 03 01 10
 eL 03 04 --
 Seven Falls
 e 02 53 19
 MAY 8
 Resolute
 eP 05 38 33 d
 MAY 8
 Resolute
 e 06 55 38
 e 07 01 36
 e 07 03 20
 MAY 8
 U.S.C.G.S.
 24S, 67W
 Salta Province,
 Argentina
 H = 12 40 46
 h = 200 km
 Mag. 6 1/4-6 1/2
 Halifax
 iS 13 00 20
 e(S_cS) 13 01 18
 eSSS 13 08 00

DOMINION OBSERVATORIES

Horseshoe Bay	MAY 8	Resolute
iP 12 53 21	Resolute	eP 02 51 12 d
i 12 53 31	eP 14 55 56	eS 02 59 42
ipP 12 54 05	e 14 59 30	S _c S 03 01 06
iSKS 13 03 36		SS 03 04 --
iS 13 03 55		eL 03 19.0
Ottawa	MAY 8	Shawinigan Falls
iP 12 51 40 d	Resolute	eP 02 52 05
pP 12 52 25	iP 15 24 25 c	
sP 12 52 44		
S 13 00 38		
PS 13 01 24	MAY 8	MAY 9
L 13 16.7	Resolute	Ottawa
Resolute	iP 17 02 26 d	eP 04 36 25 d
eP 12 54 14		Resolute
pP 12 55 02		eP 04 39 49 c
PP 12 58 18	MAY 9	
pPP 12 59 00	U. S. C. G. S.	MAY 9
SKS 13 04 38	1 1/2N, 94 1/2W	U. S. C. G. S.
S 13 05 35	Galapagos Islands	31S, 65 1/2W
sS 13 07 00	region	Cordoba-La Rioja
Seven Falls	H = 00 44 12	Province, Argentina
eP 12 51 49	Mag. 6	H = 04 40 20
pP 12 52 34	Halifax	h = 100 km
sP 12 53 06	e(PS) 01 00 43	Mag. 6 3/4
S 13 00 53	eL 01 08.6	Halifax
S _c S 13 01 21	Ottawa	iS 05 01 20
e 13 02 14	eP 00 52 45 d	e(sPS) 05 03 07
e 13 02 59	S 00 59 42	eSS 05 06 12
Shawinigan Falls	Resolute	Horseshoe Bay
eP 12 51 46	eP 00 55 43.5 d	iP 04 53 33 d,S,E
pP 12 52 31	eS 01 05 12	Ottawa
sP 12 52 51	SS 01 09 45	iP 04 52 03 d
PP 12 54 11	eL 01 13.3	PP 04 55 11
Victoria	Seven Falls	PPP 04 56 43
iP 12 53 20.4 c,N,W	eP 00 53 09	S 05 01 32
eS 13 03 52.4	i 00 53 17	Resolute
	S 01 00 25	eP 04 49 31
	Shawinigan Falls	iP 04 54 28 c
	eP 00 53 01	PP 04 58 50
		S 05 06 10
		SS 05 13 30
MAY 8	MAY 8	Seven Falls
Resolute	U. S. C. G. S.	iP 04 52 10 d
iP 13 10 30 c	36 1/2N, 27 1/2E	sP 04 52 50
	Dodecanese Islands	S 05 01 50
	H = 02 40 46	Shawinigan Falls
	Ottawa	iP 04 52 09 d
	eP 02 52 19 c	

SEISMOLOGICAL BULLETIN - 1958

Victoria	Alberni	MAY 11
eP 04 53 33 c,N,W	eP 22 59 30 (d)	Shawinigan Falls
	e 23 03 30	eP 00 55 21
	e 23 03 41	
MAY 9	eL 23 06 02	
Alberni	Halifax	MAY 11
e 05 47 52.3	ePS 23 10 47	Resolute
e 05 48 03.8	eSSS 23 14 26	eP 04 59 05
Horseshoe Bay	Horseshoe Bay	e 05 01 25
e 04 48 07	iP 22 59 36 d,N	
e 04 48 36	eS 23 03 40	
Victoria	eL 23 06 11	MAY 11
e 04 48 15.8 c	Ottawa	U. S. C. G. S.
e 04 48 41.7	eP 23 02 53	65N, 152 1/2W
Local Shock	PP 23 04 43	Central Alaska
	L 23 15.1	H = 05 23 54
	Resolute	Mag. 6 1/4-6 1/2
MAY 9	iP 22 59 24 c	Alberni
Shawinigan Falls	eS 23 03 10	eP 05 28 47
eP 09 00 37	Saskatoon	eS 05 32 56
	eP 23 00 40	eL 05 34.8
	eS 23 04 49	Halifax
MAY 9	Seven Falls	ePS 05 40 07
Resolute	eP 23 02 59	eSS 05 43 36
eP 17 49 39	PP 23 04 42	Horseshoe Bay
	PPP 23 05 32	eP 05 28 50 (d)
May 9	S 23 09 37	eS 05 33 00
Resolute	S _c S 23 13 03	eL 05 35 29
iP 18 32 31.5 d	iL 23 18.3	Ottawa
iP 18 32 32 c	Shawinigan Falls	eP 05 32 07
	eP 23 02 57	PP 05 33 55
	Victoria	S 05 38 45
MAY 10	eP 22 59 41 c,S,E	S _c S 05 42 09
Resolute	eS 23 03 51	Resolute
eP 00 41 59	eL 23 06.6	eP 05 28 38 c
		eS 05 32 26
		Saskatoon
MAY 10	MAY 10	eP 05 29 39
Resolute	U. S. C. G. S.	e 05 30 01
eP 01 51 33 c	64 1/2N, 152 1/2W	eS 05 34 19
	Alaska aftershock	Seven Falls
	H = 23 13 39	eP 05 32 13
	Resolute	S 05 38 57
MAY 10	iP 23 18 04	S _c S 05 42 08
U. S. C. G. S.		iL 05 47.6
65N, 152 1/2W		Shawinigan Falls
Central Alaska		eP 05 32 10 d
H = 22 54 40		PP 05 34 02
Mag. 6 1/4-6 1/2	MAY 10	
	Resolute	
	iP 23 30 36	

DOMINION OBSERVATORIES

Victoria
eP 05 28 59 d,N,W
eS 05 33 02
eL 05 35.9

MAY 11

U.S.C.G.S.
65N, 151 1/2W
Alaska aftershock
H = 05 37 01

Ottawa
eP 05 45 10
Resolute
iP 05 41 43

Seven Falls
eP 05 45 20
Shawinigan Falls
eP 05 45 12 d

MAY 11

Ottawa
eP 08 57 01
Resolute
eP 08 56 22

Seven Falls
iP 08 56 50 c
e 08 57 34
Shawinigan Falls
eP 08 56 55

MAY 11

U.S.C.G.S.
65N, 152 1/2W
Alaska aftershock
H = 09 08 43

Resolute
eP 09 13 27
eS 09 17 22
Shawinigan Falls
eP 09 17 01

MAY 11

U.S.C.G.S.
65N, 153 1/2W
Alaska aftershock
H = 12 11 22

Ottawa
eP 12 19 35 d
Resolute
eP 12 16 04
iP 12 16 12 c
eS 12 20 03
Shawinigan Falls
eP 12 19 38

MAY 11

Resolute
iP 12 18 36

MAY 11

Resolute
eP 13 26 57
eS 13 30 44

MAY 11

Ottawa
eP 14 06 14

MAY 11

U.S.C.G.S.
Marshall Islands
region
H = 17 50 00
Resolute
iP 18 02 17 c
e 18 02 41

MAY 11

Resolute
eP 18 40 22

MAY 11

Resolute
e 18 52 33
e 18 53 33
e 18 57 22
e 19 01 46
e 19 05 35

MAY 12

U.S.C.G.S.
52N, 169 1/2W
Fox Islands,
Aleutian Islands
H = 05 38 16

Ottawa
eP 05 48 09 c
Resolute
eP 05 45 23 d
P_cP 05 47 47
eS 05 51 16
eL 05 53.0
Shawinigan Falls
eP 05 48 15

MAY 12

Resolute
iP 13 22 48 d

MAY 12

Resolute
iP 14 28 24 c

MAY 12

U.S.C.G.S.
31N, 140 1/2E
South of Honshu,
Japan
H = 16 50 05
h = 150 km
Ottawa
eP 17 03 24 d
Resolute
iP 17 00 53 c
eS 17 09 50
SS 17 14 00
SSS 17 17 35

MAY 12

Victoria
e 17 01 11.4 c,N,E
e 17 01 40.9
Local Shock



SEISMOLOGICAL BULLETIN - 1958

MAY 12

U.S.C.G.S.
12N, 162E
Marshall Islands
region
H = 18 29 58
Resolute
iP 18 42 22 c
PPP 18 47 40
eL 19 14 --

MAY 12

U.S.C.G.S.
6 1/2S, 75 1/2W
Peru
H = 21 12 16
h = 150 km
Banff
iP 21.4 d
Ottawa
eP 21 21 23 d
pP 21 21 52
Resolute
iP 21 24 33 d
pP 21 24 57
pPP 21 28 26
PS 21 35 40
SS 21 40 --
Seven Falls
iP 21 21 38 d
pP 21 22 07
Shawinigan Falls
iP 21 21 32 d
pP 21 22 01
sP 21 22 13
P_cP 21 22 38

MAY 12

U.S.C.G.S.
53 1/2N, 168W
Fox Islands,
Aleutian Islands
H = 22 16 00
Ottawa
eP 22 25 42

Resolute

iP 22 22 54 d
P_cP 22 25 29
e 22 25 45
eL 22 32 --
Seven Falls
eP 22 25 47
Shawinigan Falls
eP 22 25 46

MAY 12

Resolute
iP 22 29 08 d

MAY 12

Resolute
eP 23 26 43

MAY 13

Resolute
iP 03 31 43

MAY 13

Resolute
eP 03 38 14

MAY 13

Resolute
iP 06 08 12

MAY 13

Resolute
eP 08 19 31

MAY 13

Resolute
eP 10 11 31
e 10 20 --

MAY 13

Ottawa
iP 11 25 35 c
Resolute
eP 11 22 04
iP 11 22 09 d
e 11 26 --
Shawinigan Falls
eP 11 25 37 c

MAY 13

Resolute
iP 17 32 40 d

MAY 14

U.S.C.G.S.
4 1/2S, 153E
New Ireland
H = 03 58 09
Ottawa
e(P') 04 17 04
Resolute
eP 04 11 59
eS 04 22 34
PS 04 25 06
SS 04 30 40
eL 04 38 --

MAY 14

U.S.C.G.S.
12 1/2N, 95E
Andaman Islands
region
H = 12 35 42
Resolute
eP 12 48 58 c

MAY 14

47° 02'N, 76° 30'W
Near Bark Lake,
Quebec
H = 17 41 19
Mag. 5.2

DOMINION OBSERVATORIES

Jean-de-Brebeuf
 eP_n 17 42 02.5
 iP₁ 17 42 05.5
 iS₁ 17 42 41
 D = 277 km

Ottawa
 iP_n 17 41 49
 iP₁ 17 41 50
 iS₁ 17 42 13
 D = 190 km

Resolute
 eP 17 47 04
 e 17 56 07
 S_CS 17 58 00

Seven Falls
 e(P_n) 17 42 19.4
 iP₁ 17 42 30
 iS₁ 17 43 23
 D = 428 km

Shawinigan Falls
 eP_n 17 42 01.8
 iP₁ 17 42 06.8
 iS₁ 17 42 41.4
 D = 288 km

MAY 14
 Resolute
 iP 20 43 05 c

MAY 15
 Resolute
 eP 01 48 26
 iS 01 49 01

MAY 15
 U.S.C.G.S.
 51 1/2N, 173 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 04 24 50
 Banff
 iP 04.5 c
 Ottawa
 iP 04 35 01 c
 i 04 35 14

Resolute
 eP 04 32 10 c
 iP_CP 04 34 25
 eS 04 38 16
 eL 04 40 --

Seven Falls
 eP 04 35 09 c

Shawinigan Falls
 eP 04 35 05 c
 i 04 35 19

MAY 15
 U.S.C.G.S.
 Tonga Islands region
 H = 04 40 54
 Resolute
 iP 04 59 22 c
 e 05 09 42

MAY 15
 Resolute
 eP 06 06 29

MAY 15
 Resolute
 eP 06 19 40
 e 06 29 40

MAY 15
 Resolute
 eP 06 58 11

MAY 15
 U.S.C.G.S.
 11 1/2S, 165E
 Santa Cruz Islands
 H = 07 01 56
 Resolute
 e 07 25 07
 e 07 27 09
 SS 07 34 24
 L 07 45.0

MAY 15
 U.S.C.G.S.
 13S, 166 1/2E
 New Hebrides Islands
 H = 09 43 46
 Resolute
 e 10 00 23
 eL 10 28 --

MAY 15
 Resolute
 eP 10 38 17

MAY 15
 Resolute
 eP 10 51 20
 e 10 56 02

MAY 15
 Ottawa
 eP 10 52 37

MAY 15
 U.S.C.G.S.
 Fiji Islands
 H = 18 41 23
 Resolute
 eP 18 59 05
 e 19 10 07
 e 19 16 25
 e 19 20 20

MAY 15
 Resolute
 iP 21 41 43 d

MAY 16
 U.S.C.G.S.
 12 1/2N, 161E
 Marshall Islands
 region
 H = 01 30 00



SEISMOLOGICAL BULLETIN - 1958

Horseshoe Bay
 eP 01 41 23
 Resolute
 iP 01 42 23 d

MAY 16
 U.S.C.G.S.
 52N, 173 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 02 04 06
 Banff
 iP 02.2 d
 Ottawa
 iP 02 14 17 d
 Resolute
 eP 02 11 25
 P_CP 02 13 41
 eS 02 17 25
 e 02 20 08
 Seven Falls
 eP 02 14 25
 Shawinigan Falls
 iP 02 14 21 d

MAY 16
 Ottawa
 eP 04 38 40 d

MAY 16
 Resolute
 eP 08 25 18
 e 08 26 26

MAY 16
 Resolute
 eP 13 17 20
 e 13 25 06
 e 13 47 23

MAY 16
 Resolute
 eP 16 25 20

MAY 16
 Victoria
 e 18 10 42.0 d_N
 e 18 10 43.2
 Local Shock

MAY 16
 Resolute
 eP 18 27 50

MAY 16
 Resolute
 eP 18 45 05

MAY 16
 U.S.C.G.S.
 18N, 68 1/2W
 Mona Passage
 H = 20 21 09
 Ottawa
 eP 20 27 05
 T 20 32 21
 Resolute
 iP 20 31 08 c
 e 20 31 22
 Shawinigan Falls
 eP 20 27 12
 T 20 33 01

MAY 16
 Resolute
 eP 22 51 38
 e 23 20 40
 e 23 31 16
 e 23 35 40

MAY 17
 U.S.C.G.S.
 32N, 11 1/2E
 Libya
 H = 05 25 34
 Ottawa
 eP 05 36 28

Resolute
 eP 05 36 07
 Seven Falls
 eP 05 36 28
 Shawinigan Falls
 eP 05 36 12

MAY 17
 U.S.C.G.S.
 3S, 147 1/2E
 Bismark Sea
 H = 07 02 25
 Resolute
 eP 07 16 18
 e 07 26 50
 eS 07 27 58
 SS 07 34 50

MAY 17
 Resolute
 eP 09 20 20

MAY 17
 Resolute
 iP 10 43 19 c

MAY 17
 U.S.C.G.S.
 51N, 179W
 Andreanof Islands,
 Aleutian Islands
 H = 15 38 20
 Ottawa
 eP 15 48 51
 Resolute
 eP 15 45 57
 eS 15 52 05
 e 15 55 06
 Shawinigan Falls
 eP 15 48 55

MAY 17
 Resolute
 eP 15 51 48 c

DOMINION OBSERVATORIES

MAY 17 Resolute eP 16 55 36	Horseshoe Bay e 05 35 12 e 05 35 33 Local Shock	Resolute PP 00 26 30 e 00 31 -- (PSPS) 00 40 00
MAY 17 Resolute e 23 56 04 i 23 56 27 Local Shock	MAY 18 U. S. C. G. S. 13S, 167E New Hebrides aftershock H = 12 21 18 Mag. 6-6 1/4 Halifax epPP 12 43 41 e(SPP) 12 54 18 eSS 13 00 14 Ottawa eP' 12 40 08 Resolute P 12 35 28 PP 12 39 44 e 12 46 13 eS 12 47 20 PS 12 49 02 SS 12 55 00 eL 13 05 -- Victoria eP 12 34 06 d eL 13 01 09	MAY 19 Resolute eP 01 47 13 e 01 49 50
MAY 18 U. S. C. G. S. 13S, 167E New Hebrides Islands H = 02 32 52 Mag. 6 1/4-6 1/2 Alberni eP 02 45 40 Halifax ePP 02 53 58 ePKS 02 55 18 eSS 03 11 46 eSSS 03 15 56 eL 03 23.4 Horseshoe Bay eP 02 45 44 Ottawa eP' 02 51 43 Resolute P 02 47 01 PP 02 51 17 e 02 55 38 e 02 57 40 eS 02 59 18 PS 03 00 32 e 03 02 44 SS 03 06 28 eL 03 16 -- Shawinigan Falls eP' 02 51 49 e 02 52 07	MAY 19 Resolute eP 02 28 25	MAY 19 Resolute eP 07 24 46 e 07 27 26
MAY 18 Alberni i 05 34 57.8 i 05 35 04.3	MAY 18 Ottawa eP 13 31 35	MAY 19 Resolute iP 16 26 01 e 16 31 14
	MAY 18 Resolute iP 22 51 27 c	MAY 20 U. S. C. G. S. 25S, 180 South of Fiji Islands H = 05 44 47 h = 550 km Resolute P' 06 02 25 SS 06 18 24

SEISMOLOGICAL BULLETIN - 1958

MAY 20 Resolute eP 06 52 05	MAY 21 Resolute iP 07 19 52 c	MAY 21 Resolute eP 15 03 44 e 15 11 06
MAY 20 Resolute eP 13 24 46	MAY 21 Resolute eP 09 51 25	MAY 21 Resolute eP 15 22 29 e 15 36 25 e 15 45 30
MAY 20 Resolute eP 14 34 11	MAY 21 Resolute iP 10 23 07 c e 10 40 -- e 10 43 --	MAY 21 44° 40'N, 72° 43'W Near Mt. Mansfield, Vermont H = 20 07 20.5 Mag. 2.4 Jean-de-Brebeuf iP ₁ 20 07 40.5 iS ₁ 20 07 54.6 eL 20 08 05 D = 118 km Ottawa iP ₁ 20 08 01.0 iS ₁ 20 08 31.5 eL 20 08 55 D = 252 km Shawinigan Falls Not recorded
MAY 20 Resolute eP 15 15 14 e 15 26 00 e 15 30 20	MAY 21 Resolute iP 12 02 14 c e 12 11 05	MAY 21 Resolute eP 13 45 11
MAY 20 Resolute eP 19 26 11 e 19 33 39 e 19 56 --	MAY 21 Resolute eP 13 45 11	MAY 21 U. S. C. G. S. 17 1/2N, 63W Leeward Islands H = 14 08 18 h = 150 km Ottawa eP 14 14 39 T 14 20 31 Resolute iP 14 18 12 c eS 14 26 17 eL 14 34.6 Seven Falls eP 14 14 43 Shawinigan Falls eP 14 14 42
MAY 20 Resolute e 23 34 30 i 23 34 35 Local Shock	MAY 21 U. S. C. G. S. 22N, 121E Near south coast of Formosa H = 04 45 24 h = 100 km Resolute eP 04 57 29 eS 05 07 20	MAY 22 U. S. C. G. S. 59 1/2N, 151W Kenai Peninsula, Alaska H = 02 27 45 Ottawa eP 02 36 14 Resolute eP 02 33 06 iP 02 33 20 eS 02 38 --

DOMINION OBSERVATORIES

MAY 22
U.S.C.G.S.
50 1/2N, 175W
Andreanof Islands,
Aleutian Islands
H = 11 32 50
Ottawa
iP 11 43 12 d
i 11 43 24
Resolute
eP 11 40 24
PP 11 42 06
PcP 11 42 29
eS 11 46 20
eL 11 49 --
Seven Falls
eP 11 43 19
Shawinigan Falls
eP 11 43 16
i 11 43 28

MAY 22
Resolute
i 12 31 26
Local Shock

MAY 22
Resolute
eP 14 47 15

MAY 22
U.S.C.G.S.
3S, 146E
Bismark Sea
H = 15 08 00
Resolute
eS 15 33 26

MAY 22
Alberni
i 20 13 36.4 d,S,E
e 20 14 07
Banff
i 20 14 08.2

Horseshoe Bay
i 20 13 22.8
i 20 13 40.9
Victoria
i 20 13 21.3 c,S,W
e 20 13 39.3
Local Shock

MAY 22
Resolute
eP 20 27 47

MAY 22
Alberni
i 21 56 14.6
e 21 56 45.0
Horseshoe Bay
i 21 56 00.3
e 21 56 17.5
Victoria
i 21 55 58.6 c,N
e 21 56 15.9
Local Shock

MAY 22
U.S.C.G.S.
52 1/2N, 167W
Fox Islands,
Aleutian Islands
H = 22 09 56
Ottawa
eP 22 19 39
Resolute
iP 22 16 58 (d)
eS 22 22 36
eL 22 24.8
ScS 22 27 24
Shawinigan Falls
eP 22 19 45

MAY 22
Alberni
i 22 15 10.7
Banff
i 22 16 18.3 d

Horseshoe Bay
i 22 14 56.6
i 22 15 15.2
Victoria
i 22 14 55.0 d,S
e 22 15 12.5
Local Shock

MAY 23
Resolute
eP 04 07 05
e 04 11 21
e 04 14 33

MAY 23
U.S.C.G.S.
44 1/2N, 116W
Idaho, U.S.A.
H = 06 49 47
Banff
iP 06 51 25.8 d
Horseshoe Bay
eP 06 51 27 (c)
Victoria
eP 06 51 21.4 c,S,W
eS 06 51 38.4
eL 06 53 10.2

MAY 23
Resolute
eP 07 05 54
i 07 12 40 d

MAY 23
Alberni
i 22 08 20.3
i 22 08 32.9
Horseshoe Bay
i 22 08 17.9
i 22 08 30.2
Victoria
i 22 08 02.9
e 22 08 06.9 c
Local Shock

SEISMOLOGICAL BULLETIN - 1958

MAY 23
Resolute
eP 23 29 24

MAY 23
Resolute
eP 23 51 09 d
iP 23 51 09.5 c

MAY 24
Resolute
eP 07 49 44
e 08 12 --
e 08 30 --

MAY 24
Resolute
e 10 34 00
e 10 43 --
eP 10 53 03

MAY 24
Ottawa
eP 10 50 03

MAY 24
U.S.C.G.S.
6S, 146E
New Guinea
H = 16 33 01
Ottawa
iP' 16 52 08 c
pP' 16 52 34

MAY 24
U.S.C.G.S.
40 1/2N, 125W
Off Cape Mendocino,
California
H = 23 04 42
Mag. 4 3/4
Alberni
eP 23 06 57
iP 23 06 59

Banff
eP 23 07 45
Horseshoe Bay
iP 23 06 59
i 23 07 34
iS 23 09 46
eL 23 10.7
Ottawa
eP 23 11 42 c
Resolute
iP 23 11 55 d
PP 23 13 20
eS 23 17 40
eL 23 20.3
Seven Falls
eP 23 12 08
Victoria
iP 23 06 46 d,S,E
iS 23 08 12
eL 23 09 14

MAY 25
U.S.C.G.S.
51 1/2N, 177W
Andreanof Islands,
Aleutian Islands
H = 14 54 30
Mag. 5 1/2-5 3/4
Banff
eP 15 01 47
Halifax
iP 15 05 36
eL 15 27.4
Horseshoe Bay
eP 15 01 16
Ottawa
iP 15 04 54 c
Resolute
eP 15 02 02 c
PP 15 03 36
PcP 15 04 11
eS 15 08 03
eL 15 10.7
ScS 15 10 59
Seven Falls
eP 15 05 01
Shawinigan Falls
iP 15 04 58 c
Victoria
iP 15 01 18 d,N
eS 15 06 38
eL 15 09 27

MAY 25
U.S.C.G.S.
31N, 129 1/2E
Near west coast of
Kyushu, Japan
H = 17 40 47
Resolute
eP 17 52 03
(eS) 18 01 14

DOMINION OBSERVATORIES

MAY 25
 U. S. C. G. S.
 3S, 77W
 Ecuador-Peru border
 region
 H = 21 11 45
 h = 100 km
 Mag. 6 1/2
 Halifax
 eP 21 20 30
 eP_cP 21 21 54
 eP_cS 21 25 52
 iS 21 27 32
 eS_cS 21 30 22
 Horseshoe Bay
 iP 21 22 23
 pP 21 22 41
 Ottawa
 eP 21 20 21
 P_cP 21 21 50
 S 21 27 20
 SS 21 30 15
 Resolute
 iP 21 23 40 d
 pP 21 24 07
 PP 21 26 45
 PPP 21 28 30
 iS 21 33 30
 Seven Falls
 eP 21 20 39
 S 21 27 50
 S_cS 21 30 27
 SSS 21 32 51
 Shawinigan Falls
 eP 21 20 32
 Victoria
 iP 21 22 21 c,S,E
 eS 21 31 05
 eL 21 42.5
 MAY 26
 Ottawa
 eP 02 50 01

MAY 26
 Seven Falls
 eP 03 11 31
 MAY 26
 U. S. C. G. S.
 3S, 77W
 Ecuador-Peru
 aftershock
 H = 08 49 47
 h = 100 km
 Alberni
 eP 09 00 29
 Horseshoe Bay
 eP 09 00 24
 Ottawa
 iP 08 58 24 c
 P_cP 08 59 48
 Resolute
 iP 09 01 42 c
 eS 09 11 32
 SS 09 16 27
 SSS 09 21 --
 G 09 22.6
 Seven Falls
 eP 08 59 40
 Shawinigan Falls
 eP 08 58 33 c
 Victoria
 iP 09 00 22 c,S,E
 MAY 26
 U. S. C. G. S.
 3 1/2S, 78 1/2W
 Ecuador-Peru border
 H = 09 06 51
 Ottawa
 eP 09 15 33
 Shawinigan Falls
 eP 09 15 43

MAY 26
 U. S. C. G. S.
 53N, 169 1/2W
 Fox Islands,
 Aleutian Islands
 H = 10 56 30
 Mag. 6-6 1/4
 Alberni
 eP 11 02 27
 Halifax
 iP 11 07 06 d
 eS 11 15 29
 e(PPS) 11 16 22
 Horseshoe Bay
 eP 11 02 32
 Ottawa
 eP 11 06 21 d
 i 11 06 51
 Resolute
 eP 11 03 31
 e 11 05 38
 P_cP 11 05 59
 eS 11 08 58
 Seven Falls
 eP 11 06 30
 Shawinigan Falls
 eP 11 06 25
 e 11 06 55
 Victoria
 iP 11 02 36 d,N,W
 MAY 26
 Horseshoe Bay
 eP 11 09 08
 Resolute
 iP 11 09 32 c
 e 11 11 38
 Victoria
 iP 11 09 10 c,E
 MAY 27
 U. S. C. G. S.
 36 1/2N, 26 1/2E
 Dodecanese Islands
 H = 18 27 28
 Halifax
 iP 18 38 12 c



SEISMOLOGICAL BULLETIN - 1958

Ottawa
 iP 18 38 56 c
 Resolute
 iP 18 37 50
 eS 18 46 03
 eL 18 52.7
 Seven Falls
 iP 18 38 33 c
 Shawinigan Falls
 iP 18 38 40 c
 MAY 27
 Horseshoe Bay
 i 18 53 15.8 d
 i 18 53 34.4
 Victoria
 i 18 53 14.1 d
 i 18 53 31.5
 Local Shock
 MAY 27
 Resolute
 iP 22 52 52 c
 iP 22 52 53 d
 e 22 53 05
 MAY 27
 U. S. C. G. S.
 5 1/2S, 146E
 Near north coast of
 New Guinea
 H = 23 32 43
 Ottawa
 eP' 23 51 49 d
 Resolute
 eS 23 57 18
 e 24 00 16
 SS 24 05 40
 Shawinigan Falls
 eP' 23 51 50 d
 MAY 28
 Resolute
 eP 13 24 50
 e 13 25 48

MAY 28
 Resolute
 eP 15 07 40
 e 15 11 33
 MAY 29
 Resolute
 e 02 46 25
 e 02 53 00
 MAY 29
 U. S. C. G. S.
 38N, 72 1/2E
 Tadjhik, S. S. R.
 H = 03 15 50
 Resolute
 iP 03 26 44 c
 eL 03 45 --
 MAY 29
 U. S. C. G. S.
 27 1/2N, 139 1/2E
 Bonin Islands region
 H = 05 21 29
 h = 450 km
 Alberni
 eP 05 32 27
 Banff
 eP 05 22 52
 Horseshoe Bay
 eP 05 32 21
 Resolute
 iP 05 32 10 d
 eS 05 40 57
 Victoria
 iP 05 32 24 d,N,W
 MAY 29
 U. S. C. G. S.
 16 1/2N, 97 1/2W
 Oaxaca, Mexico
 H = 06 59 11
 Banff
 eP 07 06 29

Horseshoe Bay
 eP 07 06 41 (c)
 Resolute
 iP 07 09 08 d
 eS 07 17 14
 SS 07 21 18
 eL 07 34 --
 Seven Falls
 eP 07 06 31
 Shawinigan Falls
 eP 07 06 18 d
 Victoria
 iP 07 06 36 d,S,E
 e 07 17 45
 eL 07 18.5
 MAY 29
 Resolute
 eP 21 33 11
 e 21 37 03
 e 21 38 10
 e 21 42 04
 MAY 30
 Resolute
 eP 01 21 00
 MAY 30
 U. S. C. G. S.
 7S, 154 1/2E
 Solomon Islands
 H = 05 50 26
 Resolute
 SS 06 23 17
 MAY 30
 Resolute
 e 14 12 19
 i 14 13 49
 i 14 14 35
 Local Shock

DOMINION OBSERVATORIES

MAY 30
 U.S.C.G.S.
 25N, 122E
 Near north coast of
 Formosa
 H = 16 11 40
 h = 100 km
 Resolute
 iP 16 23 29
 pPPP 16 29 06
 eS 16 33 16

MAY 30
 Alberni
 e 16 24 09
 Horseshoe Bay
 e 16 24 16
 Victoria
 i 16 24 15.9 c,S,E
 e 16 24 33.7
 Local Shock

MAY 30
 U.S.C.G.S.
 52 1/2N, 169W
 Fox Islands,
 Aleutian Islands
 H = 18 04 50
 Mag. 6-6 1/4
 Alberni
 eP 18 10 43
 eS 18 15 25
 eL 18 16.2
 Halifax
 eP 18 15 30 c
 iP 18 15 30.5 d
 eS 18 24 02
 eSS 18 28 16
 eSSS 18 31 12
 eL 18 34.2
 Horseshoe Bay
 eP 18 10 53
 ePcP 18 14 04
 eS 18 15 44
 eL 18 17.7

MAY 30
 Resolute
 eP 18 54 44
 e 18 55 53

MAY 30
 U.S.C.G.S.
 52 1/2N, 168 1/2W
 Fox Islands,
 Aleutian Islands
 H = 19 09 09
 Resolute
 eP 19 16 07
 PcP 19 18 36

Resolute
 iP 18 11 51 (c)
 PP 18 13 12
 PcP 18 14 23
 eS 18 17 35
 eL 18 20.0
 ScS 18 22 --

Saskatoon
 eP 18 12 03
 eS 18 17 47
 eL 18 22 46
 Seven Falls
 eP 18 14 53
 S 18 22 56
 SS 18 27 09
 L 18 29.3
 Shawinigan Falls
 eP 18 14 43 d
 eS 18 22 29
 Victoria
 eP 18 10 49.5 E
 ePcP 18 13 54
 eS 18 15 33

MAY 30
 Resolute
 eP 18 54 44
 e 18 55 53

MAY 30
 Resolute
 eP 19 36 37

MAY 30
 U.S.C.G.S.
 Fiji Islands region
 H = 21 20 05
 Ottawa
 iP' 21 37 59 d

MAY 30
 Alberni
 i 21 23 44.6
 i 21 24 03.6
 Horseshoe Bay
 i 21 23 47.9 d
 i 21 24 04.4
 Victoria
 i 21 23 29.4 c,S,E
 e 21 23 32.2
 Local Shock

MAY 30
 Resolute
 eP 23 17 15
 e 23 18 22

MAY 31
 Resolute
 e 03 02 22

MAY 31
 Resolute
 e 04 09 12
 e 04 15 36
 e 04 22 27

MAY 31
 Alberni
 i 07 35 41.9
 e 07 36 18.3
 Banff
 e 07 37 11
 Horseshoe Bay
 i 07 36 01.6
 i 07 36 51.0

SEISMOLOGICAL BULLETIN - 1958



Victoria
 i 07 35 51.2 c,N,E
 e 07 36 36.3
 Local Shock

MAY 31
 Resolute
 e 07 49 25
 e 07 52 24

MAY 31
 U.S.C.G.S.
 21 1/2S, 64W
 Southern Bolivia
 H = 08 01 27

Banff
 iP 08 14 03 d
 Horseshoe Bay
 iP 08 14 22 d
 Ottawa
 iP 08 12 28 d
 Resolute
 iP 08 15 08 c
 Seven Falls
 eP 08 12 38
 Shawinigan Falls
 iP 08 12 34 d

MAY 31
 Victoria
 iP 10 52 24 d,S,W

MAY 31
 Resolute
 eP 11 46 46
 i 11 47 33
 i 11 51 25
 Local Shock

MAY 31
 Resolute
 eP 14 31 52

MAY 31
 U.S.C.G.S.
 15S, 169E
 New Hebrides Islands
 H = 19 32 30
 Mag. 7 1/2

Alberni
 iP 19 45 20 (d)
 eS 19 56 04
 ePS 19 57 14
 eL 20 01.7

Banff
 eP 19.7 (d)

Halifax
 eP' 19 51 39 c
 iP' 19 51 45 d
 ePP 19 53 31
 iPKS 19 54 57
 i 20 02 00
 iPS 20 03 34
 e(PPS) 20 06 32
 ISS 20 11 00
 iSSS 20 15 44
 Horseshoe Bay
 eP 19 45 29 (c)
 iS 19 56 19
 iPS 19 57 35
 eG 20 10.0

Ottawa
 eP' 19 51 20
 PP 19 52 40
 SKS 19 58 20
 SKKS 19 59 20
 e 20 00 44
 PKKP 20 01 42
 PS 20 02 37
 e 20 04 24
 SKKP 20 05 15
 SS 20 09 06
 Resolute
 eP 19 46 48 (d)
 PP 19 51 01
 e(SKS) 19 57 35
 eS 19 58 48
 PS 20 00 28
 SS 20 06 28

Saskatoon
 eSKS 19 57 04
 eS 19 57 59
 ePS 19 59 10
 eSS 20 04 23
 eSSS 20 08 11

Seven Falls
 eP' 19 51 27
 PP 19 52 52
 e 19 54 25
 SKS 19 58 32
 SKKS 20 00 04
 PS 20 02 58
 PPS 20 04 38
 e 20 05 48
 SS 20 10 03
 SSS 20 14 03
 Shawinigan Falls
 eP' 19 51 25 d
 PP 19 52 53

Victoria
 iP 19 45 22 c,N,E
 ePP 19 48 57
 eSKS 19 55 37
 eS 19 56 03
 ePS 19 57 17
 ePPS 19 57 58
 eL 20 08.6

MAY 31
 Resolute
 eP 20 02 36

MAY 31
 Alberni
 i 21 34 53.9
 e 21 35 21.0
 Horseshoe Bay
 i 21 35 05.0
 i 21 35 54.5
 Victoria
 i 21 34 52.9 (c),E

JUNE 1
 Banff
 iP 02 37 46 d

DOMINION OBSERVATORIES

Victoria iP 02 36 33 c,S,E e 02 37 25 e 02 38 08	Alberni eP 18 25 03 Banff eP 18 25 31 Horseshoe Bay iP 18 25 10 Ottawa eP 18 29 07 Resolute iP 18 26 17 c e 18 28 24 eS 18 30 22 e 18 31 26 e 18 35 12 Seven Falls eP 18 29 16 Shawinigan Falls eP 18 29 12 e 18 29 29 L 18 43 17 Victoria iP 18 25 17 d,S,E eL 18 30 13	JUNE 2 Resolute eP 10 37 36 e 10 41 29 JUNE 2 Horseshoe Bay eP 18 42 45 JUNE 2 Alberni e 21 20 50.1 e 21 21 03.1 Horseshoe Bay e 21 20 45.4 e 21 20 55.2 Victoria i 21 20 37.5 c,S i 21 20 40.3 Local Shock JUNE 3 U. S. C. G. S. 51 1/2N, 178 1/2W Andreanof Islands, Aleutian Islands H = 01 49 36 Horseshoe Bay eP 01 56 29 Resolute eP 01 57 12 d (PcP) 01 59 17 i 02 00 07 c eS 02 03 02 SS 02 06 -- eL 02 11 -- JUNE 3 Resolute eP 05 19 17 JUNE 3 Resolute i 06 22 46 i 06 23 16 Local Shock
JUNE 1 Ottawa eP 02 42 40 Resolute e 02 49 32	JUNE 1 U. S. C. G. S. 52 1/2N, 160E Near east coast of Kamchatka H = 04 00 06 Ottawa eP 04 11 24 Resolute iP 04 08 12 d PP 04 09 57 eS 04 14 40 ScS 04 18 08 Seven Falls eP 04 11 27 Shawinigan Falls eP 04 11 26 pP 04 11 47	JUNE 1 U. S. C. G. S. 18S, 69W Bolivia-Chile border H = 10 40 17 h = 150 km Ottawa eP 10 50 34
JUNE 1 U. S. C. G. S. 60 1/2N, 143 1/2W Alaska H = 18 21 17	JUNE 1 Resolute iP 23 06 58 c	JUNE 1 U. S. C. G. S. 60 1/2N, 143 1/2W Alaska H = 18 21 17

SEISMOLOGICAL BULLETIN - 1958

JUNE 3 Resolute eP 13 57 33 e 14 00 17	Shawinigan Falls eP' 19 50 45 Victoria eP 19 44 44 N ePP 19 48 18 ePPP 19 50 25 eSKKS 19 55 28 iS 19 55 38 ePS 20 01 41	Alberni eP 14 35 32 Banff eP 14 36 10 d Halifax eP 14 40 21 iS 14 48 47 eScS 14 50 11 eSS 14 52 56 Horseshoe Bay eP 14 35 43 Ottawa eP 14 39 34 PcP 14 40 29 S 14 47 24 ScS 14 49 22 SS 14 51 08 SSS 14 53 22 Resolute iP 14 36 48 c PcP 14 39 15 eS 14 42 23 eL 14 44 30 Saskatoon eP 14 36 48 eS 14 42 30 Seven Falls eP 14 39 40 PP 14 41 53 S 14 47 38 ScS 14 49 39 SS 14 51 51 SSS 14 54 02 L 14 56 32 Shawinigan Falls eP 14 39 41 Victoria eP 14 35 40 S ePP 14 36 32 eS 14 40 27 eSS 14 41 53		
JUNE 3 Horseshoe Bay i 16 28 38.2 i 16 28 40.8 Local Shock	JUNE 3 Resolute eP 20 01 36 PP 20 05 41	JUNE 3 U. S. C. G. S. 15S, 168E New Hebrides Islands H - 19 31 52 Mag. 6 1/2 Banff eP 19 45 09 Halifax eP' 19 50 54 c ePP 19 53 03 iPcP 19 54 19 eSKS 19 57 48 ePS 20 03 05 ePPS 20 04 39 eL 20 29.7 Horseshoe Bay iP 19 44 47 c Ottawa eP' 19 50 42 d Resolute eP 19 46 09 d PP 19 50 17 SKS 19 56 46 eS 19 58 12 PS 20 00 00 SS 20 05 50 Seven Falls eP' 19 50 48 e 19 51 56 PP 19 52 25 e 19 53 51 SKS 19 57 44 SKKS 19 58 51 PS 20 02 19 PPS 20 03 43 SS 20 08 40	JUNE 4 Resolute eP 00 18 06 c JUNE 4 Resolute eP 03 44 46 d e 04 22 -- e 04 28 -- JUNE 4 U. S. C. G. S. 7S, 145E New Guinea H = 09 47 39 h = 150 km Ottawa eP' 10 06 32 Resolute PP 10 05 47 Shawinigan Falls eP' 10 06 34	JUNE 4 U. S. C. G. S. 52 1/2N, 167W Fox Islands, Aleutian Islands H = 14 29 50 Mag. 6-6 1/4
JUNE 3 U. S. C. G. S. 60 1/2N, 143 1/2W Alaska H = 18 21 17	JUNE 4 Resolute eP 02 06 16	JUNE 5 Resolute eP 02 06 16		

DOMINION OBSERVATORIES

<p>JUNE 5 U. S. C. G. S. 5 1/2S, 151 1/2E New Britain H = 02 14 16 Ottawa eP' 02 33 16</p> <p>JUNE 5 Resolute iP 04 40 10 c</p> <p>JUNE 5 U. S. C. G. S. 10 1/2S, 166E Santa Cruz Islands H = 08 21 07 Resolute (PPS) 08 48 40 PSPS 08 54 26 eL 09 03 -- Victoria eP 08 33 51 c,N,E</p> <p>JUNE 5 Resolute eP 11 08 00 e 11 49 30</p> <p>JUNE 5 U. S. C. G. S. 12 1/2N, 86 1/2W Near coast of Nicaragua H = 13 23 57 Ottawa eP 13 30 48 Resolute eP 13 34 24 Seven Falls eP 13 31 12 Shawinigan Falls iP 13 30 56 d</p>	<p>JUNE 5 U. S. C. G. S. 36 1/2N, 20E Off coast of Greece H = 13 29 42 h = 100 km Ottawa eP 13 40 49 Resolute eP 13 40 00 e 13 47 -- e 13 52 -- Seven Falls eP 13 40 30 Shawinigan Falls eP 13 40 42</p> <p>JUNE 5 Resolute eP 17 36 35</p> <p>JUNE 6 Resolute eP 00 29 24</p> <p>JUNE 6 U. S. C. G. S. 8N, 84 1/2W Off coast of Costa Rica H = 09 11 14 Mag. 6 1/2-6 3/4 Alberni eP 09 20 41 Banff eP 09 20 10 c Halifax iP 09 19 05 d ePP 09 20 36 iS 09 25 15 iSS 09 28 11 Horseshoe Bay eP 09 20 30 eS 09 28 05</p>	<p>Ottawa iP 09 18 35 c i 09 18 47 PP 09 20 06 S 09 24 30 SS 09 27 00 S_CS 09 29 04 Resolute iP 09 22 09 c PP 09 24 40 PPP 09 26 20 iS 09 31 00 SS 09 35 18 L 09 38.4</p> <p>Saskatoon eP 09 19 55 e 09 21 55 eS 09 26 52 eL 09 34.5</p> <p>Seven Falls eP 09 18 58 i 09 19 10 PP 19 20 38 e 09 21 33 e 09 23 29 S 09 24 52 e 09 25 14 G 09 27 32</p> <p>Shawinigan Falls eP 09 18 49 c i 09 19 01 PP 09 20 32 S 09 25 08 SS 09 27 51 Victoria iP 09 20 27 c,N,W</p> <p>JUNE 6 U. S. C. G. S. Costa Rica aftershock H = 15 52 10 Ottawa eP 15 59 32</p>
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<p>JUNE 6 Resolute i 15 31 04 c i 15 33 25 Local Shock</p> <p>JUNE 6 U. S. C. G. S. Costa Rica aftershock H = 15 52 10 Resolute eS 16 12 02 eL 16 23 --</p> <p>JUNE 6 U. S. C. G. S. 5 1/2N, 82 1/2W South of Costa Rica H = 19 15 28 Mag. 6 Halifax eP 19 23 28 e 19 26 29 iS 19 29 57 iSS 19 33 09 eL 19 35.2</p> <p>Horseshoe Bay eP 19 25 05 Ottawa iP 19 23 06 d PP 19 24 50 e 19 25 06 PPP 19 25 36 S 19 29 24 G 19 32 15 Resolute eP 19 26 37 eS 19 35 45 e 19 39 -- eL 19 43.5</p> <p>Seven Falls eP 19 23 26 pP 19 24 20 S 19 29 53 i 19 33 01 i 19 33 08 SS 19 32 17 L 19 35 33</p>	<p>Shawinigan Falls eP 19 23 22 c e 19 25 05 Victoria eP 19 25 07 c,W</p> <p>JUNE 6 U. S. C. G. S. 8N, 84 1/2W Off coast of Costa Rica H = 22 44 05 Ottawa eP 22 51 25 S 22 57 20 Resolute eP 22 55 02 eS 23 03 50 e 23 07 20 eL 23 11 -- Seven Falls eP 22 51 49 S 22 57 54 SS 23 01 12 Shawinigan Falls eP 22 51 40</p> <p>JUNE 7 U. S. C. G. S. 6 1/2N, 82 1/2W South of Panama H = 00 28 45 Banff iP 00 45 05 d Ottawa eP 00 36 22 Victoria eP 00 44 40 d eS 00 49 44</p> <p>JUNE 7 U. S. C. G. S. 5S, 150 1/2E New Britain H = 03 23 42 h = 150 km Resolute (P'P') 04 02 --</p>	<p>JUNE 7 U. S. C. G. S. 53S, 140E South of Tasmania H = 12 55 01 Resolute eP' 13 14 53 iP 13 14 58 c SS 13 37 37 SSS 13 43 -- eL 13 56 --</p> <p>JUNE 8 U. S. C. G. S. 53N, 167W Fox Islands, Aleutian Islands H = 00 38 52 Mag. 6 1/2-6 3/4 Alberni eP 00 44 31 Halifax eP 00 49 12 iS 00 57 39 e(S_CS) 00 59 49 SS 01 01 47 eSSS 01 04 44 eL 01 09.0 Horseshoe Bay eP 00 44 38 Ottawa eP 00 48 32 d PP 00 50 35 S 00 56 20 Resolute iP 00 45 46 P_CP 00 48 18 eS 00 51 12 eL 00 53.4 Seven Falls eP 00 48 40 d Shawinigan Falls eP 00 48 36 d</p> <p>JUNE 8 Resolute eP 01 00 05</p>
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DOMINION OBSERVATORIES

JUNE 8
Alberni
i 04 49 22.4
i 04 49 26.0
Local Shock

Horseshoe Bay
i 10 38 45.7 c
e 10 38 58.1
Local Shock

Horseshoe Bay
i 23 20 11.8
Victoria
i 23 20 17.2
i 23 20 28.0
Local Shock

JUNE 8
U.S.C.G.S.
16S, 75W
Near coast of
Southern Peru
H = 15 52 23
Ottawa
iP 16 02 40 d

JUNE 8
U.S.C.G.S.
7N, 34 1/2W
Atlantic Ocean
H = 21 09 23
Ottawa
eP 21 18 37
Resolute
eP 21 21 09 c
eS 21 30 47
SS 21 35 28
eL 21 39.2
Shawinigan Falls
iP 21 18 39 d

JUNE 9
Resolute
i 09 34 37
i 09 35 16
Local Shock

JUNE 9
Resolute
eP 10 15 47 d

JUNE 9
Alberni
e 10 38 51.3

JUNE 9
U.S.C.G.S.
52 1/2 N, 168W
Fox Islands,
Aleutian Islands
H = 15 59 00
Halifax
eL 16 32.7
Ottawa
eP 16 08 49
Resolute
eP 16 06 03 d
P_cP 16 08 33
Seven Falls
eP 16 08 56
Shawinigan Falls
eP 16 08 53 d

JUNE 9
Resolute
eP 16 21 19 (d)

JUNE 9
Resolute
eP 17 42 54 (d)

JUNE 9
U.S.C.G.S.
54 1/2N, 160 1/2E
Near east coast of
Kamchatka
H = 21 16 58
Resolute
iP 21 24 52 d

JUNE 9
Alberni
i 23 20 10.0
i 23 20 19.7

JUNE 9
Resolute
i 23 45 33
i 23 45 53
Local Shock

JUNE 10
U.S.C.G.S.
53N, 167W
Fox Islands,
Aleutian Islands
H = 00 10 30
Halifax
eL 00 42.7
Ottawa
eP 00 20 17
Resolute
eP 00 17 27
eS 00 23 04
eL 00 25.1
Seven Falls
eP 00 20 24
Shawinigan Falls
eP 00 20 21

JUNE 10
Resolute
eP 00 33 09 d

JUNE 10
U.S.C.G.S.
30 1/2S, 177W
Kermadec Islands
H = 04 00 04
Ottawa
eP' 04 18 55



SEISMOLOGICAL BULLETIN - 1958

Resolute
eP 04 18 50 d
iP 04 19 06 c
eS 04 28 16
PS 04 30 00
SS 04 36 27
eL 04 54 --

JUNE 10
U.S.C.G.S.
27 1/2N, 140E
Bonin Islands region
H = 04 53 35
h = 500 km
Halifax
eL 05 02.6
Resolute
iP 05 04 12 c
pP 05 05 35

JUNE 10
U.S.C.G.S.
30 1/2N, 51 1/2E
Western Iran
H = 07 04 02
Ottawa
iP 07 17 07 d
Resolute
iP 07 15 34 c
e 07 16 33
eS 07 25 07
SS 07 29 30
eL 07 33.6
Seven Falls
eP 07 16 48 d
Shawinigan Falls
eP 07 16 55 c

JUNE 10
Resolute
eP 08 38 36

JUNE 11
Resolute
iP 21 33 07

JUNE 12
U.S.C.G.S.
7 1/2N, 84 1/2W
Off coast of Costa
Rica
H = 11 54 04
Mag. 6-6 1/4
Banff
eP 12 03 03 c
Halifax
eSS 12 11 11
eL 12 16.1
Horseshoe Bay
eP 12 03 23
Ottawa
eP 12 01 28 d
Resolute
eP 12 05 01
eS 12 13 56
SS 12 18 10
eL 12 21.2
Seven Falls
eP 12 01 49 d
Shawinigan Falls
eP 12 01 42
Victoria
eP 12 03 19 c,N,W

JUNE 12
U.S.C.G.S.
53N, 167W
Fox Islands,
Aleutian Islands
H = 20 52 57
Mag. 6 1/2
Alberni
eP 20 58 41
Banff
eP 20 59 19 d
Halifax
eP 21 03 30 (d)
ePP 21 05 52
ePPP 21 07 32
iS 21 11 59
iSS 21 16 06
eL 21 21.5
Horseshoe Bay
eP 20 58 50
e 21 03 35

Ottawa
iP 21 02 41 d
P_cP 21 03 41
PP 21 05 07
S 21 10 36
S_cS 21 12 32
SS 21 14 14
SSS 21 16 52
Resolute
eP 20 59 54
P_cP 21 02 24
eS 21 05 30
eL 21 07.5
Saskatoon
eS 21 05 37
Seven Falls
eP 21 02 48 d
S 21 10 50
S_cS 21 12 40
SS 21 15 02
SSS 21 17 08
Shawinigan Falls
eP 21 02 45
Victoria
eP 20 58 49
i 20 58 52
eS 21 03 38
eL 21 06.0

JUNE 12
U.S.C.G.S.
53N, 167W
Fox Islands
Aleutian Islands
H = 21 33 25
Ottawa
eP 21 43 08
Resolute
iP 21 40 21 c
P_cP 21 42 52
Seven Falls
eP 21 43 13

JUNE 12
Ottawa
eP 21 37 42

DOMINION OBSERVATORIES

JUNE 12 Resolute eP 22 25 02	JUNE 14 Resolute eP 10 29 06	JUNE 15 U. S. C. G. S. 9S, 150E Near coast of New Guinea H = 11 32 38 Ottawa eP' 11 51 46 Resolute PP 11 51 12 SKS 11 57 30 S 11 58 44 PS 12 00 25 SS 12 06 16
JUNE 13 Resolute eP 10 23 06 iP 10 23 07 c	JUNE 14 Resolute e 12 54 20	JUNE 15 U. S. C. G. S. 18S, 178 1/2W Fiji Islands H = 14 54 37 h = 600 km Mag. 6 1/4 Alberni eP 15 06 03 Banff eP 15 06 33 Halifax eS 15 21 05 e 15 22 33 e 15 25 34 eSS 15 29 47 Ottawa eP' 15 12 05 PKKP 15 23 20 Resolute P 15 07 50 pP 15 09 52 (PP) 15 12 02 SKS 15 17 32 S 15 18 58 SP 15 20 33 sSP 15 24 08 SS 15 26 20 SSS 15 29 40 Victoria eP 15 06 04
JUNE 13 U. S. C. G. S. 50S, 126E South of Australia H = 10 58 44 Resolute eP 11 18 33 e 11 28 10 e 11 41 23 e 11 47 16 Seven Falls eP ₁ ' 11 18 58	JUNE 14 U. S. C. G. S. 12N, 161 1/2E Marshall Islands H = 18 29 59 Resolute iP 18 42 21 c e(PP) 18 45 12 L 19 08 --	JUNE 15 U. S. C. G. S. 20S, 178W Fiji Islands H = 02 41 10 h = 550 km Resolute (P') 02 58 35 Victoria iP 02 52 45 c
JUNE 14 Alberni eP 03 11 15 Horseshoe Bay iP 03 11 07 d Victoria iP 03 10 54 c,N,W	JUNE 15 U. S. C. G. S. 25N, 142 1/2E Volcano Islands h = 60 km Alberni eP 19 18 17 Horseshoe Bay eP 19 18 21 Resolute iP 19 18 19 c eS 19 27 50 SS 19 32 -- Victoria iP 19 18 22 c,S,E	JUNE 16 U. S. C. G. S. 13N, 88 1/2W Near coast of El Salvador H = 14 31 59 h = 100 km Ottawa eP 14 38 41 Resolute eP 14 42 12 eS 14 50 30 SS 14 55 -- SSS 14 57 40 PKKP 15 00 36
JUNE 14 Resolute iP 06 12 04 c i 06 13 08	JUNE 15 Resolute eP 08 39 22 e 08 47 14 e 08 47 34	JUNE 16 U. S. C. G. S. 7 1/2S, 80W Near coast of Peru H = 14 56 58
JUNE 14 Resolute eP 08 15 10		

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JUNE 15 Resolute eP 15 23 26	JUNE 16 Resolute eP 03 52 32 (c)	Resolute eP 15 09 20
JUNE 15 U. S. C. G. S. 9 1/2S, 150E Near coast of New Guinea H = 17 20 56 Ottawa eP' 17 40 07 Resolute PP 17 39 25 SKS 17 45 48 eS 17 47 16 PS 17 48 44 SS 17 54 20	JUNE 16 Resolute eP 08 20 05	JUNE 17 U. S. C. G. S. 43N, 141E Hokkaido, Japan H = 00 27 00 Ottawa eP 00 39 41 Resolute iP 00 36 46 c
JUNE 15 Resolute iP 19 06 14 c e 19 20 40 e 19 24 --	JUNE 16 Resolute eP 14 21 02 e 14 22 43	JUNE 17 Resolute iP 13 14 33 c
JUNE 16 Victoria eP 00 37 22	JUNE 16 U. S. C. G. S. 13N, 88 1/2W Near coast of El Salvador H = 14 31 59 h = 100 km Ottawa eP 14 38 41 Resolute eP 14 42 12 eS 14 50 30 SS 14 55 -- SSS 14 57 40 PKKP 15 00 36	JUNE 17 U. S. C. G. S. 27N, 141E Bonin Islands region H = 15 07 30 Resolute eP 15 18 55 i 15 19 12
JUNE 16 U. S. C. G. S. 14 1/2S, 167 1/2E New Hebrides Islands H = 01 10 12 h = 100 km Resolute P'P' 01 48 40 G 01 54 --	JUNE 16 Resolute iP 02 11 03 c	JUNE 17 U. S. C. G. S. 25N, 142 1/2E Volcano Islands h = 60 km Alberni eP 19 18 17 Horseshoe Bay eP 19 18 21 Resolute iP 19 18 19 c eS 19 27 50 SS 19 32 -- Victoria iP 19 18 22 c,S,E

DOMINION OBSERVATORIES

JUNE 18
U. S. C. G. S.
68 1/2N, 16W
Off coast of Iceland
H = 01 15 02
Halifax
e(S) 01 27 14
eSS 01 28.9
Ottawa
iP 01 22 19 c
Resolute
eP 01 20 09
eS 01 24 20
Seven Falls
eP 01 21 51 c
S 01 27 20
SS 01 29 42
L 01 32 39
Shawinigan Falls
eP 01 22 01

JUNE 18
U. S. C. G. S.
69N, 16W
Iceland aftershock
H = 02 23 27
Ottawa
eP 02 30 44
Resolute
eP 02 28 35
eS 02 32 48
e 02 34 20

JUNE 18
U. S. C. G. S.
69N, 16W
Iceland aftershock
H = 04 34 04
Ottawa
eP 04 41 19
Resolute
eP 04 39 10
eS 04 43 20
e 04 45 00
e 04 47 00
Seven Falls
eP 04 40 50

JUNE 18
U. S. C. G. S.
14 1/2N, 94W
Off south coast of
Mexico
H = 06 40 40
Resolute
eP 06 50 48
eS 06 59 05
eL 07 14 --

JUNE 19
Alberni
i 01 43 13.6
Victoria
i 01 43 19.7 d,E
Local Shock

JUNE 19
U. S. C. G. S.
59N, 136W
Alaska-Yukon border
H = 03 21 56
Resolute
eP 03 26 45
e 03 33 09
e 03 35 02

JUNE 19
U. S. C. G. S.
15 1/2N, 92W
Mexico-Guatemala
border
H = 04 01 08
h = 100 km

Ottawa
iP 04 07 38 c
pP 04 08 04
Resolute
iP 04 11 02 c
Seven Falls
eP 04 08 06
pP 04 08 32

JUNE 19
U. S. C. G. S.
49 1/2N, 156E
Kurile Islands
H = 05 18 00
Mag. 6 1/2
Halifax
iP 05 30 07 c
eS 05 40 05
eSS 05 48.9
Ottawa
eP 05 29 43 d
Resolute
iP 05 26 35 c
PP 05 28 28
eS 05 33 26
SS 05 37 18
Seven Falls
eP 05 29 45 d
S 05 39 22
SS 05 44 45
SSS 05 48 15
Shawinigan Falls
eP 05 29 45
Victoria
eP 05 26 59 c,S,E
eS 05 34 11

JUNE 19
Resolute
eP 08 47 50

JUNE 19
U. S. C. G. S.
Near coast of
Guerrero, Mexico
H = 09 48 50

SEISMOLOGICAL BULLETIN - 1958

Ottawa
eP 09 55 47 c
Resolute
eP 09 58 48

JUNE 19
Alberni
i 11 53 58.4
e 11 55 03.6
Victoria
i 11 53 57.3 c,S,E
i 11 55 02.9
Local Shock

JUNE 19
Resolute
e 13 53 35
e 14 00 53
Local Shock

JUNE 19
U. S. C. G. S.
52 1/2S, 140E
South of Tasmania
H = 18 02 15
Resolute
eP 18 22 05
SS 18 44 40

JUNE 19
Alberni
i 21 50 38.1
i 21 50 44.9
Horseshoe Bay
e 21 50 49.3
Victoria
i 21 50 47.3 c,N,W
e 21 51 01.2
Local Shock

JUNE 20
U. S. C. G. S.
16S, 173W
Samoa Islands region
H = 00 47 58

Resolute
eS 01 13 30
SS 01 20 40

JUNE 20
U. S. C. G. S.
20 1/2S, 179W
Fiji Islands
H = 17 32 36
h = 600 km
Resolute
pP 17 48 20

JUNE 20
U. S. C. G. S.
31 1/2N, 129 1/2E
Off coast of Kyushu,
Japan
H = 19 17 10
Resolute
eP 19 28 23

JUNE 20
Resolute
iP 22 27 01 c

JUNE 21
U. S. C. G. S.
33N, 42W
North Atlantic Ocean
H = 03 25 09
Resolute
eP 03 34 04
eS 03 41 12
eL 03 47.2

JUNE 21
Resolute
iP 10 39 22 d

JUNE 21
Resolute
e 12 26 42
e 12 28 44

JUNE 21
U. S. C. G. S.
Near southeast coast
of Kamchatka
H = 23 39 30
Ottawa
eP 23 50 50
Resolute
eP 23 47 36 c
iP 23 47 37 d

JUNE 22
U. S. C. G. S.
44N, 147E
Southern Kurile
Islands
H = 04 57 38
Ottawa
eP 05 10 07
Resolute
iP 05 07 11.5 d
iP 05 07 12 c

JUNE 22
U. S. C. G. S.
37N, 135E
Sea of Japan
H = 05 29 29
h = 350 km
Ottawa
eP 05 42 06
Resolute
iP 05 39 25 c
P_cP 05 39 59

JUNE 22
Seven Falls
eP 14 40 47

JUNE 23
U. S. C. G. S.
49N, 109E
Outer Mongolia
H = 05 10 03

DOMINION OBSERVATORIES

Halifax eS 05 33 19 eL 05 51.2	Shawinigan Falls eP' 00 28 29	JUNE 24 Resolute eP 22 06 40
Ottawa eP 05 22 46	JUNE 24 Resolute eP 04 06 04	JUNE 24 Resolute eP 23 33 54
Resolute eP 05 19 44 eS 05 27 31 eL 05 33.3	JUNE 24 U. S. C. G. S. 40 1/2N, 78 1/2E	JUNE 25 Resolute eP 01 24 59
Seven Falls eP 05 22 36	Western Sinkiang Province, China H = 04 48 15	JUNE 25 Resolute iP 02 00 21 c
Shawinigan Falls eP 05 22 39	Ottawa eP 05 01 26	JUNE 25 Resolute iP 04 32 22 c,S,E
JUNE 23 Resolute eP 07 21 38	Resolute eP 04 58 58.5 e 05 07 34	JUNE 25 Victoria eP 09 46 33
JUNE 23 Resolute i 16 53 13 i 16 53 40 Local Shock	Seven Falls eP 05 01 13	JUNE 25 Resolute eP 09 46 21
JUNE 23 Resolute eP 17 23 03	Shawinigan Falls eP 05 01 17 c	Seven Falls eP 09 46 40
JUNE 24 U. S. C. G. S. 8 1/2S, 112E Near south coast of Java H = 00 09 18 h = 200 km	JUNE 24 Halifax e 06 59 52 e 07 01 27 eL 07 20.4	Shawinigan Falls eP 09 46 36
Halifax iP' 00 28 33 c	Resolute eP 06 55 06 e 07 06 -- e 07 13 --	JUNE 25 U. S. C. G. S. 3S, 144 1/2E Near north coast of New Guinea H = 09 36 30 Mag. 6 1/4-6 1/2
Ottawa eP' 00 28 31 d pP' 00 29 32	JUNE 24 Victoria eP 09 40.7 (d,N,E)	Halifax eP' 09 55 54 c ePP 09 58 24 c ePKS 09 59 20 ePPP 10 00 45 eSKS 10 13 13 eSKKS 10 15 25
Resolute P' 00 27 36 PS 00 38 08	JUNE 24 Resolute eP 10 41 10 d iP 10 41 11 c	
Seven Falls eP' 00 28 31	JUNE 24 Resolute iP 18 47 48 c	

SEISMOLOGICAL BULLETIN - 1958

Ottawa eP' 09 55 35 PKS 09 59 05 SKS 10 02 34 PS 10 07 24 SS 10 14 16	Seven Falls eP' 13 02 57	Banff iP 04 46 39 c
Resolute eP 09 50 26 PP 09 54 28 S 10 02 00 sS 10 09 --	Shawinigan Falls eP' 13 02 53	Halifax iP 04 49 54 d i 04 50 24 d iS 04 59 18 e(SSS) 05 07 48
Seven Falls eP' 09 55 41 PKS 09 59 24 SKS 10 03 04 SKKS 10 04 31 PS 10 08 05 SS 10 15 07	JUNE 25 Resolute eP 18 04 45	Horseshoe Bay iP 04 46 35 c
Shawinigan Falls eP' 09 55 40	JUNE 25 Ottawa eP 23 13 44	Ottawa eP 04 49 24 c e 04 49 50 i 04 49 55 PP 04 52 02 S 04 58 22 PS 04 59 03 PPS 04 59 13
Victoria eP 09 49.9	Shawinigan Falls eP 23 13 48	Resolute iP 04 46 08.5 d e 04 51 37 iS 04 52 22
JUNE 25 Resolute eP 10 06 33	JUNE 25 U. S. C. G. S. 52N, 152 1/2E Sea of Okhotsk H = 23 24 03 h = 450 km	Seven Falls eP 04 49 26 pP 04 49 56 S 04 58 27 PS 04 59 16 PPS 04 59 27 e 04 59 57 SS 05 02 57 SSS 05 06 01
JUNE 25 Resolute i 12 40 58 i 12 41 10 Local Shock	Ottawa eP 23 34 55	Shawinigan Falls eP 04 49 25 i 04 49 56 e 04 52 28 S 04 58 25 PPS 04 59 13
JUNE 25 U. S. C. G. S. 5S, 152E New Britain H = 12 43 55	Resolute iP 23 31 45 c P _c P 23 33 08	Victoria iP 04 46 39 c,S,E eS 04 48 31 e 04 51 53 e 04 53 17
Horseshoe Bay eP 12 57 01	Shawinigan Falls eP 23 34 54	JUNE 26 U. S. C. G. S. 54 1/2N, 159 1/2E
Ottawa eP' 13 02 53 i 13 03 08	JUNE 26 Resolute P' 12 57 48 PP 13 02 12	Kamchatka H = 04 38 12 Mag. 6 1/2-6 3/4
		Albarni iP 04 46 30 c
		JUNE 26 U. S. C. G. S. 14N, 125 1/2E Ryukyu Islands H = 07 39 21

DOMINION OBSERVATORIES

Resolute eP 07 51 20 d iP 07 51 20.5 c	Ottawa iP 05 51 12 c pP 05 51 27 PP 05 52 32 PPP 05 52 52 e 05 53 05 P _c P 05 54 04 S 05 56 32 e 05 57 05 T 05 57 26 SS 05 58 21 e 06 00 20 S _c S 06 02 04 L 06 03.3	JUNE 28 U. S. C. G. S. 12N, 162E Marshall Islands H = 19 29 58 Lillooet iP 19 41 20 d Ottawa e(P) 19 46 57 Resolute iP 19 42 22 c
JUNE 26 Resolute iP 16 02 29.5 d iP 16 02 30 c	JUNE 26 Resolute eP 18 12 18	JUNE 28 Ottawa e(P) 20 41 02
JUNE 26 U. S. C. G. S. 31N, 141 1/2E South of Honshu, Japan H = 23 29 32 Resolute eP 23 40 36 eS 23 49 36 S _c S 23 50 36 L 23 57.4	Resolute iP 05 54 43 c eS 06 03 00 SS 06 10 -- Seven Falls eP 05 51 39 pP 05 51 56 PP 05 57 20 e 05 57 56 SS 05 59 00 e 06 01 56 L 06 04 56 Shawinigan Falls eP 05 51 28 c pP 05 51 41 Victoria eP 05 52 48 c,S	JUNE 28 Victoria e 20 46 33.0 c,N,W e 20 46 34.6 Local Shock
JUNE 27 U. S. C. G. S. 13N, 88 1/2W Near coast of El Salvador H = 05 44 28 h = 60 km Mag. 6 Halifax iP 05 51 48 c i 05 52 00 d eS 05 53 18 e 05 57 32 eL 06 01.7 Horseshoe Bay iP 05 52 26	JUNE 28 Resolute eP 02 31 58.5 d	JUNE 29 U. S. C. G. S. 15 1/2S, 70 1/2W Southern Peru H = 03 25 42 h = 150 km Mag. 6 1/2 Alberni eP 03 37 40 Halifax iP 03 35 38 eS 03 43 37 iS _c S 03 45 14 e 03 46 29 eL 03 55.1 Ottawa eP 03 35 42 d P _c P 03 36 25 PP 03 37 55 S 03 43 43 e 03 44 50 S _c S 03 45 20
	JUNE 28 Alberni e 10 18 44.2 e 10 19 12.3 Horseshoe Bay i 10 18 37.5 i 10 18 57.7 Victoria e 10 18 24.7 e 10 18 36.6 Local Shock	

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Victoria eP 19 06 28 e 19 07 00 e 19 07 59	Ottawa eP 14 07 59 i 14 08 19 i 14 08 24 S 14 13 11 i 14 13 21 e 14 16 12 i 14 16 31 L 14 18.5	Resolute iP 18 37 20 (c) eS 18 46 20 Victoria eP 18 37 35 d e 18 46 47
JUNE 30 Victoria i 05 54 58.6 e 05 55 06.1 Local Shock	Resolute iP 14 03 51 d e 14 06 20 e 14 07 --	
JUNE 30 U. S. C. G. S. 36 1/2N, 27 1/2E Dodecanese Islands H = 08 42 33 Banff eP 08 55 17 c Halifax iP 08 53 22 c Ottawa iP 08 55 05 c pP 08 54 30 PP 08 56 39 PPP 08 58 14 S 09 03 22 PPS 09 04 08 Resolute iP 08 52 59 c eS 09 01 20 Seven Falls iP 08 53 42 c PP 08 56 09 S 09 02 32 PPS 09 03 26 Shawinigan Falls eP 08 53 50 Victoria eP 08 55 39 e 09 06 01	Seven Falls eP 14 07 45 e 14 12 38 e 14 14 20 L 14 15 27 Shawinigan Falls eP 14 07 51	
	JUNE 30 Victoria i 18 08 23.5 c,S,E e 18 08 24.5 Local Shock	
JUNE 30 U. S. C. G. S. 31N, 141 1/2E South of Honshu, Japan H = 18 26 20 Mag. 6 3/4 Banff eP 18 37 55 Halifax eSKS 18 50 49 eS 18 51 46 eSS 18 58 49 eL 18 16.8 Horseshoe Bay eP 18 37 33 Ottawa eP 18 39 50 S 18 50 25 PS 18 52 36 SS 18 57 44		
JUNE 30 U. S. C. G. S. 73N, 69 1/2W Baffin Bay H = 14 02 08		

DOMINION OBSERVATORIES

EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS - 1958

The following disturbances were recorded during the second quarter of 1958. Instrumental data are given at their respective chronological positions in the text of this Bulletin.

APRIL 7 at 07 42 05 U.T. Magnitude 2.6. Epicentre at 46° 09' N, 75° 10'W. Near St. Remi d'Amherst Lake, Quebec.

MAY 6 at 16 02 46 U.T. Magnitude 3.9. Epicentre at 48° 49'N, 70° 35' W. Near the headwaters of Riviere aux Sables, Quebec.

MAY 6 at 16 11 05 U.T. Magnitude 3.8. Aftershock of the Riviere aux Sables shock about eight minutes earlier.

MAY 6 at 16 31 32.9 U.T. Aftershock of the Riviere aux Sables shock about 29 minutes earlier.

MAY 14 at 17 41 19 U.T. Magnitude 5.2. Epicentre at 47° 02'N, 76° 30'W. Near Bark Lake, Quebec. Felt at Lac des Loups 112 miles northwest of Ottawa on the highway from Mont Laurier to Val d'Or, Quebec.

MAY 21 at 20 07 20.5 U.T. Magnitude 2.4. Epicentre at 44° 40'N, 72° 43'W. Near Mt. Mansfield, Vermont. This shock was recorded at two stations only. The other possible location would be 20 km from Shawinigan Falls where no trace of the shock was recorded.



I. G. Y. MICROSEISMIC BULLETIN

APRIL - JUNE - 1958

NOTES

Four stations only have been read,

- An Atlantic station - Halifax,
- An inland station - Ottawa,
- An Arctic station - Resolute, and
- A Pacific station - Victoria.

The following instruments are used:

Halifax	- Willmore	Z	$T_s = 1$	sec.	$T_g = 2.0$	sec.
Ottawa	- Benioff	Z	$T_s = 1$	sec.	$T_g = 75$	sec.*
Resolute	- Columbia	Z	$T_s = 10.2$	sec.	$T_g = 20$	sec.
Victoria	- Benioff	Z	$T_s = 1$	sec.	$T_g = 75$	sec.

* The change of the Ottawa Benioff Vertical galvanometer from 20 sec. as listed in the previous quarterly bulletin to 75 sec. was made on Feb. 4, 1958.

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	K	A	T	K	A	T	K	A	T		
	R													
April 1	0	0,0		2	0.6	5.0	1	0.5	6.0	3	0.5	4.0	Resolute - storm start Ottawa - storm start Halifax - storm start Ottawa - traces crossed Ottawa - traces crossed Halifax - storm end	
	6	2	0.2	2	0.7	5.0	2	0.6	6.0	3	0.6	4.5		
	12	2	0.2	...				2	0.7	5.9	2	0.7		5.0
	18	1	0.9	1	1.4	5.0	1	0.8	5.9	2	0.9	5.0		
	0	1	1.4	1	2.2	5.0	3	1.2	6.6	2	1.3	6.0		
	3	1	3.1	1	2.3	5.0	3	1.2	6.7	2	2.1	7.0		
	6	1	3.1	1	2.1	4.5	3	1.6	6.2	2	1.7	6.0		
	9	1	1.7	3.2	...			3	1.4	6.3	2	1.7		6.0
	12	1	4.6	4.6	...			3	1.3	6.3	3	1.7		6.0
	15	1	6.2	4.5	1	3.5	5.0	3	1.3	6.7	3	1.7		6.0
	18	1	4.1	4.0	1	3.5	5.0	3	1.2	7.4	3	1.7		6.0
	21	1	4.4	4.5	1	3.0	5.2	3	1.4	7.0	3	1.4		6.0
	0	1	5.0	4.5	1	3.3	5.5	3	1.5	7.1	3	1.4		6.0
	3	1	6.6	5.0	3	2.9	5.5	3	1.7	7.3	2	2.6		7.0
	6	1	3.8	4.5	3	2.0	5.0	3	1.9	8.3	2	2.6		7.0
9	1	2.2	3.7	...			3	2.6	8.1	2	3.0	8.0		
12	1	3.8	4.5	...			3	2.4	8.4	2	3.0	8.0		
15	1	3.1	4.5	3	2.1	5.5	3	2.3	8.3	2	3.3	8.0		
18	1	3.1	4.5	3	1.8	5.5	3	2.4	8.3	2	3.3	8.0		
21	1	0.9	3.0	3	1.7	5.0	3	2.2	8.2	2	3.4	7.0		
0	1	0.7	2.6	...			3	1.7	7.9	2	3.4	7.0		
3	1			3	1.4	5.0	3	1.7	8.2	2	3.1	7.0		
6	1	0.8	2.7	3	1.4	4.6	3	1.5	7.8	2	3.1	7.0		
9	1			3	1.4	5.0	3	1.4	7.7	2	2.7	7.0		
12	1	0.8	2.7	3	1.1	4.8	3	1.4	7.5	2	2.7	7.0		
15				3	0.8	5.0	3	1.2	7.6					

I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	K	A	T	K	A	T	K	A	T		
	R													
April 4 5	18	...		2	0.7	4.0	3	1.0	7.6	...			Ottawa - storm end Victoria - ripple rock Resolute - seismic Victoria - seismic	
	0	...		2	0.4	3.8	3	0.7	8.4	...				
	3	1	0.3	2	0.5	4.0	3	0.6	7.5	...				
	6	1	0.3	2	0.5	4.0	3	0.6	7.7	...				
	9	1		2	0.5	4.0	3	0.6	8.1	...				
	12	1		2	0.4	4.0	3	0.5	7.5	...				
	15	...		2	0.4	4.0	3	0.5	8.2	...				
	18	0,0		2	0.4	4.0	3	0.5	8.1	...				
	21	1	0.1	2	0.4	4.0	3	0.5	8.1	...				
	0	1	0.7	2	0.4	4.0	3	0.5	8.2	...				
	3	1		2	0.5	4.0	3	0.5	7.8	...				
	6	1	0.1	2	0.5	4.0	3	0.5	8.2	...				
	9	1	0.7	4.0	3	0.8	4.6	3	0.7	7.8	3	1.4		7.0
	12	1	0.4	4.0	3	0.9	4.7	3	0.7	7.9	3	1.4		7.0
	15	1	0.4	4.0	3	0.9	4.7	3	0.7	7.6	...			
18	1	0.4	4.0	3	0.9	4.7	3	0.5	7.6	...				
21	1	0.4	4.0	3	0.9	4.7	3	0.5	7.8	...				
0	1	0.4	4.0	3	0.7	5.0	3	0.6	7.2	3	1.1	6.0		
3	1	0.4	4.0	3	0.7	5.0	3	0.5	7.3	3	1.0	6.0		
6	1	0.4	4.0	3	0.7	5.0	3	0.5	7.4	3	1.0	6.0		
9	1	0.4	2.7	3	0.9	5.0	3	0.6	7.0	3	0.7	5.0		
12	1	0.4	3.0	...			3	0.5	7.2	3	0.7	5.0		
15	1	1.1	3.1	...			3	0.6	7.2	...				
18	1	1.1	3.1	3	0.7	4.0	...			...
21	1	1.1	3.1	3	0.7	4.0	...			...
0	1	1.1	3.1	3	0.7	4.0	...			...
3				3	0.7	4.0	...			...

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	H	O	U	H	O	U	H	O	U		
	K	A	T	K	A	T	K	A	T	K	A	T		
April 8	6	1.1	3.0	3	0.7	4.0	3	0.6	7.4	3	0.7	5.0	Resolute - storm end Victoria - calibrating instruments	
	9	0.9	3.0	3	0.7	4.0	3	0.7	7.4	3	0.7	5.0		
	12	1	0.8	3.0	3	0.7	4.0	3	0.7	7.0	3	0.9		6.0
9	15	1	0.8	3.1	3	0.7	4.0	2	0.6	6.3	...	0.7	6.0	Resolute - seismic
	18	1	0.6	3.0	3	0.9	5.0	2	0.5	6.7	3	0.7	5.0	
	12	1	0.5	3.1	3	0.4	3.7	2	0.3	6.4	3	0.7	5.0	
10	18	1	0.5	3.0	3	0.5	4.0	2	0.4	6.4	3	0.7	5.0	Resolute - seismic
	0	1	0.3	2.5	3	0.6	4.5	2	0.4	5.8	3	0.7	5.0	
	6	1	0.5	3.3	3	0.7	4.8	2	0.4	5.7	3	0.7	5.0	
April 11	12	1	0.5	3.0	3	0.8	4.7	2	0.4	5.8	3	0.4	5.0	Resolute - seismic
	18	1	0.9	4.0	3	1.2	5.2	1	0.4	6.0	3	0.5	5.5	
	0	1	1.3	4.5	3	1.0	5.2	...	0.3	5.4	3	0.5	5.0	
12	6	1	0.7	4.0	3	0.8	5.2	1	0.3	6.0	3	0.5	5.0	Resolute - seismic
	12	1	0.6	4.5	3	0.7	5.0	1	0.3	6.0	3	0.6	5.0	
	18	1	0.5	4.0	1	0.7	4.1	...	0.4	5.6	3	0.7	5.0	
13	0	1	0.7	4.4	1	1.0	4.0	1	0.4	5.6	3	0.7	6.0	Halifax - storm start
	6	1	0.5	3.5	1	0.8	3.7	...	0.4	5.6	3	0.7	6.0	
	12	1	1.4	4.0	1	0.8	3.7	...	0.4	5.6	3	0.7	6.0	
April 13	15	1	0.9	3.3	1	1.3	4.2	1	0.3	5.5	3	0.9	6.0	Halifax - storm start
	18	1	1.1	3.5	1	1.3	4.2	1	0.3	5.5	3	0.9	6.0	
	21	1	0.9	2.8	1	1.2	4.2	1	0.4	5.5	3	0.7	5.0	
6	0	1	1.1	3.0	1	1.2	4.2	1	0.4	5.5	3	0.7	5.0	Halifax - storm start
	3	1	1.5	3.5	1	0.9	4.0	1	0.4	5.3	3	0.6	5.0	
	6	1	1.5	3.4	1	0.9	4.0	1	0.4	5.3	3	0.6	5.0	



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	H	O	U	H	O	U	H	O	U		
	K	A	T	K	A	T	K	A	T	K	A	T		
April 13	9	1	1.5	3.4	1	0.8	4.1	1	0.5	5.4	3	0.6	5.0	Halifax - storm end
	12	1	2.2	4.2	1	0.6	4.0	1	0.4	5.2	3	0.6	6.0	
	15	1	2.2	4.0	2	0.6	4.0	1	0.3	5.0	3	0.5	5.5	
14	18	1	2.1	4.2	2	0.5	4.0	1	0.3	4.8	3	0.5	5.0	Halifax - storm end
	21	1	2.0	4.2	2	0.5	4.0	1	0.3	5.0	3	0.5	5.0	
	0	1	1.3	3.9	2	0.4	4.0	1	0.3	6.2	1	0.5	3.0	
15	6	1	0.7	3.0	2	0.4	4.0	...	0.4	5.9	1	0.8	4.0	Resolute - seismic
	12	1	0.9	4.0	2	0.3	4.0	...	0.4	5.9	1	0.8	4.0	
	18	1	0.4	3.0	2	0.4	4.0	1	0.4	6.0	1	0.7	4.0	
16	0	1	0.2	3.0	2	0.5	4.1	1	0.5	5.8	2	0.8	4.0	Resolute - seismic
	6	1	0.2	3.0	2	0.5	4.2	1	0.4	5.9	2	0.9	4.0	
	12	1	0.2	3.0	2	0.4	4.3	1	0.3	6.0	2	0.7	4.0	
17	18	0,0	0,0	4.0	2	0.5	4.5	1	0.4	5.4	2	0.8	5.0	Resolute - seismic
	0	0,0	0,0	4.5	1	0.4	4.5	1	0.4	5.6	2	1.0	5.0	
	6	0,0	0,0	4.5	1	0.7	4.5	1	0.4	5.4	2	0.9	5.0	
18	12	0,0	0,0	4.5	1	0.7	4.5	...	0.5	5.9	2	1.7	5.0	Resolute - seismic
	18	0,0	0,0	5.0	3	0.7	5.0	2	0.6	6.0	2	1.4	4.0	
	0	1	0.4	4.0	3	0.8	5.0	2	0.5	6.2	2	2.0	5.0	
International day	1	1	0.2	4.0	2	0.6	5.0	2	0.5	6.2	2	1.9	5.0	International day
	2	1	0.2	4.0	2	0.6	4.6	2	0.5	6.8	2	2.2	6.0	
	3	1	0.2	4.0	2	0.6	4.5	2	0.6	6.2	2	1.8	5.0	
4	4	1	0.2	4.0	2	0.6	4.4	2	0.5	6.5	2	1.6	5.0	International day

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		18	5	0.2	4.0	4.4	0.6	4.4	4.4	0.4	6.3	6.3	2		1.7	5.0
	6	1	0.2	4.0	0.6	4.4	4.4	0.4	6.7	6.7	2	1.7	5.0	
	7	1	0.2	4.0	0.6	4.4	4.4	0.4	6.0	6.0	2	1.4	5.0	
	8	1	0.2	4.0	0.6	4.5	4.5	0.4	6.0	6.0	2	1.0	4.0	
	9	1	0.2	4.0	0.6	4.5	4.5	0.4	6.5	6.5	2	1.1	4.0	
	10	1	0.2	4.0	0.5	4.6	4.6	0.4	6.0	6.0	2	1.0	4.0	
	11	1	0.3	4.0	0.4	4.5	4.5	0.4	5.9	5.9	2	1.2	5.0	
	12	1	0.4	4.0	0.5	4.4	4.4	0.4	5.8	5.8	2	1.2	5.0	
	13	1	0.5	4.0	0.5	4.4	4.4	0.3	6.2	6.2	2	1.2	5.0	
	14	1	0.5	4.0	0.5	4.0	4.0	0.3	6.2	6.2	2	1.3	5.0	
	15	1	0.5	4.0	0.5	4.0	4.0	0.3	5.6	5.6	2	1.4	5.0	
	16	1	0.4	4.0	0.5	4.0	4.0	...	...	...	...	...	...	Resolute - paper off
	17	1	0.2	2.5	0.5	4.0	4.0	0.3	5.6	5.6	3	1.0	4.0	
	18	1	0.2	2.5	0.5	4.0	4.0	0.3	5.9	5.9	3	1.0	4.0	
	19	1	0.2	2.5	0.5	4.0	4.0	0.3	6.0	6.0	3	0.9	4.0	
	20	1	0.3	2.5	0.5	4.0	4.0	0.3	5.9	5.9	3	0.7	4.0	
	21	1	0.5	2.5	0.5	4.0	4.0	0.3	5.9	5.9	3	0.5	4.0	
	22	1	0.3	2.5	0.5	4.0	4.0	0.3	5.9	5.9	3	0.5	4.0	
	23	1	0.3	2.5	0.5	4.0	4.0	0.3	5.8	5.8	3	0.5	4.0	
19	0	1	0.5	2.5	0.5	4.0	4.0	0.3	5.4	5.4	3	0.6	4.0	
	1	1	0.5	2.5	0.5	4.0	4.0	0.3	5.8	5.8	3	0.6	4.0	
	2	1	0.5	2.5	0.5	4.0	4.0	0.3	6.0	6.0	3	0.7	4.0	
	3	1	0.5	2.5	0.5	4.0	4.0	0.3	5.8	5.8	3	0.8	4.0	
	4	1	0.5	2.5	0.5	4.0	4.0	0.3	5.8	5.8	3	0.8	4.0	
	5	1	0.5	2.5	0.5	4.0	4.0	0.3	5.8	5.8	3	0.8	4.0	
	6	1	0.5	2.5	0.5	4.0	4.0	0.3	5.6	5.6	3	0.6	5.0	Victoria - seismic
														Resolute - seismic

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		19	7	0.5	2.5	2.5	0.5	4.0	4.0	0.3	5.8	5.8	1		0.9	5.0
	8	1	0.5	2.5	0.5	4.0	4.0	0.2	5.4	5.4	1	0.8	5.0	
	9	1	0.5	2.5	0.5	4.0	4.0	0.3	5.4	5.4	1	1.0	5.0	
	10	1	0.5	2.5	0.5	4.0	4.0	0.3	6.0	6.0	1	0.6	5.0	
	11	1	0.5	2.5	0.5	4.0	4.0	0.3	5.5	5.5	1	0.8	5.0	
	12	1	0.4	2.4	0.5	4.0	4.0	0.2	5.4	5.4	1	0.7	5.0	
	13	1	0.5	2.5	0.5	4.0	4.0	0.2	5.4	5.4	1	0.8	5.0	
	14	1	0.5	2.5	0.5	4.0	4.0	0.3	5.4	5.4	1	0.9	5.0	
	15	1	0.4	2.5	0.5	4.0	4.0	0.2	5.6	5.6	1	0.9	5.0	
	16	1	0.3	2.5	0.5	4.4	4.4	...	...	...	...	0.8	5.0	Resolute - paper off
	17	1	0.4	2.5	0.7	5.0	5.0	0.3	5.2	5.2	1	0.6	5.0	
	18	1	0.3	2.5	0.6	5.0	5.0	0.3	5.4	5.4	1	0.9	5.0	
	19	1	0.5	2.5	0.7	5.0	5.0	0.3	5.2	5.2	1	0.8	5.0	
	20	1	0.5	2.8	0.7	5.0	5.0	0.4	5.2	5.2	1	0.8	5.0	
	21	1	0.5	2.8	0.7	5.0	5.0	0.4	5.3	5.3	1	0.6	5.0	
	22	1	0.6	3.0	0.7	5.0	5.0	0.3	5.6	5.6	1	0.7	5.0	
	23	1	0.6	3.0	0.8	5.0	5.0	0.3	5.1	5.1	1	0.6	5.0	
20	0	1	0.6	3.0	0.9	5.0	5.0	0.4	4.9	4.9	1	0.5	5.0	International day
	1	1	0.6	3.0	0.9	5.0	5.0	0.3	4.8	4.8	1	0.6	5.0	
	2	1	0.5	3.0	0.9	5.0	5.0	0.3	4.9	4.9	1	0.7	5.0	
	3	1	0.4	3.0	0.6	5.0	5.0	0.4	5.2	5.2	1	0.8	5.0	
	4	1	0.6	3.5	0.9	5.0	5.0	0.4	5.4	5.4	1	0.9	5.0	
	5	1	1.2	4.2	0.9	5.0	5.0	0.4	4.7	4.7	1	0.8	5.0	
	6	1	1.9	4.5	1.0	5.0	5.0	0.4	4.9	4.9	1	1.0	5.0	Ottawa - storm start
	7	1	2.5	5.0	1.2	5.1	5.1	0.4	5.0	5.0	1	0.9	5.0	
	8	1	2.0	5.0	1.2	5.1	5.1	0.4	5.6	5.6	1	0.8	5.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		April 20	9	2.5	5.0	1	1.5	5.1	1	0.5	5.4	3	0.9		5.0
	10	2.2	5.0	1	2.1	5.2	1	0.5	5.6	3	0.9	5.0		
	11	2.5	5.0	1	2.7	5.2	1	0.5	5.4	3	0.9	5.0		
	12	2.5	5.0	1	2.9	5.4	1	0.6	5.5	3	0.9	5.0		
	13	2.5	5.0	1	2.3	5.4	1	0.6	5.6	3	0.9	5.0		
	14	2.5	5.0	1	2.0	5.6	1	0.6	5.4	3	0.9	5.0		
	15	2.5	5.0	1	1.9	5.3	1	0.5	5.6	3	0.8	5.0		
	16	2.5	5.0	1	2.1	5.4	1	0.5	5.8	3	1.2	6.0		
	17	4.2	5.5	1	2.2	6.0	1	0.6	5.7	3	1.0	6.0		
	18	2.6	5.5	1	2.7	6.0	1	0.5	5.7	3	1.1	6.0		
	19	2.6	5.5	1	3.1	5.8	1	0.5	5.7	3	0.8	5.0		
	20	3.0	5.5	1	3.1	5.8	1	0.6	5.6	3	0.8	5.0		
	21	3.2	5.4	1	3.4	6.0	2	0.5	5.8	3	0.7	5.0		
	22	3.9	5.7	1	2.9	6.0	2	0.6	5.8	3	0.6	5.0		
	23	2.6	6.0	1	2.5	6.0	2	0.6	6.4	3	0.6	5.0		
21	0	2.5	5.0	1	2.5	6.0	2	0.8	5.8	3	0.9	6.0		
	3	3.2	5.5	1	2.9	6.0	3	0.8	6.4	3	0.8	6.0	Halifax - storm end	
	6	2.1	5.5	1	2.6	6.0	3	0.6	6.7	3	0.8	6.0		
	9	2.5	5.0	1	2.2	6.0	3	0.6	6.2	3	0.7	6.0		
	12	1.7	5.0	1	2.2	6.0	3	0.6	6.2	3	0.7	6.0		
	15	1.7	5.0	1	1.9	6.0	3	0.6	6.2	3	0.7	6.0		
	18	1.7	5.0	1	1.9	6.0	3	0.6	6.2	3	0.7	6.0		
	21	1.7	5.0	1	1.2	5.0	...			3	0.8	6.0		
22	0	2	1.7	5.0	1	1.0	5.4	3	0.4	5.9	3	0.7	6.0	
	3	2	0.9	4.0	3	0.9	5.2	3	0.4	5.9	3	0.7	6.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		April 22	9	1.1	4.0	3	0.9	5.1	3	0.4	5.7	3	0.7		6.0
	12	0.5	3.0	3	0.6	4.5	3	0.4	6.4	3	1.0	6.0	Resolute - irregular	
	15	0.5	4.0	3	0.9	5.0	3	0.3	6.4	3	1.0	6.0	Resolute - irregular	
23	0	0.4	3.0	3	0.7	5.0	...			3	0.8	6.0	Resolute - seismic	
	3	0.3	3.0	3	0.6	4.7	3	0.4	6.6	3	0.8	6.0	Resolute - irregular	
	6	0.3	3.0	3	0.7	4.5	3	0.4	7.4	3	0.8	6.0	Victoria - no time marks	
	9	0.4	3.5	3	0.4	4.1	3	0.4	6.6	3	0.8	6.0	Victoria - no time marks	
24	0	0.2	2.5	3	0.5	4.0	3	0.4	6.6	3	0.8	6.0	Victoria - no time marks	
	3	0.2	2.5	3	0.4	4.0	3	0.4	6.6	3	0.8	6.0	Victoria - no time marks	
	6	0.2	2.5	3	0.5	4.1	3	0.3	6.8	3	0.8	6.0	Victoria - no time marks	
	9	0.3	2.5	3	0.4	4.0	3	0.4	6.2	3	0.5	5.0	Ottawa - storm end	
	12	0.3	2.5	3	0.5	4.0	3	0.3	6.5	3	0.5	5.0	Ottawa - storm end	
25	0	0.4	3.0	3	0.4	4.0	3	0.4	6.4	3	0.5	5.0	Ottawa - storm end	
	6	0.2	2.2	3	0.4	4.0	3	0.4	6.6	3	0.4	5.0	Ottawa - storm end	
	12	0.2	2.2	3	0.3	4.0	3	0.4	6.2	3	0.3	5.0	Ottawa - storm end	
	18	0.3	2.5	3	0.3	4.0	3	0.3	6.2	3	0.3	5.0	Ottawa - storm end	
26	0	0.4	2.5	3	0.3	3.8	1	0.3	6.0	1	0.3	6.0	Victoria - no record	
	6	0.4	2.5	3	0.4	4.0	1	0.3	6.0	1	0.3	6.0	Victoria - no record	
	12	0.3	2.5	3	0.1	4.1	1	0.2	5.6	1	0.2	5.6	Victoria - no record	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS			
	H	O	U	K	A	T	K	A	T	K	A	T				
April	26	18	1	1	0.5	3.1	3	0.3	4.7	1	0.3	5.8	3	0.4	5.0	Resolute - seismic
	27	0	1	1	0.6	3.4	3	0.3	4.8	1	0.2	5.3	3	0.4	5.0	
		6	1	1	0.2	2.4	2	0.5	4.4	1	0.2	5.0	3	0.4	5.0	
		12	1	1	0.4	2.7	2	0.5	4.5	1	0.2	5.3	3	0.4	5.0	
		18	1	1	0.3	3.0	2	0.4	4.5	1	0.2	5.4	3	0.3	5.0	
		0	1	1	0.3	3.0	2	0.3	3.7	1	0.3	5.6	3	0.3	5.0	
		6	1	1	0.2	3.0	2	0.3	4.5	1	0.3	5.6	3	0.3	5.0	
		12	...	...	...	...	2	0.2	4.0	...	...	...	3	0.3	5.0
		18	1	1	0.2	3.0	2	0.2	3.0	1	0.2	5.1	0,0	0,0	5.0	
		0	1	1	0.2	3.0	2	0.2	3.0	1	0.2	5.3	0,0	0,0	5.0	
		6	2	2	0.3	2.5	2	0.3	3.5	1	0.2	5.4	0,0	0,0	5.0	
		12	2	2	0.2	2.5	2	0.3	3.0	1	0.2	5.3	0,0	0,0	5.0	
		18	2	2	0.2	2.5	2	0.2	3.0	1	0.1	5.5	3	0.2	5.0	
		0	2	2	0.2	2.5	2	0.3	3.0	1	0.1	5.4	3	0.5	5.0	
		6	2	2	0.3	2.5	2	0.4	3.4	1	0.2	5.2	3	0.5	5.0	
		12	2	2	0.3	3.0	2	0.4	3.3	1	0.2	5.4	3	0.5	5.0	
		18	2	2	0.5	3.0	1	0.4	3.3	1	0.3	5.0	3	0.5	5.0	
May		0	1	1	0.7	3.0	1	0.4	3.3	1	0.3	5.1	3	0.4	5.0	
		6	1	1	0.6	3.5	1	0.6	4.0	1	0.4	5.9	3	0.4	5.0	
		12	1	1	0.6	3.5	1	0.5	4.0	1	0.4	5.9	3	0.3	5.0	
		18	1	1	0.3	2.5	1	0.4	4.0	3	0.3	5.6	3	0.3	5.0	
		0	1	1	0.3	2.5	1	0.4	4.0	3	0.2	5.2	3	0.2	5.0	
		6	1	1	0.2	2.5	1	0.2	4.0	3	0.1	5.7	3	0.2	5.0	
		12	1	1	0.2	2.5	1	0.2	4.0	3	0.2	5.4	0,0	0,0	5.0	
		18	0,0	1	0.2	2.0	1	0.2	4.0	1	0.2	5.6	0,0	0,0	5.0	
		0	1	1	0.2	2.0	1	0.2	4.0	1	0.2	5.7	0,0	0,0	5.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H	O	U	R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
					K	A	T	K	A	T	K	A	T	K	A	T	
May	3	6	12	18	1	0.5	3.0	1	0.2	4.0	1	0.2	5.7	0,0	0,0	5.0	International day
			0	1	1	0.5	3.0	1	0.3	4.0	1	0.2	5.2	3	0.3	5.0	
		4	18	0	1	0.2	3.0	1	0.2	4.0	1	0.1	5.2	3	0.3	5.0	
			0	1	0.2	3.0	1	0.2	4.0	1	0.2	5.2	3	0.4	5.0		
			6	0,0	0,0	0.1	2.2	1	0.2	3.5	1	0.2	5.4	3	0.4	5.0	
			12	1	0.1	2.2	1	0.2	3.8	1	0.2	6.0	3	0.4	5.0		
			18	0,0	0.2	2.5	1	0.3	3.8	1	0.3	6.1	3	0.3	5.0		
			0	1	0.2	2.5	1	0.3	3.8	1	0.3	6.4	3	0.4	5.0		
			1	0,0	0.2	3.0	1	0.3	4.0	1	0.3	6.3	3	0.4	5.0		
			2	1	0.1	3.0	1	0.3	3.8	1	0.3	6.1	3	0.4	5.0		
			3	1	0.1	3.0	1	0.3	3.8	1	0.3	6.1	3	0.4	5.0		
			4	1	0.1	3.0	1	0.3	4.0	1	0.3	6.2	3	0.4	5.0		
			5	1	0.1	3.0	1	0.2	3.8	1	0.3	5.9	3	0.4	5.0		
			6	1	0.1	3.0	1	0.2	3.7	...	...	...	3	0.4	5.0
			7	1	0.1	3.0	1	0.3	3.9	...	...	...	3	0.4	5.0
			8	0,0	0.1	3.0	1	0.2	3.6	...	...	...	3	0.5	5.0
			9	1	0.1	3.0	1	0.2	3.7	1	0.3	6.5	3	0.5	5.0		
			10	1	0.2	4.0	1	0.1	3.0	1	0.3	6.0	3	0.5	5.0		
			11	1	0.4	4.0	1	0.1	3.1	1	0.3	6.0	3	0.5	5.0		
			12	1	0.2	3.0	1	0.1	3.1	1	0.3	6.5	3	0.6	5.0		
			13	0,0	0.2	3.0	1	0.2	3.0	1	0.3	6.6	3	0.5	5.0		
			14	0,0	0.2	3.0	1	0.2	3.0	...	...	...	3	0.6	5.0
			15	1	0.2	2.5	1	0.2	3.0	1	0.3	6.1	3	0.6	5.0		
			16	1	0.2	2.5	1	0.2	3.0	...	...	...	3	0.7	5.0
			17	1	0.2	2.5	1	0.2	3.0	1	0.3	6.1	3	0.6	5.0		
			18	1	0.2	2.5	1	0.2	3.0	1	0.3	6.0	3	0.5	5.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		May	19	0.3	2.5	3.0	0.2	3.0	3.0	0.3	6.0	3	0.6		5.0	Resolute - seismic
20	1	0.3	2.5	3.0	0.2	3.0	3.0	0.3	6.1	3	0.7	5.5		
21	1	0.3	2.8	3.0	0.2	3.0	3.0	0.3	6.0	3	0.7	5.5		
22	1	0.3	2.8	3.0	0.2	3.0	3.0	0.3	5.8	3	0.7	5.5		
23	1	0.3	2.7	3.0	0.2	3.0	3.0	0.3	5.7	3	0.7	6.0		
0	1	0.4	2.8	3.6	0.4	3.6	3.6	...		3	0.7	6.0		
6	1	0.3	2.5	3.4	0.4	3.4	3.4	1	5.7	3	0.7	6.0		
12	1	0.8	3.3	3.0	0.2	3.0	3.0	1	6.0	3	0.7	6.0		
18	1	0.8	3.3	3.0	0.2	3.0	3.0	1	5.9	3	0.7	6.0		
0	1	0.3	3.3	3.6	0.3	3.6	3.6	1	5.7	3	0.6	5.0		
6	1	0.2	3.0	3.6	0.3	3.6	3.6	1	5.7	3	0.6	5.0		
12	1	0.2	3.0	3.6	0.4	3.6	3.6	1	5.8	3	0.6	5.0		
18	1	0.3	2.7	3.6	0.4	3.6	3.6	1	5.8	3	0.6	5.0		
0	1	0.2	2.5	3.5	0.4	3.5	3.5	1	5.8	3	0.6	5.0		
6	1	0.4	2.5	3.5	0.4	3.5	3.5	1	6.0	3	0.5	5.0		
12	1	0.4	2.5	3.5	0.5	3.5	3.5	1	6.0	3	0.5	5.0		
18	1	0.3	2.5	4.0	0.5	4.0	4.0	1	5.6	3	0.6	5.0		
0	1	0.4	2.5	3.7	0.5	3.7	3.7	1	5.6	3	0.6	5.0		
6	1	0.4	2.5	4.0	0.5	4.0	4.0	1	5.4	3	0.6	5.0		
12	1	0.5	2.8	4.0	0.5	4.0	4.0	1	5.2	3	0.5	5.0		
18	1	0.6	2.7	4.0	0.5	4.0	4.0	1	5.4	3	0.5	5.0		
0	1	0.6	2.7	4.1	0.6	4.1	4.1	1	5.0	3	0.5	5.0		
6	1	0.5	2.8	4.0	0.5	4.0	4.0	1	5.5	3	0.4	5.0		
12	1	0.4	2.8	4.0	0.5	4.0	4.0	1	5.6	3	0.6	5.5		
18	1	0.4	2.6	4.0	0.4	3.7	3.7	1	5.8	3	0.8	6.0		
0	1	0.3	2.6	3.7	0.4	3.7	3.7	...		3	0.9	6.0		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		May	11	...	0.3	2.9	0.2	3.7	3.7	...	0.4	5.8	3		0.8	6.0	Halifax - Ottawa - Resolute seismic Resolute - instrument dead Resolute - Victoria - seismic
12	1	0.3	3.0	3.0	0.2	3.5	3.5	1	0.4	5.8	3	1.0	6.0	
18	1	0.2	3.2	3.0	0.2	3.5	3.5	...	0.4	5.9	3	0.9	6.0	
6	1	0.2	3.0	3.0	0.2	3.5	3.5	...	0.4	5.9	3	0.9	6.0	
12	1	0.2	3.0	3.0	0.2	3.5	3.5	1	5.7	3	1.0	6.0		
18	1	0.2	3.0	3.0	0.2	3.5	3.5	1	5.9	3	0.8	6.0		
0	1	0.2	3.2	3.0	0.2	3.5	3.5	1	6.4	3	0.8	5.8		
6	1	0.3	3.0	3.0	0.2	3.8	3.8	1	6.4	3	0.8	5.8		
12	1	0.3	2.5	3.0	0.2	3.5	3.5	1	6.2	3	0.8	6.0		
18	1	0.4	2.7	3.0	0.2	3.0	3.0	1	6.0	3	1.2	6.0		
0	1	0.2	2.5	3.0	0.2	3.0	3.0	1	6.4	3	0.9	5.0		
6	1	0.3	2.5	3.0	0.3	3.6	3.6	1	6.5	3	1.3	5.0		
12	1	0.8	3.5	3.5	0.5	4.0	4.0	1	5.7	3	1.1	6.0		
18	1	0.6	3.5	3.5	0.5	4.0	4.0	1	5.9	3	1.1	6.0		
0	1	0.7	3.8	3.8	0.4	4.2	4.2	1	5.4	3	1.0	6.0		
6	1	0.4	4.0	4.0	0.4	4.6	4.6	1	6.2	3	1.0	6.0		
12	1	0.6	4.0	4.0	0.5	4.5	4.5	1	5.5	3	1.0	6.0		
18	1	1.9	5.5	5.5	0.5	4.6	4.6	1	5.5	3	0.8	6.0		
0	1	1.0	5.0	5.0	0.6	5.0	5.0	2	6.0	3	0.9	6.0		
6	1	1.0	5.0	5.0	0.6	5.0	5.0	2	6.0	3	0.7	5.0		
12	1	0.6	4.5	4.5	0.6	5.0	5.0	2	6.0	3	0.5	5.0		
18	1	0.6	4.0	4.0	0.6	5.0	5.0	2	7.4	3	0.6	5.0		
0	1	0.6	4.0	4.0	0.4	4.6	4.6	2	7.6	3	0.6	5.0		
6	1	0.8	5.0	5.0	0.4	4.5	4.5	2	7.4	3	0.6	5.0		
12	1	0.5	4.5	4.5	0.4	4.5	4.5	2	7.3	3	0.6	5.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		12	1	0.5	3.0	3.2	3.0	0.2	3.2	1	0.2	6.8	3		0.5	5.0	Resolute - seismic
18	1	0.4	3.0	3.2	3.0	0.2	3.2	1	0.2	6.4	3	0.5	5.0	
0	1	0.4	3.0	3.2	3.0	0.2	3.2	1	0.2	6.6	3	0.5	5.0	
6	1	0.2	3.0	3.1	3.0	0.2	3.1	1	0.2	6.5	3	0.5	5.0	
12	1	0.2	3.0	...	...	0.2	...	1	0.2	6.4	3	0.5	5.0
18	1	0.2	3.0	3.0	3.0	0.1	3.0	1	0.2	6.0	3	0.5	5.0	
0	1	0.2	3.0	3.0	3.0	0.1	3.0	1	0.2	6.1	3	0.4	5.0	
6	1	0.2	3.0	3.0	3.0	0.1	3.0	1	0.1	6.3	3	0.4	5.0	
12	0,0	...	...	3.0	3.0	0.1	3.0	...	0.1	5.9	3	0.4	5.0
18	0,0	...	...	2.5	3.0	0.1	2.5	1	0.2	5.8	3	0.4	5.0
0	0,0	...	...	3.0	3.0	0.2	3.0	1	0.3	5.4	3	0.5	5.0
6	0,0	...	...	3.0	3.0	0.2	3.0	1	0.3	5.9	3	0.4	5.0
12	1	0.2	3.0	3.0	3.0	0.1	3.0	1	0.4	6.4	3	0.5	5.0	
18	1	0.3	3.0	3.0	3.0	0.1	3.0	1	0.4	6.0	3	0.5	5.0	
0	1	0.2	2.5	3.0	3.0	0.1	3.0	1	0.4	6.0	3	0.5	5.0	
6	1	0.2	2.5	3.0	3.0	0.2	3.0	1	0.3	5.8	3	0.5	5.0	
12	1	0.2	3.0	3.0	3.0	0.1	3.0	1	0.1	5.5	3	0.5	5.0	
18	1	0.2	2.5	3.0	3.0	0.1	3.0	1	0.1	5.9	3	0.5	5.0	
0	1	0.1	2.5	3.0	3.0	0.1	3.0	1	0.3	6.2	3	0.5	5.0	
6	0,0	...	...	3.0	3.0	0.1	3.0	1	0.3	5.8	3	0.8	6.0
12	...	...	...	3.0	3.0	0.1	3.0	1	0.3	5.3	3	0.9	6.0
18	3.0	3.0	0.1	3.0	3	1.0	6.0	Halifax - Resolute - seismic
0	0,0	...	...	3.0	3.0	0.1	3.0	...	...	...	3	0.9	6.0
6	0,0	...	...	3.0	3.0	0.1	3.0	1	0.3	6.4	3	0.9	6.0
12	...	...	...	3.0	3.0	0.1	3.0	1	0.3	7.2	3	0.9	6.0
18	1	0.1	3.0	3.0	3.0	0.1	3.0	1	0.3	6.3	3	0.6	5.0	Halifax - seismic

I. G. Y. MICROSEISMIC BULLETIN



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		0	1	0.2	2.5	3.0	3.0	0.2	3.0	1	0.2	5.8	3		0.6	5.0	Resolute - seismic
6	1	0.2	2.5	3.8	3.8	0.2	3.8	1	0.2	5.8	3	0.6	5.0	
12	1	0.2	2.5	3.8	3.8	0.2	3.8	1	0.1	5.4	3	0.6	5.0	
18	1	0.2	3.0	3.8	3.8	0.2	3.8	1	0.2	4.6	3	0.6	5.0	
0	1	0.4	4.0	4.0	4.0	0.3	4.0	...	...	...	3	0.5	5.0
6	1	0.2	3.0	4.0	4.0	0.4	4.0	1	0.2	5.8	3	0.5	5.0	
12	1	0.2	2.5	...	...	0.2	...	1	0.2	5.3	3	0.5	5.0
18	1	0.4	3.0	...	...	0.4	...	1	0.2	5.7	3	0.6	5.0
21	2	0.3	2.6	...	...	0.3	...	1	0.2	5.7	3	0.4	5.0
0	2	0.2	2.5	...	...	0.2	...	1	0.2	5.7	3	0.4	5.0
3	2	0.7	3.0	...	...	0.7	...	1	0.2	6.0	3	0.4	5.0
6	2	0.6	2.6	...	...	0.6	...	1	0.2	5.6	3	0.4	5.0
9	2	0.6	2.6	...	...	0.6	...	1	0.2	5.6	3	0.4	5.0
12	2	0.7	2.6	...	...	0.7	...	1	0.2	5.5	3	0.4	5.0
15	2	0.7	2.8	...	...	0.7	...	1	0.2	5.5	3	0.4	5.0
18	2	0.5	2.5	...	...	0.5	...	1	0.2	5.5	3	0.4	5.0
21	1	0.7	3.0	...	...	0.7	...	1	0.2	5.4	3	0.4	5.0
0	1	0.5	3.0	...	...	0.5	...	...	...	...	3	0.3	5.0
3	1	0.6	3.0	...	...	0.6	...	...	...	...	0,0	0,0	5.0
6	1	0.4	2.8	...	...	0.4	...	...	...	...	0,0	0,0	5.0
12	1	0.5	3.0	...	...	0.5	...	1	0.1	5.3	3	0.3	5.0
18	1	0.4	3.0	...	...	0.4	...	1	0.1	5.1	3	0.3	5.0
0	1	0.4	3.0	...	...	0.4	...	1	0.2	5.4	3	0.4	5.0
6	1	0.3	3.0	...	...	0.3	...	1	0.2	5.4	3	0.4	5.0
12	1	0.5	4.0	...	...	0.5	...	1	0.3	5.7	3	0.4	5.0
18	1	0.3	3.0	...	...	0.3	...	1	0.3	5.7	3	0.4	5.0

Halifax - storm end
Resolute - instrument dead

Resolute - seismic

Ottawa - no records. To
June 2

Halifax - storm start

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	1	0	0.2	3.0	0.2	5.4	3	0.3		5.0	Resolute - seismic
	6	1	0.2	3.0	...		...	0.1	5.7	3	0.4	5.0	
	12	0,0			...		...	0.1	5.2	3	0.4	5.0	
	18	1	0.3	4.0	...		...	0.1	5.2	3	0.4	5.0	
	0	1	0.1	3.0	...		...	0.1	5.4	3	0.4	5.0	
	6	1	0.2	3.0	...		...	0.1	6.0	3	0.4	5.0	
	12	1	0.2	3.0	...		...	0.1	6.0	3	0.4	5.0	
	18	1	0.2	3.0	...	0.2	3.0	0.1	6.0	3	0.4	5.0		
	0	1	0.2	2.5	3	0.2	3.0	0.1	5.9	3	0.4	5.0		
	6	1	0.2	2.5	3	0.3	3.0	0.1	5.9	3	0.4	5.0		
	12	1	0.2	2.5	3	0.3	3.0	0.1	6.1	3	0.5	5.0		
	18	1	0.2	2.7	3	0.3	3.0	0.1	6.0	3	0.5	5.0		
	0	1	0.2	2.8	3	0.3	3.0	0.1	6.8	3	0.5	5.0		
	6	1	0.4	2.9	3	0.3	3.0	0.1	6.2	3	0.5	5.0		
	12	1	0.4	3.3	3	0.3	4.0	0.1	6.0	3	0.5	5.0		
	18	1	0.3	3.0	3	0.3	4.0	...	6.1	3	0.5	5.0	Resolute - seismic	
	0	1	0.3	3.0	3	0.3	3.0	...	6.1	3	0.5	4.5		
	6	1	0.2	3.0	3	0.3	3.5	1	6.1	3	0.5	4.5		
	12	1	0.2	3.0	3	0.3	3.0	...	6.3	3	0.5	4.5		
	18	0,0			3	0.3	3.0	1	6.3	3	0.5	4.5		
	0	0,0			3	0.2	3.0	1	7.8	3	0.5	4.5		
	6	0,0			3	0.2	3.0	1	8.0	3	0.5	4.5		
	12	1	0.1	2.0	3	0.2	3.0	...	8.0	3	0.8	5.5	Resolute - seismic	
	18	1	0.4	2.4	3	0.2	3.0	3	8.0	3	0.6	5.5		
	0	1	0.4	2.6	3	0.2	3.0	...	8.0	3	0.6	5.5		
	6	1	0.5	3.0	3	0.2	3.0	3	6.9	3	0.8	6.0	Resolute - seismic	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	7	12	0.2	2.5	3	0.2	3.0	3	0.3	6.9	3		0.7	6.0
	18	1	0.2	2.5	3	0.1	3.0	3	0.3	6.0	3	0.7	6.0	
	0	1	0.2	2.5	3	0.1	3.0	2	0.3	6.2	3	0.7	6.0	
	6	1	0.2	2.5	3	0.1	3.0	2	0.2	6.0	3	1.0	7.0	
	12	1	0.2	2.5	3	0.1	3.0	2	0.2	5.5	3	0.7	6.5	
	18	1	0.2	2.5	3	0.1	3.0	1	0.2	5.8	3	0.7	6.5	
	0	1	0.2	2.5	3	0.1	3.0	1	0.3	4.9	3	0.6	6.0	
	1	1	0.2	2.5	3	0.1	3.0	1	0.3	5.0	3	0.6	5.5	
	2	1	0.2	2.5	3	0.1	3.0	1	0.3	4.9	3	0.6	5.5	
	3	1	0.2	2.5	3	0.1	3.0	1	0.3	5.4	3	0.6	5.5	
	4	1	0.2	2.5	3	0.1	3.0	1	0.4	5.4	3	0.5	5.0	
	5	1	0.2	2.5	3	0.1	3.0	1	0.4	4.9	3	0.5	5.0	
	6	1	0.2	3.0	3	0.1	3.0	1	0.3	5.7	3	0.5	5.0	
	7	1	0.2	3.0	3	0.1	3.0	1	0.4	5.5	3	0.5	5.0	
	8	1	0.2	3.0	3	0.1	3.0	1	0.3	5.2	3	0.5	5.0	
	9	1	0.2	3.0	3	0.1	3.0	1	0.3	5.2	3	0.5	5.0	
	10	1	0.2	3.0	3	0.1	3.0	1	0.3	5.2	3	0.5	5.0	
	11	1	0.4	3.0	3	0.1	3.0	1	0.3	5.7	3	0.5	5.0	
	12	1	0.7	4.0	3	0.1	3.0	1	0.3	5.1	3	0.5	5.0	
	13	1	0.3	3.5	3	0.1	3.0	1	0.3	4.7	3	0.5	5.0	
	14	1	0.3	3.5	3	0.1	3.0	1	0.3	5.6	3	0.5	5.0	
	15	1	0.3	3.5	3	0.1	3.0	1	0.3	5.5	3	0.5	5.0	
	16	1	0.3	3.0	3	0.1	3.0	1	0.4	5.2	3	0.6	5.0	
	17	1	0.4	3.0	3	0.1	3.0	...			3	0.5	5.0	Resolute - paper off
	18	1	0.7	4.0	3	0.1	3.0	2	0.3	5.2	3	0.5	5.0	Resolute - seismic
	19	1	0.4	3.0	3	0.1	3.0	2	0.3	5.2	3	0.5	5.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
June 9	20	1	0.5	4.0	3	0.1	3.0	2	0.3	4.9	3	0.5	5.0	Resolute - seismic
	21	1	0.3	3.5	3	0.2	3.0	2	0.3	5.2	3	0.5	5.0	
	22	1	0.4	3.5	3	0.2	3.0	2	0.3	5.4	3	0.5	5.0	
10	23	1	0.3	3.0	3	0.2	3.0	2	0.2	6.1	3	0.4	5.0	Resolute - seismic
	0	1	0.3	3.0	3	0.2	3.0	2	0.2	5.7	3	0.4	5.0	
	6	1	0.4	2.5	3	0.3	4.0	3	0.3	5.5	3	0.4	5.0	
11	12	1	0.3	2.5	3	0.3	4.0	3	0.3	5.7	3	0.4	5.0	Resolute - seismic
	18	1	0.5	4.0	3	0.3	4.0	3	0.4	5.2	3	0.4	5.0	
	0	1	0.4	3.7	3	0.5	4.0	3	0.3	6.2	3	0.4	5.0	
12	6	1	0.6	4.2	3	0.7	5.0	3	0.3	5.6	3	0.4	5.0	Resolute - seismic
	12	1	1.7	5.0	3	0.7	5.0	3	0.3	6.0	3	0.5	5.0	
	18	1	1.0	5.0	3	0.9	5.0	2	0.4	6.0	3	0.8	6.0	
13	0	1	1.0	5.0	3	0.9	5.0	2	0.4	6.2	3	0.7	5.0	Resolute - seismic
	6	1	0.8	5.0	3	1.1	6.0	2	0.4	6.6	3	0.6	5.0	
	12	1	1.3	6.0	3	1.1	6.0	2	0.4	6.7	3	0.6	5.0	
14	18	1	1.3	6.0	3	0.9	6.0	1	0.3	6.3	3	0.6	5.0	Resolute - seismic
	0	1	0.8	5.0	3	0.7	6.0	...	0.2	6.0	3	0.6	5.0	
	6	1	0.3	3.6	3	0.7	6.0	1	0.2	6.5	3	0.5	5.0	
15	12	1	0.2	3.0	3	0.7	6.0	...	0.2	6.5	3	0.5	5.0	Resolute - seismic
	18	1	0.3	3.0	3	0.4	6.0	1	0.2	6.8	3	0.4	5.0	
	0	1	0.3	3.0	3	0.4	6.0	1	0.2	5.8	3	0.4	5.0	
15	6	1	0.3	3.0	3	0.2	4.0	1	0.1	5.7	3	0.5	5.0	Resolute - seismic
	12	1	0.3	3.0	3	0.2	4.0	1	0.2	6.0	3	0.6	5.0	
	18	1	0.4	2.8	3	0.3	3.0	1	0.2	4.6	3	0.5	4.5	
15	0	1	0.7	3.0	3	0.4	3.5	1	0.3	4.6	3	0.5	4.5	Resolute - seismic
	6	1	0.2	2.8	3	0.3	3.5	1	0.2	5.5	3	0.5	4.5	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
June 15	12	1	0.4	3.0	3	0.3	4.0	...	0.2	5.2	3	0.5	4.5	Resolute - seismic
	18	1	0.4	3.0	3	0.6	4.4	1	0.2	4.6	3	0.5	4.5	
	0	1	0.9	4.0	3	0.6	4.4	1	0.2	5.1	3	0.5	4.5	
16	6	1	0.4	3.5	3	0.6	4.4	1	0.2	4.8	3	0.5	5.0	International period
	12	1	1.2	4.5	3	0.6	4.4	1	0.2	4.9	3	0.5	5.0	
	18	1	0.9	4.0	3	0.7	5.0	1	0.2	4.4	3	0.6	5.0	
17	0	1	0.5	4.0	3	0.7	5.0	1	0.2	4.8	3	0.6	5.0	International period
	1	1	0.5	4.0	3	0.7	5.0	1	0.2	5.5	3	0.6	5.0	
	2	1	0.5	4.0	3	0.7	5.0	1	0.2	5.1	3	0.5	5.0	
17	3	1	0.5	4.0	3	0.7	5.0	1	0.2	5.2	3	0.5	5.0	International period
	4	1	0.3	3.5	3	0.6	5.0	1	0.3	5.0	3	0.5	5.0	
	5	1	0.3	3.0	3	0.6	5.0	1	0.4	5.2	3	0.5	5.0	
17	6	1	0.3	3.5	3	0.7	5.0	1	0.3	5.2	3	0.5	5.0	International period
	7	1	0.2	3.0	3	0.6	5.0	1	0.3	5.0	3	0.5	5.0	
	8	1	0.2	3.0	3	0.6	5.0	1	0.3	5.1	3	0.5	5.0	
17	9	1	0.4	3.5	3	0.6	5.0	1	0.3	4.0	3	0.5	5.0	International period
	10	1	0.4	3.5	3	0.6	5.0	1	0.4	5.2	3	0.5	5.0	
	11	1	0.4	3.5	3	0.6	5.0	1	0.3	5.1	3	0.4	5.0	
17	12	1	0.2	3.0	3	0.6	5.0	1	0.3	4.6	3	0.4	5.0	International period
	13	1	0.4	3.5	3	0.6	5.0	1	0.3	5.0	3	0.4	5.0	
	14	1	0.4	3.0	3	0.6	5.0	1	0.3	5.2	3	0.4	5.0	
17	15	1	0.4	3.5	3	0.6	5.0	1	0.3	5.1	3	0.4	5.0	International period
	16	1	0.5	4.0	3	0.6	5.0	1	0.3	5.2	3	0.5	5.0	
	17	1	0.5	4.0	3	0.6	5.0	1	0.3	4.8	3	0.4	5.0	
18	1	0.3	3.5	3.5	3	0.6	5.0	1	0.2	5.2	3	0.4	5.0	International period
	18	1	0.3	3.5	3	0.6	5.0	1	0.3	5.0	3	0.5	5.0	
	19	1	0.3	3.5	3.5	3	0.6	5.0	1	0.3	5.0	3	0.5		5.0

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		0	1	0.3	3.5	3	0.2	4.0	1	0.2	4.8	3	0.5		5.5
1	1	0.3	3.5	3	0.2	4.0	1	0.2	5.0	3	0.5	5.5		
2	1	0.3	3.5	3	0.2	4.0	1	0.2	5.2	3	0.5	5.5		
3	1	0.2	3.5	3	0.2	4.0	1	0.2	5.2	3	0.5	5.5		
4	1	0.2	3.5	3	0.2	4.0	1	0.2	5.1	3	0.5	5.5		
5	1	0.1	3.0	3	0.2	4.0	1	0.2	5.2	3	0.5	5.5		
6	0,0			3	0.2	4.0	1	0.2	5.7	3	0.5	5.5		
7	0,0			3	0.2	4.0	1	0.2	4.8	3	0.5	5.5		
8	0,0			3	0.2	4.0	1	0.2	4.9	3	0.5	5.5		
9	0,0			3	0.3	4.0	1	0.2	6.4	3	0.6	5.5		
10	0,0			3	0.2	4.0	0,0			3	0.6	5.5		
11	0,0			3	0.2	4.0	1	0.2	6.1	3	0.6	5.5		
12	0,0			3	0.2	4.0	1	0.2	6.0	3	0.6	5.5		
13	0,0			3	0.2	4.0	1	0.1	5.4	3	0.6	5.5		
14	0,0			3	0.2	4.0	1	0.2	6.0	3	0.6	5.5		
15	0,0			3	0.2	4.0	1	0.2	5.8	3	0.6	5.5		
16	0,0			3	0.2	4.0	1	0.2	6.5	3	0.6	5.5		
17	0,0			3	0.2	4.0	1	0.2	5.4	3	0.7	6.0		
18	0,0			3	0.2	4.0	1	0.2	6.1	3	0.6	6.0		
19	1	0.1	2.5	3	0.2	4.0	1	0.2	5.6	3	0.6	6.0		
20	1	0.2	3.5	3	0.2	4.0	1	0.2	5.6	3	0.6	6.0		
21	1	0.4	4.0	3	0.2	4.0	1	0.2	5.6	3	0.6	5.5		
22	1	0.2	3.0	3	0.2	4.0	1	0.2	5.6	3	0.7	6.0		
23	0,0			3	0.2	4.0	1	0.1	7.4	3	0.6	5.5		
0	0,0			3	0.2	4.0	1	0.2	6.8	3	0.6	6.0		
1	0,0			3	0.2	4.0	1	0.2	7.1	3	0.6	6.0		

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		2	0,0			3	0.2	4.0	1	0.2	5.8	3	0.7		6.0
3	0,0			3	0.2	4.0	1	0.2	7.1	3	0.6	6.0		
4	0,0			3	0.2	4.0	1	0.1	6.4	3	0.6	6.0		
5	0,0			3	0.2	4.0	1	0.2	6.6	3	0.6	6.0		
6	0,0			3	0.2	4.0	1	0.2	6.6	3	0.4	5.0		
7	0,0			3	0.2	4.0	1	0.2	6.0	3	0.4	5.0		
8	0,0			3	0.2	4.0	1	0.1	6.0	3	0.6	5.5		
9	0,0			3	0.2	4.0	1	0.2	6.4	3	0.6	5.0		
10	0,0			3	0.2	4.0	1	0.2	6.8	3	0.6	6.0		
11	0,0			3	0.2	4.0	1	0.1	5.9	3	0.6	5.5		
12	0,0			3	0.2	4.0	1	0.2	6.7	3	0.6	6.0		
13	0,0			3	0.2	4.0	1	0.2	6.8	3	0.7	6.0		
14	0,0			3	0.2	4.0	1	0.2	7.3	3	0.7	6.0		
15	0,0			3	0.2	4.0	1	0.2	7.6	2	0.7	6.0		
16	0,0			3	0.2	4.0	1	0.3	7.0	2	0.7	6.0		
17	0,0			3	0.2	4.0	1	0.3	7.5	2	0.7	6.0		
18	0,0			3	0.2	4.0	1	0.4	7.0	2	0.7	6.0		
19	0,0			3	0.2	4.0	1	0.3	7.3	2	0.7	6.0		
20	0,0			3	0.2	4.0	1	0.3	7.2	2	0.7	6.0		
21	0,0			3	0.2	4.0	1	0.3	7.5	2	0.7	6.0		
22	0,0			3	0.2	3.5	1	0.3	7.2	2	0.7	6.0		
23	0,0			3	0.2	3.5	1	0.4	7.7	2	0.8	6.5		
0	1	0.2	2.5	3	0.2	3.5	1	0.5	7.8	2	0.9	7.0		
1	1	0.2	2.5	3	0.2	3.5	1	0.5	7.6	2	0.9	7.0		
2	1	0.2	2.5	3	0.5	8.0	1	0.5	7.6	2	0.8	7.0		
3	1	0.2	2.5	3	0.5	8.0	1	0.5	7.4	2	0.8	7.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	22	4	0.2	2.5	3	0.4	7.5	0.4	7.6	2	0.8		7.0	Resolute - instrument dead
	5	1	0.2	2.5	3	0.4	7.5	0.6	7.4	2	0.9	7.5		
	6	1	0.2	2.5	3	0.6	7.5	0.4	7.4	2	0.8	7.5		
	7	1	0.2	2.5	3	0.6	7.5	0.5	7.3	2	0.8	7.5		
	8	1	0.2	2.5	3	0.6	7.5	0.5	7.2	2	0.8	7.0		
	9	1	0.2	2.5	3	0.6	7.0	0.4	7.2	2	0.8	7.0		
	10	1	0.3	2.5	3	0.6	7.0	0.5	7.2	2	0.8	7.0		
	11	1	0.3	2.5	3	0.2	3.0	0.4	7.0	2	0.9	7.0		
	12	1	0.3	2.5	3	0.2	3.0	0.5	7.3	2	0.8	7.0		
	13	1	0.3	2.5	3	0.2	3.2	0.4	7.1	2	0.9	7.0		
	14	1	0.4	3.0	3	0.2	3.0	0.5	6.7	2	0.8	7.0		
	15	1	0.3	2.5	3	0.2	3.0	0.3	6.4	2	0.8	7.0		
	16	1	0.3	2.5	3	0.2	3.0	0.4	6.4	3	0.8	7.0		
	17	1	0.4	3.0	3	0.2	3.3	0.4	6.4	3	0.9	7.0		
	18	1	0.4	3.0	3	0.2	3.3	0.4	6.5	3	0.8	7.0		
	19	1	0.4	3.0	3	0.2	3.3	0.4	6.6	3	0.8	7.0		
	20	1	0.4	3.0	3	0.2	3.3	...		3	0.8	6.5		
	21	1	0.4	3.0	3	0.2	3.3	...		3	0.9	7.0		
	22	1	0.3	2.6	3	0.2	3.0	...		3	0.8	7.0		
	23	1	0.3	2.6	3	0.2	3.2	...		3	0.8	7.0		
	0	1	0.3	2.6	3	0.2	3.2	...		3	0.8	7.0		
	1	1	0.4	3.0	3	0.2	3.2	...		3	0.8	7.0		
	2	1	0.2	2.5	3	0.2	3.0	...		3	0.7	7.0		
	3	1	0.1	2.3	3	0.2	3.4	...		3	0.8	7.0		
	4	1	0.2	2.3	3	0.2	3.0	...		3	0.8	6.5		
	5	1	0.2	2.5	3	0.2	3.1	...		3	0.7	7.0		

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	23	6	0.2	2.5	3	0.2	3.1	0.2	5.9	3	0.6		6.5
	7	1	0.2	2.5	3	0.2	3.1	0.2	6.0	3	0.7	6.5		
	8	1	0.2	2.5	3	0.2	3.0	0.2	5.8	3	0.5	6.0		
	9	1	0.2	2.5	3	0.2	3.0	0.2	5.8	3	0.6	6.0		
	10	1	0.2	2.5	3	0.2	3.1	0.2	5.9	3	0.4	5.0		
	11	1	0.2	2.5	3	0.2	3.1	0.2	6.0	3	0.4	5.0		
	12	1	0.2	2.5	3	0.2	3.3	0.2	5.8	3	0.4	5.0		
	13	1	0.2	2.5	3	0.2	3.3	0.2	5.8	3	0.4	5.0		
	14	1	0.2	2.5	3	0.2	3.3	0.3	5.7	3	0.4	5.0		
	15	1	0.2	2.5	3	0.2	3.3	0.3	6.0	3	0.4	5.0		
	16	1	0.2	2.5	3	0.2	3.3	0.2	6.0	3	0.4	5.0		
	17	1	0.2	2.5	3	0.2	3.3	0.2	5.8	3	0.4	5.0		
	18	1	0.2	2.5	3	0.2	3.3	0.2	5.4	3	0.4	5.0		
	19	0,0			3	0.2	3.3	0.2	5.8	3	0.4	5.0		
	20	0,0			3	0.2	3.3	0.2	5.3	3	0.4	5.0		
	21	0,0			3	0.2	3.3	...		3	0.4	5.0		
	22	0,0			3	0.2	3.3	0.2	5.4	3	0.4	5.0		
	23	0,0			3	0.2	3.3	0.2	6.3	3	0.4	5.0		
	0	0,0			3	0.2	3.0	0.2	6.0	3	0.4	5.0		
	1	0,0			3	0.2	3.3	0.2	5.8	3	0.4	5.0		
	2	0,0			3	0.2	3.3	0.1	5.6	3	0.4	5.0		
	3	1	0.3	3.3	3	0.2	3.3	0.1	5.0	3	0.4	5.0		
	4	1	0.3	3.5	3	0.2	3.3	0.1	5.3	3	0.4	5.0		
	5	1	0.3	3.3	3	0.2	3.3	0.1	4.7	3	0.4	5.0		
	6	1	0.3	3.3	3	0.3	3.3	0.2	5.1	3	0.4	5.0		
	7	1	0.2	3.0	3	0.3	4.0	0.2	4.5	3	0.4	5.0		
					3	0.3	4.0	0.1	4.7	3	0.4	5.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June 24	8	0,0		4.0	3	0.3	4.0	...	0.1	5.2	3		0.4	5.0	Resolute - seismic
	9	0,0		4.0	3	0.3	4.0	1	0.1	5.2	3	0.4	5.0	
	10	1	0.2	3.0	3	0.3	4.0	1	0.1	4.4	3	0.4	5.0	
	11	1	0.2	3.0	3	0.3	4.0	1	0.1	4.3	3	0.4	5.0	
	12	1	0.2	3.5	3	0.3	4.0	1	0.1	4.7	3	0.4	5.0	
	13	0,0		4.0	3	0.3	4.0	1	0.1	4.3	3	0.4	5.0	
	14	1	0.4	4.0	3	0.3	4.0	1	0.1	4.6	3	0.4	5.0	
	15	1	0.4	4.0	3	0.3	4.0	1	0.1	5.0	3	0.4	5.0	
	16	1	0.3	3.5	3	0.3	4.0	1	0.1	5.7	3	0.4	5.0	
	17	...		4.0	3	0.3	4.0	1	0.1	6.0	3	0.4	5.0	
	18	1	0.3	3.5	3	0.3	4.0	1	0.1	4.9	3	0.4	5.0	
	19	1	0.4	4.0	3	0.3	4.0	1	0.1	5.9	3	0.4	5.0	
	20	1	0.4	4.0	3	0.3	4.0	1	0.2	6.4	3	0.4	5.0	
	21	1	0.4	4.0	3	0.3	4.0	1	0.2	5.8	3	0.4	5.0	
	22	1	0.4	4.0	3	0.3	4.0	1	0.2	5.8	3	0.4	5.0	
	23	1	0.4	4.0	3	0.3	4.0	1	0.1	5.7	3	0.4	5.0	
25	0	1	0.3	3.5	3	0.3	4.0	1	0.2	5.5	3	0.4	5.0	
	1	1	0.3	3.5	3	0.3	4.0	1	0.2	5.7	3	0.4	5.0	
	2	1	0.4	4.0	3	0.3	4.0	1	0.1	4.9	3	0.4	5.0	
	3	1	0.5	4.5	3	0.3	4.0	1	0.2	5.4	3	0.4	5.0	
	4	1	0.4	4.0	3	0.3	4.0	1	0.2	5.5	3	0.4	5.0	
	5	1	0.4	4.0	3	0.3	4.0	1	0.2	5.5	3	0.4	5.0	
	6	1	0.4	4.0	3	0.3	4.0	1	0.2	6.1	3	0.4	5.0	
	7	1	0.4	4.0	3	0.3	4.0	1	0.1	5.8	3	0.4	5.0	
	8	1	0.4	4.0	3	0.3	4.0	1	0.1	6.0	3	0.4	5.0	
	9	1	0.4	4.0	3	0.3	4.0	1	0.1	5.7	3	0.4	5.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June 25	10	...		4.0	3	0.3	4.0	...	0.2	5.3	...		0.4	5.0	Halifax - Resolute - Victoria - seismic Ottawa - Resolute - seismic
	11	...	0.4	4.0	...		...	0.2	4.5	...	0.4	5.0	
	12	1	0.2	3.0	3	0.3	4.0	1	0.2	4.5	3	0.4	5.0	
	13	1	0.3	3.5	3	0.3	4.0	1	0.1	5.3	3	0.4	5.0	
	14	1	0.4	4.0	3	0.3	4.0	1	0.1	4.4	3	0.4	5.0	
	15	1	0.5	4.5	3	0.3	4.0	1	0.2	5.6	3	0.4	5.0	
	16	1	0.2	3.5	3	0.3	4.0	...	0.1	6.2	3	0.4	5.0	
	17	...		4.0	3	0.3	4.0	1	0.2	6.5	3	0.4	5.0	
	18	1	0.3	3.5	3	0.3	4.0	1	0.2	5.9	3	0.4	5.0	
	19	1	0.4	4.0	3	0.3	4.0	1	0.1	5.3	3	0.4	5.0	
	20	1	0.6	4.5	3	0.3	4.0	1	0.2	5.8	3	0.4	5.0	
	21	1	0.6	4.5	3	0.3	4.0	1	0.2	5.4	3	0.3	4.5	
	22	1	0.2	3.0	3	0.3	4.0	1	0.2	5.9	3	0.4	4.5	
	23	1	0.4	4.0	3	0.3	4.0	1	0.2	5.3	3	0.4	5.0	
26	0	0,0		4.0	3	0.3	4.0	1	0.2	5.0	3	0.4	5.0	
	1	0,0		4.0	3	0.3	4.0	1	0.1	5.6	3	0.4	4.5	
	2	1	0.3	3.5	3	0.3	3.0	...	0.2	5.6	3	0.3	4.5	
	3	0,0		4.0	3	0.3	3.0	1	0.2	5.8	3	0.4	4.5	
	4	0,0		4.0	3	0.3	3.0	1	0.2	5.0	3	0.5	4.5	
	5	1	0.3	3.5	3	0.3	3.0	1	0.2	5.0	3	0.4	5.0	
	6	0,0		4.0	3	0.3	3.0	1	0.2	5.8	3	0.4	5.0	
	7	0,0		4.0	3	0.3	3.0	1	0.2	5.0	3	0.4	5.0	
	8	1	0.3	3.5	3	0.3	3.0	1	0.2	5.8	3	0.4	5.0	
	9	1	0.3	3.5	3	0.3	3.0	1	0.2	5.8	3	0.4	5.0	
	10	0,0		4.0	3	0.3	3.0	1	0.1	5.4	3	0.4	5.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	26	11 12 13 14 15 16 17 18 19 20 21 22 23	0,0 0,0 0,0 0,0 0.4 0.4 ... 0,0 0,0 0,0 0,0 0,0 0,0 0,0		3 3 3 3 3 3 3 3 3 3 3 3 3	0.3 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	3.0 3.0 3.0 3.0 4.0 4.0 ... 3.0 3.0 3.0 3.0 3.0 3.0 3.0	1 1 1 1 1 1 ... 1 1 1 1 1 1 1	0.1 0.2 0.2 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.1 0.1	5.1 5.6 6.0 5.7 5.7 5.2 5.5 5.5 5.6 6.1 5.4 6.2	3 3 3 3 0,0 3 3 3 3 3 3 3 3		0.3 0.4 0.4 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4	4.5 5.0 5.0 5.0 4.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	Resolute - seismic Halifax - Ottawa - seismic
	27	0 6	0,0 ...		3 ...	0.2 0.2	2.5 3.0	3.0 ...			3.0 ...	0.6 0.6 0.6 0.5 0.5 0.5 0.5 0.5	5.0 5.0 4.5 5.0 5.0 5.0 5.0 5.0	
	28	0 6	3 3	0.2 0.2	3 3	0.2 0.2	2.5 2.5	3.3 3.3	0.3	6.2	3 3	0.5 0.5	4.5 5.0	
	29	0 6	3 1	0.1 0.4	3 3	0.2 0.2	2.5 3.5 4.0	3.3 3.3 3.3			3 3 3	0.5 0.5 0.5	5.0 5.0 5.0	
	30	0	1	0.4	3	0.2	4.0	4.0	0.1	7.0	3	0.5	5.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		June	30	6 12 18 24	1 1 1 1	0.1 0.3 0.3 0.2	3 3 3 3	0.2 0.2 0.2 0.2	3.0 4.0 4.0 4.0	1 1 ... 1	0.2 0.1 0.3	5.4 5.9 5.0	3 3 3 3		0.5 0.5 0.5 0.5	5.0 4.5 5.0 5.0



Seismological Bulletin

*Seismological Service
of Canada*

**July-September
1958**

THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1960

*Dominion Observatory,
Department of Mines and
Technical Surveys, Ottawa*

SEISMOLOGICAL BULLETIN

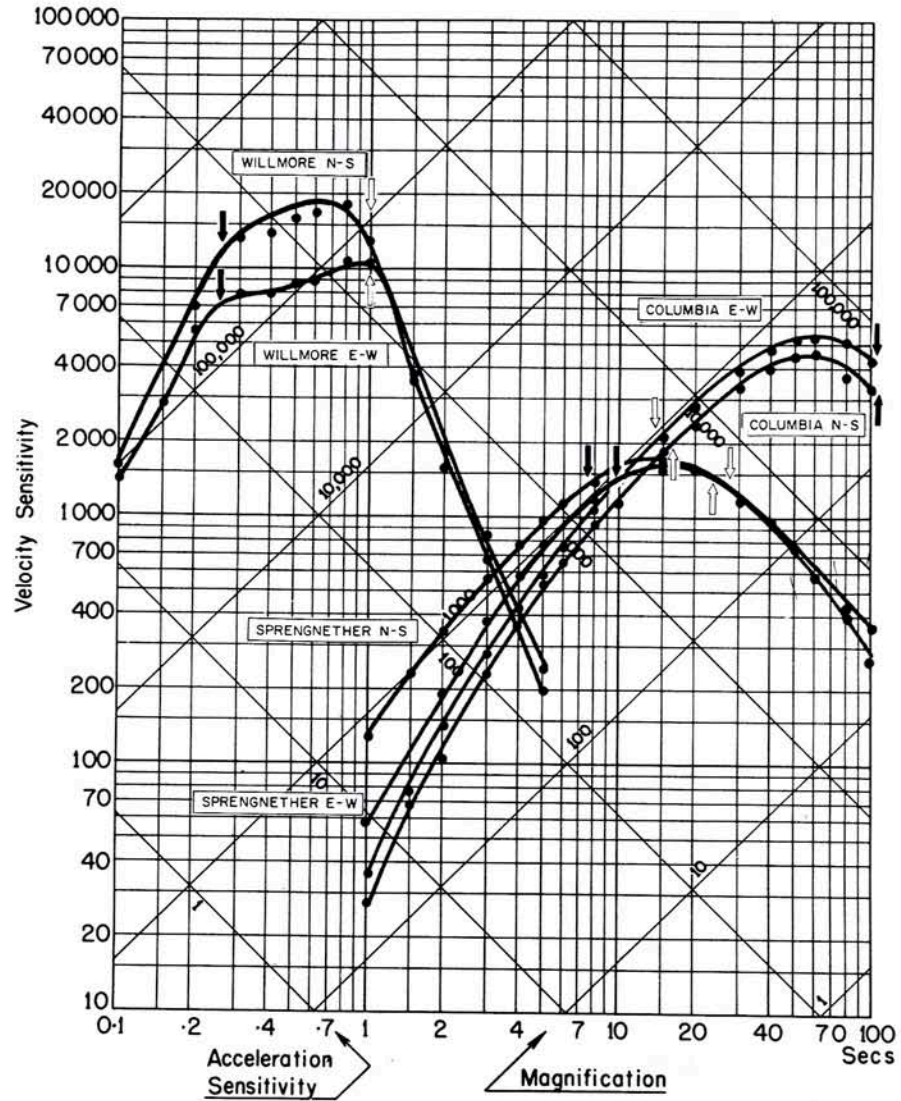
JULY - SEPT - 1958

NOTES

1. I.G.Y. microseismic data starting page 237 .
2. Resolute seismographs were recalibrated and the calibration curves may be found on pages 182 - 183. Mr. R. J. Halliday seismologist at Resolute was rehired for an additional year.
3. Earthquakes in Eastern Canada and Adjacent areas may be found in their respective chronological position in the bulletin with epicentre locations found on pages 231 and 232.
4. Commencing with this quarterly bulletin, epicentres and locations for all local shocks in Western Canada will be given following the regular earthquake bulletin and the Eastern Canada local shock bulletin. Data may be found on pages 234 and 235.
5. Shawinigan Falls time uncertain for the month of July.
6. Earthquakes in the Canadian Arctic may be found in their respective chronological position in the bulletin with epicentre locations found on page 233.

CALIBRATION CURVES

STATION: RESOLUTE HORIZONTALS



$\phi = 74^{\circ}41.2'N$ $\lambda = 94^{\circ}54.0'W$ Altitude 15 m

Foundation: Early Palaeozoic limestone

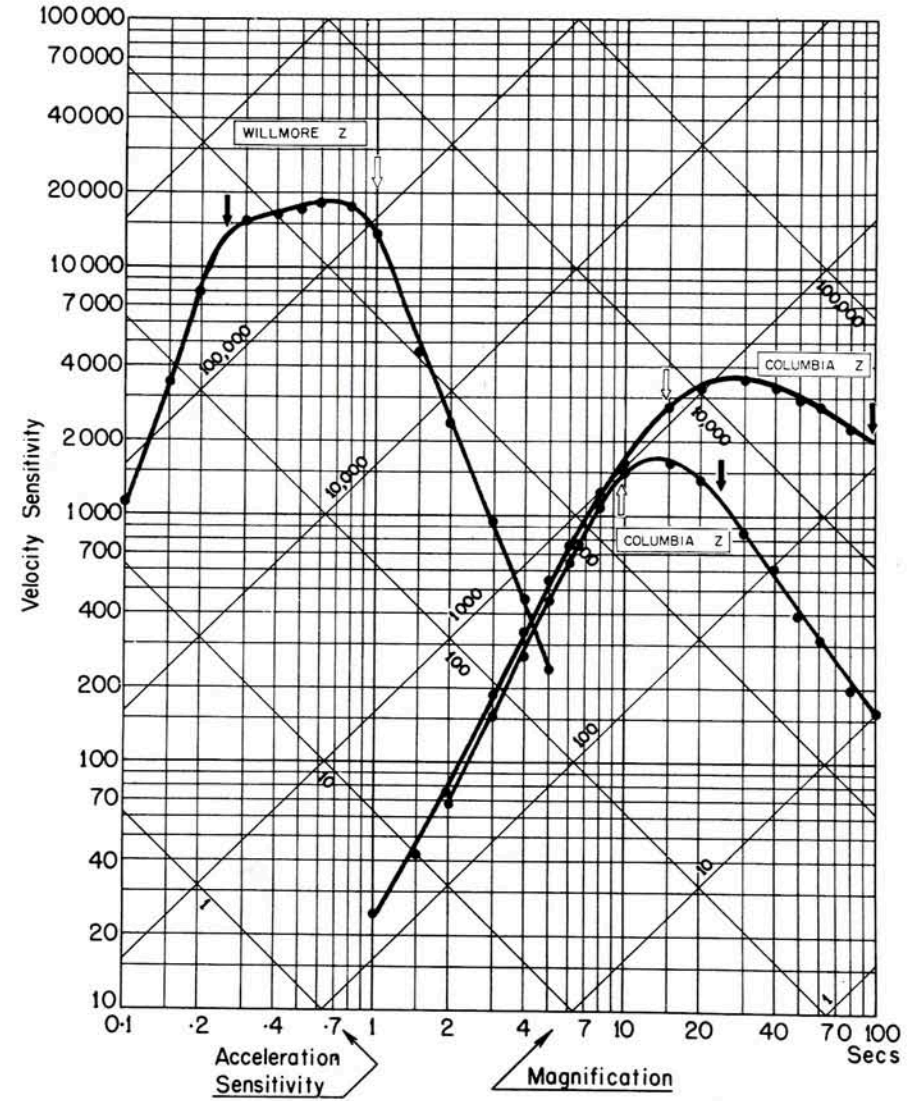
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: September 1958

CALIBRATION CURVES

STATION: RESOLUTE VERTICALS



$\phi = 74^{\circ}41.2'N$ $\lambda = 94^{\circ}54.0'W$ Altitude 15 m

Foundation: Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: September 1958

DOMINION OBSERVATORIES

JULY 1
 U. S. C. G. S.
 51 1/2 N, 176 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 05 53 07
 Mag 6
 Alberni
 eP 05 59 40 c
 Halifax
 eS 06 13 05
 ePPS 06 13 48
 eL 06 26 .5
 Horseshoe Bay
 eP 05 59 49 c
 Ottawa
 eP 06 03 28 c
 PcP 06 04 09
 S 06 11 53
 ScS 06 13 20
 Resolute
 iP 06 00 37 d
 PP 06 02 12
 PcP 06 02 45
 eS 06 06 30
 SS 06 09 34
 Saskatoon
 eS 06 07 16
 eL 06 20
 Seven Falls
 eP 06 03 37
 Victoria
 iP 05 59 53 c,S,E,
 eS 06 05 18

JULY 2
 Resolute
 eP 02 41 21

JULY 2
 Resolute
 eP 04 32 46

JULY 2
 U. S. C. G. S.
 18S, 177W
 Fiji Islands
 H = 04 48 03
 h = 350 km
 Resolute
 SKS 05 11 38
 sSS 05 23 14

JULY 2
 Halifax
 e 06 08 08
 e 06 23 46
 e 06 33 20
 eL 06 47 .0

JULY 3
 U. S. C. G. S.
 18S, 66E
 Mascarene Islands
 region
 H = 05 45 07
 Horseshoe Bay
 eP 06 04 59
 Ottawa
 eP' 06 04 42
 Resolute
 P' 06 04 16
 PP 06 05 56
 SKS 06 11 25
 (S) 06 13 26
 PS 06 15 25
 SS 06 22 25
 SSS 06 27 00
 Victoria
 iP 06 05 02

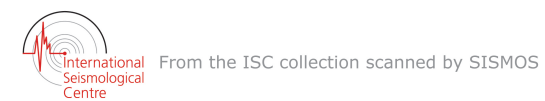
JULY 3
 U. S. C. G. S.
 29S, 179W
 Kermadec Islands
 region
 H = 06 27 44
 h = 400 km
 Mag 6
 Horseshoe Bay
 eP 06 40 21
 Ottawa
 eP' 06 45 49
 i 06 45 53
 e 06 48 51
 Resolute
 iP' 06 45 46 c
 sSP 06 58 40
 G 07 16 00
 Seven Falls
 eP' 06 45 57
 i 06 46 01
 e 06 48 56
 Victoria
 eP 06 40 16
 e 06 50 52

JULY 3
 Resolute
 e 09 50 20
 e 09 51 30

JULY 3
 U. S. C. G. S.
 55S, 126W
 Pacific Ocean
 H = 10 23 02
 Resolute
 P'P' 11 02 15
 L 11 27 -

JULY 3
 48° 47'N, 122° 09'W
 West of Mount Baker
 H = 11 11 25
 Mag 2.1

SEISMOLOGICAL BULLETIN - 1958



Alberni
 iP 11 11 56.7
 D = 206 km
 Horseshoe Bay
 iP 11 11 42.1 (d)
 iS 11 11 55.4
 D = 104 km
 Victoria
 iP 11 11 41.0 c,W
 iS 11 11 52.4
 D = 98 km

JULY 3
 U. S. C. G. S.
 48N, 147E
 Sea of Okhotsk
 H = 12 48 00
 h = 400 km
 Alberni
 eP 12 56 55 d
 Horseshoe Bay
 iP 12 56 59 d,N
 Ottawa
 iP 12 59 26 d
 Resolute
 iP 12 56 24 d
 iPcP 12 57 34
 sS 13 05 42
 SSS 13 09 16
 Seven Falls
 eP 12 59 27
 Victoria
 iP 12 57 03 d,N,W

JULY 3
 U. S. C. G. S.
 12N, 89 1/2W
 Off coast of
 El Salvador
 H = 19 00 36
 h = 100 km
 Ottawa
 iP 19 07 26

JULY 3
 48° 13'N, 123° 34'W
 South of Victoria, B. C.
 H = 20 10 45
 Mag 2.4
 Alberni
 iP 20 11 08.5
 iS 20 11 25.8
 D = 140 km
 Horseshoe Bay
 iP 20 11 05.4(c)S,EE
 eS 20 11 20.4
 D = 130 km
 Victoria
 iP 20 10 49.7 c(N)
 iS 20 10 54.1
 D = 36 km

JULY 4
 U. S. C. G. S.
 9N, 40W
 Atlantic Ocean
 H = 00 53 10
 Ottawa
 eP 01 01 46
 Seven Falls
 eP 01 01 36
 Resolute
 e 03 00 12
 e 03 04 12

JULY 4
 Canadian Arctic
 H = 04 19 28.6
 Mag 2.9
 Resolute
 iP_n 04 20 23.1
 iP₁ 04 20 32.8
 eS_n 04 21 02.6
 i 04 21 18.2
 D = 400 km

JULY 4
 48° 06'N, 122°05'W
 North east of
 Everett, Washington
 H = 05 56 51
 Mag 2.8
 Alberni
 e 05 57 27.0
 e 05 57 54.0
 Horseshoe Bay
 e 05 57 17.4
 i 05 57 38.7
 D = 174 km
 Victoria
 e 05 57 08.3
 i 05 57 22.1
 D = 113 km

JULY 4
 U. S. C. G. S.
 About 250 miles north
 of Balleny Islands
 H = 13 05 37
 Resolute
 eP₁' 13 25 27

JULY 4
 Resolute
 e 14 08 --
 e 14 24 --

JULY 4
 Resolute
 iP 14 57 40(c)

JULY 4
 U. S. C. G. S.
 6N, 125E
 Near south coast of
 Mindanao, Philippine
 Islands
 H = 19 34 03
 Halifax
 eSS 19 12 31
 eL 19 40.0

DOMINION OBSERVATORIES

Ottawa
eP 18 53 07
Resolute
eP 18 47 33
PP 18 51 25
eS 18 58 01

JULY 5
Resolute
i 22 49 09
i 22 50 25
Local shock

JULY 5
Resolute
eP 23 32 40
e 23 41 43
e 23 49 30

JULY 6
U. S. C. G. S.
55N, 160 1/2W
Alaska Peninsula
H = 04 40 59
Ottawa
eP 04 50 09
Resolute
iP 04 47 24 (c)
eS 04 52 30
eL 04 55 --
Seven Falls
eP 04 50 19
Shawinigan Falls
eP 04 50 17
Victoria
iP 04 46 14 c

JULY 6
U. S. C. G. S.
66N, 155W
Central Alaska
H = 16 03 14
Halifax
eSS 16 23 24
eL 16 29.1

Horseshoe Bay
eP 16 08 29
eL 16 15.8
Ottawa
eP 16 11 35 c
i 16 11 54
PP 16 13 27
PPP 16 14 07
Resolute
iP 16 08 02
eS 16 12 00
Saskatoon
e 16 18 03
Seven Falls
eP 16 11 44
ScS 16 21 52
Victoria
eP 16 08 32.0
eL 16 15.9

JULY 6
U. S. C. G. S.
31N, 142E
South of Honshu,
Japan
H = 23 34 11
Resolute
eP 23 45 20

JULY 7
U. S. C. G. S.
50 1/2N, 180
Andreanof Islands,
Aleutian Islands
H = 05 16 04
Halifax
eP 05 27 21 (c)
Ottawa
eP 05 26 40
e 05 26 53
Resolute
eP 05 23 51
(PcP) 05 25 38
PPP 05 25 49
eS 05 30 06
eL 05 33 --

Seven Falls
eP 05 26 48
Shawinigan Falls
eP 05 26 45

JULY 7
U. S. C. G. S.
50 1/2N, 179 1/2E
Andreanof Islands,
Aleutian Islands
H = 13 38 00
Ottawa
eP 13 48 37
Resolute
eP 13 45 45
PcP 13 47 33
eS 13 52 09
eL 13 56 25
Seven Falls
eP 13 48 43
Shawinigan Falls
eP 13 48 41

JULY 7
Resolute
iP 14 36 37.5 c

JULY 7
Resolute
e 15 34 35
e 15 40 16
e 15 46 --

JULY 8
U. S. C. G. S.
Near Czechoslovakia,
Germany border
H = 05 02 14
Seven Falls
eP 05 11 27
Shawinigan Falls
eP 05 11 39

SEISMOLOGICAL BULLETIN - 1958

JULY 8
U. S. C. G. S.
21 1/2S, 174W
Tonga Islands
H = 06 06 28
Resolute
eS 06 33 03

JULY 8
U. S. C. G. S.
43S, 41 1/2E
Indian Ocean, northwest
of Prince Edward Island
H = 22 48 36
Mag 6
Halifax
iP' 23 07 45 d
Ottawa
eP' 23 07 51
i 23 08 02
Resolute
eP' 23 08 08
PPS 23 24 --
PPSS 23 25 20
SS 23 30 00
Seven Falls
eP' 23 07 56
Shawinigan Falls
eP' 23 08 00

JULY 9
Resolute
iP 08 05 00

JULY 9
U. S. C. G. S.
20 1/2S, 178 1/2W
Fiji Islands
H = 13 54 27
h = 600 km
Resolute
(pS) 14 21 35

JULY 9
U. S. C. G. S.
14 1/2N, 91 1/2W
Guatemala
H = 15 18 20
h = 100 km
Horseshoe Bay
eP 15 26 18c, N, W,
eL 15 33.4
Ottawa
eP 15 24 58
e 15 26 10
PP 15 26 22
PcP 15 27 35
Resolute
iP 15 28 24 d
PcP 15 29 09
PPP 15 32 12
eS 15 36 23
e 15 39 08
SS 15 40 39
G 15 42 26
Seven Falls
eP 15 25 25 d
Shawinigan Falls
eP 15 25 17
Victoria
iP 15 26 14 c, N, W,
e 15 28 06
e 15 33 40

JULY 9
45° 45' N, 71° 48' W
Near Asbestos,
Quebec
H = 20 22 16.0
Mag 2.8
Jean-de-Brebeuf
iP₁ 20 22 39.7
iS₁ 20 22 57.2
D = 145 km
Ottawa
iP₁ 20 23 05.0
iS₁ 20 23 42.0
D = 304 km
Seven Falls
iP₁ 20 22 44.8
iS₁ 20 23 05.3
D = 170 km
Shawinigan Falls
iP₁ 20 22 37.6
iS₁ 20 22 52.6
D = 116 km

JULY 10
48.8° N, 122.4° W
Northeast of
Bellingham,
Washington
H = 04 23 20
Mag 3.0
Alberni
iP 04 23 49.2
iS 04 24 10.8
D = 176 km
Banff
eP 04 24 34.0
Horseshoe Bay
iP 04 23 34.5
iS 04 23 46.1
D = 96 km
Victoria
iP 04 23 34.4
eS 04 23 45.1
D = 88 km

JULY 9
48° 42' N, 122° 17' W
Western Gulf Islands
H = 17 32 46
Mag 2.4
Alberni
iP 17 33 06.7
iS 17 33 24.4
D = 145 km
Horseshoe Bay
iP 17 32 57.6
iS 17 33 07.9
D = 85 km
Victoria
iP 17 32 49.5
iS 17 32 53.5
D = 32 km

DOMINION OBSERVATORIES

JULY 10
U. S. C. G. S.
58.6N, 137.1W
Southeastern
Alaska
H = 06 15 51
Mag 8
Alberni
eP 06 18 41
S 06 21 55
Banff
iP 06 19 14 (c)
i 06 19 21
Halifax
eP 06 24 14 d
iP 06 24 21 c
i 06 25 16
iPP 06 26 20
iS 06 31 05
iScS 06 34 05
Horseshoe Bay
eP 06 18 47 S, E
e 06 18 50
iS 06 21 51
Ottawa
eP 06 23 17 d
i 06 23 32
PP 06 29 18
L 06 32.8
Resolute
eP 06 20 49
iP 06 20 55 c
Saskatoon
iP 06 20 02
Seven Falls
eP 06 23 29
S 06 29 36
L 06 32 59
Shawinigan Falls
eP 06 23 24 d
e 06 23 36
PP 06 24 55
PPP 06 25 34
S 06 29 25
PS 06 29 41
Victoria
iP 06 18 55.5 c, S, E

JULY 10
Alaska aftershock
Alberni
eP 07 48 17
Banff
e 07 48 42
Horseshoe Bay
eP 07 48 21
eL 07 52 20
Ottawa
eP 07 52 29
Resolute
iP 07 49 47 d
Seven Falls
eP 07 52 39 d
Shawinigan Falls
eP 07 52 35
Victoria
eP 07 48 20
e 07 48 35

JULY 10
Alaska aftershock
Alberni
eP 08 01 34
Banff
eP 08 02 02
Halifax
iPP 08 06 39
Horseshoe Bay
eP 08 01 38
Resolute
iP 08 03 05 d
Seven Falls
eP 08 05 56
Victoria
eP 08 01 53.6 c, S, E

JULY 10
Alaska aftershock
Ottawa
eP 10 12 57
Resolute
eP 10 10 11
Seven Falls
eP 10 13 08
Shawinigan Falls
eP 10 13 04

JULY 10
Alaska aftershock
Resolute
eP 08 44 22

JULY 10
Alaska aftershock
Horseshoe Bay
eP 08 59 44
Resolute
iP 09 01 03 d
Seven Falls
eP 09 03 50
Victoria
eP 08 59 51.5

JULY 10
Alaska aftershock
Resolute
eP 09 29 31

JULY 10
Alaska aftershock
Alberni
eP 09 31 15
Victoria
eP 09 31 43.9

JULY 10
Alaska aftershock
Resolute
iP 09 53 24 (d)

JULY 10
Alaska aftershock
Ottawa
eP 10 12 57
Resolute
eP 10 10 11
Seven Falls
eP 10 13 08
Shawinigan Falls
eP 10 13 04

SEISMOLOGICAL BULLETIN - 1958

JULY 10
Alaska aftershock
Alberni
eP 10 11 15
Resolute
iP 10 13 33 c
Victoria
eP 10 11 52.3

JULY 10
Alaska aftershock
Banff
eP 10 20 22
Horseshoe Bay
eP 10 19 36
eL 10 24 10
Ottawa
eP 10 24 07
Resolute
iP 10 21 25 d
Seven Falls
eP 10 24 17 d
Shawinigan Falls
eP 10 24 13
Victoria
eP 10 20 00.3
e 10 20 05.8

JULY 10
Alaska aftershock
Victoria
eP 10 24 36.3

JULY 10
Alaska aftershock
Resolute
iP 11 42 07 (c)

JULY 10
Alaska aftershock
Alberni
eP 11 43 02
Victoria
eP 11 43 35.8

JULY 10
Alaska aftershock
Banff
eP 12 30 26
Halifax
eL 12 50.0
Horseshoe Bay
eP 12 30 07
eL 12 34 14
Resolute
iP 12 31 32 d
Seven Falls
eP 12 34 25
Shawinigan Falls
eP 12 34 20
Victoria
eP 12 30 21.1

JULY 10
Alaska aftershock
Resolute
eP 12 53 21

JULY 10
Alaska aftershock
Resolute
iP 13 21 29 (c)
Victoria
eP 13 22 56

JULY 10
Alaska aftershock
Resolute
eP 14 42 13

JULY 10
48°13'N, 122°33'W
Southeast of Whidbey
Island, Washington
H = 14 51 34
Mag 2.4
Alberni
iP 14 52 04.9
iS 14 52 28.5
D = 197 km

Horseshoe Bay
iP 14 51 55.4
iS 14 52 11.5
D = 133 km
Victoria
iP 14 51 45.7
eS 14 51 54.6
D = 72 km

JULY 10
U. S. C. G. S.
60N, 141W
Southeastern Alaska
H = 15 02 02
Alberni
eP 15 09 07
Banff
eP 15 05 52
Halifax
eL 15 23.0
Ottawa
eP 15 09 43
Resolute
iP 15 06 58 (c)
Seven Falls
eP 15 09 53
Shawinigan Falls
eP 15 09 46
Victoria
eP 15 10 01

JULY 10
Resolute
eP 17 52 29

JULY 10
Resolute
eP 18 39 27

JULY 10
47°33'N, 125°52'W
Off coast of Washington
H = 19 04 18
Mag 3.0

DOMINION OBSERVATORIES

Alberni
eP 19 04 49.7
eS 19 05 15.7
D = 208 km
Horseshoe Bay
eP 19 04 59.1
eS 19 05 25.4
D = 284 km
Victoria
eP 19 04 51.0
D = 217 km

JULY 10
48°52'N, 122°12'W
West of Mount Baker
H = 20 06 10
Mag 2.8
Alberni
iP 20 06 40.1
D = 193 km
Horseshoe Bay
iP 20 06 24.9
iS 20 06 36.2
D = 93 km
Victoria
iP 20 06 25.2
D = 95 km

JULY 10
Resolute
eP 20 49 12
e 20 54 08
e 20 55 47

JULY 10
Resolute
eP 21 31 10
e 21 37 40
e 21 39 40

JULY 11
Resolute
iP 02 37 09

JULY 11
Resolute
iP 03 37 11
e 03 43 40
e 03 43 50

JULY 11
Resolute
iP 05 29 40
i 05 33 41

JULY 11
Shawinigan Falls
eP 07 14 43

JULY 11
U. S. C. G. S.
51N, 175W
Andreanof Islands,
Aleutian Islands
H = 07 43 05
Banff
eP 07 50 15
Halifax
eL 08 16.0
Ottawa
iP 07 53 26 c
Resolute
eP 07 50 50
PP 07 52 10
PPP 07 52 45
PcP 07 53 14
Seven Falls
eP 07 53 32
Shawinigan Falls
eP 07 53 32

JULY 11
Resolute
eP 11 06 00
e 11 12 30

JULY 11
Resolute
iP 12 31 07

JULY 11
Ottawa
eP 18 51 31

JULY 11
Resolute
iP 19 08 01 c

JULY 11
U. S. C. G. S.
21S, 69W
Northern Chile
H = 19 10 20
Mag 6 1/2
Alberni
iP 19 23 01
Banff
iP 19 22 49 c
Halifax
iP 19 21 09
i 19 21 22
S 19 29 52
PS 19 30 19
eL 19 43.9
Horseshoe Bay
iP 19 22 57 N,W
iS 19 33 21
Ottawa
iP 19 21 13
i 19 21 27
i 19 21 35
PP 19 23 50
S 19 30 02
PS 19 30 28
ScS 19 31 08
SS 19 34 40
Resolute
eP 19 23 54
eS 19 34 50
Seven Falls
iP 19 21 21 c
e 19 21 37
i 19 21 44
S 19 30 19
PS 19 30 45

SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls
iP 19 21 21 c
i 19 21 34
S 19 30 14
PS 19 30 38
eP'P' 19 50 02
Victoria
iP 19 22 56 c
eS 19 33 19
e 19 56 23

JULY 11
Horseshoe Bay
e 19 56 09
Ottawa
eP 19 57 36
Resolute
iP 19 55 20
i 20 02 17
Victoria
e 19 56 23

JULY 11
Resolute
eP 23 47 03
e 23 53 06
e 23 55 --

JULY 12
Resolute
e 00 18 20

JULY 12
U. S. C. G. S.
5S, 106 1/2W
Pacific Ocean
H = 00 48 30
Mag 6
Banff
eP 00 58 12
Halifax
eP 00 58 56
e 00 59 08
S 01 07 19
iSS 01 11.2
eL 01 14.0

Horseshoe Bay
eP 00 58 09
eS 00 06 04
eL 01 16.3
Ottawa
eP 00 58 16
PP 01 00 37
S 01 06 09
ScS 01 08 06
SS 01 10 04
Resolute
eP 01 00 42
iS 01 10 40
SS 01 15 45
G 01 21 36
Seven Falls
eP 00 58 42
Shawinigan Falls
eP 00 58 34 d
Victoria
eP 00 58 06
e 01 05 53
e 01 15 52

JULY 12
U. S. C. G. S.
4 1/2S, 105 1/2W
Pacific Ocean
H = 02 31 55
Ottawa
eP 02 41 38
Resolute
G 03 04 36
Shawinigan Falls
eP 02 41 54

JULY 12
U. S. C. G. S.
12N, 165E
Marshall Islands
H = 03 29 58
Banff
eP 03 41 38 c
Resolute
iP 03 42 17 c
eL 04 07 --
Victoria
eP 03 41 08 c

JULY 12
Eastern British
Columbia
H = 18 02 59
Mag 2.5
Banff
iP 18 03 27.4
eS 18 03 49.4
D = 180 km

JULY 12
Resolute
eP 19 03 34
e 19 07 45
e 19 10 18

JULY 12
Resolute
eP 20 01 05
e 20 07 42

JULY 13
U. S. C. G. S.
47.8°N, 122.3°W
Puget Sound,
Washington
H = 01 41 52
Mag 3.1
Alberni
iP 01 42 28.9
iS 01 42 54.5
D = 247 km
Horseshoe Bay
iP 01 42 21.6 d,S,E
iS 01 42 43.3
D = 177 km
Victoria
iP 01 42 09.3 d
eS 01 42 22.1
D = 113 km

DOMINION OBSERVATORIES

JULY 13 U. S. C. G. S. 58.3N, 136.9W Alaska aftershock H = 08 10 02 Mag 5 1/2 - 5 3/4 Albarni eP 08 12 46 Halifax eSS 08 28 34 eL 08 31.4 Horseshoe Bay eP 08 12 49 eS 08 15 15 eL 08 16.1 Ottawa eP 08 17 27 c Resolute iP 08 15 08 d iS 08 19 22 L 08 22 -- Seven Falls eP 08 17 39 S 08 23 51 Shawinigan Falls eP 08 17 34 Victoria eP 08 13 02 c eL 08 16 21	JULY 13 U. S. C. G. S. 24 1/2N, 94E India-Burma border H = 15 28 00 Resolute eL 16 11 -- JULY 13 46°10'N, 76°23'W About 10 miles north of Lake Dumont, Quebec H = 21 32 48.5 Mag 2.4 Jean-de-Brebeuf iS ₁ 21 33 52.3 D = 226 km Ottawa iP ₁ 21 33 04.0 i 21 33 08.8 i 21 33 13.0 iS ₁ 21 33 16.2 D = 100 km Shawinigan Falls iP ₁ 21 33 34.0 iS ₁ 21 34 08.2 D = 280 km	Victoria eP 23 12 15 eL 23 24.7 JULY 14 U. S. C. G. S. 61N, 143 W Southeastern Alaska H = 02 54 18 Halifax eL 03 18.3 Horseshoe Bay eP 02 58 11 eS 03 02.8 eL 03 04.0 Ottawa eP 03 02 03 Resolute iP 02 59 08 eS 03 03 03 e 03 05 -- e 03 07 -- Seven Falls eP 03 02 08 Shawinigan Falls eP 03 02 07 Victoria eP 02 58 18 eS 03 03 07
JULY 13 Resolute iP 11 28 49 i 11 35 12 e 11 37 26	JULY 13 U. S. C. G. S. 55N, 168E Komandorskie Islands H = 23 04 28 Halifax eL 23 40.9 Horseshoe Bay eP 23 12 14 Ottawa eP 23 15 20 Resolute e 23 18 06 e 23 20 48 Shawinigan Falls eP 23 15 22	JULY 14 U. S. C. G. S. 34N, 120W Near coast of California H = 05 25 51 Mag 4 3/4 - 5 Horseshoe Bay eP 05 29 32 Resolute iP 05 33 48 d eS 05 40 17 eL 05 48 -- Victoria eP 05 29 19
JULY 13 U. S. C. G. S. 10S, 161 1/2E Solomon Islands H = 12 03 50 h = 100 km Ottawa eP' 12 22 32 c Seven Falls eP' 12 22 37 Shawinigan Falls eP' 12 22 36		

SEISMOLOGICAL BULLETIN - 1958

JULY 14 Resolute iP 13 20 19 d e 13 26 30 e 13 28 50	Horseshoe Bay eP 06 03 01 eS 06 07 07 eL 06 08.2 Ottawa eP 06 07 02 Resolute iP 06 04 27 c eS 06 08 20 eL 06 10.3 Seven Falls eP 06 07 19 Shawinigan Falls eP 06 07 18 Victoria iP 06 03 26 c,S	JULY 16 U. S. C. G. S. 51 1/2N, 176 1/2W Andreanof Islands, Aleutian Islands H = 01 47 20 Ottawa eP 01 57 42 Seven Falls eP 01 57 50 Shawinigan Falls eP 01 57 46
JULY 14 Resolute e 20 39 --		
JULY 14 Seven Falls eP 22 20 42 d		
JULY 15 Ottawa eP 01 27 52 Resolute e 01 48 -- e 01 55 30 Seven Falls eP 01 28 13 Shawinigan Falls eP 01 28 06	JULY 15 U. S. C. G. S. 35 1/2N, 23 1/2E Near west coast of Crete H = 07 59 18 Banff eP 08 12 01 d Halifax iP 08 09 56 c Ottawa eP 08 10 41 d Resolute eP 08 09 47 eL 08 27 -- Seven Falls eP 08 10 17 d Shawinigan Falls eP 08 10 26	JULY 16 U. S. C. G. S. 51 1/2N, 176 1/2W Andreanof Islands, Aleutian Islands H = 03 52 39 Banff eP 03 59 54 Halifax e 04 09 34 eL 04 25.4 Horseshoe Bay eP 03 59 22 Ottawa eP 04 03 02 Resolute (PP) 04 01 51 (PPP) 04 02 20 (PcP) 04 02 32 eS 04 06 20 L 04 08.5 Seven Falls eP 04 03 10 Shawinigan Falls eP 04 03 05 Victoria iP 03 59 26 c,S,E
JULY 15 Canadian Arctic H = 02 38 03.9 Resolute eP _n 02 39 47.2 iP ₁ 02 39 52.0 iS _n 02 40 18.5 i 02 40 25.2 D = 300 km	JULY 16 Banff eP 00 36 00 Resolute e 00 44 48	JULY 16 Resolute iP 06 21 45
JULY 15 U. S. C. G. S. 60N, 140 1/2W Southeastern Alaska H = 05 59 34 Banff eP 06 03 22		

DOMINION OBSERVATORIES

JULY 16
 U. S. C. G. S.
 29 1/2S, 113W
 South Pacific Ocean
 H = 12 54 18
 Mag 6
 Halifax
 e 13 17 38
 eL 13 30.4
 Horseshoe Bay
 eP 13 06 26
 Resolute
 e 13 19 12
 S 13 20 20
 PS 13 22 00
 SS 13 28 00
 SSS 13 31 40
 Seven Falls
 eP 13 06 59
 Victoria
 eP 13 06 21 d

JULY 16
 Resolute
 iP 14 32 07 c

JULY 16
 U. S. C. G. S.
 12S, 166 1/2E
 Santa Cruz Islands
 H = 16 54 17
 Halifax
 eL 17 57.8

JULY 16
 U. S. C. G. S.
 12S, 166 1/2E
 Santa Cruz Islands
 H = 18 40 21
 Halifax
 eL 19 47.1
 Resolute
 eS 19 06 18
 eL 19 22 --

JULY 17
 U. S. C. G. S.
 40 1/2N, 23E
 Northern Greece
 H = 05 37 06
 Halifax
 eP 05 47 26 c
 Ottawa
 eP 05 48 09 c
 Resolute
 eP 05 47 01
 eS 05 55 05
 eL 06 03
 Seven Falls
 eP 05 47 43
 Shawinigan Falls
 eP 05 47 52

JULY 17
 Resolute
 eP 06 11 04

JULY 17
 Resolute
 eP 06 42 40

JULY 17
 U. S. C. G. S.
 57 1/2N, 137W
 Southeastern Alaska
 H = 13 48 45
 Banff
 eP 13 52 04
 Halifax
 eL 14 09.9
 Horseshoe Bay
 eP 13 51 35
 eL 13 54.8
 Ottawa
 eP 13 56 05
 Resolute
 eP 13 53 52
 iP 13 53 56 c
 eS 13 58 09
 L 14 02.7

Shawinigan Falls
 ePcP 13 56 56
 Victoria
 eP 13 51 39.5 d
 e 13 51 42
 eS 13 54 56

JULY 17
 Resolute
 iP 14 34 09 c

JULY 17
 U. S. C. G. S.
 51N, 176W
 Andreanof Islands,
 Aleutian Islands
 H = 19 02 10
 Mag 5 3/4

Alberni
 eP 19 08 50

Banff
 eP 19 09 29

Halifax
 eS 19 22 12
 eL 19 35.1

Horseshoe Bay
 eP 19 08 56
 eS 19 14 21

Ottawa
 eP 19 12 35

Resolute
 iP 19 09 45 (c)

PP 19 11 20

PcP 19 11 52

eS 19 15 46

L 19 18 --

Seven Falls
 eP 19 12 43

Shawinigan Falls
 eP 19 12 39

Victoria
 eP 19 09 11 c, E
 eS 19 14 24

SEISMOLOGICAL BULLETIN - 1958

JULY 17
 U. S. C. G. S.
 51N, 177W
 Andreanof Islands,
 Aleutian Islands
 H = 19 29 36
 Horseshoe Bay
 eP 19 36 20
 e 19 41 47
 Ottawa
 eP 19 39 59
 Shawinigan Falls
 eP 19 40 02 d
 Victoria
 eP 19 36 22 c, N

JULY 17
 Resolute
 iP 19 39 15 c

JULY 17
 Shawinigan Falls
 eP 20 38 48

JULY 17
 U. S. C. G. S.
 51N, 177 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 20 59 17
 Mag 6
 Alberni
 eP 21 05 58
 Halifax
 iP 21 10 26 d
 i 21 10 42 d
 eL 21 30.6
 Horseshoe Bay
 eP 21 06 04 c
 ePcP 21 08 44
 e 21 11 27
 Ottawa
 eP 21 09 45
 S 21 18 08

Resolute
 iP 21 06 54 d
 PP 21 08 30
 (PPP) 21 09 02
 eS 21 12 58
 L 21 15.5
 Seven Falls
 eP 21 09 50
 Shawinigan Falls
 eP 21 09 48
 Victoria
 eP 21 06 08

JULY 17
 Resolute
 eP 22 58 46

JULY 18
 U. S. C. G. S.
 51N, 176 1/2W
 Andreanof Islands,
 Aleutian Islands,
 H = 00 39 18
 Mag 5 3/4
 Halifax
 e(P) 00 50 04
 eSS 00 59 18
 e 00 04.9
 eL 00 09.9

Horseshoe Bay
 eP 00 46 01 c
 eS 00 50 24
 eL 00 54.4
 Ottawa
 eP 00 49 40
 Resolute
 eP 00 46 47
 iP 00 46 49
 PP 00 48 27
 (PPP) 00 48 58
 eS 00 52 40
 L 00 55.3
 Saskatoon
 e 00 47 40
 Seven Falls
 eP 00 49 47
 PcP 00 50 27

S 00 58 20
 ScS 00 59 42
 Shawinigan Falls
 eP 00 49 46
 Victoria
 eP 00 46 03
 eS 00 52 10

JULY 18
 Ottawa
 eP 01 19 28

JULY 18
 U. S. C. G. S.
 4S, 78W
 Ecuador, Peru border
 H = 01 47 21
 h = 100 km

Ottawa
 eP 01 56 04 d
 PcP 01 57 28
 Resolute
 iP 01 59 20 d
 Seven Falls
 eP 01 56.22 d
 Shawinigan Falls
 eP 01 56 15 d
 iPcP 01 57 33

JULY 18
 U. S. C. G. S.
 58 1/2N, 138 1/2 W
 Southeastern Alaska
 H = 17 03 58
 Horseshoe Bay
 eS 17 10 27
 Ottawa
 eP 17 11 26
 Resolute
 iP 17 08 59 (c)
 eS 17 13 08
 eL 17 15.0
 Shawinigan Falls
 eP 17 11 31
 Victoria
 eS 17 10 42

DOMINION OBSERVATORIES

JULY 18 U. S. C. G. S. 25 1/2N, 124E Ryukyu Islands region H = 21 38 05 Resolute iP 21 50 01 c i 21 50 11 eS 21 59 30 SS 22 05 -- L 22 10 --	JULY 19 U. S. C. G. S. 4S, 138 1/2E New Guinea H = 06 30 19 h = 150 km Horseshoe Bay eP 06 43 45 (d) Ottawa eP' 06 49 15 i 06 49 58 e 06 50 18 Resolute iP 06 44 07 c pP 06 44 48 PP 06 48 20 SKS 06 54 20 S 06 55 40 sSS 07 03 40 Seven Falls eP' 06 49 16 e 06 49 58 e 06 53 40 Shawinigan Falls eP' 06 49 15 i 06 49 57 e 06 50 17	JULY 19 U. S. C. G. S. 51 1/2N, 176W Andreanof Islands, Aleutian Islands H = 17 23 20 Alberni eP 17 29 54 Banff eP 17 30 37 Halifax iP 17 34 23 d Horseshoe Bay eP 17 30 02 Ottawa eP 17 33 42 Resolute eP 17 30 50 PcP 17 32 59 eS 17 37 00 (SS) 17 39 40 eL 17 41 -- Seven Falls eP 17 33 52 Shawinigan Falls eP 17 33 44 Victoria eP 17 30 01
JULY 18 Resolute iP 22 26 57	JULY 19 U. S. C. G. S. 41N, 143 1/2E Near south coast of Hokkaido, Japan H = 14 57 24 Ottawa eP 15 10 10 Resolute iP 15 07 20 d eS 15 15 20 Shawinigan Falls eP 15 10 11	JULY 19 U. S. C. G. S. 0, 129 1/2E Spice Islands H = 18 16 52 Halifax e(PKS) 18 40 27 ePPS 18 51.2 eSS 18 56.0 Horseshoe Bay eP 18 30 39 ePP 18 35 05 ePPS 18 44.5 Ottawa eP' 18 36 02 Resolute eP 18 30 43 iP 18 30 44 PP 18 35 00
JULY 18 46°42'N, 71°24'W In the St. Lawrence River about 15 miles above Quebec City, Quebec H = 23 56 27.1 Mag 3.2 Ottawa iP _n 23 57 21.2 i 23 57 24 iP ₁ 23 57 27.8 iS ₁ 23 58 11.8 D = 363 km Seven Falls iP ₁ 23 56 38.8 eS ₁ 23 56 46.8 D = 65 km Shawinigan Falls iP ₁ 23 56 44.0 iS ₁ 23 56 57 D = 106 km	JULY 19 Resolute eP 01 48 08 e 02 06 46	

SEISMOLOGICAL BULLETIN - 1958

e 18 41 30 PS 18 44 00 SS 18 50 00 Seven Falls eP' 18 36 06 Shawinigan Falls eP' 18 36 05 Victoria e 18 34 59.8 L 19 03 12	JULY 21 48.8°N, 122.3W Northeast of Bellingham, Washington H = 05 51 35 Alberni iP 05 52 05.1 D = 91 km Horseshoe Bay iP 05 51 50.8(c) iS 05 52 02.7 D = 98 km Victoria eP 05 51 51.0 c eS 05 52 03.0 D = 99 km	Seven Falls eP 07 37 25 d S 07 47 37 Shawinigan Falls eP 07 37 23 i 07 37 36 Victoria eP 07 34 53
JULY 19 U. S. C. G. S. 1/2S, 129E Spice Islands aftershock H = 22 14 01 Resolute iP 22 27 58 (c) SS 22 46 30 Shawinigan Falls eP' 22 33 17	JULY 21 U. S. C. G. S. 44 1/2N, 147 1/2E Kurile Islands H = 07 24 58 Mag 6 - 6 1/4 Alberni eP 07 34 45 Banff eP 07 35 16 c Halifax eS 07 48 22 eL 08 01.2 Horseshoe Bay eP 07 34 50 d eS 07 42 46 eL 07 51.7 Ottawa eP 07 37 22 i 07 37 39 Resolute iP 07 34 26 c S 07 42 04 ScS 07 44 12 e 07 44 35 SS 07 46 03 eL 07 46.7	JULY 21 U. S. C. G. S. 12N, 89W Near coast of El Salvador H = 09 39 06 Horseshoe Bay eP 09 47 43 Ottawa eP 09 46 00 Resolute iP 09 49 32 d eL 10 09 -- Seven Falls eP 09 46 26 Shawinigan Falls iP 09 46 15
JULY 20 Resolute eP 03 53 13 e 04 03 16	JULY 20 U. S. C. G. S. 31 1/2S, 71W Central Chile H = 11 43 47 Ottawa eP 11 55 39 Resolute SS 12 12 24 Seven Falls eP 11 55 50 Shawinigan Falls eP 11 55 46	JULY 21 U. S. C. G. S. 51 1/2N, 178W Andreanof Islands, Aleutian Islands H = 14 37 18 Mag 6 1/4 Alberni iP 14 44 03 c

DOMINION OBSERVATORIES

Banff eP 14 43 44 c	Ottawa eP _n 01 47 36.9 i 01 47 38.0 iP ₁ 01 47 45 iS _n 01 48 17.0 S ₁ 01 48 29 D = 403 km	Shawinigan Falls eP 05 19 04 d
Halifax iP 14 48 25 eS 14 57 23 eL 15 05.6	Seven Falls S ₁ 01 50 24.5 D = 822 km	Victoria eP 05 15 25.5
Horseshoe Bay iP 14 44 10 c, S, E iPcP 14 46 43 iS 14 49 38 eL 14 54.2	Shawinigan Falls iS _n 01 49 14.6 e 01 49 41.4 eL 01 50 02.4 D = 663 km	JULY 22 Resolute eP 10 42 58.5 e 10 49 36
Ottawa eP 14 47 44 c S 14 56 10 SSS 15 03 13	JULY 22 U. S. C. G. S. 58 1/2N, 138W Southeastern Alaska H = 03 55 35 Horseshoe Bay eP 03 58 37 eS 04 01 01	JULY 22 U. S. C. G. S. Marshall Islands region H = 20 30 00 Resolute eS 20 52 40 eL 21 02 --
Resolute iP 14 44 50 PP 14 46 28 PcP 14 46 55 iS 14 50 53 SS 14 53 50	Resolute iP 04 00 35.5(c) PP 04 01 13 eS 04 04 41 eL 04 06.7	JULY 22 Resolute eP 22 28 28
Seven Falls eP 14 47 50 c S 14 56 15 SSS 15 03 22	Victoria eS 04 02 15	JULY 22 U. S. C. G. S. 53N, 160W Gulf of Alaska H = 22 45 51 h = 100 km
Shawinigan Falls eP 14 47 46 c PcP 14 48 23	JULY 22 U. S. C. G. S. 51N, 176W Andreanof Islands, Aleutian Islands H = 05 08 40	Horseshoe Bay eP 22 50 53
Victoria iP 14 44 12.5 c, S, E iS 14 49 43 L 14 52.2	Ottawa iP 05 19 02 d	Ottawa eP 22 54 57 d
JULY 22 43°00'N, 79°30'W About 15 miles west of Welland, Ontario H = 01 46 40.2 Mag 4.3	Resolute iPcP 05 18 19 d eS 05 22 20 eL 05 25 --	Resolute eP 22 52 24 d iP 22 52 25 c eS 22 57 47 G 23 00
Jean-de-Brebeuf e 01 48 03.6 iP ₁ 01 48 07.5 iS _n 01 48 49.1 S ₁ 01 49 13.5 D = 546 km	Seven Falls eP 22 55 08	Seven Falls eP 22 55 08

SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls iP 22 55 02 c	Resolute iP 18 14 38 (c) eL 19 02	Jean-de-Brebeuf iP ₁ 19 22 59.5 iS ₁ 19 23 13.7 D = 118km
Victoria iP 22 50 56 d, N, W	JULY 23 Resolute i 22 45 14 d i 22 45 16 Local shock	Ottawa iP ₁ 19 23 22.0 iS ₁ 19 23 53.8 D = 262 km
JULY 23 U. S. C. G. S. 31N, 142E South of Honshu, Japan H = 10 27 19	JULY 24 U. S. C. G. S. 52 1/2N, 170W Fox Islands, Aleutian Islands H = 13 08 05	Shawinigan Falls iP ₁ 19 22 11.0 iS ₁ 19 23 34.9 D = 194 km
Alberni eP 10 38 29	Banff eP 10 39 00	JULY 25 Horseshoe Bay eP 01 43 33 eS 01 50 03
Banff eP 10 39 00	Halifax e 10 51 18 eSKKS 10 52 34 ePPS 10 55 40 eSS 10 59 56 eL 11 17.5	Victoria eP 01 43 43 eS 01 50 29
Horseshoe Bay eP 10 38 32 eS 10 47 49	Horseshoe Bay iP 13 18 42 d eS 13 27 18 eL 13 38.1	JULY 25 Resolute e 01 42 10 e 01 48 20 e 01 48 42 e 01 54 42 e 01 55 15 Local shock
Ottawa e(P) 10 40 42 e 10 40 53	Ottawa eP 13 14 03 eL 13 21.4	JULY 25 46°34'N, 75°48'W In the Gatineau River Valley about 15 miles north of Maniwaki Quebec H = 03 45 10.7 Mag 3.8
Resolute eP 10 38 22 c iP 10 38 23 d eS 10 47 22 ScS 10 48 20 L 10 55.1	Ottawa eP 13 17 58 c	Jean-de-Brebeuf P ₁ 03 45 45.6 i 03 45 47.1 S ₁ 03 46 12 D = 217 km
Shawinigan Falls eP 10 40 53	Resolute eP 13 15 11 PP 13 16 36 eS 13 20 40 eL 13 23 --	JULY 24 44°49'N, 72°29'W About 10 miles southeast of Richford Vermont H = 19 22 39.9 Mag 2.8
Victoria eP 10 38 37.5	Seven Falls eP 13 18 06	
JULY 23 Resolute eP 12 34 45	Shawinigan Falls eP 13 18 00	
JULY 23 U. S. C. G. S. 10N, 89 1/2W Off coast of Nicaragua H = 18 03 56	Victoria eP 13 14 10 d, W	

DOMINION OBSERVATORIES

Ottawa	JULY 26	Seven Falls
P ₁ 03 45 32.0	U. S. C. G. S.	eP 17 46 23 d
S ₁ 03 45 48.2	60 1/2S, 168 1/2W	i 17 47 54
D = 132 km	South Pacific Ocean	i 17 49 15
Seven Falls	H = 08 35 10	S 17 53 45
P _n 03 46 07.6	Resolute	ScS 17 55 15
P ₁ 03 46 16.7	P' 08 55 12	SS 17 57 21
i 03 46 35.2	SSS 09 23 00	L 18 01 13
S _n 03 46 46.2	L 09 33.5	iP'P' 18 13 54 d
i 03 46 49		i 18 15 28
S ₁ 03 47 04		SKPP' 18 17 51
D = 396 km	JULY 26	Shawinigan Falls
Shawinigan Falls	U. S. C. G. S.	iP 17 46 17 d
P ₁ 03 45 47.7	13 1/2S, 69W	S 17 53 28
i 03 45 49.6	Peru, Bolivia border	e 17 53 38
i 03 46 15.5	H = 17 37 09	ScS 17 55 07
S ₁ 03 46 17.7	h = 650 km	SS 17 56 54
D = 246 km	Mag 7 - 7 1/4	L 18 00 57
	Alberni	P'P' 18 13 48
JULY 25	iP 17 48 16 d	Victoria
Resolute	i 17 50 30	iP 17 48 09 d, S, E
eP 18 03 40	iS 17 57 19	iS 17 57 18
	Halifax	
	iP 17 46 09 d	
	i 17 46 15	JULY 26
JULY 26	ipP 17 48 11	Halifax
In the Canadian Arctic	iS 17 53 23	iP 18 13 38 d
H = 03 08 30.7	iScS 17 54 53	i 18 15 27 c
Mag 2.0	Horseshoe Bay	
Resolute	iP 17 48 11 c	JULY 26
iP ₁ 03 08 42.7	eS 17 57 20	Ottawa
iS ₁ 03 08 53.3	Ottawa	eP 18 23 14
D = 87 km	iP 17 46 13 d	Seven Falls
	PP 17 48 15	eP 18 23 21
JULY 26	PPP 17 49 18	Shawinigan Falls
U. S. C. G. S.	S 17 53 20	eP 18 23 48
40S, 45 1/2E	i 17 53 30	
South Indian Ocean	ScS 17 55 06	JULY 26
H = 06 13 50	e 17 56 16	Resolute
Halifax	SS 17 56 48	eP 18 49 22
eSS 06 52 21	L 18 00 52	
eSSS 06 57 15	iP'P' 18 13 44	JULY 26
eL 07 14.0	i 18 15 16	U. S. C. G. S.
Ottawa	Resolute	12N, 161 1/2E
eP' 06 33 19	iP 17 49 04.5 d	Marshall Islands
Resolute	Saskatoon	H = 20 29 59
P' 06 33 21	iP 17 49 39	Resolute
PP 06 36 30	i 17 48 02	iP 20 42 22 c
SS 06 55 00	iS 17 56 16	

SEISMOLOGICAL BULLETIN - 1958

JULY 27	Victoria	JULY 27
U. S. C. G. S.	eP 03 31 42	U. S. C. G. S.
20 1/2S, 178 1/2W		55N, 34 1/2W
Fiji Islands region		North Atlantic Ocean
H = 00 22 32		H = 18 30 33
h = 600 km	JULY 27	Halifax
Resolute	47°19'N, 70°18'W	iP 18 35 20 c
iP 00 39 56 c	In the St. Lawrence	Ottawa
Shawinigan Falls	River south of Ile aux	eP 18 36 23
iP' 00 40 09 c	Coudres, Quebec	Resolute
	H = 08 58 00.2	eP 18 36 41
	Mag 3.0	eS 18 41 48
	Ottawa	eL 18 44 --
	eS ₁ 09 00 07.3	Seven Falls
	D = 463 km	eP 18 35 47
	Seven Falls	S 18 40 09
	iP ₁ 08 58 07.4	Shawinigan Falls
	iS ₁ 08 58 12.8	eP 18 35 57 c
	D = 44 km	
	Shawinigan Falls	JULY 28
	iP ₁ 08 58 29.7	U. S. C. G. S.
	iS ₁ 08 58 54.4	5S, 151 1/2E
	D = 202 km	New Britain
		H = 01 23 05
		h = 200 km
JULY 27	JULY 27	Ottawa
U. S. C. G. S.	Resolute	eP' 01 41 42
51N, 179W	iP 09 14 07 c	Resolute
Andreanof Islands,		SS 01 55
Aleutian Islands		SSS 01 59 04
H = 02 14 22		G 02 04
Resolute		e 02 06 37
eP 02 22 00	JULY 27	
(PcP) 02 24 04	Halifax	JULY 27
	iP 12 18 59 c	U. S. C. G. S.
JULY 27		28 1/2S, 62E
U. S. C. G. S.	JULY 27	South Indian Ocean
45 1/2N, 148E	U. S. C. G. S.	H = 17 19 03
Kurile Islands	28 1/2S, 62E	Ottawa
H = 03 21 56	H = 17 19 03	eP' 17 38 34
Sanff	Ottawa	Resolute
eP 03 31 59	eP' 17 38 34	P' 17 38 19
Ottawa	Resolute	e 17 41 44
eP 03 34 14 d	P' 17 38 19	
Resolute	e 17 41 44	
eP 03 31 11		
P 03 31 18		
PcP 03 32 22		
e 03 32 29		
(ScS) 03 41 --		
Seven Falls		
eP 03 34 21		

DOMINION OBSERVATORIES

JULY 28
In the Canadian Arctic
H = 03 11 45.8
Mag 2.0
Resolute
iP₁ 03 12 02.6
iS₁ 03 12 12.4
D = 88 km

JULY 28
Resolute
i 08 22 24
i 08 22 42
Local shock

JULY 28
Resolute
i 09 39 23
Local shock

JULY 28
Halifax
eP 16 02 12
eS 16 06 06
Ottawa
e 16 03 13
Resolute
e 16 08 34
e 16 09 12
Seven Falls
e 16 02 38
Shawinigan Falls
eP 15 59 59
i 16 02 52
e 16 04 06

JULY 28
U. S. C. G. S.
20S, 177 1/2W
Fiji Islands region
H = 17 24 40
h = 500 km
Resolute
eS 17 51 10
sSS 18 00 06

JULY 28
U. S. C. G. S.
26 1/2S, 115 1/2W
South Pacific Ocean
H = 18 33 45
Seven Falls
eP 18 46 18
Shawinigan Falls
eP 18 46 10

JULY 29
U. S. C. G. S.
20 1/2S, 175 1/2W
Tonga Islands
H = 10 49 27
Resolute
e 11 14 28
eS 11 15 40
SS 11 23
G 11 33.7

JULY 29
Shawinigan Falls
eP 21 00 07

JULY 29
48°43'N, 123°13'W
Gulf Islands
H = 21 14 17
Mag 2.0
Alberni
eP 21 14 39.8
D = 142 km
Horseshoe Bay
iP 21 14 30.0
iS 21 14 40.1
D = 83 km
Victoria
iP 21 14 22.1dSE
iS 21 14 25.7
D = 29 km

JULY 29
U. S. C. G. S.
4N, 26 1/2W
Atlantic Ocean
H = 21 37 25
Banff
eP 21 50 07 c
Halifax
iP 21 46 35 c
Horseshoe Bay
eP 21 50 59
Ottawa
eP 21 47 29 c
PcP 21 48 17
e 22 17 03
Resolute
iP 21 49 39 c
eS 21 59 50
SS 22 05 00
eL 22 10 --
Seven Falls
eP 21 47 15 c
PcP 21 48 05
e 22 16 49
Shawinigan Falls
iP 21 47 20 c
PcP 21 48 04
e 22 17 00
Victoria
iP 21 50 33.5 c

JULY 30
U. S. C. G. S.
44 1/2N, 148 1/2E
Kurile Islands
H = 02 47 17
Ottawa
iP 02 59 39 c
Resolute
iP 02 56 41 c
eS 03 04 09
ScS 03 06 49
eL 03 10
Seven Falls
eP 02 59 39
Shawinigan Falls
eP 02 59 38



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JULY 30
U. S. C. G. S.
2 1/2S, 140E
New Guinea
H = 04 44 53
Resolute
e 05 02 36
eS 05 09 20
e 05 12 12
Shawinigan Falls
eP' 05 04 03

JULY 30
U. S. C. G. S.
30N, 141E
South of Honshu,
Japan
H = 07 32 28
Horseshoe Bay
eP 07 43 49
Resolute
iP 07 43 37 d
eS 07 52 33
e 08 06 36
Victoria
iP 07 43 52 c

JULY 30
Resolute
iP 10 04 09 d

JULY 30
U. S. C. G. S.
South Pacific Ocean
H = 15 10 18
Resolute
e 15 39 12
e 15 41 14
e 15 48 12
e 16 02
e 16 14

JULY 31
U. S. C. G. S.
51 1/2N, 174 1/2W
Andreanof Islands,
Aleutian Islands
H = 02 03 45
Halifax
eL 02 37.9
Ottawa
eP 02 14 01 c
Resolute
eP 02 10 10
eS 02 16 14
eL 02 20.3
Seven Falls
eP 02 14 08
Shawinigan Falls
eP 02 14 04

JULY 31
U. S. C. G. S.
51 1/2N, 174 1/2W
Andreanof Islands
Aleutian Islands
H = 02 26 23
Ottawa
eP 02 36 38 c
Resolute
eS 02 39 48
eL 02 42
Seven Falls
eP 02 36 46
Shawinigan Falls
eP 02 36 42 c

JULY 31
48.6°N, 123.1°W
Gulf Islands
H = 07 22 11
Alberni
iP 07 22 31.9
D = 131 km
Horseshoe Bay
iP 07 22 24.8
iS 07 22 34.2
D = 86 km

Victoria
iP 07 22 15.0
eS 07 22 18.1
D = 25 km

JULY 31
U. S. C. G. S.
San Juan Province,
Argentina
H = 12 00 57
h = 150 km
Ottawa
eP 12 12 34 d
Seven Falls
eP 12 12 42
Shawinigan Falls
eP 12 12 40 d

JULY 31
U. S. C. G. S.
61 1/2N, 151W
Southern Alaska
H = 15 48 32
Ottawa
eP 15 56 44
Resolute
eS 15 57 45
Seven Falls
eP 15 56 52
Shawinigan Falls
eP 15 56 48

August 1
U. S. C. G. S.
16S, 176 1/2W
Fiji Islands region
H = 05 37 50
h = 450 km
Alberni
eP 05 49 16
Halifax
eS 06 04 24
e 06 05 04
ePS 06 06 58
esPS 06 08 50
eSSS 06 17.0

DOMINION OBSERVATORIES

Horseshoe Bay
eP 05 49 18
Ottawa
eP' 05 55 36
Victoria
iP 05 49 18 c, E

AUGUST 1
48°16'N, 124°58'W
Off coast of Washington
H = 21 04 23
Mag 2.4
Alberni
iP 21 04 41.4
D = 102 km
Horseshoe Bay
iP 21 04 51.5
iS 21 05 11.8
D = 165 km
Victoria
iP 21 04 42.5 c, W
iS 21 05 02.5
D = 119 km

AUGUST 2
U. S. C. G. S.
Off coast of Oaxaca,
Mexico
H = 04 45 25
Ottawa
eP 04 52 06

AUGUST 2
Ottawa
eP 10 00 25

AUGUST 3
U. S. C. G. S.
21 1/2S, 179W
Fiji Islands region
H = 01 06 24
h = 550 km
Mag 6 1/4 - 6 1/2

Banff
eP 01 18 36 c
epP 01 20 45
Horseshoe Bay
iP 01 18 13 d
epP 01 20 17 d
ePP 01 20 40
Ottawa
iP' 01 24 04 d
Resolute
eS 01 31 19
PKKP 01 35 04
SS 01 39 21
sSS 01 42 24
SSS 01 43 24
Seven Falls
eP' 01 24 10
Shawinigan Falls
eP' 01 27 07 d
Victoria
iP 01 18 10.5 d, E
ipP 01 20 14
iS 01 28 00

AUGUST 4
U. S. C. G. S.
6S, 130E
Banda Sea
H = 04 13 19
h = 150 km
Halifax
eP' 04 32 25 c
epPP 04 36 10
esPKS 04 37 10
e 04 43.3
epPS 04 46.5
Ottawa
eP' 04 32 12
i 04 32 25
e 04 33 15
PKS 04 35 38
Resolute
iP 04 27 22
PP 04 31 46
(sPP) 04 32 40
S 04 38 40
sPS 04 41 52
SS 04 46 --

Seven Falls
eP' 04 32 16
i 04 32 25
PKS 04 35 40
Shawinigan Falls
eP' 04 32 15
i 04 32 25
e 04 33 19
PKS 04 35 36

AUGUST 4
U. S. C. G. S.
5 1/2S, 152 1/2E
New Britain region
H = 13 33 55
Shawinigan Falls
eP' 13 52 57

AUGUST 4
U. S. C. G. S.
43 1/2N, 147E
Kurile Islands
H = 17 48 20
h = 200 km
Resolute
iP 17 57 33

AUGUST 4
43°08'N, 80°00'W
Near Caledonia,
Ontario
H = 20 25 58
h = 0 km ?
Mag 3.9
Montreal
iP_n 20 27 14.7
iP₁ 20 27 29.0
iS_n 20 28 11.0
(S₁) 20 28 34.5
D = 570 km
Ottawa
iP_n 20 26 57
iP₁ 20 27 05.5
eS_n 20 27 39.6
S₁ 20 27 53
D = 420 km

SEISMOLOGICAL BULLETIN - 1958

Seven Falls
(S₁) 20 29 52.2
D = 844 km

AUGUST 6
48°41'N, 124°41'W
South west Vancouver
Island
H = 00 07 07
Mag 1.7
Alberni
eP 00 07 17.1
eS 00 07 24.8
D = 63 km
Victoria
eP 00 07 22.3
D = 96 km

AUGUST 6
U. S. C. G. S.
Near coast of Northern
Chile
H = 02 49 10
Resolute
eL 03 56 12
eL 04 11 --

AUGUST 6
Ottawa
eP 03 46 04 d

AUGUST 6
Ottawa
eP 04 01 10

AUGUST 6
49.5°N, 127.7°W
North of Estevan Point
H = 04 24 37
Mag 3.3

Alberni
iP 04 24 00.4
D = 175 km
Victoria
eP 04 24 17.7
eS 04 24 58.3
D = 374 km

AUGUST 6
49.5°N, 127.7°W
North of Estevan Point
H = 04 24 41
Mag 3.3
Alberni
eP 04 24 04.0
iS 04 24 21.8
Horseshoe Bay
iP 04 24 19.1
i 04 24 23.5
iS 04 24 54.4
D = 328 km
Victoria
eP 04 24 21.1
D = 374 km

AUGUST 6
Resolute
iP 06 46 53

AUGUST 6
U. S. C. G. S.
24 1/2S, 63W
Salta Province,
Argentina
H = 09 51 24
h = 550 km
Banff
iP 10 03 20 c
Horseshoe Bay
eP 10 03 33 c
Ottawa
iP 10 01 49 c
Shawinigan Falls
iP 10 01 53 c
Victoria
eP 10 03 30.5 c

AUGUST 6
U. S. C. G. S.
17S, 173W
Tonga Islands
H = 21 09 09
Mag 6 3/4
Alberni
eP 21 21 13
Banff
eP 21 21 43
Halifax
eSKS 21 35 57
ePS 21 38 44
eSS 21 44 43
eL 21 56.5
Horseshoe Bay
eP 21 21 28 d
Resolute
eP 21 23 11 (c)
PP 21 27 23
SKS 21 33 48
PS 21 36 30
SS 21 42 10
Shawinigan Falls
eP' 21 27 56
Victoria
iP 21 21 14 c, S

AUGUST 6
U. S. C. G. S.
12S, 167E
Santa Cruz Islands
H = 21 51 00
h = 150 km
Seven Falls
eP' 22 09 39
Shawinigan Falls
eP' 22 09 37 d

AUGUST 7
Canadian Arctic
H = 02 20 50
h = 12 km
Mag 3.8

DOMINION OBSERVATORIES

Resolute
 iP_n 02 21 48.5
 iP₁ 02 21 58.7
 iS_n 02 22 31.5
 eS₁ 02 22 51
 D = 430 km

AUGUST 8
 U. S. C. G. S.
 55N, 166E
 Komandorskie Islands
 H = 00 36 13
 Alberni
 eP 00 44 01
 Ottawa
 eP 00 47 07
 Resolute
 iP 00 43 51 (d)
 Shawinigan Falls
 eP 00 47 08
 Victoria
 iP 00 44 10 c, N, E

AUGUST 8
 Resolute
 e 07 25 22

AUGUST 8
 U. S. C. G. S.
 37N, 71 1/2E
 Hindu Kush
 H = 12 52 06
 h = 200 km
 Resolute
 eP 13 02 51
 eS 13 11 37
 eSS 13 16 08
 e 13 17 --
 Shawinigan Falls
 eP 13 04 53

AUGUST 8
 U. S. C. G. S.
 59 1/2N, 139W
 Southeastern Alaska
 H = 14 40 55

Resolute
 eP 14 45 48
 e 14 52 20
 e 14 54 15

AUGUST 8
 48°17'N, 123°45'W
 Strait of Juan de
 Fuca
 H = 18 04 05
 Mag 2.7
 Alberni
 iP 18 05 18.3 d
 iS 18 05 34.6
 D = 133 km
 Horseshoe Bay
 iP 18 05 16.7
 D = 123 km
 Victoria
 iP 18 05 02.6 c
 eS 18 05 07.3
 D = 36 km

AUGUST 8
 U. S. C. G. S.
 42N, 2 1/2E
 France-Spain border
 region
 H = 20 37 30
 Resolute
 eS 20 54 19
 e 21 03
 e 21 06

AUGUST 8
 47°56'N, 70°23'W
 About 30 miles up
 Riviere Malbaie,
 Quebec
 H = 22 15 03
 h = 0 km ?
 Mag 4.0
 Montreal
 iP₁ 22 17 03
 eS_n 22 17 34.5
 iS₁ 22 17 45
 D = 365 km

Ottawa
 iP₁ 22 17 22
 i 22 17 25
 iS₁ 22 18 22.5
 D = 495 km
 Seven Falls
 iP₁ 22 16 18.2
 iS₁ 22 16 29.6
 D = 93 km
 Shawinigan Falls
 iP₁ 22 16 40.7
 i 22 16 43.5
 iS₁ 22 17 09.5
 D = 236 km

AUGUST 9
 Resolute
 eP 06 59 24

AUGUST 9
 Halifax
 eL 13 35.0
 Resolute
 eP 13 07 19 c
 e 13 10 41
 e 13 27 20

AUGUST 9
 Resolute
 iP 13 43 15 c

AUGUST 10
 Canadian Arctic
 H = 02 14 20
 Mag 1.8
 Resolute
 iP₁ 02 14 30
 iS₁ 02 14 37.5
 D = 61 km



SEISMOLOGICAL BULLETIN - 1958

AUGUST 10
 U. S. C. G. S.
 3 1/2S, 151 1/2E
 New Britain region
 H = 18 05 54
 Resolute
 e 18 30 28
 eS 18 31 14
 SS 18 38 05

AUGUST 10
 U. S. C. G. S.
 21 1/2N, 144E
 Mariana Islands region
 H = 23 41 37
 h = 150 km
 Resolute
 iP 23 53 17 c
 pP 23 53 50

AUGUST 11
 U. S. C. G. S.
 18S, 168 1/2E
 New Hebrides Islands
 H = 07 53 12
 Ottawa
 iP' 08 12 06 d
 Resolute
 PS 08 21 26
 PSPS 08 28 14
 G 08 38 05
 L 08 44

AUGUST 11
 U. S. C. G. S.
 3S, 100 1/2E
 Off coast of Sumatra
 H = 20 26 22
 Resolute
 (SKS) 20 51 24
 PS 20 54 30
 L 21 24.7

AUGUST 12
 48°36'N, 69°23'W
 About 10 miles NW
 of Sault-au-Mouton,
 Quebec.
 H = 03 22 12
 h = 5 km ?
 Mag 3.9
 Montreal
 (Pn) 03 23 17
 i 03 23 18
 i 03 23 20
 iP₁ 03 23 28.5
 i 03 24 08
 iS₁ 03 24 25
 D = 472 km
 Ottawa
 (P₁) 03 23 46.5
 S₁ 03 24 55.5
 D = 598 km
 Shawinigan Falls
 iP₁ 03 22 43.4
 i 03 22 45.2
 iS₁ 03 23 07.2
 D = 195 km
 Shawinigan Falls
 eP₁ 03 23 06.4
 e 03 23 41
 eS₁ 03 23 49
 D = 342 km

AUGUST 12
 U. S. C. G. S.
 59 1/2N, 139W
 Southeastern Alaska
 H = 15 10 57
 Resolute
 eP 15 15 50
 e 15 22 26
 e 15 35 22

AUGUST 12
 U. S. C. G. S.
 Off coast of Oaxaca,
 Mexico
 H = 15 35 40
 h = 100 km
 Ottawa
 eP 15 42 19 d
 i 15 42 29
 Resolute
 eP 15 45 37
 iP 15 45 47
 eS 15 53 51
 PKKP 16 04 35
 Shawinigan Falls
 eP 15 42 38
 e 15 42 48

AUGUST 12
 U. S. C. G. S.
 27N, 110 1/2W
 Gulf of California
 H = 16 23 42
 Halifax
 eL 16 44.1
 Ottawa
 eP 16 30 22
 S_cS 16 41 06
 e 16 41 48
 L 16 42 28
 e 16 44 10
 Resolute
 eP 16 32 28
 P_cP 16 33 48
 eS 16 39 28
 SS 16 43 08
 L 16 46 --

DOMINION OBSERVATORIES

Victoria PP 19 43 11
 eP 16 28 59 (SKS) 19 49 37
 e 19 50 --
 Seven Falls
 eP' 19 44 20
 U.S.C.G.S. PP 19 46 34
 1/2N, 126E
 Molucca Passage
 foreshock eP' 19 44 20
 H = 16 53 13 PP 19 46 34
 Ottawa PKS 19 47 45
 eP' 17 12 32
 PP 17 14 58
 e 19 43 34

AUGUST 12
 U.S.C.G.S.
 9 1/2S, 123 1/2E
 Timor Island
 H = 19 04 20
 Halifax
 eP' 19 24 02 c
 Shawinigan Falls
 eP' 19 23 55

AUGUST 12
 U.S.C.G.S.
 0, 126 1/2E
 Molucca Passage
 H = 19 25 05
 Halifax
 eP' 19 44 33
 ePP 19 47 01
 ePKS 19 48 03
 ePPS 19 58 57
 e 20 03.1
 eSS 20 04 54
 G 20 20.1
 Ottawa
 eP' 19 44 21
 PP 19 46 35
 Resolute
 iP 19 39 01
 e 19 42 29

AUGUST 12
 U.S.C.G.S.
 6S, 152E
 Near coast of New
 Britain
 H = 23 12 17
 h = 100 km
 Ottawa
 eP' 23 31 07
 Resolute
 pS 23 39 18
 SS 23 44 28
 Seven Falls
 eP' 23 31 11
 Shawinigan Falls
 eP' 23 31 10

AUGUST 13
 U.S.C.G.S.
 6S, 152 1/2E
 Near coast of New
 Britain
 H = 00 11 28
 Ottawa
 eP' 00 30 28
 e 00 31 08
 Seven Falls
 eP' 00 30 31
 Shawinigan Falls
 eP' 00 30 29
 e 00 31 09

AUGUST 13
 U.S.C.G.S.
 1/2N, 126E
 Molucca Passage
 H = 03 50 35
 Ottawa
 eP' 04 09 48
 Seven Falls
 eP' 04 09 48
 Shawinigan Falls
 eP' 04 09 48

AUGUST 13
 U.S.C.G.S.
 36 1/2N, 66 1/2E
 Northern Afghanistan
 H = 07 33 29
 Resolute
 iP 07 44 36 c
 eS 07 53 40
 L 08 01.3

AUGUST 13
 U.S.C.G.S.
 6S, 153E
 Off coast of New
 Britain
 H = 10 02 49
 Resolute
 e 10 56 26
 e 11 03 30

AUGUST 13
 Resolute
 e 18 10 28
 e 18 16 20

AUGUST 13
 U.S.C.G.S.
 51N, 177 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 20 13 00
 Alberni
 eP 20 19 43

SEISMOLOGICAL BULLETIN - 1958

Halifax
 iP 20 24 09 c
 e 20 24 22
 iS 20 33 12
 eSS 20 38 07
 eL 20 45.1
 Horseshoe Bay
 eP 20 19 50
 Ottawa
 eP 20 23 29 d
 i 20 23 43
 PP 20 26 04
 S 20 32 02
 Resolute
 iP 20 20 40
 PP 20 22 16
 eS 20 26 44
 L 20 29
 Seven Falls
 eP 20 23 36
 i 20 23 51
 S 20 32 10
 Shawinigan Falls
 eP 20 23 32 d
 i 20 23 48
 Victoria
 iP 20 19 53 d, W

AUGUST 14
 U.S.C.G.S.
 19 1/2N, 146 1/2E
 Mariana Islands
 H = 02 28 25
 Resolute
 eP 02 40 28
 L 03 01.4

AUGUST 14
 Resolute
 e 08 05 16
 e 08 08 10

AUGUST 14
 U.S.C.G.S.
 23 1/2S, 175 1/2W
 Tonga Islands region
 H = 09 45 14

Resolute
 eL 10 39 --
 AUGUST 14
 U.S.C.G.S.
 34 1/2N, 48E
 Iran
 H = 11 27 00
 Ottawa
 eP 11 39 43
 Resolute
 iP 11 38 05 d
 eS 11 47 14
 SS 11 51 30
 L 11 55 --
 Seven Falls
 eP 11 39 23
 Shawinigan Falls
 eP 11 39 31

AUGUST 14
 Ottawa
 eP 12 17 06 d
 Shawinigan Falls
 eP 12 17 07 d

AUGUST 14
 U.S.C.G.S.
 52N, 175W
 Andreanof Islands
 Aleutian Islands
 H = 14 55 10
 Mag 6 1/2
 Alberni
 eP 15 01 37
 Banff
 eP 15 02 17
 Halifax
 iP 15 06 09 c
 i 15 06 23 d
 iS 15 15 02
 eS_cS 15 16 21
 e(SS) 15 18 28
 eL 15 26.1
 Horseshoe Bay
 eP 15 01 46
 eS 15 07 04

Ottawa
 iP 15 05 27 c
 S 15 13 40
 PS 15 14 06
 S_cS 15 15 18
 SSS 15 20 38
 Resolute
 eP 15 02 36
 iP 15 02 37 c
 PP 15 04 09
 P_cP 15 04 45
 eS 15 08 30
 L 15 11.2
 Saskatoon
 iP 15 02 57
 iS 15 09 08
 Seven Falls
 iP 15 05 34 c
 S 15 14 00
 S_cS 15 15 44
 SSS 15 21 00
 L 15 23.5
 Shawinigan Falls
 eP 15 05 31 c
 Victoria
 iP 15 01 48 c, E

AUGUST 14
 U.S.C.G.S.
 51N, 175 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 15 18 05
 Ottawa
 eP 15 28 26 c
 Resolute
 eP 15 25 35
 P_cP 15 27 47
 Seven Falls
 eP 15 28 34
 Shawinigan Falls
 eP 15 28 29 c

AUGUST 14
 U.S.C.G.S.
 34N, 47 1/2E
 Iran
 H = 15 26 19

DOMINION OBSERVATORIES

Halifax iP 15 38 32 d	AUGUST 15 U. S. C. G. S. 6S, 150 1/2E	AUGUST 15 U. S. C. G. S. 53N, 160 1/2E
Ottawa eP 15 39 01 c	New Britain H = 02 26 51	Near east coast of Kamchatka H = 19 55 39
Resolute iP 15 37 25 c	Ottawa eP' 02 45 55	H = 60 km Mag 6 3/4
Seven Falls eP 15 38 42	Resolute eS 02 52 39	Alberni eP 20 03 55
Shawinigan Falls eP 15 38 49	(PS) 02 54 07	Banff eP 20 04 23
	SS 03 00 18	Halifax iP 20 07 23 c
AUGUST 14 Ottawa eP 15 34 46 c	Shawinigan Falls eP' 02 45 56	ipP 20 07 52
		iPP 20 10 29
AUGUST 14 Seven Falls eP 16 04 35	AUGUST 15 U. S. C. G. S. 7N, 73W	iS 20 16 57
	Northern Columbia H = 06 20 53	esSS 20 23 06
	h = 200 km	e(SSS) 20 26 08
	Banff eP 06 30 17 c	Horseshoe Bay eP 20 04 00
AUGUST 14 48°33'N, 123°19'W	Halifax iP 06 28 02 c	eS 20 10 43
Gulf Islands H = 21 21 42	iPcP 06 30 11 d	Ottawa iP 20 06 52 c
Mag 1.9	Horseshoe Bay iP 06 30 40 c	i 20 07 12
Alberni iP 21 22 03.2	i 06 31 18 d	PP 20 09 41
D = 150 km	Ottawa iP 06 28 01 c	S 20 16 00
Horseshoe Bay iP 21 21 55.4	PcP 06 30 10	PS 20 16 36
D = 101 km	Resolute iP 06 31 40 c	SS 20 21 10
Victoria iP 21 21 44.8	Seven Falls eP 06 28 16 c	L 20 24.5
eS 21 21 49.1	Shawinigan Falls eP 06 28 10 c	Resolute iP 20 03 38 c
D = 35 km	PcP 06 30 14	pPP 20 05 34
	Victoria iP 06 30 39 c, S, E	iS 20 10 15
AUGUST 14 Alberni iP 22 26 49.9	i 06 31 17	S _c S 20 13 20
iS 22 27 00.2 S		Saskatoon eP 20 04 50
D = 85 km		eS 20 12 16
		eL 20 22
	AUGUST 15 Banff eP 13 26 16	Seven Falls iP 20 06 54 c
	Resolute eP 13 26 32	i 20 07 14
AUGUST 14 Resolute e 23 48 04	e 13 32 26	S 20 16 06
	e 13 36 18	PS 20 16 39
	e 13 40 26	PPS 20 17 06
		SS 20 21 02
		SSS 20 24 17
		L 20 27 47
		Shawinigan Falls eP 20 06 53 c



SEISMOLOGICAL BULLETIN - 1958

Victoria iP 20 04 04 c, S, E	PKS 22 51 37	S 13 31 10
eS 20 11 02	SKS 22 54 53	L 13 34.0
	PS 23 00 02	Saskatoon eP 13 25 47
	SS 23 07 27	eS 13 31 58
AUGUST 15 U. S. C. G. S. 1 1/2N, 125E	Seven Falls eP' 22 48 06	Seven Falls eP 13 28 20
Celebes H = 22 29 17	e 22 48 53	i 13 28 31
h = 200 km	e 22 51 08	PcP 13 29 01
Mag 6 3/4 - 7	PS 23 00 11	S 13 36 46
	SS 23 07 18	S _c S 13 38 26
Banff eP 22 43 21	Victoria eP 22 42 57 c	SS 13 41 17
e 22 46.3		Shawinigan Falls eP 13 28 16 c
eP' 22 47 28		i 13 28 29
Halifax iP' 22 48 20 d	AUGUST 16 Resolute e 11 40 40	Victoria iP 13 24 34 c
i 22 48 29 d	e 11 47 20	
ipP' 22 49 02 d	e 12 10 --	AUGUST 16 Resolute iP 13 35 29 c
isP' 22 49 37 c		
iPP 22 50 46 d		
ipPP 22 51 28 d		
isPKS 22 52 51		
Horseshoe Bay eP 22 42 58	AUGUST 16 U. S. C. G. S. 51 1/2N, 176W	AUGUST 16 Ottawa eP 18 06 03
e 22 47 20	Andreasof Islands, Aleutian Islands H = 13 17 52	Seven Falls eP 18 05 25
Ottawa eP' 22 48 08	Mag 6 - 6 1/4	Shawinigan Falls eP 18 05 37
e 22 48 53	Alberni eP 13 24 25	
e 22 51 06	Banff eP 13 25 02	
PKS 22 51 43	Halifax iP 13 28 53	AUGUST 16 U. S. C. G. S. 34 1/2N, 48E
e 22 52 40	i 13 29 06	Iran H = 19 13 45
SKS 22 55 34	eS 13 37 48	Banff eP 19 27 02
PS 22 00 35	eSS 13 42 54	Halifax iP 19 25 55 c
SS 23 07 34	eL 13 48.2	i 19 26 51
Resolute iP 22 42 45 c	Horseshoe Bay eP 13 24 32	ePP 19 28 50
PP 22 46 55	Ottawa eP 13 28 12 c	iS 19 36 00
sPP 22 48 00	i 13 28 25	iPS 19 36 46
SKS 22 53 05	S 13 36 34	eL 19 48.4
SS 23 01 06	Resolute iP 13 25 22 c	Horseshoe Bay eP 19 27 18
Saskatoon eP' 22 48 13	PP 13 26 59	
Seven Falls eP' 22 48 09	PcP 13 27 31	
e 22 48 55		
PP 22 50 25		
e 22 51 12		

DOMINION OBSERVATORIES

Ottawa eP 19 26 26 PP 19 29 46 S 19 36 47 PS 19 37 42 SS 19 42 13	AUGUST 17 Ottawa iP 07 43 23 c	AUGUST 17 U. S. C. G. S. 51 1/2N, 176W Andreanof Islands, Aleutian Islands H = 11 16 13 Ottawa eP 11 26 32
Saskatoon e 19 37 53	AUGUST 17 U. S. C. G. S. 51 1/2N, 176W	
Seven Falls eP 19 26 06 S 19 36 23 PS 19 37 12 e 19 38 55 SS 19 42 12 SSS 19 45 24 L 19 47 20	Andreanof Islands, Aleutian Islands H = 09 08 35 Banff eP 09 15 46 Halifax i 09 20 41 eS 09 28 33 eL 09 38.9	AUGUST 17 U. S. C. G. S. 3S, 145 1/2E Bismark Sea H = 18 01 05 Halifax ePS 18 32 53 e 18 43 55 eSSS 18 45 48 eL 18 59.2
Shawinigan Falls eP 19 26 14 PP 19 29 28	Horseshoe Bay eP 09 15 16 Ottawa eP 09 18 56 S 09 27 16	Horseshoe Bay eP 18 14 28 Ottawa eP' 18 20 14
Victoria eP 19 27 21	Resolute P 09 16 05 PP 09 17 42 S 09 22 26 (SS) 09 24 58 L 09 30	Shawinigan Falls eP' 18 20 21 Victoria eP 18 14 27
AUGUST 17 Ottawa eP 04 56 21 Seven Falls eP 04 55 41 Shawinigan Falls eP 04 55 54	Seven Falls eP 09 19 04 Shawinigan Falls eP 09 19 00 i 09 19 22 Victoria eP 09 15 18	AUGUST 17 48° 31'N, 81° 30'W About 20 miles SE of Iroquois Falls, Ontario H = 19 08 05 Mag 3.7 Montreal iS ₁ 19 11 19 D = 687 km
AUGUST 17 Ottawa eP 05 07 10 Seven Falls eP 05 06 21 Shawinigan Falls eP 05 06 45	AUGUST 17 U. S. C. G. S. 51 1/2N, 176W	Ottawa iS _n 19 08 27.5 iS ₁ 19 10 42 D = 562 km
AUGUST 17 Shawinigan Falls eP 06 33 54	Andreanof Islands, Aleutian Islands H = 10 50 40 Halifax eL 11 23.4 Ottawa eP 11 01 01	Seven Falls iS ₁ 19 11 52.8 D = 815 km Shawinigan Falls iS ₁ 19 11 20.6 D = 694 km
AUGUST 17 Shawinigan Falls eP 06 59 34		

SEISMOLOGICAL BULLETIN - 1958

AUGUST 17 U. S. C. G. S. 35 1/2S, 179 1/2W Kermadec Islands region H = 21 11 09 Ottawa iP' 21 30 08 i 21 30 19 iPKKP 21 39 56 Seven Falls eP' 21 30 15 c i 21 30 26 Shawinigan Falls iP' 21 30 12 d i 21 30 24	AUGUST 18 U. S. C. G. S. 7 1/2N, 78W Panama-Colombia border H = 10 16 40 Ottawa iP 10 24 00 Resolute eP 10 27 39 (c) L 10 48 -- Seven Falls eP 10 24 19 Shawinigan Falls eP 10 24 12 c	AUGUST 19 U. S. C. G. S. 51 1/2N, 175 1/2W Andreanof Islands, Aleutian Islands H = 16 06 18 Banff eP 16 13 28 Ottawa eP 16 16 37 d Resolute P _c P 16 15 56 eS 16 20 13 L 16 22.4 Shawinigan Falls eP 16 16 42 d Victoria eP 16 13 00
AUGUST 18 U. S. C. G. S. Upper Gulf of California H = 06 00 52 Mag 5 1/4 Halifax eL 06 23.2 Resolute eL 06 26 --	AUGUST 18 Resolute eP 15 25 03	AUGUST 19 U. S. C. G. S. 53N, 160E Near east coast of Kamchatka H = 16 29 44 h = 100 km Alberni eP 16 37 55 Horseshoe Bay eP 16 37 59 Ottawa eP 16 40 52 c Resolute iP 16 37 37 c i 16 38 09 Seven Falls eP 16 40 54 Shawinigan Falls eP 16 40 53 c Victoria eP 16 38 04
AUGUST 18 U. S. C. G. S. 30 1/2N, 114W Gulf of California H = 06 44 14 Mag 5 1/2 Banff eP 06 48 58 Halifax eL 07 06.5 Horseshoe Bay eP 06 48 51 Ottawa eP 06 50 54 Resolute eL 07 05.6 Victoria eP 06 48 40	AUGUST 18 Shawinigan Falls eP 23 36 37	AUGUST 19 Ottawa eP 00 05 34 Seven Falls eP 00 05 10 Shawinigan Falls eP 00 05 30
		AUGUST 19 U. S. C. G. S. 1S, 149 1/2E New Ireland Island H = 21 48 07

DOMINION OBSERVATORIES

Horseshoe Bay
eP 22 01 09
Ottawa
eP' 22 07 09
Shawinigan Falls
eP' 22 07 11
Victoria
eP 22 01 12
eS 22 11 37

AUGUST 20
U. S. C. G. S.
14S, 167E
New Hebrides Islands
H = 03 40 07
Mag 6 1/4 - 6 1/2
Halifax
eSS 04 18.7
eL 04 39.7
Horseshoe Bay
eP 03 53 10
Ottawa
eP' 03 58 57
Resolute
P 03 54 22
P' 03 58 10
SKS 04 05 00
S 04 06 20
PS 04 08 07
PPS 04 08 50
SS 04 14 00
L 04 24 --
Shawinigan Falls
eP' 03 59 01
Victoria
eP 03 53 23
e 03 53 56
eS 04 03 44
eL 04 20

AUGUST 20
U. S. C. G. S.
45N, 99 1/2E
Outer Mongolia
H = 06 22 23
Resolute
eP 06 32 30

AUGUST 20
U. S. C. G. S.
24N, 122E
Near east coast
of Formosa
H = 08 46 04
Banff
eP 08 59 04
Horseshoe Bay
eP 08 58 50
Resolute
eP 08 58 08
eS 09 08 10
eL 09 19 --

AUGUST 20
U. S. C. G. S.
53 1/2N, 159 1/2E
Kamchatka
H = 09 20 10
Ottawa
eP 09 31 28
Resolute
eP 09 28 13
PP 09 30 02
Shawinigan Falls
eP 09 31 29

AUGUST 20
U. S. C. G. S.
19S, 170E
New Hebrides Islands
H = 17 39 38
Resolute
PS 18 08 34
PPS 18 09 42
SS 18 15 --

AUGUST 20
U. S. C. G. S.
52N, 158E
Kamchatka
H = 21 42 21
Ottawa
eP 21 53 46

Resolute
iP 21 50 34 d
Shawinigan Falls
eP 21 53 47
Victoria
eP 21 51 01

AUGUST 20
Seven Falls
eP 22 32 34

AUGUST 21
U. S. C. G. S.
20S, 65W
Southern Bolivia
H = 00 12 53
h = 300 km
Horseshoe Bay
eP 00 25 05 c
Ottawa
eP 00 23 11
Resolute
eS 00 36 42
SS 00 43 20
Seven Falls
eP 00 23 19
Shawinigan Falls
eP 00 23 17 c
Victoria
i 00 25 02 c
e 00 26 25

AUGUST 21
U. S. C. G. S.
24S, 176W
Tonga Islands region
H = 01 09 00
Resolute
S 01 36 00
PS 01 37 40
SS 01 43 38
SSS 01 47 48
Victoria
eP 01 21 43

SEISMOLOGICAL BULLETIN - 1958

AUGUST 21
U. S. C. G. S.
26 1/2S, 62W
Santiago del Estero
Province, Argentina
H = 08 27 35
h = 550 km
Ottawa
iP 08 38 15 c
Resolute
e(P) 08 41 09
Seven Falls
eP 08 38 22
Shawinigan Falls
eP 08 38 20

AUGUST 21
U. S. C. G. S.
28 1/2N, 139 1/2E
Bonin Islands region
H = 11 53 55
Resolute
eP 12 05 18
eS 12 14 04

AUGUST 21
U. S. C. G. S.
53N, 163W
Fox Islands,
Aleutian Islands
H = 12 19 00
Ottawa
iP 12 28 47 d
Resolute
eP 12 26 01
PcP 12 28 26
eS 12 31 40
eL 12 34
Shawinigan Falls
eP 12 28 51
Victoria
e 12 24 56

AUGUST 21
U. S. C. G. S.
18S, 176W
Fiji Islands region
H = 20 59 10
h = 250 km
Halifax
eSKS 21 24 05
e(SKKS) 21 25 20
eSP 21 28 14
epPS 21 29 18
iP'P' 21 38 18
Victoria
iP 21 10 59 d
epP 21 11 52
eS 21 20 50
esS 21 22 26

AUGUST 21
U. S. C. G. S.
49 1/2S, 117E
South Indian Ocean
H = 00 01 21
Resolute
iP' 00 21 17 d
iP' 00 21 23 d
(PSPS) 00 45 33
SSS 00 51 --

AUGUST 22
U. S. C. G. S.
43°00'N, 79°00'W
In the Niagara Peninsula,
Ontario
H = 14 25 05
h = 5 km ?
Mag 3.6
Montreal
S₁ 14 27 31
D = 530 km

Ottawa
iP_n 14 26 00.6
P₁ 14 26 08.7
iS_n 14 26 40.0
iS₁ 14 26 54.0
D = 380 km
Shawinigan Falls
S₁ 14 28 07
D = 645 km

AUGUST 22
U. S. C. G. S.
51N, 179 1/2W
Andreanof Islands,
Aleutian Islands
H = 20 33 40
Horseshoe Bay
eP 20 40 37
Shawinigan Falls
iP 20 44 14
Victoria
eP 20 40 41

AUGUST 22
U. S. C. G. S.
26 1/2S, 115W
Pacific Ocean
H = 23 18 33
Banff
eP 23 30 33
Horseshoe Bay
eP 23 30 25
Ottawa
eP 23 30 49
Shawinigan Falls
eP 23 31 01
Victoria
eP 23 30 21 d

AUGUST 23
48°41'N, 123°01'W
Gulf Islands
H = 05 26 40
Mag 2.4

DOMINION OBSERVATORIES

Horseshoe Bay H = 05 00 29
 iP 05 26 52.6
 e 05 27 02.2
 D = 79 km
 Victoria
 iP 05 26 45.2 c, W
 iS 05 26 48.8
 D = 29 km

AUGUST 23
 U. S. C. G. S.
 52N, 173W
 Andreanof Islands,
 Aleutian Islands
 H = 21 56 53
 Resolute
 eP 22 04 17
 eS 22 10 17
 eL 22 13 03
 Shawinigan Falls
 eP 22 07 07

AUGUST 24
 Resolute
 e 05 18 28

AUGUST 24
 U. S. C. G. S.
 14N, 121E
 Near coast of Luzon,
 Philippine Islands
 H = 16 54 25
 Ottawa
 iP 17 07 07 c
 pP 17 07 43
 eS 17 17 22
 Seven Falls
 eP' 17 12 59
 Shawinigan Falls
 eP' 17 12 59

AUGUST 26
 U. S. C. G. S.
 37 1/2N, 142E
 Near east coast of
 Honshu, Japan

H = 05 00 29
 Resolute
 eP 05 10 54
 e 05 11 23
 eS 05 19 32

AUGUST 26
 U. S. C. G. S.
 14S, 167E
 New Hebrides
 Islands foreshock
 H = 12 20 43
 Resolute
 eS 12 46 42
 PS 12 48 40
 SS 12 53 50
 L 13 03.5

AUGUST 26
 U. S. C. G. S.
 14S, 167E
 New Hebrides
 Islands foreshock
 H = 12 45 02
 Halifax
 eL 13 27.5

AUGUST 26
 U. S. C. G. S.
 14S, 167E
 Santa Cruz Islands
 H = 15 57 57
 h = 150 km
 Shawinigan Falls
 eP' 16 17 07
 i 16 17 11

AUGUST 26
 U. S. C. G. S.
 14S, 167E
 New Hebrides Islands
 H = 17 55 34
 Ottawa
 iP' 18 14 27 d

Resolute
 SKS 18 20 28
 eS 18 21 45
 SS 18 29 14
 L 18 39.2
 Shawinigan Falls
 eP' 18 14 30 d

AUGUST 26
 U. S. C. G. S.
 14S, 167E
 New Hebrides
 Islands aftershock
 H = 23 23 20
 Ottawa
 iP' 23 50 29 d
 Resolute
 e 23 50 12
 e 23 56 30
 e 23 58 18
 e 23 59 30
 e 24 01 10
 e 24 05 30
 e 24 07 --
 Shawinigan Falls
 eP 23 50 33

AUGUST 26
 U. S. C. G. S.
 14S, 167 1/2E
 New Hebrides
 Islands aftershock
 H = 23 45 07
 Halifax
 e 24 24.3
 eL 24 36.3

AUGUST 27
 U. S. C. G. S.
 4 1/2S, 104 1/2W
 About 1000 Miles
 southwest of Galapagos
 Islands
 H = 02 25 32
 Halifax
 eS 02 44 06
 eSS 02 48 08
 eSSS 02 51.1



SEISMOLOGICAL BULLETIN - 1958

Ottawa
 iP 02 35 10 d
 S 02 43 02
 PS 02 43 35
 ScS 02 45 06
 Resolute
 eP 02 37 37
 e 02 37 44
 e 02 38 07
 eS 02 47 38
 SS 02 52 26
 G 02 58.6
 Shawinigan Falls
 eP 02 35 26

AUGUST 27
 U. S. C. G. S.
 53 1/2N, 159 1/2E
 Kamchatka
 H = 13 09 03
 Horseshoe Bay
 eP 13 17 27
 Ottawa
 eP 13 20 19 c
 Resolute
 iP 13 17 05 c
 (PcP) 13 18 53
 eS 13 23 30
 e 13 23 52
 L 13 27 00
 Shawinigan Falls
 eP 13 20 20 c
 Victoria
 eP 13 17 30

AUGUST 27
 U. S. C. G. S.
 38N, 20 1/2E
 Near west coast of
 Greece
 H = 15 16 35

Halifax
 iP 15 26 51 c
 iS 15 35 06
 eScS 15 36 41
 eSSS 15 42 00
 Horseshoe Bay
 eP 15 29 22
 Ottawa
 iP 15 27 38 c
 S 15 36 38
 ScS 15 37 38
 SS 15 41 10
 SSS 15 44 16
 Resolute
 iP 15 26 44 d
 iS 15 35 00
 ScS 15 36 35
 SS 15 39 12
 Seven Falls
 eP 15 27 12 c
 S 15 35 50
 PS 15 36 23
 e 15 36 46
 e 15 38 20
 SS 15 39 50
 G 15 43.5
 Shawinigan Falls
 eP 15 27 22
 PcP 15 28 03
 Victoria
 eP 15 29 28 d
 eS 15 39 51
 iS 15 39 57

AUGUST 27
 Resolute
 eP 21 02 27

AUGUST 28
 Resolute
 eP 04 16 25

AUGUST 28
 Resolute
 eP 08 02 38
 e 08 02 45
 e 08 12 40
 e 08 23 --

AUGUST 28
 U. S. C. G. S.
 33 1/2S, 69 1/2W
 Chile-Argentina,
 border
 H = 09 36 06
 Ottawa
 eP 09 48 12 d
 Resolute
 eL 10 32 --
 Seven Falls
 eP 09 48 22 d
 Shawinigan Falls
 eP 09 48 19

AUGUST 28
 Shawinigan Falls
 eP 17 28 16

AUGUST 28
 Resolute
 e 17 56 26

AUGUST 28
 U. S. C. G. S.
 53N, 170 1/2W
 Fox Islands,
 Aleutian Islands
 H = 18 15 49
 Halifax
 iP 18 26 28 c
 eL 18 46.8
 Ottawa
 eP 18 25 43
 Resolute
 eP 18 22 25
 (PcP) 18 25 19
 e 18 31 00
 eL 18 32.0

DOMINION OBSERVATORIES

Shawinigan Falls
eP 18 25 49

AUGUST 29
Resolute
e 02 55 30

AUGUST 29
U. S. C. G. S.
14 1/2S, 167E
New Hebrides Islands
H = 12 24 23
Mag 5 3/4-6
Ottawa
iP' 12 43 18 c
Resolute
SKS 12 49 22
eS 12 50 24
PS 12 52 24
Seven Falls
eP' 12 43 23 d
Shawinigan Falls
eP' 12 43 20

AUGUST 29
Canadian Arctic
H = 12 57 16
h = 0 km ?
Mag 2.8
Resolute
e(P_n) 12 58 16
iP₁ 12 58 23.1
eS_n 12 58 58
eS₁ 12 59 12
D = 420 km

AUGUST 29
U. S. C. G. S.
14S, 167E
New Hebrides
Islands aftershock
H = 12 51 57
Resolute
e(P) 13 06 08
(PPP) 13 13 08

AUGUST 30
Resolute
eP 07 45 56

AUGUST 30
Resolute
e 12 38 20

AUGUST 30
U. S. C. G. S.
27 1/2N, 112W
Gulf of California
H = 18 38 18
Banff
eP 18 43 34
Halifax
eL 18 55.4
Horseshoe Bay
eP 18 43 31
Ottawa
eP 18 45 00
P_cP 18 47 45
S 18 50 27
L 18 55.2
Resolute
iP 18 47 05
eS 18 54 00
SS 18 57 34
Saskatoon
e 18 48 13
L 18 51 26
Seven Falls
eP 18 45 37 c
S 18 51 09
L 18 57.0
Shawinigan Falls
eP 18 45 23
Victoria
eP 18 43 22
i 18 43 36
eS 18 47 37
eL 18 50.0

AUGUST 31
Off coast of Oregon
H = 06 02 01
Mag 3.7
Horseshoe Bay
eP 06 03 06.1
D = 485 km
Victoria
eP 06 02 55.1
e 06 02 57.8
iS 06 03 34.2
D = 390 km

AUGUST 31
Resolute
eP 15 29 28
e 15 38 00

AUGUST 31
48.4°N, 123.6°W
South west of Victoria,
Strait of Juan de Fuca
H = 17 33 56
Mag 1.6
Alberni
iP 17 34 18.5
iS 17 34 34.1
D = 139 km
Victoria
iP 17 34 00.0 d,S
iS 17 34 02.8
D = 23 km

AUGUST 31
U. S. C. G. S.
63N, 144 1/2W
Central Alaska
H = 23 00 16
Mag 5 3/4 - 6
Alberni
eP 23 04 23
Banff
eP 23 04 44 c
Halifax
iP 23 08 52 c
ePP 23 10 45

SEISMOLOGICAL BULLETIN - 1958

ePS 23 15 57
eS_cS 23 18 49
eSS 23 19 21
eL 23 23 21.6
Horseshoe Bay
eP 23 04 29
Ottawa
eP 23 08 03 c
PP 23 09 46
P_cP 23 10 03
S 23 14 25
SS 23 17 24
Saskatoon
iP 23 05 17
e 23 09 31
Seven Falls
eP 23 08 11
PP 23 09 51
S 23 14 36
SS 23 17 27
L 23 19.6
Shawinigan Falls
iP 23 08 08 c
Victoria
iP 23 04 35 c,S,E
iS 23 08 13
eL 23 09.8

SEPTEMBER 1
Resolute
iP 15 29 13 (d)
e 15 29 26
e 15 34 23

SEPTEMBER 1
U. S. C. G. S.
38N, 134 1/2E
Sea of Japan
H = 15 29 31
h = 400 km
Resolute
iP 15 39 20 c
pP 15 40 50
eS 15 47 09
S_cS 15 48 31
sS 15 49 49

SEPTEMBER 2
U. S. C. G. S.
38N, 21E
Ionian Islands
H = 01 13 26
Resolute
eP 01 23 35 (c)
eS 01 31 47
eL 01 49 -

SEPTEMBER 2
U. S. C. G. S.
10 1/2S, 164 1/2E
Santa Cruz Islands region
H = 02 27 41
Resolute
eS 02 53 32
eG 03 10.4
eL 03 16 -

SEPTEMBER 2
U. S. C. G. S.
6 1/2S, 155E
Solomon Islands
H = 02 56 34
h = 100 km
Ottawa
eP' 03 15 23 c
i 03 15 32
Resolute
ePP 03 14 32
Seven Falls
eP' 03 15 27
Shawinigan Falls
eP' 03 15 25
i 03 15 35

SEPTEMBER 2
U. S. C. G. S.
Near coast of El Salvador
H = 19 41 10
h = 100 km
Banff
iP 19 49 14 c
Horseshoe Bay
eP 19 49 36
Ottawa
eP 19 47 51
Shawinigan Falls
eP 19 48 08
Victoria
eP 19 49 28

SEPTEMBER 2
U. S. C. G. S.
15N, 92 1/2W
Near coast of
Oaxaca, Mexico
H = 20 07 04
Banff
iP 20 14 45 c
Halifax
ePP 20 16 07
eS 20 20 29
eL 20 25.8
Horseshoe Bay
eP 20 15 02
Ottawa
eP 20 13 46
Shawinigan Falls
eP 20 14 04
Victoria
eP 20 14 55

SEPTEMBER 3
U. S. C. G. S.
0, 18W
Atlantic Ocean
H = 03 44 24
Halifax
iP 03 54 38 d
iS 04 02 49
eL 04 09.0

DOMINION OBSERVATORIES

Ottawa
 iP 03 55 26 c
 S 04 04 28
 L 04 12.2
 Seven Falls
 eP 03 55 13
 S 04 04 00
 L 04 11 28
 Shawinigan Falls
 eP 03 55 17
 e 03 56 19

SEPTEMBER 3
 Ottawa
 e(P) 04 23 16
 e 04 23 50

SEPTEMBER 3
 U. S. C. G. S.
 Off coast of
 Guatemala
 H = 04 17 50
 Banff
 eP 04 25 43
 Horseshoe Bay
 eP 04 25 59
 Ottawa
 eP 04 24 26
 P_cP 04 27 25
 Shawinigan Falls
 eP 04 25 04
 Victoria
 eP 04 25 55

SEPTEMBER 3
 U. S. C. G. S.
 40 1/2N, 143E
 Off northeast coast of
 Honshu, Japan
 H = 08 10 26
 h = 60 km
 Horseshoe Bay
 eP 08 20 48

Ottawa
 eP 08 23 11
 Resolute
 iP 08 20 21 (d)
 eS 08 28 25
 S_cS 08 30 11
 SS 08 32 17
 eL 08 35 -
 Seven Falls
 eP 08 23 12
 Shawinigan Falls
 eP 08 23 11
 Victoria
 eP 08 20 51

SEPTEMBER 4
 U. S. C. G. S.
 37N, 26 1/2E
 Dodecanese Islands
 H = 00 03 00
 h = 60 km
 Ottawa
 eP 00 14 23 d
 Seven Falls
 eP 00 14 01
 Shawinigan Falls
 eP 00 14 08

SEPTEMBER 4
 U. S. C. G. S.
 51 1/2N, 177 1/2E
 Rat Islands,
 Aleutian Islands
 H = 06 58 52
 Resolute
 eP 07 06 36 d
 PP 07 08 16
 eS 07 13 11
 L 07 16 -

SEPTEMBER 4
 Canadian Arctic
 H = 14 28 02.3
 Mag. 06
 iP₁ 14 28 22
 iS₁ 14 28 23.5
 D = 12.3 km

SEPTEMBER 4
 U. S. C. G. S.
 33 1/2S, 69 1/2W
 Chile-Argentina border
 H = 21 51 08
 Mag 6 3/4 - 7
 Alberni
 e 22 15 51
 eL 22 38.4
 Banff
 eP 22 04 27
 Halifax
 e 22 03 13
 iP 22 03 19 d
 i 22 04 30 d
 ePP 22 06 09
 i 22 07 15
 iS 22 13 17
 iSSS 22 22 40
 iL 22 22.6
 Horseshoe Bay
 eP 22 04 38
 e 22 08 39
 eS 22 15 15
 eSP 22 17 23
 eL 22 38.1
 Ottawa
 iP 22 03 17 d
 i 22 04 34
 e 22 06 03
 PP 22 06 26
 i 22 07 17
 S 22 13 04
 S_cS 22 13 24
 SS 22 18 00
 Saskatoon
 eP 22 04 17
 eS 22 14 53
 Seven Falls
 iP 22 03 26
 i 22 04 43
 PP 22 06 32
 i 22 07 27
 S 22 13 35
 S_cS 22 13 55
 PS 22 14 52
 L 22 28.1

SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls
 iP 22 03 25
 i 22 04 39
 e 22 05 30
 e 22 05 54
 e 22 06 00
 PP 22 06 24
 i 22 07 23
 Victoria
 eP 22 04 35
 e 22 08 33
 eS 22 15 12
 i 22 17 14
 e 22 22.6
 eL 22 33.7

SEPTEMBER 5
 U. S. C. G. S.
 Chile-Argentina border
 H = 03 41 22
 Ottawa
 eP 03 53 29
 Resolute
 eL 07 08 -
 Shawinigan Falls
 eP 03 53 35

SEPTEMBER 5
 U. S. C. G. S.
 34S, 70W
 Chile-Argentina border
 H = 06 12 58
 Ottawa
 eP 06 25 05
 Shawinigan Falls
 eP 06 25 10

SEPTEMBER 5
 Resolute
 iP 09 47 59
 i 09 49 08

SEPTEMBER 5
 U. S. C. G. S.
 Kurile Islands
 H = 10 59 03
 Ottawa
 iP 11 11 14 c

Resolute
 iP 11 08 14 c
 Shawinigan Falls
 eP 11 11 12

SEPTEMBER 5
 U. S. C. G. S.
 5S, 102E
 Near coast of
 Sumatra
 H = 13 01 55
 Resolute
 SKS 13 27 11
 PS 13 30 28

SEPTEMBER 5
 U. S. C. G. S.
 5S, 102E
 Sumatra aftershock
 H = 13 08 04
 Resolute
 SKS 13 33 20
 (PS) 13 36 45

SEPTEMBER 5
 H = 23 28 46
 Mag 1.9
 Banff
 eP 23 28 50.8
 eS 23 28 54.7
 D = 32 km

SEPTEMBER 5
 U. S. C. G. S.
 7N, 73W
 Northern Colombia
 H = 02 48 14
 h = 150 km
 Ottawa
 eP 02 55 25 c

Shawinigan Falls
 eP 02 55 35

SEPTEMBER 7
 Resolute
 i(P) 12 52 26

SEPTEMBER 7
 Resolute
 e 16 37 20
 e 16 38 49

SEPTEMBER 8
 U. S. C. G. S.
 53 1/2N, 159E
 Near east coast of
 Kamchatka
 H = 05 25 37
 h = greater than normal
 Alberni
 iP 05 33 58 (d)
 ipP 05 34 13
 eS 05 40 38
 Banff
 iP 05 34 26 c
 Halifax
 eP 05 37 26 (d)
 i 05 37 49
 eS 05 47 01
 e(SSS) 05 55 46
 eL 06 02.8
 Horseshoe Bay
 iP 05 34 04 c, S, E,
 eS 05 40 51
 Ottawa
 iP 05 36 54 c
 i 05 37 08
 pP 05 37 17
 PP 05 39 34
 S 05 46 06
 SS 05 51 13
 SSS 05 54 03
 Resolute
 iP 05 33 41
 PP 05 35 25
 iS 05 40 07
 (sS) 05 40 30
 (S_cS) 05 43 35

DOMINION OBSERVATORIES

Seven Falls
 iP 05 36 57 c
 PP 05 39 34
 S 05 46 11
 Shawinigan Falls
 iP 05 36 56 c
 i 05 37 11
 Victoria
 iP 05 34 07 c
 i 05 36 15 d
 eS 05 40 55

SEPTEMBER 8
 U. S. C. G. S.
 33 1/2N, 131 1/2E
 Northern Kyushu,
 Japan
 H = 14 53 13
 h = 60 km
 Resolute
 iP 15 04 06
 pP 15 04 27
 P_cP 15 04 35
 sP 15 04 50
 eS 15 12 51
 (S_cS) 15 14 00
 G 15 21.3
 L 15 23.0

SEPTEMBER 8
 U. S. C. G. S.
 34S, 70W
 Chile-Argentina border
 H = 22 24 55
 Ottawa
 iP 22 37 03 c
 Seven Falls
 eP 22 37 10
 Shawinigan Falls
 iP 22 37 09 c

SEPTEMBER 9
 U. S. C. G. S.
 46N, 151E
 Kurile Islands
 H = 11 32 05
 Banff
 eP 11 41 58

Horseshoe Bay
 eP 11 41 34 c
 Ottawa
 iP 11 44 14 c
 Resolute
 iP 11 41 15
 eS 11 48 33
 S_cS 11 51 02
 Shawinigan Falls
 iP 11 44 15 c
 i 11 44 32
 Victoria
 eP 11 41 38

SEPTEMBER 9
 Horseshoe Bay
 eP 21 32 23
 SEPTEMBER 9
 U. S. C. G. S.
 54N, 171E
 Near Islands region,
 Aleutian Islands
 H = 22 23 37
 Alberni
 eP 22 31 05 (c)
 Banff
 eP 22 31 37
 Halifax
 eL 22 54.2
 Horseshoe Bay
 eP 22 31 11 c
 Ottawa
 iP 22 34 23 d
 Shawinigan Falls
 eP 22 34 26
 Victoria
 eP 22 31 13 c

SEPTEMBER 11
 48°54'N, 122°09'W
 Northwest of
 Mount Baker
 H = 00 35 51
 Mag 2.5

Alberni
 eP 00 36 22.7
 eS 00 36 47.2
 D = 202 km
 Horseshoe Bay
 iP 00 36 07.4
 iS 00 36 19.5
 D = 99 km
 Victoria
 iP 00 36 08.2
 iS 00 36 21.5
 D = 105 km

SEPTEMBER 11
 Ottawa
 iP 01 11 48 c
 Seven Falls
 eP 01 11 55
 Shawinigan Falls
 eP 01 11 59 c

SEPTEMBER 11
 Resolute
 e 13 47 05
 e 13 51 -
 e 13 54 45

SEPTEMBER 11
 48°32'N, 69°44'W
 About 20 miles west
 of Sault-au-Mouton, Que.
 H = 17 34 43.9
 Mag 3.5
 Montreal
 P₁ 17 35 55.7
 S₁ 17 36 50.2
 D = 448 km
 Ottawa
 S₁ 17 37 24
 D = 573 km
 Seven Falls
 P₁ 17 35 13
 S₁ 17 35 34.5
 D = 177 km



SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls
 P₁ 17 35 34.1
 S₁ 17 36 13.5
 D = 318 km

SEPTEMBER 11
 48° 32'N, 69° 44'W
 About 20 miles west of
 Sault-au-Mouton, Que.
 H = 17 41 16.6
 Mag 3.5
 Montreal
 iP₁ 17 42 28.2
 iS₁ 17 43 22.5
 D = 448 km

Ottawa
 P₁ 17 42 48
 S₁ 17 43 58.2
 D = 573 km
 Seven Falls
 P₁ 17 41 45.5
 S₁ 17 42 07
 D = 177 km
 Shawinigan Falls
 P₁ 17 42 06.7
 S₁ 17 42 45.5
 D = 318 km

SEPTEMBER 11
 48°32'N, 69°44'W
 About 20 miles west of
 Sault-au-Mouton, Que.
 H = 17 49 55.6
 Mag 3.9
 Montreal
 iP₁ 17 51 07.4
 iS₁ 17 52 01.5
 D = 448 km

Ottawa
 P₁ 17 51 27.0
 S₁ 17 52 37
 D = 573 km
 Seven Falls
 iP₁ 17 50 24.0
 S₁ 17 50 45.5
 D = 177 km

Shawinigan Falls
 P₁ 17 50 45.9
 S₁ 17 51 24.8
 D = 318 km

SEPTEMBER 11
 U. S. C. G. S.
 7 1/2N, 126 1/2E
 Near east coast of
 Mindanao, Philippine
 Islands
 H = 18 01 44
 Ottawa
 eP' 18 20 45

SEPTEMBER 12
 U. S. C. G. S.
 41S, 78 1/2E
 Indian Ocean
 H = 05 37 46
 Resolute
 SS 06 11 14

SEPTEMBER 12
 Shawinigan Falls
 e(P') 18 20 46

SEPTEMBER 12
 Halifax
 iP 18 44 51 d
 Ottawa
 eP 18 48 30
 Shawinigan Falls
 e(P) 18 47 30

SEPTEMBER 14
 About 100 km from
 Ottawa, Ont.
 H = 13 22 54.7
 Mag 2.1
 Ottawa
 iP₁ 13 23 10.5
 iS₁ 13 23 22.5
 L 13 23 27.5

SEPTEMBER 14
 U. S. C. G. S.
 57N, 121E
 Stanovoi Mountains
 region, Siberia
 H = 14 21 37
 Mag 6 1/4 - 6 1/2
 Alberni
 eP 14 31 57
 Halifax
 eP 14 33 44 c
 iS 14 43 47
 Horseshoe Bay
 eP 14 31 59 (d)
 eS 14 40 25
 Ottawa
 eP 14 33 35
 PP 14 36 39
 PPP 14 38 21
 S 14 43 25
 S_cS 14 43 52
 PS 14 44 22
 SS 14 48 34
 SSS 14 51 50
 G 14 54 10
 P'P' 15 00.7
 Resolute
 iP 14 30 10 (c)
 P_cP 14 31 42
 PP 14 32 04
 iS 14 37 00
 SS 14 40 12
 L 14 40 37
 Seven Falls
 eP 14 33 28 d
 i 14 34 42
 PP 14 36 37
 S 14 43 13
 SS 14 47 47
 G 14 54 15
 Shawinigan Falls
 eP 14 33 32
 P'P' 15 00 45
 Victoria
 eP 14 32 04
 i 14 32 07 c
 eS 14 40 33

DOMINION OBSERVATORIES

SEPTEMBER 14
 U.S.C.G.S.
 31N, 133E
 Off east coast of
 Kyushu, Japan
 H = 19 42 13
 Horseshoe Bay
 eP 19 54 08
 Resolute
 iP 19 53 20
 i 19 53 34
 Victoria
 eP 19 54 12

SEPTEMBER 14
 U.S.C.G.S.
 7S, 68E
 Chagos Archipelago
 region
 H = 21 31 55
 Resolute
 PS 22 00 50
 SS 22 07 03
 eL 22 17 -
 G 22 18 -

SEPTEMBER 15
 Resolute
 e 05 32 -
 e 05 38 -
 e 05 39 -

SEPTEMBER 15
 U.S.C.G.S.
 8 1/2N, 103 1/2W
 Pacific Ocean
 H = 05 36 18
 h = 100 km
 Ottawa
 eP 05 44 18
 Resolute
 eS 05 55 51
 SSS 06 03 24
 P'P' 06 14 32
 P'P 06 15 46

Shawinigan Falls
 iP 05 44 37 d
 SEPTEMBER 15
 47°42'N, 124°36'W
 Off coast of Washington
 H = 14 25 42
 Mag 2.6
 Alberni
 eP 13 25 58.0
 iS 13 26 14
 D = 172 km
 Horseshoe Bay
 eP 14 26 02.3
 iP 14 26 04.2
 iS 14 27 23.5
 iS 14 27 28.1
 D = 198 km or 206 km
 Victoria
 iP 14 25 50.4
 iS 14 25 57.1
 iS 14 26 05.6
 D = 124 km

SEPTEMBER 15
 U.S.C.G.S.
 33S, 179W
 Kermadec Islands region
 H = 16 48 10
 Ottawa
 eP' 17 07 05

SEPTEMBER 15
 U.S.C.G.S.
 52N, 156 1/2E
 Near west coast of
 Kamchatka
 H = 19 01 38
 Ottawa
 iP 19 13 07
 Shawinigan Falls
 eP 19 13 07

SEPTEMBER 15
 U.S.C.G.S.
 2 1/2N, 120 1/2E
 Celebes Sea
 H = 19 45 40
 h = 600 km
 Mag 6 - 6 1/4
 Alberni
 eP 19 58 45
 ePP 20 03 00
 Halifax
 iP' 20 03 52 d
 ipP' 20 06 18 c
 iPKS 20 07 05
 pPP 20 08 39
 SKS 20 10.8
 PPS 20 18.7
 Horseshoe Bay
 eP 19 58 47
 ePP 20 02 57
 eS 20 08 24
 ePS 20 11 21
 ePPS 20 12 43
 Ottawa
 eP' 20 03 32
 i 20 03 46
 PP 20 05 25
 iSKP 20 06 06
 PKS 20 07 12
 SKS 20 09 25
 SKKS 20 10 50
 e 20 13 45
 PS 20 15 46
 sPS 20 18 20
 SS 20 22 06
 SSS 20 26 34
 Seven Falls
 eP' 20 03 36
 i 20 03 45
 PP 20 05 22
 SKP 20 06 05
 PKS 20 07 07
 sPS 20 18 53
 SS 20 22 04
 sSS 20 25 49
 SSS 20 26 54

SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls
 eP' 20 03 19
 i 20 03 45
 PP 20 05 23
 SKP 20 06 05
 PKS 20 07 11
 pPP 20 07 46
 PPP 20 08 46
 PS 20 15 48
 Victoria
 eP 19 58 48 d
 e 20 02 58
 e 20 05 10
 e 20 06 19
 iS 20 11 26

SEPTEMBER 16
 Alberni
 eP 01 35 15.0
 D = 243 km
 Horseshoe Bay
 iP 01 35 02.4
 iS 01 35 20.5
 D = 148 km
 Victoria
 eP 01 34 51.5
 eS 01 35 02.0
 D = 80 km

SEPTEMBER 16
 U.S.C.G.S.
 61N, 136 1/2E
 Eastern Siberia
 H = 03 52 52
 Alberni
 eP 04 02 08
 Horseshoe Bay
 eP 04 02 09
 Ottawa
 eP 04 04 12
 Resolute
 eP 04 00 33
 Victoria
 eP 04 02 15

SEPTEMBER 16
 U.S.C.G.S.
 22S, 175W
 Tonga Islands
 H = 12 45 23
 Resolute
 eL 13 37 -
 SEPTEMBER 16
 U.S.C.G.S.
 34 1/2N, 59 1/2E
 Eastern Iran
 H = 14 22 30
 Resolute
 e 14 41 -
 e 14 50 -

SEPTEMBER 16
 Resolute
 e 23 08 36
 e 23 09 05

SEPTEMBER 17
 Resolute
 e 00 32 08
 e 00 33 06

SEPTEMBER 17
 U.S.C.G.S.
 48 1/2N, 155E
 Kurile Islands
 H = 12 23 50
 Ottawa
 iP 12 35 44 d
 Resolute
 eS 12 39 28
 eL 12 45 -
 Shawinigan Falls
 iP 12 35 45 d

SEPTEMBER 18
 U.S.C.G.S.
 1/2N, 30W
 Mid-Atlantic Ocean
 H = 14 41 40
 Ottawa
 eP 14 51 50
 Resolute
 iP 14 54 21
 eS 15 04 25
 SS 15 09 31
 L 15 16.0
 Shawinigan Falls
 eP 14 51 45

SEPTEMBER 18
 Resolute
 iP 21 04 11
 e 21 04 30
 e 21 12 47
 e 21 20 -

SEPTEMBER 18
 U.S.C.G.S.
 9 1/2S, 80W
 Off coast of Peru
 H = 21 24 42
 Ottawa
 eP 21 34 12 c
 Resolute
 SS 21 54 08
 Seven Falls
 iP 21 34 28 d
 Shawinigan Falls
 eP 21 34 22

SEPTEMBER 19
 47.9°N, 122.7°W
 North end of Puget
 Sound
 H = 02 18 36
 Mag 3, 1
 Alberni
 eP 02 19 10.0
 eS 02 19 36
 D = 232 km

DOMINION OBSERVATORIES

Horseshoe Bay iP 02 19 02.1 iS 02 19 23.5 D = 178 km Victoria iP 02 18 49.4 iS 02 19 01.0 D = 95 km	SEPTEMBER 20 U.S. C. G. S. 6 1/2S, 154 1/2E Solmon Islands H = 17 09 24 Alberni eL 17 50.7 Halifax iP' 17 28 35 c ePKS 17 31 54 ePPS 17 42 40 eL 18 06.6 Horseshoe Bay eL 17 53.0 Ottawa iP' 17 28 21 c i 17 29 10 PP 17 30 10 Seven Falls iP' 17 28 25 c SKKS 17 37 04 Shawinigan Falls eP' 17 28 20 c PP 17 30 11 Victoria eL 17 50.2	eS 06 03 40 SS 06 07 42 L 06 09.5 Shawinigan Falls eP 05 58 12 d
SEPTEMBER 19 Ottawa iP 23 19 11 d Seven Falls eP 23 19 21	Ottawa iP' 17 28 21 c i 17 29 10 PP 17 30 10 Seven Falls iP' 17 28 25 c SKKS 17 37 04 Shawinigan Falls eP' 17 28 20 c PP 17 30 11 Victoria eL 17 50.2	SEPTEMBER 21 West of Alberni Mag 2.3 Alberni eP 06 48 12.3 Horseshoe Bay eP 06 48 33.7
SEPTEMBER 20 U.S. C. G. S. 20 1/2N, 105E North Vietnam H = 05 17 23 Resolute eS 05 40 32 eL 05 56	U.S. C. G. S. 15S, 174W Samoa Islands region H = 13 29 03 h = 150 km Resolute SKS 13 53 18 S 13 54 16 SPP 13 56 44 sSS 14 02 12	SEPTEMBER 21 U.S. C. G. S. 15S, 174W Samoa Islands region H = 13 29 03 h = 150 km Resolute SKS 13 53 18 S 13 54 16 SPP 13 56 44 sSS 14 02 12
SEPTEMBER 20 U.S. C. G. S. 15 1/2N, 46W Atlantic Ocean H = 10 34 00 Halifax eSS 10 47.9 Ottawa eP 10 41 28 c Resolute eS 10 53 25 eL 11 00 25 Seven Falls eP 10 41 18 Shawinigan Falls iP 10 41 19 c	SEPTEMBER 20 U.S. C. G. S. About 400 miles south of Fiji Islands H = 17 18 43 Ottawa eP' 17 37 28 e 17 38 21 Resolute i 17 45 10 (c) Seven Falls eP' 17 37 32	SEPTEMBER 21 Resolute iP 22 38 30 (d) i 22 41 39 e 22 42 29
SEPTEMBER 20 Resolute e 12 35 12	SEPTEMBER 21 U.S. C. G. S. 38N, 142E Honshu, Japan H = 05 45 10 Ottawa eP 05 58 13 d Resolute iP 05 55 28 c	SEPTEMBER 21 Resolute e 23 12 28 e 23 15 e 23 16 38 e 23 18 00
	SEPTEMBER 22 Resolute e 06 16 04 e 06 18 40 e 06 21 27	SEPTEMBER 22 Resolute e 06 16 04 e 06 18 40 e 06 21 27



SEISMOLOGICAL BULLETIN - 1958

SEPTEMBER 22 U.S. C. G. S. 6S, 110E Off north coast of Java H = 07 00 14 h = 600 km Shawinigan Falls eP' 07 18 43	Halifax iP' 19 24 54 c i 19 25 06 c ePP 19 27 02 i 19 28 14 iPKS 19 28 27 ePS 19 37 02 ePPS 19 38 46 eSS 19 43 52 eL 20 07.7	SEPTEMBER 22 Canadian Arctic H = 20 08 07 Mag 2.0 Resolute iP ₁ 20 08 26 iS ₁ 20 08 45 D = 156 km
SEPTEMBER 22 U.S. C. G. S. 27 1/2N, 140 E Bonin Islands H = 08 37 27 h = 500 km Alberni eP 08 48 14 (d) Horseshoe Bay eP 08 48 19 Resolute iP 08 48 08 c G 09 05.8 Victoria eP 08 48 20 d	Horseshoe Bay eP 19 19 12 Ottawa eP' 19 24 36 c i 19 24 49 PP 19 26 08 SKS 19 31 35 SKKS 19 33 02 PKKP 19 34 42 PS 19 35 40 PPS 19 37 40 SS 19 42 44 Resolute iP 19 24 36 d PP 19 26 04 SKS 19 31 24 SKKS 19 32 55 S 19 34 00 PS 19 36 00 SS 19 42 20 Seven Falls eP' 19 24 44 c i 19 24 57 PP 19 26 32 PKS 19 27 59 PPP 19 28 46 SKS 19 31 46 SKKS 19 33 12 PKKP 19 34 27 PS 19 36 23 SS 19 43 43 G 19 53 22 Shawinigan Falls eP' 19 24 41 i 19 24 53 PKKP 19 34 33 Victoria eP 19 19 09	SEPTEMBER 22 U.S. C. G. S. 42N, 142E Hokkaido Japan H = 20 08 40 Ottawa eP 20 21 24 Resolute iP 20 18 32 (c)
SEPTEMBER 22 U.S. C. G. S. 1 1/2S, 77W Ecuador H = 11 32 54 h = 200 km Ottawa eP 11 41 08 Seven Falls eP 11 41 24 Shawinigan Falls eP 11 41 19	Resolute iP 19 24 36 d PP 19 26 04 SKS 19 31 24 SKKS 19 32 55 S 19 34 00 PS 19 36 00 SS 19 42 20 Seven Falls eP' 19 24 44 c i 19 24 57 PP 19 26 32 PKS 19 27 59 PPP 19 28 46 SKS 19 31 46 SKKS 19 33 12 PKKP 19 34 27 PS 19 36 23 SS 19 43 43 G 19 53 22 Shawinigan Falls eP' 19 24 41 i 19 24 53 PKKP 19 34 33 Victoria eP 19 19 09	SEPTEMBER 22 U.S. C. G. S. 16 1/2S, 168 1/2E New Hebrides Islands H = 22 51 44 Resolute eL 23 40 25
SEPTEMBER 22 U.S. C. G. S. 33 1/2S, 177 1/2W Kermadec Islands region H = 19 05 44 Mag 6 3/4	Resolute iP 19 24 36 d PP 19 26 04 SKS 19 31 24 SKKS 19 32 55 S 19 34 00 PS 19 36 00 SS 19 42 20 Seven Falls eP' 19 24 44 c i 19 24 57 PP 19 26 32 PKS 19 27 59 PPP 19 28 46 SKS 19 31 46 SKKS 19 33 12 PKKP 19 34 27 PS 19 36 23 SS 19 43 43 G 19 53 22 Shawinigan Falls eP' 19 24 41 i 19 24 53 PKKP 19 34 33 Victoria eP 19 19 09	SEPTEMBER U.S. C. G. S. 40 1/2N, 125 1/2W Northern California H = 03 50 06 Mag 5 - 5 1/4 Ottawa eP 03 57 14 Resolute iP 03 57 23 d e 04 06 28
	Shawinigan Falls eP' 19 24 41 i 19 24 53 PKKP 19 34 33 Victoria eP 19 19 09	SEPTEMBER 24 U.S. C. G. S. 59 1/4N, 143 1/2W Gulf of Alaska H = 03 44 14 Mag 6 1/4

DOMINION OBSERVATORIES

Alberni	SEPTEMBER 24	Ottawa
eP 03 47 51	U. S. C. G. S.	eP 07 28 46
eS 03 51 02	Central Chile	i 07 29 11
Halifax	H = 13 53 05	P _c P 07 30 13
eP 03 52 55	Ottawa	S 07 35 54
eS 03 59 48	eP 14 05 10	SS 07 39 20
ePPS 04 00 10	Shawinigan Falls	G 07 39 52
eSS 04 03 42	eP 14 05 15	L 07 40.3
eL 04 05.7		Resolute
Horseshoe Bay	SEPTEMBER 24	iP 07 31 36
eP 03 47 55	Canadian Arctic	iS 07 41 06
i 03 48 15	H = 15 34 40.3	SS 07 45 38
e 03 50 28	Mag 2.0	SSS 07 49 04
Ottawa	Resolute	Saskatoon
eP 03 52 06	iP ₁ 15 35 02	eP 07 31 20
PP 03 53 44	iS ₁ 15 35 18.5	eS 07 40 21
e 03 54 08	D = 135 km	Seven Falls
S 03 58 38		eP 07 28 35
e 03 59 11	SEPTEMBER 25	i 07 28 44
SS 04 01 30	U. S. C. G. S.	e 07 29 17
S _c S 04 02 18	36 1/2N, 70E	e 07 29 35
L 04 03.4	Hindu Kush	PPP 07 31 09
e 04 05 16	H = 06 54 00	S 07 35 26
Resolute	h = 200 km	PS 07 35 38
iP 03 49 28 (c)	Resolute	e 07 36 15
i 03 49 56	iP 07 04 45 (d)	i 07 37 14
S 03 53 40		S _c S 07 38 23
L 03 54.3		SS 07 39 09
Saskatoon		SSS 07 40 04
eP 03 49 21 (d)	SEPTEMBER 25	Shawinigan Falls
eS 03 53 33	U. S. C. G. S.	eP 07 28 39
Seven Falls	9N, 39 1/2W	i 07 29 04
eP 03 52 18	Atlantic Ocean	P _c P 07 30 01
i 03 52 43	H = 07 20 01	PP 07 30 31
PP 03 54 02	Mag 6 1/2	PPP 07 31 17
P _c P 03 54 14	Alberni	e 07 31 36
e 03 54 28	eP 07 32 20	S 07 35 21
S 03 58 43	Halifax	Victoria
e 04 00 03	eP 07 27 57 c	eP 07 32 12
e 04 01 10	iP 07 27 59 d	
S _c S 04 02 14	iPP 07 29 33 c	SEPTEMBER 25
L 04 03.9	e 07 32 37	U. S. C. G. S.
e 04 05 28	iS 07 34 11	19 1/2N, 66W
Shawinigan Falls	i 07 34 25	Off north coast of
eP 03 52 09	iSS 07 37 29	Puerto Rico
e 03 54 09	Horseshoe Bay	H = 07 55 25
Victoria	eP 07 32 12	Ottawa
eP 03 48 00		eP 08 01 15
i 03 48 19 c		i 08 02 08
e 03 50 11		e 08 06 18
eS 03 50 36		

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SEPTEMBER 25	SEPTEMBER 27	SEPTEMBER 28
U. S. C. G. S.	Shawinigan Falls	Horseshoe Bay
36S, 98W	iP 05 59 30	eP 07 37 59 c
Pacific Ocean		
H = 20 24 44		
Ottawa	SEPTEMBER 27	SEPTEMBER 29
eP 20 37 17	U. S. C. G. S.	U. S. C. G. S.
Resolute	9S, 106E	16 1/2S, 173W
eS 20 51 36	Off south coast of	Tonga Islands region
SS 20 59 28	Java,	H = 00 03 46
G 21 10.5	H = 07 36 07	Resolute
Seven Falls	Ottawa	eL 00 45 -
eP 20 37 31	eP' 07 55 40 d	
Shawinigan Falls	Resolute	SEPTEMBER 29
eP 20 37 26	SKS 08 01 30	48°23'N, 69°16'W
	PS 08 05 16	In the St. Lawrence
	SS 08 11 28	River about 20 miles
SEPTEMBER 25	Seven Falls	north of Trois Pistoles,
Ottawa	eP' 07 55 42	Quebec
eP 22 46 12	Shawinigan Falls	H = 10 45 29
	eP' 07 55 41	Mag 3.8
SEPTEMBER 25		Montreal
Resolute	SEPTEMBER 27	iS ₁ 10 47 38.5
e 23 39 -	U. S. C. G. S.	D = 462 km
e 23 47 -	37N, 141 1/2E	Ottawa
e 00 05 30	Near coast of Honshu	iS ₁ 10 48 15
e 00 08 -	Japan	D = 594 km
	H = 12 37 07	Seven Falls
	Resolute	eP ₁ 10 45 58.8
SEPTEMBER 26	iP 12 47 33	iS ₁ 10 46 21.3
U. S. C. G. S.	eS 12 55 56	D = 184 km
50 1/2N, 175W	eL 13 20.3	Shawinigan Falls
Andreanof Islands,		eS ₁ 10 47 06
Aleutian Islands		D = 335 km
H = 18 10 28	SEPTEMBER 27	
Ottawa	U. S. C. G. S.	SEPTEMBER 29
eP 18 20 50 d	15S, 174W	U. S. C. G. S.
Resolute	Samoa Islands region	39 1/2N, 143 1/2E
PP 18 19 35	H = 13 55 02	Off northeast coast of
eS 18 24 13	h = 150 km	Honshu, Japan
L 18 28.5	Resolute	H = 14 17 11
Seven Falls	eS 14 20 14	Resolute
eP 18 21 00		iP 14 27 16
Shawinigan Falls		eS 14 35 31
eP 18 20 52		S _c S 14 37 16
		L 14 22 -

DOMINION OBSERVATORIES

SEPTEMBER 29

U. S. C. G. S.
39N, 143E
Honshu-aftershock
H = 15 15 44
Resolute
eP 15 25 51
eL 15 44 -

SEPTEMBER 30

45°11'N, 73°44'W
About ten miles
south east of Beauharnois,
Quebec
Felt at Montreal and
north to Ste-Julienne, Que.
H = 00 13 58.4
h = 20.5 km
Mag 3.7
Montreal
iP₁ 00 14 05.0
iS₁ 00 14 10.0
D = 35 km
Ottawa
iP_n 00 14 23.0
iP₁ 00 14 24.5
iS_n 00 14 41.7
iS₁ 00 14 44
D = 158 km
Seven Falls
eP_n 00 14 44.1 ?
eP₁ 00 14 51 ?
iS_n 00 15 18 ?
iS₁ 00 15 26 ?
D = 310 km
Shawinigan Falls
iP_n 00 14 25.2
eP₁ 00 14 27.1
iS_n 00 14 45.7
eS₁ 00 14 47.9
D = 169 km

SEPTEMBER 30

U. S. C. G. S.
3 1/2N, 128E
Molucca Passage
H = 07 08 37
Resolute
eP 07 22 16 c
e(P) 07 22 28
eS 07 33 44
PS 07 34 40
SS 07 40 30
G 07 49 -

SEPTEMBER 30

Resolute
iP 08 53 37 d

SEPTEMBER 30

U. S. C. G. S.
3N, 128E
Molucca Passage
H = 09 18 10
Resolute
e(P) 09 32 03

SEISMOLOGICAL BULLETIN - 1958

EARTHQUAKES IN EASTERN CANADA
AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin. Contrary to general policy some quarry blasts are included herein. This occurs because the pertinent sections of the text were already in press when the source was definitely identified.

JULY 9 at 20 22 16 U. T. Magnitude 2.8 Epicentre at 45°45'N; 71°48'W. Blast at an asbestos mine in the province of Quebec.

JULY 13 at 21 32 48 U. T. Magnitude 2.4 Epicentre at 46°10'N; 76°23'W. About ten miles north of Lake Dumont, Quebec.

JULY 18 at 23 56 27 U. T. Magnitude 3.2 Epicentre at 46°42'N; 71°24'W. In the St. Lawrence River about 15 miles above Quebec City, Quebec.

JULY 22 at 01 46 40.2 U. T. Magnitude 4.3 Epicentre at 43°00'N; 79°30'W. About 15 miles west of Welland, Ontario.

JULY 24 at 19 22 40 U. T. Magnitude 2.8 Epicentre at 44°49'N; 72°29'W. In northern Vermont about ten miles southeast of Richmond Vt. This could be a blast from a mining operation.

JULY 25 at 03 45 11 U. T. Magnitude 3.8 Epicentre at 46°34'N; 75°48'W. In the Gatineau River Valley about 15 miles north of Maniwaki, Que.

JULY 27 at 08 58 00 U. T. Magnitude 3.0 Epicentre at 47°19'N; 70°18'W. In the Saint Lawrence River south of Ile aux Coudres, Que.

AUGUST 4 at 20 25 58 U. T. Magnitude 3.9 Epicentre at 43°08'N; 80°00'W. Near Caledonia, Ontario.

AUGUST 8 at 22 15 03 U. T. Magnitude 4.0 Epicentre at 47°56'N; 70°23'W. In an uninhabited region about 30 miles up Riviere Malbaie, Que.

AUGUST 12 at 03 22 12 U. T. Magnitude 3.9 Epicentre at 48°36'N; 69°23'W. About ten miles northwest of Sault-au-Mouton, Que.

AUGUST 17 at 19 08 05 U. T. Magnitude 3.7 Epicentre at 48°31'N; 81°40'W. About 20 miles southeast of Iroquois Falls, Ont. There is an asbestos mine near this position.

DOMINION OBSERVATORIES

AUGUST 22 at 14 25 05 U. T. Magnitude 3.6 Epicentre at 43°00'N; 79°00'W. On the Niagara Peninsula, Ontario.

SEPTEMBER 11 at 17 34 44 U. T. Magnitude 3.5 Epicentre at 48°32'N; 69°44'W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 11 at 17 41 17 U. T. Magnitude 3.5 Epicentre at 48°32'N; 69°44'W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 11 at 17 49 56 U. T. Magnitude 3.9 Epicentre at 48°32'N; 69°44'W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 14 at 13 22 55 U. T. Magnitude 2.1 Centred about 98.5 km from Ottawa, Ontario.

SEPTEMBER 29 at 10 45 29 U. T. Magnitude 3.8 Epicentre at 48°23'N; 69°16'W. In the St. Lawrence River about 20 miles north of Trois Pistoles, Que.

SEPTEMBER 30 at 00 13 58 U. T. Magnitude 3.7 Epicentre at 45°11'N; 73°44'W. The Focus had a depth of about 20 km. About ten miles southeast of Beauharnois, Que. This shock is significant in that it indicates seismic activity within about 25 miles of Montreal, Que.

SEISMOLOGICAL BULLETIN - 1958

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin.

JULY 4 at 04 19 29 U. T. Magnitude 2.9 Originated 400 km from Resolute, N. W. T.

JULY 15 at 02 38 04 U. T. Magnitude 2.7 Originated 300 km from Resolute, N. W. T.

JULY 26 at 03 08 31 U. T. Magnitude 2.0 Originated 87 km from Resolute, N. W. T.

JULY 28 at 03 11 46 U. T. Magnitude 2.0 Originated 88 km from Resolute, N. W. T.

AUGUST 7 at 02 20 50 U. T. Magnitude 3.8 Originated 430 km from Resolute, N. W. T.

AUGUST 10 at 02 14 20 U. T. Magnitude 1.8 Originated 61 km from Resolute, N. W. T.

AUGUST 29 at 12 57 16 U. T. Magnitude 2.8 Originated 420 km from Resolute, N. W. T.

SEPTEMBER 4 at 14 28 02 U. T. Magnitude 0.6 Originated 12.3 km from Resolute, N. W. T.

SEPTEMBER 22 at 20 08 07 U. T. Magnitude 2.0 Originated 156 km from Resolute, N. W. T.

SEPTEMBER 24 at 15 34 40.3 U. T. Magnitude 2.0 Originated 135 km from Resolute, N. W. T.

DOMINION OBSERVATORIES

EARTHQUAKES IN WESTERN CANADA
AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin.

JULY 3 at 11 11 25 U. T. Magnitude 2.1 Epicentre at 48°47'N;
122°09'W. West of Mount Baker.

JULY 3 at 20 10 45 U. T. Magnitude 2.4 Epicentre at 48°13'N;
123°34'W. South of Victoria.

JULY 4 at 05 56 51 U. T. Magnitude 2.8 Epicentre at 48°06'N;
122°05'W. Northeast of Everett, Washington; felt in Vancouver.

JULY 9 at 17 32 46 U. T. Magnitude 2.4 Epicentre at 48°42'N;
122°17'W. Western Gulf Islands.

JULY 10 at 04 23 20 U. T. Magnitude 3.0 Epicentre at 48.8°N;
122.4°W. Northeast of Bellingham, Washington.

JULY 10 at 14 51 34 U. T. Magnitude 2.4 Epicentre at 48°13'N;
122°33'W. Southeast of Whidbey Island, Washington.

JULY 10 at 19 04 18 U. T. Magnitude 3.0 Epicentre at 47°33'N;
125°52'W. Off coast of Washington.

JULY 10 at 20 06 10 U. T. Magnitude 2.8 Epicentre at 48°52'N;
122°12'W. West of Mount Baker.

JULY 12 at 18 02 59 Magnitude 2.5 Eastern British Columbia.

JULY 13 at 01 41 52 Magnitude 3.1 Epicentre at 47.8°N; 122.3°W.
Puget Sound, Washington.

JULY 21 at 05 51 35 Magnitude 2.3 Epicentre at 48.8°N; 122.3°W.
Northeast of Bellingham Washington.

JULY 29 at 21 14 17 Magnitude 2.0 Epicentre at 48°43'N; 123°13'W.
Gulf Islands.

JULY 31 at 07 22 11 Magnitude 2.5 Epicentre at 48.6°N; 123.1°W.
Gulf Islands.

AUGUST 1 at 21 04 23 Magnitude 2.4 Epicentre at 48° 16'N, 124°
58'W. Off coast of Washington, U.S.A.

SEISMOLOGICAL BULLETIN - 1958

AUGUST 6 at 00 07 07 Magnitude 1.7 Epicentre at 48°41'N, 124°41'W.
Southwest of Vancouver Island.

AUGUST 6 at 04 24 37 and 04 24 41 Magnitude 3.3 Epicentre at
49.5°N; 127.7°W. North of Estevan Point.

AUGUST 8 at 18 04 05 Magnitude 2.7 Epicentre at 48°17'N; 123°
45'W. Strait of Juan de Fuca.

AUGUST 14 at 21 21 42 Magnitude 1.9 Epicentre at 48°33'N; 123°
19'W. Gulf Islands.

AUGUST 23 at 05 26 48 Magnitude 2.4 Epicentre at 48°41'N, 123°
01'W. Gulf Islands.

AUGUST 31 at 06 02 01 Magnitude 3.7. Off coast of Oregon.

AUGUST 31 at 17 33 56 Magnitude 1.6 Epicentre at 48.4°N; 123.6°W.
Strait of Juan de Fuca.

SEPTEMBER 5 at 23 28 46 Magnitude 1.9 20 miles from Banff.

SEPTEMBER 11 at 00 35 51 Magnitude 2.5 Epicentre at 48°54'N;
122°09'W. Northwest of Mount Baker.

SEPTEMBER 15 at 14 25 31 Magnitude 2.6 Epicentre at 47°42'N.
124°36'W. Off coast of Washington.

SEPTEMBER 16 at 01 34 35 Magnitude 2.6. North end of Puget Sound.

SEPTEMBER 19 at 02 18 36 Magnitude 3.1 Epicentre at 47.9°N;
122.7°W. North end of Puget Sound.

SEPTEMBER 21 at 06 48 Magnitude 3. West of Alberni.

DOMINION OBSERVATORIES

I. G. Y. MICROSEISMIC BULLETIN

JULY - SEPT - 1958

NOTES

Four stations only have been read,

An Atlantic station - Halifax,
An inland station - Ottawa,
An Arctic station - Resolute, and
A Pacific station - Victoria.

The following instruments are used:

Halifax - Willmore Z $T_S = 1$ sec. $T_g = 2.0$ sec.
Ottawa - Benioff Z $T_S = 1$ sec. $T_g = 75$ sec.
*Resolute - Columbia Z $T_S = 10.2$ sec. $T_g = 20$ sec.
Victoria - Benioff Z $T_S = 1$ sec. $T_g = 75$ sec.

* Resolute Columbia Z was altered and recalibrated.

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	K	A	T	K	A	T	K	A	T		
														R
July 1	0	1	0.2	2.5	3	0.2	4.0	...	...	3	0.6	5.0	Resolute - Seismic Resolute - Seismic
	6	1	0.2	2.5	3	0.2	4.0	...	...	3	0.5	4.8	
	12	1	0.2	2.0	3	0.3	4.0	1	0.5	4.9	3	0.4		4.8
2	18	1	0.2	3.0	3	0.3	4.0	1	0.9	4.7	3	0.5	4.8	3
	0	1	0.2	3.0	3	0.3	4.0	1	0.8	5.3	3	0.4	4.8	
	6	1	0.2	3.0	3	0.3	4.0	1	0.3	4.6	3	0.3	4.2	
3	12	1	0.1	2.0	3	0.3	4.0	1	0.5	4.7	3	0.2	4.2	3
	18	1	0.2	2.5	3	0.3	4.0	1	0.4	4.7	3	0.2	4.2	
	0	1	0.2	2.5	3	0.3	4.0	1	0.3	5.2	3	0.2	4.0	
4	6	1	0.3	3.0	3	0.3	4.0	1	0.3	4.6	0,0	0.3	4.5	0,0
	12	1	0.2	2.7	3	0.3	4.0	1	0.5	4.5	3	0.3	4.5	
	18	1	0.3	3.5	3	0.3	4.0	1	0.4	4.3	3	0.3	4.2	
5	0	1	0.3	3.5	3	0.3	4.0	1	0.3	4.5	...	...	...
	6	1	0.3	3.5	3	0.3	4.0	1	0.3	4.6	0,0	0.3		4.0
	12	1	0.3	3.5	3	0.3	4.0	1	0.2	4.4	3	0.3		4.0
6	18	1	0.2	2.5	3	0.3	4.0	1	0.2	3.8	3	0.4	4.2	3
	0	1	0.4	4.0	3	0.3	4.0	1	0.2	4.1	3	0.4	4.5	
	6	1	0.4	4.0	3	0.5	4.0	1	0.3	5.1	3	0.4	4.0	
7	12	1	0.2	3.5	3	0.7	5.0	1	0.3	5.9	3	0.5	4.5	3
	18	1	0.8	5.0	3	0.7	5.0	1	0.4	5.5	3	0.5	4.5	
	0	1	0.2	3.0	3	0.6	5.0	1	0.3	5.3	3	0.5	4.5	
8	6	1	0.2	3.0	3	0.5	4.0	1	0.3	5.0	3	0.4	4.5	3
	12	1	0.4	4.0	3	0.5	4.0	1	0.1	5.4	3	0.5	4.5	
	18	1	0.2	3.5	...	...	...	1	0.1	4.9	3	0.5	4.5
9	0	1	0.4	4.0	3	0.5	4.0	...	0.2	5.2	3	0.6	4.5	3
	6	1	0.4	4.0	...	...	...	1	0.2	...	3	0.6	4.5
	12	1	0.4	4.0	...	...	...	1	0.2	...	3	0.6	4.5



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H	O	U	K	A	T	K	A	T	K	A	T		
														R
July 7	12	1	0.2	3.5	...	0.2	4.0	1	0.1	5.2	3	0.6	4.5	Resolute - seismic
	18	1	0.2	3.5	3	0.2	4.0	...	0.1	4.5	3	0.6	4.5	
	0	0,0	0.2	3.0	3	0.2	4.0	1	0.1	4.4	3	0.6	4.8	
8	6	0,0	0.2	3.5	3	0.2	4.0	1	0.1	3.9	3	0.5	5.0	3
	12	1	0.2	3.0	3	0.2	4.0	...	0.1	...	3	0.5	5.0	
	18	0,0	0.2	3.0	3	0.2	4.0	...	0.1	4.3	3	0.5	5.0	
9	0	0,0	0.1	2.7	3	0.1	2.9	1	0.1	4.8	0,0	0.4	4.8	0,0
	6	0,0	0.1	2.9	3	0.1	3.0	1	0.1	4.8	0,0	0.4	4.8	
	12	3	0.2	2.5	3	0.2	3.0	3	0.1	...	0,0	0.4	4.8	
10	18	1	0.3	3.0	3	0.2	3.0	...	0.1	...	0,0	0.4	4.8	0,0
	0	1	0.2	3.0	3	0.2	3.0	...	0.1	...	0,0	0.4	4.8	
	6	0,0	0.2	3.0	3	0.2	3.0	...	0.1	...	0,0	0.4	4.8	
11	12	1	0.2	3.0	3	0.2	3.0	...	0.1	0.4	4.8	0,0
	18	1	0.2	2.8	3	0.2	3.0	...	0.1	...	...	0.4	4.8
	0	1	0.1	3.0	3	0.1	3.0	...	0.1	...	3	0.5	4.8	
12	6	0,0	0.1	3.0	3	0.1	3.0	...	0.1	...	0,0	0.5	4.0	0,0
	12	0,0	0.1	3.0	3	0.1	3.0	...	0.1	...	0,0	0.5	4.0	
	18	0,0	0.1	3.0	3	0.1	3.0	...	0.1	...	0,0	0.5	4.0	
13	0	1	0.2	2.5	3	0.1	3.0	...	0.1	...	3	0.3	4.0	2
	6	1	0.2	2.7	3	0.1	3.0	...	0.1	...	2	0.6	4.2	
	12	0,0	0.2	2.5	3	0.1	3.0	...	0.1	...	2	0.6	4.2	
14	18	3	0.2	3.0	3	0.1	3.0	...	0.1	...	2	0.7	4.5	2
	0	3	0.2	3.0	3	0.1	3.0	...	0.1	...	2	0.6	4.2	
	6	3	0.2	3.0	3	0.1	3.0	...	0.1	...	3	0.5	4.0	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		0,0	0.1	3.0		0.1	3.0		0.2	3.0		0.2		3.0	0.3	4.2
July 14	6	1	0.2	3.0	3	0.1	3.0	...	0.2	6.1	3	0.3	4.2	International day Resolute - seismic
	12	1	0.2	3.0	3	0.2	3.2	1	0.2	5.4	3	0.3	4.2	
	18	1	0.2	3.0	3	0.2	3.2	1	0.2	5.6	3	0.3	4.0	
15	0	1	0.1	3.0	3	0.2	3.2	1	0.2	5.8	3	0.2	4.0	Resolute - seismic
	6	1	0.2	3.5	3	0.2	3.2	1	0.2	5.6	3	0.2	4.0	
	12	1	0.1	3.0	3	0.2	3.2	1	0.3	4.7	3	0.4	4.0	
16	0	1	0.1	3.0	3	0.2	3.0	1	0.4	4.5	3	0.3	4.0	Resolute - seismic
	1	1	0.1	3.0	3	0.2	4.0	...	0.4	4.7	3	0.4	4.5	
	2	1	0.2	3.0	3	0.2	4.0	1	0.4	4.8	3	0.3	4.5	
3	0,0				3	0.2	4.0	1	0.4	4.8	3	0.3	4.5	Resolute - seismic
4	0,0				3	0.2	4.0	1	0.4	4.8	3	0.3	4.5	
5	0,0				3	0.2	4.0	1	0.4	4.4	3	0.4	4.5	
6	0,0				3	0.2	4.0	1	0.3	4.8	3	0.3	4.5	Resolute - seismic
7	0,0				3	0.2	4.0	1	0.4	4.6	3	0.3	4.5	
8	0,0				3	0.2	4.0	1	0.5	4.5	3	0.3	4.5	
9	0,0				3	0.2	4.0	1	0.4	4.9	3	0.4	4.5	Resolute - seismic
10	0,0				3	0.2	4.0	1	0.4	4.7	3	0.5	4.5	
11	0,0				3	0.2	4.0	1	0.4	4.6	3	0.4	4.2	
12	0,0				3	0.2	4.0	1	0.4	5.0	3	0.5	4.5	Resolute - paper off
13	0,0				3	0.2	4.0	1	0.4	5.2	3	0.3	4.5	
14	0,0				3	0.2	4.0	...	0.4	5.2	3	0.3	4.5	
15	0,0				3	0.2	4.0	...	0.4	5.2	3	0.3	4.5	Resolute - paper off
16	0,0				3	0.2	4.0	1	0.4	5.2	3	0.4	4.2	
17	...				3	0.2	4.0	...	0.4	5.2	3	0.3	4.2	
18	0,0				3	0.2	4.0	...	0.4	5.5	3	0.3	4.0	Victoria - no record
19	0,0				3	0.2	4.0	1	0.4	5.5	3	0.3	4.0	



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		0,0	0.1	3.0		0.1	3.0		0.2	3.0		0.2		3.0
July 16	20	3	0.1	3.0	3	0.2	4.0	1	0.4	5.2	3	0.4	4.0	International day
	21	3	0.1	2.7	3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	
	22	3	0.1	3.0	3	0.2	4.0	1	0.4	5.5	3	0.3	4.0	
17	0	0,0			3	0.2	4.0	1	0.3	5.3	3	0.3	4.0	Resolute - seismic
	1	3	0.2	3.1	3	0.2	4.0	1	0.3	5.6	3	0.3	4.0	
	2	0,0			3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	
3	0,0				3	0.2	4.0	1	0.3	5.2	3	0.4	4.0	Resolute - seismic
4	0,0				3	0.2	4.0	1	0.3	5.2	3	0.2	4.0	
5	0,0				3	0.2	4.0	1	0.3	5.5	3	0.3	4.0	
6	0,0				3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	Resolute - seismic
7	0,0				3	0.2	4.0	...	0.3	5.2	3	0.3	4.0	
8	0,0				3	0.2	4.0	1	0.3	5.4	3	0.3	4.0	
9	0,0				3	0.2	4.0	1	0.3	4.9	3	0.3	4.0	Resolute, Victoria - seismic
10	0,0				3	0.2	4.0	1	0.3	5.1	3	0.3	4.0	
11	0,0				3	0.2	4.0	1	0.3	5.1	3	0.3	4.0	
12	0,0				3	0.2	4.0	1	0.3	4.9	3	0.2	4.0	Resolute - seismic
13	0,0				3	0.2	4.0	1	0.3	4.9	3	0.3	4.0	
14	3	0.2	2.5	4.0	3	0.2	4.0	...	0.3	5.8	0,0	0.2	4.0	
15	3	0.2	2.5	4.0	3	0.2	4.0	...	0.3	5.1	3	0.2	4.0	Resolute - paper off
16	1	0.2	2.5	4.0	3	0.2	4.0	...	0.3	4.9	3	0.3	4.2	
17	...				3	0.2	4.0	1	0.3	5.8	...	0.2	4.0	
18	1	0.2	2.5	4.0	3	0.2	3.5	1	0.3	5.8	3	0.3	4.0	Victoria - seismic
19	1	0.4	3.0	3.5	3	0.2	3.5	1	0.3	6.2	3	0.3	4.0	
20	1	0.3	2.6	3.5	3	0.2	3.5	...	0.3	6.2	...	0.2	4.0	
21	1	0.4	3.0	3.5	3	0.2	3.5	...	0.3	6.2	...	0.2	4.0	Victoria - seismic
22	1	0.4	3.0	3.5	3	0.2	3.5	...	0.3	6.2	...	0.2	4.0	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
	H	O	U	K	A	T	K	A	T	K	A	T	
July 17	23	1	0.6	3.0	3	0.3	3.5	...	...	3	0.2	4.0	Resolute - seismic
	18	0	0.4	3.0	3	0.3	3.5	...	...	3	0.2	4.0	
19	6	1	0.4	3.0	3	0.3	4.0	1	0.3	3	0.3	4.5	Resolute - seismic
	12	1	0.4	3.2	3	0.6	4.0	1	0.3	3	0.4	4.0	
20	18	1	0.9	4.0	3	1.0	4.6	1	0.4	3	0.5	4.5	Resolute - seismic
	0	1	1.0	4.2	3	1.3	4.7	1	0.6	3	0.5	4.5	
21	6	1	1.2	4.5	3	1.2	4.8	3	1.0	3	0.5	4.5	Resolute - seismic
	12	1	1.7	5.0	3	1.4	5.0	3	1.0	3	0.6	4.5	
22	18	1	1.7	5.0	3	1.0	5.0	...	...	3	0.6	4.5	Resolute - seismic
	0	1	0.7	4.5	3	1.0	5.0	3	1.0	3	0.7	4.5	
23	6	1	0.1	2.0	3	0.9	5.0	3	0.9	3	0.7	5.0	Resolute - seismic
	12	1	0.3	2.6	3	0.9	5.0	3	0.8	3	0.8	5.5	
24	18	1	0.6	4.5	3	0.6	4.6	1	0.6	3	0.7	4.5	Resolute - seismic
	0	1	0.6	4.5	3	0.6	4.5	1	0.3	3	0.6	4.2	

I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
	H	O	U	K	A	T	K	A	T	K	A	T	
July 24	12	1	0.4	4.0	3	0.6	4.6	1	0.3	3	0.4	4.0	Halifax, Ottawa, Resolute, Victoria - seismic International day
	18	0,0	0.5	5.0	3	0.4	4.6	1	0.3	3	0.4	4.0	
25	6	3	0.2	2.5	3	0.4	4.6	1	0.2	3	0.4	4.0	Resolute - seismic
	12	3	0.2	2.5	3	0.3	4.6	1	0.2	3	0.3	4.0	
26	18	3	0.2	3.0	3	0.4	4.6	1	0.2	3	0.3	4.0	Resolute - seismic
	0	3	0.2	3.0	3	0.4	4.6	1	0.2	3	0.3	4.0	
27	6	3	0.2	3.0	3	0.3	4.0	1	0.1	3	0.3	4.0	Resolute - seismic
	12	1	0.3	2.5	3	0.3	4.0	1	0.1	3	0.4	4.2	
28	...	...	...	...	...	...	...	...	...	...	...	...	Resolute - seismic
	0	1	0.4	3.0	3	0.3	4.0	1	0.2	3	0.4	4.0	
29	1	1	0.4	3.0	3	0.3	4.0	1	0.2	3	0.4	4.0	Resolute - seismic
	2	1	0.4	3.0	3	0.3	4.0	1	0.2	3	0.4	4.0	
30	3	1	0.3	3.0	3	0.3	4.0	1	0.2	3	0.4	4.2	Resolute - seismic
	4	1	0.3	3.5	3	0.3	4.0	...	...	3	0.4	4.2	
31	5	1	0.4	3.5	3	0.3	4.0	1	0.2	3	0.3	4.2	Resolute - seismic
	6	1	0.4	3.3	3	0.3	4.0	1	0.2	3	0.2	4.2	
32	7	1	0.2	2.6	3	0.3	4.0	1	0.2	3	0.4	4.2	Resolute - seismic
	8	1	0.3	2.8	3	0.3	4.0	1	0.2	3	0.3	4.2	
33	9	1	0.3	3.0	3	0.3	4.0	1	0.2	3	0.3	4.2	Resolute - seismic
	10	1	0.3	3.2	3	0.3	4.0	1	0.2	3	0.3	4.5	
34	11	1	0.4	3.5	3	0.3	4.0	1	0.1	3	0.4	4.2	Resolute - seismic
	12	1	0.3	3.5	3	0.3	4.0	1	0.2	3	0.4	4.2	
35	13	1	0.3	3.5	3	0.3	4.0	1	0.2	3	0.3	4.2	Resolute - seismic
	14	1	0.2	3.0	3	0.3	4.0	1	0.2	3	0.4	4.2	
36	15	1	0.2	3.0	3	0.3	4.0	1	0.2	3	0.3	4.2	Resolute - seismic

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS				
	H	O	U	K	A	T	K	A	T	K	A	T					
														R			
July 27	16			1	0.2	3.0	3	0.3	3.6	...	0.2	5.9	3	0.4	4.2	Resolute - paper off	
	17	1			0.2	3.0	3	0.3	3.8	1	0.2	5.9	3	0.4	4.0		
	18	1			0.2	3.0	3	0.3	3.8	1	0.2	6.1	3	0.4	4.2		
	19	1			0.3	3.0	3	0.3	3.8	...	...	...	3	0.4	4.2
	20	1			0.3	3.2	3	0.3	3.8	...	...	...	3	0.4	4.0
	21	1			0.2	3.0	3	0.3	3.7	1	0.1	6.0	3	0.4	4.0		
	22	1			0.2	3.0	3	0.3	3.8	1	0.2	5.4	3	0.4	4.0		
	23	1			0.2	3.5	3	0.2	2.7	1	0.1	6.0	3	0.4	3.5		
	28	0			1	0.2	3.0	3	0.2	3.7	1	0.1	6.0	3	0.4		3.5
		6			1	0.2	3.0	3	0.2	3.7	1	0.2	5.6	3	0.4		4.0
		12	3		3	0.1	3.0	3	0.2	3.7	1	0.1	5.7	3	0.4		4.0
		18	3		3	0.2	3.0	3	0.2	3.7	3	0.4		4.0
0				1	0.1	3.0	3	0.2	3.7	1	0.2	6.4	3	0.4	4.2		
6		0,0		0,0	0.2	3.0	3	0.2	3.2	1	0.1	6.5	3	0.4	4.2		
29	12	0,0		0,0	0.2	3.0	3	0.2	3.2	...	...	...	3	0.5	4.5
	18	3		3	0.2	3.0	3	0.2	3.0	1	0.1	6.3	3	0.4	4.0		
	0			2	0.3	2.6	3	0.2	3.0	0,0	0.1	6.3	3	0.4	4.0		
	6	2		2	0.5	2.8	3	0.3	3.0	...	...	...	3	0.4	4.5
30	12	1		1	0.4	3.0	3	0.3	3.0	1	0.4	3.8	3	0.4	4.5		
	18	3		3	0.4	2.8	3	0.2	3.0	1	0.6	4.0	3	0.4	4.5		
	0			3	0.4	2.9	3	0.2	3.0	1	0.6	4.1	3	0.4	4.2		
	6	3		3	0.3	3.0	3	0.2	3.0	1	0.7	4.0	3	0.4	4.2		
	12	3		3	0.2	3.0	3	0.3	4.0	1	0.6	4.0	3	0.3	4.5		
	18	1		1	0.2	3.1	3	0.3	4.0	1	0.6	3.7	0,0	0.4	4.5		
Aug. 1	0	0,0		0,0	0.2	2.5	3	0.3	4.0	...	0.6	4.2	3	0.4	4.5		
	6	0,0		0,0	0.2	2.5	3	0.3	4.0	...	0.6	4.2	3	0.4	4.5		
	12	1		1	0.2	2.5	3	0.3	4.0	1	0.6	4.2	3	0.4	4.5		
																Resolute - power failure	



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS				
	H	O	U	K	A	T	K	A	T	K	A	T					
														R			
Aug. 1	18			1	0.2	3.0	3	0.6	5.0	1	0.8	5.2	3	0.4	4.5	International day	
	0			1	0.2	3.0	3	0.9	6.0	1	0.9	5.7	3	0.4	5.0		
	6			1	0.7	5.0	3	1.1	6.0	1	1.1	5.8	3	0.4	5.0		
	12	1			1	1.3	5.5	3	1.6	6.0	1	0.8	6.3	3	0.4		5.0
	18	1			1	1.3	5.5	3	1.6	6.0	1	1.1	5.9	3	0.4		4.5
	0			1	0.8	5.0	3	1.6	6.0	1	0.7	5.9	3	0.4	4.5		
	6	1			1	0.7	5.0	3	1.0	5.5	1	0.6	5.9	3	0.4		4.5
	12	1			1	0.6	5.5	3	0.8	5.6	1	0.5	5.8	3	0.4		4.5
	18	1			1	0.5	4.5	3	0.7	5.0	1	0.5	5.8	3	0.4		4.5
	4	0			1	0.7	5.0	3	0.7	5.0	1	0.5	5.3	3	0.4		4.5
		6			1	0.7	5.0	3	0.6	4.8	1	0.4	5.3	3	0.4		4.5
		12	1			0.5	4.5	3	0.4	4.8	1	0.3	5.1	3	0.4		4.5
18		1			0.4	4.5	3	0.4	4.8	1	0.3	5.1	3	0.4	4.5		
0				1	0.3	4.0	3	0.4	4.5	1	0.2	4.8	3	0.4	4.5		
6		1			0.1	2.0	3	0.3	4.3	1	0.2	5.9	3	0.4	4.5		
5	12	1			0.2	2.2	3	0.2	3.9	1	0.2	5.8	3	0.4	4.5		
	18	1			0.2	2.5	3	0.2	3.8	1	0.2	5.1	3	0.4	4.5		
	0			1	0.3	2.5	3	0.2	3.8	1	0.1	5.4	3	0.4	4.5		
	6	1			0.2	2.5	3	0.2	3.7	1	0.2	5.4	3	0.5	4.5		
	12	1			0.2	3.0	3	0.2	4.0	1	0.1	5.6	3	0.5	4.5		
	18	1			0.2	3.0	3	0.2	4.0	1	0.2	5.0	3	0.6	5.0		
6	0			1	0.3	3.3	3	0.2	4.0	...	0.2	5.0	3	0.5	5.0		
	1			1	0.4	4.0	3	0.2	4.0	1	0.2	5.1	3	0.5	5.0		
	2			1	0.4	3.5	3	0.2	4.0	1	0.2	5.3	3	0.5	5.0		
	3	1			0.6	4.5	3	0.2	4.0	1	0.2	5.0	3	0.5	5.0		
	4	1			0.7	5.0	3	0.3	4.0	1	0.3	4.8	3	0.6	5.0		
	5	1			1.0	4.5	3	0.3	4.0	1	0.3	5.5	3	0.5	5.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		Aug. 7	6	0.5	4.5	4.0	0.3	4.0	1	0.3	5.3	3	0.5		5.0
	7	1	0.7	4.5	4.2	0.4	1	0.3	5.4	3	0.6	5.0		
	8	1	0.8	5.0	5.0	0.4	1	0.3	5.4	3	0.6	5.0		
	9	1	0.7	4.5	5.0	0.4	1	0.3	5.4	3	0.6	5.0		
	10	1	0.7	4.5	5.0	0.4	1	0.3	5.4	3	0.5	5.0		
	11	1	0.7	4.5	5.0	0.4	1	0.3	5.4	3	0.6	5.0		
	12	1	0.7	4.5	5.0	0.4	1	0.3	5.2	3	0.6	5.0		
	13	1	1.1	5.5	5.0	0.6	1	0.3	5.1	3	0.6	5.0		
	14	1	0.8	5.0	5.0	0.6	1	0.4	5.4	3	0.5	5.0		
	15	1	0.6	4.5	5.0	0.6	1	0.3	5.6	3	0.5	5.0		
	16	1	0.6	4.5	5.0	0.6	1	0.3	5.2	3	0.6	5.0		
	17	1	0.5	4.0	5.0	0.6	1	0.3	5.4	3	0.6	5.0		
	18	1	1.7	5.5	5.0	0.7	1	0.3	5.5	3	0.5	5.0		
	19	1	1.0	4.5	5.0	0.7	1	0.4	5.4	3	0.6	5.0		
	20	1	1.0	5.0	5.4	0.8	1	0.3	5.6	3	0.6	5.0		
	21	1	1.0	5.0	5.5	0.8	1	0.3	5.6	3	0.6	5.0		
	22	1	1.3	5.0	5.5	0.8	1	0.3	5.6	3	0.6	5.0		
	23	1	1.0	5.0	5.5	0.8	1	0.3	5.2	3	0.6	5.0		
8	0	1	1.1	5.5	5.0	0.7	1	0.3	5.6	3	0.6	5.0		
	6	1	1.0	5.0	5.0	0.7	1	0.2	5.3	3	0.6	5.0		
	12	1	1.0	5.0	5.0	0.6	1	0.2	5.2	3	0.6	5.0		
	18	1	1.1	5.4	5.0	0.6	1	0.2	5.6	3	0.6	5.0		
9	0	1	0.9	5.5	5.0	0.6	1	0.2	5.4	3	0.5	5.0		
	6	3	0.8	5.0	5.0	0.6	1	0.2	5.6	3	0.5	5.0		
	12	3	0.1	2.0	5.0	0.6	1	0.3	5.4	3	0.4	5.0		
	18	3	0.3	2.7	3.3	0.2	1	0.2	6.0	3	0.4	5.0		
10	0	3	0.2	2.7	3.3	0.2	1	0.2	5.6	3	0.4	5.0		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		Aug. 10	6	3	0.2	2.2	3.6	0.2	1	0.2	5.3	3	0.4		5.0
	12	3	0.1	2.2	4.0	0.2	1	0.1	5.0	3	0.3	4.5		
11	18	3	0.2	2.7	4.0	0.2	1	0.2	5.1	3	0.3	4.5		
	0	3	0.4	3.5	4.0	0.3	1	0.1	5.5	3	0.3	4.5		
	6	1	0.5	4.0	5.0	0.6	1	0.2	5.0	3	0.3	4.5		
	12	3	0.8	5.0	5.0	0.6	1	0.3	5.4	3	0.3	4.5		
12	18	3	0.6	4.5	5.0	0.6	1	0.2	5.6	3	0.3	4.5		
	0	3	0.4	4.0	5.0	0.7	1	0.4	5.6	3	0.3	4.5		
	1	1	0.8	5.0	6.0	1.1	1	0.4	5.9	3	0.3	4.5		
	2	3	0.8	5.0	5.0	0.7	1	0.5	5.5	3	0.3	4.5		
	3	3	0.8	4.7	5.5	0.8	1	0.5	5.7	3	0.4	5.0		
	4	3	0.7	4.2	6.0	0.8	1	0.4	5.9	3	0.5	5.5		
	5	1	1.1	5.5	6.0	0.9	1	0.5	5.7	3	0.5	5.5		
	6	1	1.1	5.5	6.0	0.9	1	0.5	5.8	3	0.5	5.5		
	7	1	1.1	5.5	5.0	0.7	1	0.5	5.5	3	0.5	5.5		
	8	3	0.6	4.5	5.0	0.6	1	0.6	5.5	3	0.5	5.5		
	9	3	0.6	4.5	5.0	0.6	1	0.5	5.8	3	0.5	5.5		
	10	1	0.8	5.0	5.0	0.7	1	0.6	5.6	3	0.6	5.5		
	11	1	0.8	5.0	5.2	0.6	1	0.5	5.8	3	0.5	5.5		
	12	1	1.5	6.0	5.2	0.8	1	0.5	5.6	3	0.5	5.5		
	13	1	0.8	5.0	5.2	0.8	1	0.5	5.8	3	0.5	5.5		
	14	1	0.8	5.0	5.2	0.8	1	0.5	5.7	3	0.5	5.5		
	15	1	0.8	5.0	5.2	0.8	1	0.5	5.7	3	0.5	5.5		
	16	1	0.8	5.0	5.2	0.8	1	0.5	5.7	3	0.5	5.5		
	17	1	1.1	5.5	5.2	0.8	...	...	...	...	...	...
	18	1	1.0	4.7	5.0	0.7	1	0.5	5.7	3	0.5	5.5		
	19	1	0.8	5.0	5.0	0.7	1	0.5	5.4	3	0.4	4.5		

International day

Resolute - seismic

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
	H O U R	K	A	K	A	T	K	A	T	K	A	T	
		Aug. 12.	1	0.6	4.5	3	0.7	5.0	
	1	0.8	5.0	3	0.6	5.0	...	...	...	...	...	...
	1	0.8	5.0	3	0.6	5.0	...	...	...	...	...	...
13	1	0.8	5.0	3	0.8	5.3	1	0.4	5.6	3	0.3	4.5	Resolute - seismic
	1	0.8	5.0	3	0.6	5.3	...	...	...	...	...	...
	1	0.8	5.0	3	0.6	5.3	1	0.3	5.6	3	0.3	4.5	Resolute - seismic
14	1	0.8	5.0	3	0.6	5.0	1	0.3	5.8	3	0.3	4.5	Resolute - seismic
	1	0.8	5.0	3	0.6	5.0	...	...	...	...	...	...	International day
	2	0.1	2.0	3	0.4	4.3	3	0.2	5.4	3	0.3	4.5	
	2	0.1	2.0	3	0.2	4.0	3	0.2	5.6	3	0.3	4.5	
	2	0.1	2.0	3	0.2	4.0	3	0.2	5.8	3	0.3	4.5	
	2	0.1	2.0	3	0.2	4.0	3	0.2	5.7	3	0.3	4.5	
	3	0.1	2.0	3	0.2	4.0	3	0.2	5.4	3	0.3	4.5	
	4	0.1	2.0	3	0.2	4.0	3	0.1	5.9	3	0.3	4.5	
	5	0.1	2.0	3	0.2	4.0	3	0.2	6.0	3	0.3	4.5	
	6	0.1	2.0	3	0.2	4.0	3	0.2	4.4	3	0.3	4.5	
	7	0.1	2.0	3	0.2	4.0	3	0.2	4.4	3	0.3	4.5	
	8	0.1	2.0	3	0.2	4.0	...	...	...	...	...	...	Resolute - seismic
	9	0.1	2.0	3	0.2	4.0	3	0.2	5.4	3	0.3	4.5	
	10	0.1	2.0	3	0.2	4.0	3	0.2	5.8	3	0.3	4.5	
	11	0.2	2.5	3	0.2	4.0	...	...	...	...	...	...	Resolute - seismic
	12	0.2	2.5	3	0.2	4.0	...	...	...	...	...	...
	13	0.1	2.0	3	0.2	4.0	3	0.2	5.0	3	0.3	4.5	
	14	0.1	2.0	3	0.2	4.0	3	0.2	5.0	3	0.3	4.5	
	15	0.0		3	0.2	4.0	...	...	...	...	...	...	Resolute - seismic
	16	0.0		3	0.2	3.5	...	...	...	...	...	...	Victoria - record disturbed
	17	1	0.3	3.0	3	0.2	3.5	...	...	...	...	...

I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	K	A	T	K	A	T	K	A	T		
		Aug. 14	18	1	0.3	3.0	3	0.2	3.6
	19	0,0			3	0.2	3.6	...	...	...	...	...
	20	0,0			3	0.2	3.6	1	0.2	4.7	3	0.3	4.5	
	21	1	0.2	2.5	3	0.2	4.0	1	0.2	5.4	3	0.3	4.5	
	22	0,0			3	0.2	4.0	1	0.2	4.8	3	0.3	4.5	
15	23	1	0.2	2.8	3	0.2	4.0	1	0.2	4.4	3	0.3	4.5	
	0	1	0.3	3.3	3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	1	1	0.2	3.0	3	0.2	4.0	1	0.2	4.1	3	0.3	4.5	
	2	1	0.2	3.0	3	0.2	4.0	1	0.2	4.5	3	0.3	4.5	
	3	1	0.2	3.0	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	4	1	0.3	3.5	3	0.2	4.0	1	0.2	4.9	3	0.3	4.5	
	5	1	0.1	2.7	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	6	1	0.2	3.0	3	0.2	4.0	1	0.2	4.9	3	0.3	4.5	
	7	0,0			3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	8	0,0			3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	9	0,0			3	0.2	4.0	1	0.2	4.3	3	0.3	4.5	
	10	0,0			3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	11	1	0.2	3.0	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	12	1	0.3	3.5	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	13	1	0.1	2.3	3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	14	1	0.1	3.0	3	0.2	4.0	1	0.2	5.2	3	0.3	4.5	
	15	1	0.2	2.7	3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	16	1	0.2	2.7	3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	17	...			3	0.2	4.0	...	...	...	...	...
	18	3	0.3	3.5	3	0.2	4.0	1	0.2	4.4	3	0.3	4.5	Victoria - seismic
	19	3	0.2	3.5	3	0.2	4.0	1	0.3	4.8	3	0.3	4.5	Victoria - seismic
	20	3	0.8	5.0	3	0.2	4.0	1	0.2	4.7	3	0.3	4.5	Resolute - paper off Victoria - no record

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		...	0.8	5.0	4.0	3	0.2	4.0	
Aug. 15	21	3	0.2	4.0	3	0.2	4.0	...	...	...	...	...	...	...
16	22	3	0.2	4.0	3	0.2	4.0	...	...	...	...	...	...	...
	23	...	0.2	4.0	3	0.2	4.0	...	...	...	...	...	...	...
	0	0,0	0.2	4.0	3	0.2	4.0	...	...	...	...	...	...	...
	6	0,0	0.2	4.0	3	0.2	4.0	1	0.3	5.4	...	...	...	...
	12	3	0.1	2.5	3	0.2	4.0	...	...	...	...	...	...	...
	18	3	0.2	3.0	3	0.2	4.0	...	...	...	...	...	...	...
17	0	1	0.2	3.0	3	0.2	4.0	...	...	...	...	...	...	...
	6	1	0.2	4.0	3	0.2	4.0	1	0.3	4.6	...	...	...	...
	12	1	0.3	2.5	3	0.2	3.5	...	...	...	...	...	...	...
	15	1	0.6	2.5	3	0.2	3.5	...	...	...	...	...	...	...
	18	1	0.8	2.5	3	0.2	3.5	...	...	...	...	...	...	...
18	21	1	0.6	2.5	3	0.2	4.0	...	...	...	...	...	...	...
	0	1	0.5	2.5	3	0.2	4.0	...	...	...	...	...	...	...
	3	1	0.5	2.5	3	0.2	4.0	...	...	...	...	...	...	...
	6	1	0.9	3.0	3	0.2	4.0	...	...	...	...	...	...	...
	9	1	0.7	3.0	3	0.2	4.0	...	...	...	...	...	...	...
	12	1	0.7	3.0	3	0.6	5.0	3	0.6	5.8	...	...	...	...
	18	1	0.5	3.3	3	0.6	5.0	...	...	...	...	...	...	...
19	0	1	0.5	3.0	3	0.5	4.0	...	...	...	...	...	...	...
	6	1	0.2	2.0	3	0.5	4.0	...	...	...	...	...	...	...
	12	1	0.4	2.5	3	0.2	3.0	3	0.4	5.8	...	...	...	...
	18	1	0.7	3.0	3	0.2	3.5	...	...	...	...	...	...	...
20	0	1	0.7	3.0	3	0.2	4.0	...	...	...	...	...	...	...
	6	1	0.8	3.2	3	0.2	4.0	...	...	...	...	...	...	...
	12	1	0.6	3.5	3	0.2	4.0	1	0.3	5.3	...	...	...	...
	18	1	0.4	3.5	3	0.4	4.4	1	0.3	5.1	...	...	...	...

Resolute - seismic
Resolute - paper off

Halifax - storm start

Resolute - paper off

Halifax - storm end
Resolute - paper off

Resolute - paper off

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		1	0.4	4.0	4.4	3	0.4	4.4	3	0.2	5.2	3	0.4		4.5	...
Aug. 21	0	1	0.4	4.0	3	0.3	4.0	3	0.2	5.4	3	0.5	4.5	...
	6	1	0.4	4.0	3	0.5	4.5	3	0.2	5.4	3	0.4	4.5	...
	12	1	0.4	4.0	3	0.5	4.5	3	0.2	5.0	3	0.4	4.5	...
	18	1	0.4	4.0	3	0.5	4.5	3	0.4	5.2	3	0.5	4.5	...
22	0	1	0.6	4.5	3	0.5	4.5	1	0.5	5.6	3	0.5	4.5	...
	6	1	0.5	4.5	3	0.5	4.5	1	0.5	5.9	3	0.5	4.5	...
	12	3	0.5	4.5	3	0.6	4.5	1	0.5	5.9	3	0.5	4.5	...
	18	1	0.2	2.5	3	0.3	4.0	...	...	...	...	...	...	...
23	0	0,0	0.1	2.5	3	0.3	4.0	1	0.4	5.9	3	0.5	4.5	...
	6	1	0.2	3.0	3	0.6	4.5	1	0.3	5.6	3	0.5	4.5	...
	12	1	0.2	3.0	3	0.5	4.5	1	0.2	5.3	3	0.5	4.5	...
	18	1	0.2	3.0	3	0.5	4.5	1	0.4	5.2	3	0.5	4.5	...
24	0	1	0.3	3.4	3	0.5	4.5	1	0.4	4.9	3	0.5	4.5	...
	6	1	0.3	3.5	3	0.5	4.5	1	0.4	5.0	3	0.5	4.5	...
	12	1	0.2	3.0	3	0.6	4.5	1	0.5	5.0	3	0.5	4.5	...
	18	1	0.2	3.0	3	0.6	4.5	1	0.5	5.0	3	0.5	4.5	...
25	0	1	0.3	3.5	3	0.6	4.5	1	0.7	5.4	3	0.5	4.5	...
	6	1	0.2	3.0	3	0.5	4.5	1	0.6	5.5	3	0.5	4.5	...
	12	3	0.1	2.5	3	0.5	4.5	1	0.6	5.5	3	0.5	4.5	...
	18	0,0	0.2	2.5	3	0.5	4.5	1	0.4	5.4	3	0.5	4.5	...
26	0	0,0	0.2	2.5	3	0.5	4.5	1	0.4	5.2	3	0.6	5.0	...
	6	3	0.2	2.5	3	0.5	4.5	1	0.3	5.4	3	0.6	5.0	...
	12	3	0.2	2.5	3	0.5	4.5	1	0.3	6.0	3	0.6	5.0	...
	18	3	0.2	2.5	3	0.5	4.0	1	0.2	5.9	3	0.5	4.5	...
27	0	3	0.2	3.0	3	0.5	4.0	...	...	...	...	...	...	...
	6	3	0.4	3.5	3	0.5	4.0	3	0.2	5.0	3	0.5	4.5	...
	12	2	0.2	3.0	3	0.3	3.5	3	0.2	4.6	3	0.3	4.5	...

Resolute - paper off

Resolute - seismic

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS			
	H	O	U	K	A	T	K	A	T	K	A	T				
	R															
Aug. 27	18			2	0.2	3.0	3	0.3	4.0	...			3	0.3	4.5	Resolute - seismic
	0	1		1	0.3	3.5	3	0.3	4.0	3	0.2	5.2	3	0.2	4.5	
	6	1		1	0.3	3.3	3	0.3	3.7	3	0.2	5.4	3	0.3	4.5	
29	12	1		1	0.3	3.5	3	0.2	3.7	3	0.2	5.7	3	0.3	4.5	Resolute - seismic
	18	1		1	0.2	3.5	3	0.2	3.5	...			3	0.3	4.5	
	0	1		1	0.1	3.0	3	0.3	4.0	1	0.3	5.4	3	0.3	4.5	
30	6	1		1	0.1	3.0	3	0.4	4.4	1	0.2	5.9	3	0.3	4.5	Halifax - storm start
	12	3		3	0.3	3.5	3	0.6	4.5	1	0.3	5.8	3	0.4	4.0	
	15	1		1	0.6	3.5	3	0.6	4.1	1	0.4	5.0	3	0.5	4.5	
31	18	1		1	0.6	3.5	3	0.6	4.0	1	0.5	5.1	3	0.5	4.5	Halifax - storm end
	21	1		1	1.3	3.8	3	0.6	4.0	1	0.5	5.1	3	0.5	4.5	
	0	1		1	1.5	3.8	3	0.6	4.0	1	0.5	4.6	3	0.6	4.5	
Sept. 1	6	1		1	2.0	3.8	3	0.6	4.0	1	0.5	5.2	2	0.6	5.0	Victoria - seismic
	3	1		1	1.9	3.7	3	0.5	4.0	1	0.4	5.2	2	0.6	5.0	
	9	1		1	1.4	3.6	3	0.5	4.0	1	0.4	5.1	2	0.8	5.0	
31	12	1		1	1.1	3.3	3	0.6	4.0	1	0.3	5.3	2	0.6	4.0	Halifax - storm end
	15	1		1	1.3	3.6	3	0.6	4.0	1	0.2	5.3	2	0.6	4.0	
	18	1		1	1.0	3.5	3	0.6	4.0	1	0.2	5.5	2	0.6	4.0	
Sept. 1	21	1		1	0.6	3.0	3	0.6	4.0	1	0.2	5.7	2	0.6	4.0	Victoria - seismic
	0	1		1	0.4	3.0	3	0.3	4.0	1	0.3	5.6	2	0.7	5.0	
	6	1		1	0.4	3.0	3	0.4	4.4	1	0.4	5.9	2	0.8	5.0	
31	6	1		1	0.4	3.0	3	0.4	5.0	1	0.3	6.0	2	0.9	5.0	Halifax - storm end
	12	1		1	0.4	3.0	3	0.4	5.0	1	0.3	5.4	2	0.9	5.0	
	18	1		1	0.4	3.5	3	0.4	5.0	1	0.3	5.4	2	0.9	5.0	
Sept. 1	0	3		3	0.2	2.5	3	0.5	4.0	1	0.3	5.3	Victoria - seismic
	6	3		3	0.1	2.5	3	0.5	4.0	1	0.2	5.3	2	0.6	4.0	
	12	1		1	0.2	2.5	3	0.5	4.0	1	0.2	5.5	2	0.6	4.0	
Sept. 1	18	1		1	0.3	2.6	3	0.2	3.0	1	0.2	5.7	2	0.6	4.0	Victoria - seismic
	0	3		3	0.3	2.6	3	0.5	4.0	1	0.2	5.7	2	0.6	4.0	
	6	3		3	0.3	2.6	3	0.5	4.0	1	0.2	5.7	2	0.6	4.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS			
	H	O	U	K	A	T	K	A	T	K	A	T				
	R															
Sept. 2	0	1		1	0.2	2.5	3	0.4	3.5	...			2	0.6	4.0	Resolute - paper off
	6	1		1	0.3	2.6	3	0.5	4.0	1	0.1	4.7	3	0.5	3.5	
	12	1		1	0.4	3.0	1	0.6	4.0	1	0.2	4.4	3	0.4	3.5	
3	18	1		1	0.3	2.5	1	0.6	4.0	...			3	0.3	3.5	Resolute - paper off
	0	1		1	0.6	3.0	1	0.6	4.0	...			3	0.3	3.8	
	6	1		1	1.0	3.0	1	0.6	4.5	...			3	0.3	4.0	
4	12	1		1	0.7	3.5	1	0.6	4.5	1	0.7	5.7	3	0.3	3.8	Resolute - paper off
	18	1		1	0.6	3.7	1	0.6	4.5	...			3	0.3	3.8	
	0	1		1	0.6	3.5	1	0.6	4.5	...			3	0.3	3.8	
5	6	1		1	0.3	3.0	1	0.7	5.0	1	0.5	5.2	3	0.4	4.0	Resolute - paper off
	12	1		1	0.3	3.0	1	0.6	4.5	1	0.5	6.0	3	0.4	4.2	
	18	1		1	0.3	2.6	1	0.6	5.0	1	0.5	6.0	3	0.7	4.2	
6	0	0		0	0.1	2.5	3	0.5	4.0	...			2	0.8	4.5	Resolute - paper off
	6	0		0	0.3	4.0	3	0.3	4.0	...			...	...	...
	12	0		0	0.3	4.0	3	0.3	4.0	1	0.2	5.2	3	0.5	4.0	
6	18	0		0	0.4	3.5	3	0.4	3.5	1	0.2	4.6	3	0.4	4.0	Resolute - paper off
	0	0		0	0.2	3.5	3	0.2	3.5	...			3	0.4	4.0	
	1	0		0	0.2	3.5	3	0.2	3.5	...			3	0.4	4.0	
6	2	0		0	0.2	3.5	3	0.2	3.5	...			3	0.4	4.0	Resolute - paper off
	3	0		0	0.2	3.3	3	0.2	3.3	...			3	0.4	4.0	
	4	0		0	0.2	3.0	3	0.2	3.0	...			3	0.4	4.0	
6	5	0		0	0.2	3.4	3	0.2	3.4	2	0.1	5.0	3	0.4	4.0	Resolute - paper off
	6	0		0	0.2	3.5	3	0.2	3.5	2	0.1	5.1	3	0.4	4.0	
	7	0		0	0.2	3.5	3	0.2	3.5	2	0.2	4.9	3	0.4	4.0	
6	8	0		0	0.2	3.5	3	0.2	3.5	2	0.2	4.6	3	0.4	4.0	Resolute - paper off
	9	0		0	0.2	3.3	3	0.2	3.3	2	0.2	4.6	3	0.4	4.0	
	10	0		0	0.2	3.0	3	0.2	3.0	2	0.2	4.7	3	0.4	4.0	
6	10	0		0	0.2	3.0	3	0.2	3.0	2	0.2	4.3	3	0.4	4.0	Resolute - paper off
	0	0		0	0.2	3.0	3	0.2	3.0	2	0.2	4.3	3	0.4	4.0	
	0	0		0	0.2	3.0	3	0.2	3.0	2	0.2	4.3	3	0.4	4.0	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS		
	H	O	U	H	O	U	H	O	U	H	O	U			
	K	A	T	K	A	T	K	A	T	K	A	T			
Sept. 6	11	0,0		3	0.2	3.4	2	0.2	4.0	3	0.4	4.0	Resolute - paper off		
	12	0,0		3	0.2	3.3	2	0.2	4.5	3	0.5	4.0			
	13	0,0		3	0.2	3.5	2	0.2	4.2	3	0.4	4.0			
	14	0,0		3	0.2	3.5	2	0.2	5.6	3	0.4	4.0			
	15	0,0		3	0.2	3.5	2	0.2	4.5	3	0.5	4.0			
	16	0,0		3	0.2	3.3	2	0.2	4.2	3	0.4	4.0			
	17	0,0		3	0.2	3.4	2	0.2	4.4	3	0.4	4.0			
	18	0,0		3	0.2	3.6	2	0.2	4.5	3	0.4	4.0			
	19	0,0		3	0.2	3.5	...	...	4.5	3	0.4	4.0	
	20	0,0		3	0.2	4.0	...	...	...	3	0.4	4.0
	21	0,0		3	0.2	4.0	...	...	...	3	0.4	4.0
	22	0,0		3	0.2	4.0	...	...	...	3	0.4	4.0
	23	0,0		3	0.2	4.0	...	...	...	3	0.4	4.0
	7	0	0,0		3	0.2	4.0	3	0.5		4.5	Resolute - paper off
		6	0,0		3	0.3	4.0	1	0.4	4.7	3	0.5		4.0	
		12	0,0		3	0.5	4.5	1	0.3	5.0	3	0.5		4.0	
	8	18	0,0		3	0.5	4.5	3	0.4		4.0	Resolute - paper off
		0	0,0		3	0.5	4.5	3	0.4		4.0	
		6	0,0		3	0.5	4.5	3	0.4		4.0	
	9	12	1	0.2	2.5	0.2	4.5	2	0.2	4.9	3	0.3		4.0	Resolute - instrument shut down for re calibration
		18	1	0.3	2.5	0.3	4.0	2	0.2	4.8	3	0.3		4.0	
		0	1	0.3	2.5	0.3	4.0	3	0.3		4.0	
	10	6	1	0.6	3.2	1	0.6	1	0.6	4.1	...	0.3		4.0	Resolute - instrument shut down for re calibration
12		1	0.4	3.2	1	0.5	1	0.5	4.3	...	0.4	4.0			
18		1	0.6	3.5	1	0.6	1	0.6	4.0	...	0.3	4.0			
0		1	0.6	3.3	1	0.6	1	0.6	4.0	...	0.3	4.0			
6		1	0.6	3.3	1	0.6	1	0.6	4.0	...	0.3	4.0			

I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
	H	O	U	H	O	U	H	O	U	H	O	U	
	K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 10	6	1	0.4	3.5	1	0.6	4.0	3	0.2	3.8	International period
	12	1	0.4	3.5	1	0.6	4.0	...	...	3	0.2	3.8
	18	1	0.7	4.0	1	0.6	4.0	...	...	3	0.3	4.0
	0	3	0.6	3.6	1	0.5	4.5	...	...	3	0.3	3.8
	6	3	0.4	3.0	1	0.5	4.5	...	...	2	0.6	4.5
	12	3	0.9	3.8	1	0.5	4.5	...	...	2	0.9	4.5
	18	3	0.6	3.5	1	0.6	4.5	...	...	2	0.7	4.5
	0	1	0.7	3.3	1	0.6	4.0	...	...	2	0.7	4.5
	6	1	0.6	3.1	1	0.6	4.5	...	...	2	0.6	4.5
	12	1	1.3	4.0	1	0.6	4.3	...	...	3	0.5	4.5
	18	1	0.8	3.7	1	0.6	4.2	...	...	3	0.5	4.5
	0	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5
	1	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5
	2	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5
	3	1	0.6	3.5	1	0.6	4.5	...	...	3	0.5	4.5
4	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5	
5	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5	
6	1	0.7	4.0	1	0.6	4.5	...	...	3	0.5	4.5	
7	1	0.7	3.7	1	0.6	4.5	...	...	3	0.5	4.5	
8	1	0.9	4.0	1	0.6	4.5	...	...	3	0.4	4.0	
9	1	0.8	3.8	1	0.6	4.5	...	...	3	0.4	4.0	
10	1	0.9	4.0	1	0.6	4.5	...	...	3	0.5	4.0	
11	1	0.5	4.0	1	0.6	4.5	...	...	3	0.4	4.0	
12	1	0.5	4.0	1	0.6	4.5	...	...	3	0.5	4.0	
13	1	0.9	4.0	1	0.6	4.5	...	...	3	0.4	4.0	
14	1	0.9	4.0	1	0.6	4.5	...	...	3	0.3	4.0	
15	1	0.8	4.0	1	0.6	4.5	...	...	3	0.4	4.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		16	1	0.6	3.5	1	0.6	4.5	2	0.3		4.0	Resolute - paper off Victoria - seismic
17	1	0.9	4.0	1	0.6	4.5	...	...	...	3	0.3	4.0
18	1	0.8	4.0	1	0.6	4.5	...	...	...	3	0.3	4.0
19	1	0.8	4.0	1	0.6	4.5	...	...	...	3	0.5	4.5
20	1	0.8	4.0	1	0.6	4.5	...	...	...	3	0.5	4.5
21	1	0.7	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
22	1	0.7	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
23	1	1.0	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
0	1	1.0	4.5	1	0.7	5.0	...	...	...	3	0.3	4.5
1	1	1.0	4.5	1	0.7	5.0	...	...	...	3	0.4	4.5
2	1	1.0	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
3	1	1.0	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
4	1	0.7	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
5	1	0.7	4.0	1	0.7	5.0	...	...	...	3	0.4	4.5
6	1	0.9	4.0	1	0.9	5.0	...	...	...	3	0.5	4.5
7	1	1.2	4.5	1	0.7	4.8	...	...	...	3	0.5	4.5
8	1	1.2	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
9	1	1.2	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
10	1	0.5	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
11	1	0.6	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
12	1	1.2	4.5	1	0.7	5.0	...	...	...	3	0.5	4.5
13	3	0.7	4.0	1	0.7	5.0	...	...	...	3	0.5	4.5
14	3	0.5	4.0	1	0.7	5.0	...	...	...	3	0.5	5.0
15	3	0.5	4.0	1	0.7	5.0	...	...	...	3	0.6	5.0
16	3	0.3	3.0	1	0.7	5.0	...	...	...	3	0.5	5.0
17	3	0.4	3.5	1	0.7	5.0	...	...	...	3	0.4	5.0



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		18	3	0.5	3.5	1	0.7	5.0	1	0.9	5.5	3	0.4		5.0	Resolute - seismic
19	1	0.6	3.5	1	0.7	4.6	1	1.1	5.6	3	0.5	5.0		
20	1	0.5	3.5	1	0.7	4.6	1	0.9	5.8	3	0.5	4.5		
21	1	0.5	3.5	1	0.5	4.6	1	0.9	5.4	3	0.4	4.5		
22	1	0.6	3.5	1	0.6	5.0	...	...	...	3	0.5	5.0
23	1	0.6	3.5	1	0.6	5.0	...	...	...	3	0.5	4.5
0	1	0.6	3.5	1	0.7	5.0	1	1.1	5.6	3	0.5	4.5		
1	1	0.6	3.5	1	0.7	5.0	1	0.9	5.6	3	0.4	4.5		
2	1	0.6	3.5	1	0.7	5.0	1	0.8	5.7	3	0.5	4.5		
3	1	0.6	3.5	1	0.7	5.0	1	0.9	5.6	3	0.5	4.5		
4	1	0.6	3.5	1	0.9	5.0	1	1.1	5.8	3	0.5	4.5		
5	1	0.4	3.0	1	0.9	5.0	1	0.7	5.6	3	0.5	4.5		
6	1	0.4	3.0	1	0.9	5.2	...	...	...	3	0.5	4.5
7	1	0.4	3.0	1	1.0	5.6	1	0.8	5.6	3	0.5	4.5		
8	1	0.4	3.0	1	1.0	5.6	1	0.9	5.8	3	0.5	4.5		
9	1	0.2	2.5	1	1.0	5.8	1	0.8	5.6	3	0.5	4.5		
10	1	0.2	3.0	1	1.0	5.8	1	0.8	5.8	3	0.5	4.5		
11	3	0.3	3.0	1	1.0	5.8	1	0.8	5.8	3	0.5	4.5		
12	3	0.5	3.4	1	1.0	5.8	1	0.9	5.8	3	0.5	4.5		
13	3	0.9	4.5	1	1.0	6.0	1	0.8	5.7	3	0.5	4.5		
14	3	0.4	3.1	1	1.0	6.0	1	0.7	5.6	3	0.5	4.5		
15	3	0.5	3.4	1	1.0	6.0	1	0.7	5.5	3	0.4	4.0		
16	3	0.5	3.6	1	1.0	6.0	...	...	...	3	0.4	4.0
17	3	0.3	2.6	1	1.0	6.0	...	...	...	3	0.4	4.0
18	3	0.3	2.5	1	0.9	6.0	...	...	...	3	0.4	4.0
19	3	0.3	3.0	1	0.7	5.0	...	...	...	3	0.4	4.0
20	1	0.7	5.0	0.4	4.0	Halifax Victoria - seismic	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		Sept. 15	21	3	0.3	3.0	1	0.7	5.0	...			3		0.4	4.0	Resolute - seismic Resolute - paper off
	22	3	0.9	4.0	1	0.7	5.0	...			3	0.4	4.0	
	23	3	0.3	2.5	1	0.7	5.0	...			3	0.4	4.0	
16	0	3	0.2	2.5	1	0.7	5.0	1	0.4	5.5	3	0.5	4.0	
	1	3	0.2	2.5	1	0.7	5.0	1	0.4	5.4	3	0.5	4.0	
	2	3	0.3	3.0	1	0.7	5.0	1	0.4	5.5	3	0.5	4.0	
	3	3	0.6	3.5	1	0.6	5.0	1	0.6	5.4	3	0.5	4.0	
	4	3	0.4	3.0	1	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	5	3	0.3	2.5	3	0.6	5.0	1	0.5	5.5	3	0.5	4.0	
	6	3	0.3	3.0	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	7	3	0.3	3.0	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	8	3	0.3	2.5	3	0.6	5.0	1	0.4	5.6	3	0.5	4.0	
	9	3	0.5	3.3	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	10	3	0.4	3.0	3	0.6	5.0	1	0.5	5.7	3	0.5	4.0	
	11	3	0.5	3.6	3	0.5	5.0	1	0.4	5.8	3	0.5	4.0	
	12	3	0.4	3.4	3	0.5	4.0	1	0.4	5.8	3	0.5	4.0	
	13	3	0.7	4.1	3	0.4	4.2	1	0.5	5.8	3	0.5	3.5	
	14	3	0.3	2.8	3	0.3	4.0	...			2	0.5	3.5	
	15	3	0.5	3.5	3	0.4	5.0	...			2	0.5	3.5	
	16	3	0.3	3.0	3	0.4	5.0	1	0.6	6.4	2	0.5	3.5	
	17	3	0.3	2.8	3	0.4	4.5	1	0.5	6.3	2	0.6	4.0	
	18	3	0.3	3.0	3	0.5	4.8	...			2	0.7	4.5	
	19	3	0.3	3.0	3	0.5	4.5	...			2	0.7	4.5	
	20	3	0.5	3.5	3	0.5	4.0	1	0.6	5.6	2	0.8	4.5	
	21	3	0.4	3.5	3	0.6	5.0	1	0.6	6.2	2	0.8	5.0	
	22	3	0.3	3.0	3	0.6	5.0	1	0.6	6.3	2	0.7	5.0	
	23	3	0.7	4.0	3	0.6	5.0	1	0.6	6.4	2	0.7	5.0	

I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		Sept. 17	0	3	0.7	4.0	3	0.6	5.0	1	0.7	6.0	2		0.7	5.0	Resolute - seismic Resolute - record off
	1	1	0.2	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	2	1	0.2	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	3	1	0.3	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	4	1	0.3	2.0	3	0.6	5.0	1	0.7	5.9	2	0.9	5.0	
	5	1	0.2	2.0	3	0.6	5.0	1	0.7	5.9	2	0.9	5.0	
	6	1	0.5	2.5	3	0.6	5.0	1	0.7	5.7	2	0.9	5.0	
	7	1	0.5	2.0	3	0.6	5.0	1	0.7	5.9	2	1.0	5.0	
	8	1	0.3	2.0	3	0.6	5.0	1	0.7	5.9	2	1.0	5.0	
	9	1	0.5	2.5	3	0.7	5.0	1	0.7	5.8	2	0.9	5.0	
	10	1	0.6	2.5	3	0.7	5.0	1	0.6	6.3	2	1.0	5.0	
	11	1	0.6	2.5	3	0.7	5.0	1	0.7	5.8	2	0.9	5.0	
	12	1	0.6	2.5	3	0.8	5.4	1	0.8	5.9	2	0.9	5.0	
	13	1	0.7	2.7	1	1.1	5.5	...			2	0.9	5.0	
	14	1	0.5	2.7	1	1.1	5.5	1	0.9	6.1	2	0.9	5.0	
	15	1	0.6	2.6	1	1.3	5.5	1	0.7	6.4	2	0.9	5.0	
	16	1	0.6	2.7	1	1.1	5.5	...			2	1.1	5.0	
	17	1	0.8	3.0	1	1.3	5.5	...			2	1.2	5.5	
	18	1	1.0	3.0	1	1.2	5.2	...			2	1.3	5.5	
	19	1	0.6	3.0	1	1.4	5.8	...			2	1.2	6.0	
	20	1	0.7	3.0	1	1.6	6.1	...			2	1.2	6.0	
	21	1	0.4	2.7	1	1.6	6.1	...			2	1.3	6.0	
	22	1	0.4	2.6	1	1.8	6.1	...			2	1.3	6.0	
	23	1	1.2	4.5	1	1.8	6.1	1	1.4	6.0	2	1.3	6.0	
18	0	1	2.6	6.0	1	1.8	6.1	1	1.3	6.1	2	1.2	6.0	
	1	1	2.6	6.0	1	2.0	6.1	1	1.5	6.1	2	1.2	6.0	
	2	1	2.6	6.0	1	2.0	6.1	1	1.2	6.2	2	1.1	6.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 18	3	1	3.9	6.0	1	2.1	6.1	1	1.4	6.4	2	1.0	6.0	
	4	1	3.9	6.0	1	2.1	6.1	1	1.4	6.2	2	0.9	6.0	
	5	1	3.9	6.0	1	2.2	6.2	1	1.7	6.3	2	0.9	6.0	
	6	1	2.6	6.0	1	2.6	7.0	1	2.0	6.2	2	1.0	6.0	
	7	1	3.8	7.0	1	2.5	6.8	1	2.0	6.3	2	0.9	6.0	
	8	1	3.8	7.0	1	3.5	7.0	1	1.6	6.2	2	0.9	6.0	
	9	1	3.1	6.5	1	3.0	7.0	1	1.6	6.3	2	0.9	6.0	
	10	1	4.7	6.5	1	3.6	7.0	1	1.8	6.3	2	0.9	6.0	
	11	1	4.1	6.5	1	3.2	7.0	1	1.9	6.5	2	1.0	6.5	
	12	1	5.3	7.0	1	3.0	7.0	1	1.7	6.5	2	1.0	6.0	
	13	1	3.8	7.0	1	3.0	7.0	1	1.6	6.5	2	1.0	6.5	
	14	1	3.8	7.0	1	3.0	7.0	1	2.0	6.2	2	1.0	6.5	
	15	1	3.8	7.0	1	3.2	7.0	1	2.3	6.5	2	0.9	6.0	
	16	1	3.8	7.0	1		7.0	1	1.7	6.7	2	0.8	5.5	
	17	1	3.8	7.0	1		7.0	1	1.8	6.4	2	0.8	5.5	
	18	1	3.8	7.0	1		7.0	1	1.8	6.4	2	0.9	6.0	
	19	1	3.8	7.0	1		7.0	1	1.6	6.3	2	0.8	5.5	
	20	1	5.3	7.0	1		7.0	1	1.5	6.3	2	0.6	3.5	
	21	1	5.1	6.0	1		7.0	1	1.5	6.2	2	0.6	3.5	
	22	1	4.5	6.5	1		7.0	1	1.5	6.2	2	0.5	3.5	
	23	1	0.8	3.3	1		7.0	1	1.3	6.2	2	0.6	3.5	
	0	1	0.8	3.3	1		7.0	1	1.3	6.0	2	0.6	3.5	
	1	1	0.8	3.3	1	2.0	7.0	1	1.2	6.1	2	0.6	3.5	
2	1	0.8	3.3	1	2.0	7.0	1	1.1	6.3	2	0.6	3.5		
3	1	0.8	3.3	1	1.4	6.0	1	1.1	6.2	2	0.7	3.5		
4	1	1.3	3.5	1	0.8	4.0	1	0.9	6.0	2	0.7	3.5		
5	1	1.3	3.5	1	1.4	6.0	1	1.1	6.2	2	0.7	3.5		



I. G. Y. MICROSEISMIC BULLETIN

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 19	6	1	1.8	4.0	1	2.1	6.0	1	0.9	6.1	2	0.7	3.5	
	7	1	1.6	4.0	1	0.9	4.0	1	0.8	6.1	2	0.8	4.0	
	8	1	1.2	3.5	1	0.9	4.0	1	0.8	6.1	2	0.8	4.0	
	9	1	1.8	4.0	1	0.9	4.0	1	0.8	5.6	2	0.8	4.0	
	10	1	1.1	3.5	1	0.7	4.0	1	0.8	5.8	2	0.8	4.0	
	11	1	1.3	3.5	1	0.7	4.0	1	0.7	6.0	2	0.8	4.0	
	12	1	1.3	3.5	1	0.7	4.0	1	0.8	5.9	2	0.8	4.5	
	13	1	1.3	3.5	3	0.7	4.0	1	0.7	6.0	2	0.9	4.5	
	14	1	1.3	3.5	3	0.7	4.0	1	0.8	6.1	2	0.8	4.5	
	15	1	1.9	3.5	3	0.8	4.0	1	0.7	5.8	2	0.8	4.5	
	16	1	1.3	3.5	3	0.8	4.0	1	0.5	5.8	2	0.9	5.0	
	17	1	1.6	3.5	3	0.8	4.0	2	0.7	5.6	2	0.8	4.5	
	18	1	1.4	3.5	3	0.8	4.0	2	0.7	5.4	2	0.8	4.5	
	19	1	1.3	3.5	3	0.8	4.0	2	0.7	5.4	2	0.8	4.5	
	20	1	1.3	3.5	3	0.8	4.0	2	0.5	5.8	2	0.8	4.5	
	21	1	1.3	3.5	3	0.8	4.0	2	0.5	5.7	2	0.9	4.5	
	22	1	1.3	3.5	3	0.7	4.0	2	0.7	5.6	2	0.8	4.5	
	23	1	1.9	3.5	3	0.7	3.8	2	0.7	5.3	2	0.8	4.5	
	0	1	1.9	3.5	3	0.8	3.8	2	0.5	5.6	2	0.9	4.5	
	1	1	1.6	3.5	3	0.8	3.8	2	0.5	5.7	2	0.8	4.5	
	2	1	1.6	3.5	3	0.6	4.0	2	0.6	5.4	2	0.8	4.5	
	3	1	1.6	3.5	3	0.6	4.0	2	0.5	5.6	2	0.9	4.5	
	4	1	1.8	4.0	3	0.6	4.0	2	0.4	5.9	2	0.8	4.5	
5	1	1.8	4.0	3	0.6	4.0	2	0.5	5.6	2	0.9	4.5		
6	1	1.6	3.5	3	0.6	4.0	2	0.5	5.6	2	0.8	4.5		
7	1	1.3	3.5	3	0.6	4.0	2	0.4	5.9	2	0.9	5.0	Resolute - seismic	
8	1	1.0	3.5	3	0.6	4.0	2	0.4	5.6	2	0.8	4.5		

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		9	1	1.0	3.6	3	0.6	4.0	2	0.5	5.1	2		0.8	4.5	Resolute - seismic
10	1	1.1	3.6	3	0.6	4.0	2	0.4	5.7	2	0.7	4.5		
11	1	1.2	3.6	3	0.6	4.0	...			2	0.8	4.5		
12	1	1.2	3.6	3	0.6	4.0	...			2	0.8	4.5		
13	1	1.0	3.5	3	0.6	4.0	...			2	0.7	4.5		
14	1	1.0	3.5	3	0.6	4.0	2	0.5	4.5	3	0.6	4.5		
15	...			3	0.6	4.0	...			3	0.5	4.5		
16	1	0.8	3.5	3	0.5	4.0	...			3	0.5	4.5	Resolute - paper off	
17	1	0.8	3.5	3	0.5	4.0	...			3	0.5	4.5	Resolute - seismic	
18	1	0.6	3.5	3	0.5	4.0	...			3	0.5	4.5	Victoria - seismic	
19	1	0.6	3.5	3	0.5	4.0	...			3	0.5	4.5		
20	1	0.7	3.5	3	0.5	4.0	...			3	0.5	4.5		
21	1	0.5	2.9	3	0.5	4.0	3	0.5	4.8	3	0.5	4.5		
22	1	0.9	4.0	3	0.4	4.0	3	0.5	4.9	3	0.6	5.0		
23	1	0.8	3.7	3	0.4	4.0	3	0.5	4.6	3	0.5	4.5		
0	1	0.6	3.5	3	0.4	4.0	...			3	0.4	4.5	Resolute - instrument dead	
1	1	0.6	3.5	3	0.4	4.0	...			3	0.4	5.0		
2	1	0.4	3.0	3	0.4	4.0	3	0.4	4.2	3	0.5	4.5		
3	1	0.4	3.0	3	0.4	4.0	...			3	0.5	4.5	Resolute - instrument dead	
4	1	0.8	4.0	3	5.0	5.0	...			3	0.4	4.5		
5	1	0.7	4.0	3	5.0	5.0	...			3	0.3	4.5		
6	1	0.7	4.0	3	0.4	5.0	...			2	0.6	4.0		
7	1	0.4	4.0	3	0.4	5.0	...			2	0.7	4.0		
8	1	0.7	4.0	3	0.4	4.5	3	0.6	3.8	2	0.6	4.0		
9	1	0.4	4.0	3	0.4	4.5	...			2	0.7	3.5		
10	1	0.3	3.5	3	0.4	5.0	...			2	0.7	3.5		
11	1	0.3	3.5	3	0.4	5.0	3			2	0.8	3.5		



I. G. Y. MICROSEISMIC BULLETIN

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		12	1	0.5	4.1	3	0.4	4.5	...			2		1.0	4.0
13	1	0.5	4.2	3	0.4	4.5	...			2	0.8	3.5		
14	1	0.4	4.0	3	0.4	4.5	3	0.5	4.4	2	0.8	3.5		
15	1	0.4	4.0	3	0.4	4.5	3	0.5	4.7	2	0.7	3.5		
16	1	0.4	3.5	3	0.4	4.5	3	0.5	4.4	2	0.9	4.0		
17	1	0.4	4.0	3	0.4	4.5	3	0.3	4.7	2	0.5	3.5		
18	1	0.5	4.2	3	0.4	4.5	...			2	0.6	4.0	Resolute - paper off	
19	1	0.4	4.0	3	0.4	4.5	...			2	0.6	4.0		
20	1	0.4	4.0	3	0.3	4.5	...			2	0.5	3.5		
21	1	0.4	4.0	3	0.3	4.5	2	0.4	5.0	2	0.7	4.0		
22	1	0.4	4.0	3	0.3	4.5	2	0.5	4.6	2	0.7	4.0		
23	1	0.4	4.0	3	0.3	4.5	...			2	0.7	4.0	Resolute - seismic	
0	1	0.4	4.0	3	0.3	4.5	2	0.5	4.8	2	0.7	4.0		
1	1	0.4	4.0	3	0.3	4.5	2	0.5	4.9	2	0.7	4.0		
2	1	0.4	4.0	3	0.3	4.5	2	0.5	5.1	2	0.7	4.0		
3	1	0.3	3.5	3	0.3	4.5	2	0.4	5.2	2	1.3	4.0		
4	1	0.3	3.5	3	0.3	4.5	2	0.7	4.3	2	1.2	5.0		
5	1	0.3	3.5	3	0.3	4.5	2	0.5	5.1	2	1.1	5.0		
6	1	0.3	3.5	3	0.3	4.5	2	0.5	4.7	2	1.1	5.0		
7	1	0.2	3.0	3	0.2	3.6	2	0.5	5.1	2	1.2	5.0		
8	1	0.2	3.5	3	0.2	3.3	2	0.5	5.1	2	1.2	5.0		
9	1	0.2	3.0	3	0.3	4.3	...			2	1.1	5.0		
10	1	0.2	3.5	3	0.2	3.3	2	0.4	5.2	2	1.2	5.0		
11	1	0.2	3.0	3	0.3	3.3	2	0.5	4.8	2	1.1	5.0		
12	1	0.4	4.0	3	0.3	4.0	2	0.4	4.3	2	1.3	5.0		
13	1	0.4	4.0	3	0.3	4.0	2	0.5	5.0	2	1.1	5.0		
14	0,0			3	0.2	3.6	2	0.3	4.6	2	1.1	5.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 30	15	1	2.5	5.0										
	18	1	2.0	5.0	1	2.0	5.6	1	0.5	5.9	2	0.7	5.0	
	21	1	2.0	5.0										
	24	1	1.7	5.0	1	2.0	6.1	1	0.5	6.0	2	0.8	5.5	



Canada



Seismological Bulletin

*Seismological Service
of Canada*

**October - December
1958**

ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1960

*Dominion Observatory,
Department of Mines and
Technical Surveys, Ottawa*

SEISMOLOGICAL BULLETIN

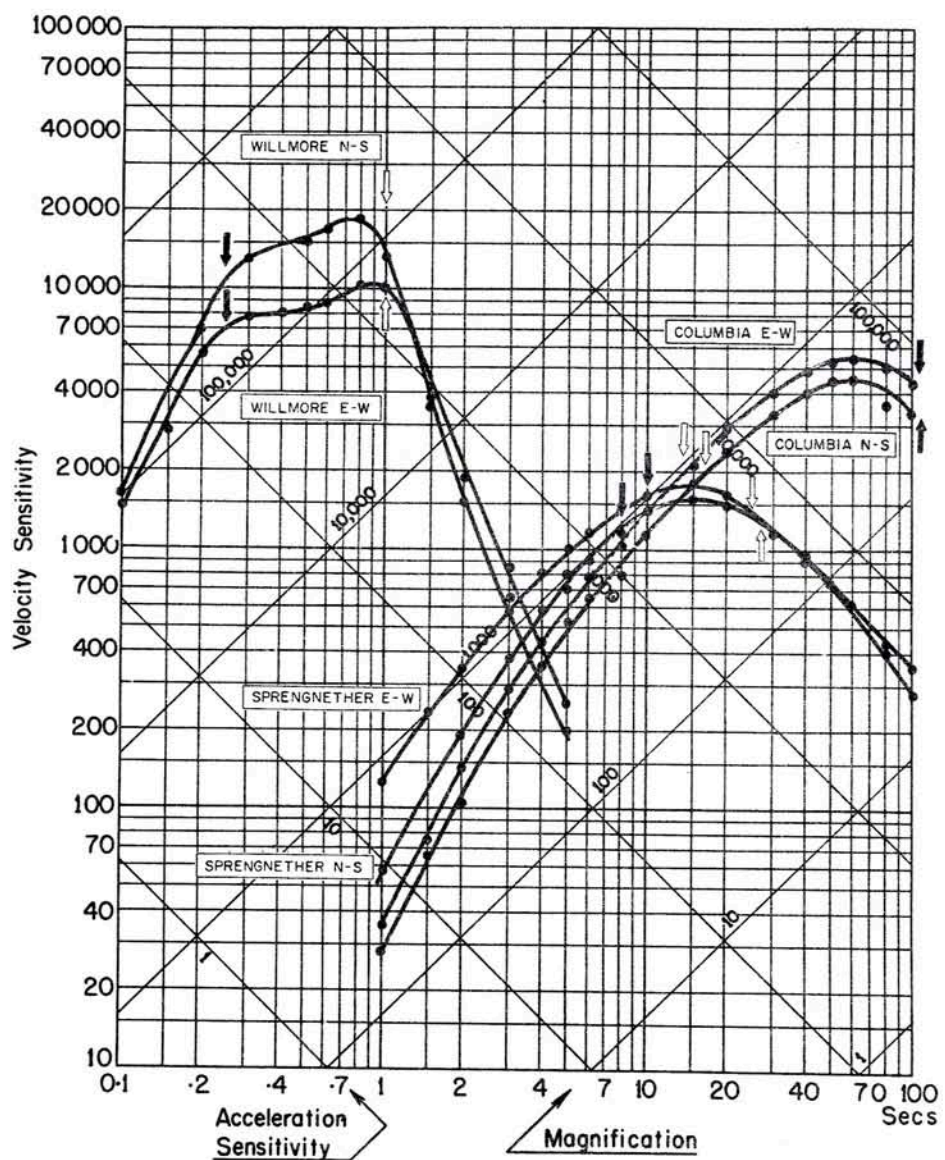
October - December - 1958

NOTES

1. I. G. Y. microseismic data starting page 328.
2. Calibration curves for the nine instruments at Resolute may be found on pages 268, 269.
3. Canadian earthquakes will be found listed separately on pages 323 to 327.

CALIBRATION CURVES

STATION: RESOLUTE (Horizontal)



$\phi = 74^{\circ}41.2'N$ $\lambda = 94^{\circ}54.0'W$ Altitude 15M

Foundation: Early Palaeozoic limestone

$T_s \uparrow$

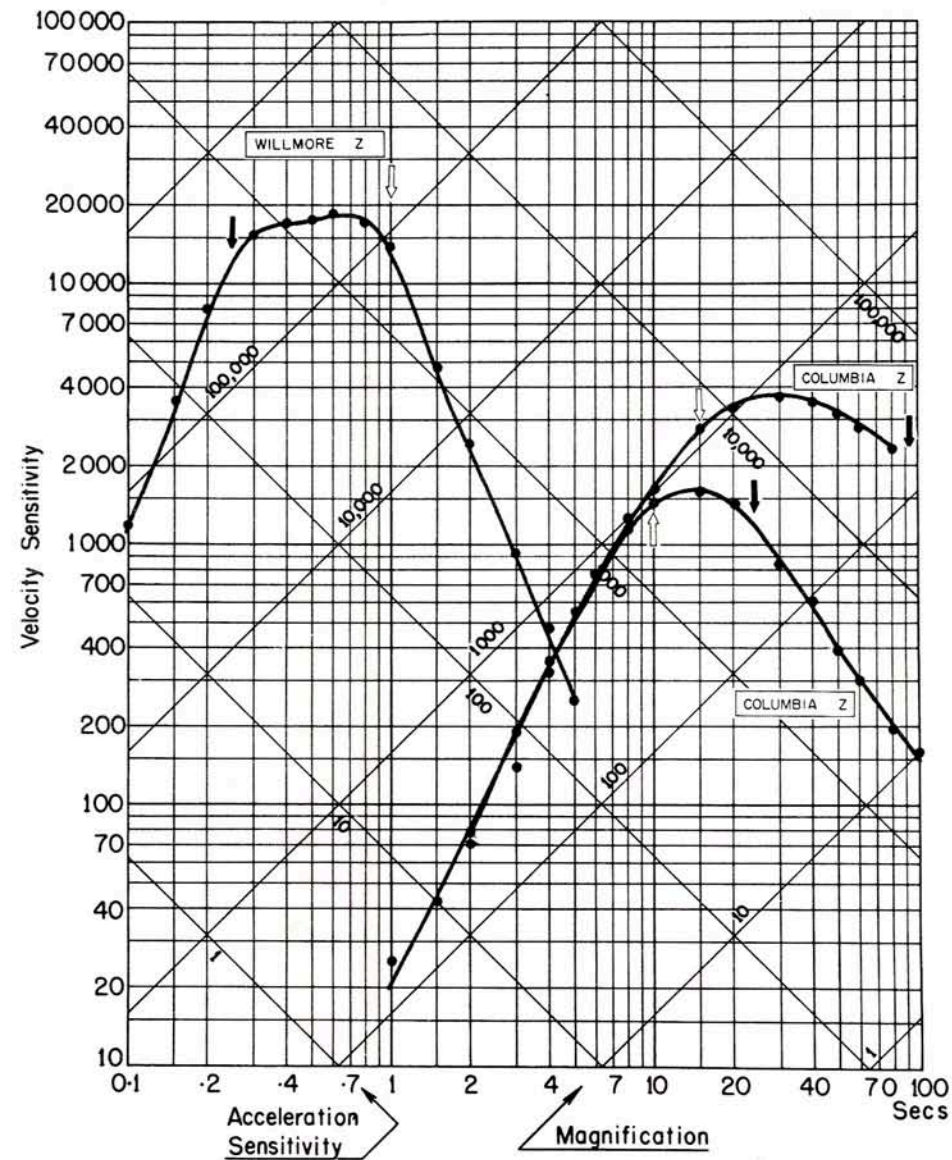
$T_g \uparrow$

Date of Calibration: Aug.-Sept. 1958

Willmore N-S - August 18/58 Columbia N-S - September 15/58
 Willmore E-W - September 20/58 Columbia E-W - September 15/58
 Sprengnether N-S - September 7/58 Sprengnether E-W - September 8/58

CALIBRATION CURVES

STATION: RESOLUTE (Vertical)



$\phi = 74^{\circ}41.2'N$ $\lambda = 94^{\circ}54.0'W$ Altitude 15M

Foundation: Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: September 1958

Willmore Z - August 18/58
 Columbia LPZ - September 17/58
 Columbia Z - September 13/58

DOMINION OBSERVATORIES

OCTOBER 1
 U.S. C. G. S.
 19 1/2N, 121E
 Off north coast of
 Luzon, Philippine Islands
 H = 05 21 01
 Resolute
 iP 05 33 31 c
 e(P) 05 33 37

OCTOBER 1
 Resolute
 iP 06 39 09 d

OCTOBER 1
 U.S. C. G. S.
 11S, 166 1/2E
 Santa Cruz Islands
 H = 06 31 33
 Resolute
 PP 06 49 40
 eL 07 13 24

OCTOBER 1
 U.S. C. G. S.
 57S, 147E
 Antarctic Ocean,
 southwest of
 Macquaria Island
 H = 09 29 43
 Mag 6 1/4
 Ottawa
 eP' 09 49 36
 P₂' 09 50 25
 Resolute
 iP' 09 45 35 c
 SKKS 10 00 06
 SKSP 10 03 37
 P'P' 10 11 26
 P'P' 10 12 32
 SS 10 13 28
 Shawinigan Falls
 eP' 09 49 40
 P₂' 09 50 29

OCTOBER 1
 U.S. C. G. S.
 71 1/2N, 3 1/2W
 Jan Mayen Island
 Region
 H = 16 43 36
 Resolute
 iP 16 49 02 c

OCTOBER 1
 U.S. C. G. S.
 53N, 165 1/2W
 Fox Islands,
 Aleutian Islands
 H = 17 47 15
 Mag 6 1/4
 Alberni
 iP 17 52 48 d
 Horseshoe Bay
 eP 17 53 55 d
 Ottawa
 eP 17 56 51
 Resolute
 iP 17 54 12 (d)
 eS 17 59 43
 eL 18 40
 Shawinigan Falls
 eP 17 56 57
 Seven Falls
 eP 17 57 01
 Victoria
 iP 17 52 58 d, N, W,

OCTOBER 2
 U.S. C. G. S.
 58S, 9 1/2W
 Sandwich Islands region
 H = 04 25 27
 Halifax
 ePS 04 54 15
 eSS 05 00.2
 Horseshoe Bay
 eP 04 44 57
 Resolute
 eP' 04 45 01

SKSP 04 58 20
 PPS 05 02 20
 SS 05 06 44
 SSS 05 12 17
 G 05 25 00
 Victoria
 eP 04 44 52

OCTOBER 2
 U.S. C. G. S.
 7 1/2N, 127 E
 Off coast of
 Mindanas, Philippine
 Islands
 H = 15 00 50
 Resolute
 iP 15 14 11 (c)
 eS 15 25 20
 SS 15 31 35
 Shawinigan Falls
 eP' 15 19 52
 Seven Falls
 eP' 15 19 52

OCTOBER 3
 47.6 N, 124.5W
 West of Seattle
 H = 00 08 50
 Mag 3.0
 Alberni
 iP 00 09 23.2 d
 iS 00 09 48.2
 D = 221 km
 Horseshoe Bay
 iP 00 09 21.1 c
 i 00 09 27.9
 iS 00 09 44.8
 D = 196 km
 Victoria
 iP 00 09 08.9 c, N
 i 00 09 11.7
 iS 00 09 23.1
 i 00 09 58.8
 i 00 10 23.6
 D = 120 km

SEISMOLOGICAL BULLETIN - 1958

OCTOBER 3
 U.S. C. G. S.
 13 1/2N, 120 E
 Philippine Islands
 region
 H = 00 33 07
 Resolute
 iP 00 46 04 c
 SS 01 03
 eL 01 10

OCTOBER 3
 Resolute
 iP 04 55 09 d

OCTOBER 3
 49°36'N, 122°49'W
 Northeast of Vancouver
 H = 21 18 53
 Mag 2.2
 Alberni
 iP 21 19 17.8
 iS 21 19 36.2
 D = 154 km
 Horseshoe Bay
 iP 21 19 00.0
 iS 21 19 05.3
 D = 43 km

OCTOBER 4
 U.S. C. G. S.
 4 1/2S, 143 1/2E
 New Guinea
 H = 00 49 36
 h = 100 km
 Halifax
 eSKP 01 12 05
 Horseshoe Bay
 eP 01 02 55 d
 Ottawa
 iP' 01 08 34
 Resolute
 Ss 01 15 48
 PS 01 16 43
 sSS 01 22 36

Seven Falls
 eP' 01 08 37
 Shawinigan Falls
 eP' 01 08 36
 Victoria
 eP 01 02 55

OCTOBER 4
 Alberni
 eP 03 38 24.1
 eS 03 39 06.3
 Horseshoe Bay
 eP 03 38 40.4
 Victoria
 eP 03 38 41
 Local shock

OCTOBER 4
 U.S. C. G. S.
 22 1/2N, 144 1/2E
 Mariana Islands region
 H = 09 51 26
 Horseshoe Bay
 eP 10 03 08
 Resolute
 eS 10 12 50
 eL 10 23
 Victoria
 eP 10 03 08

OCTOBER 4
 U.S. C. G. S.
 22 1/2N, 144 1/2E
 Mariana Islands region
 H = 11 33 07
 Horseshoe Bay
 eP 11 44 50
 Resolute
 iP 11 45 11 d
 eS 11 54 39
 eL 12 05 17

OCTOBER 4
 U.S. C. G. S.
 Central Alaska
 H = 12 58 24
 Resolute
 eP 13 03 10
 e(S) 13 06 30
 Shawinigan Falls
 eP 13 06 28

OCTOBER 4
 U.S. C. G. S.
 22 1/2S, 67W
 Jujuy Province,
 Argentina
 H = 14 18 47
 h = 100 km
 Ottawa
 eP 14 29 44

OCTOBER 4
 U.S. C. G. S.
 22 1/2N, 144 1/2E
 Mariana Islands region
 H = 09 51 26
 Horseshoe Bay
 eP 10 03 08
 Resolute
 eS 10 12 50
 eL 10 23
 Victoria
 eP 10 03 08

OCTOBER 5
 Resolute
 iP 04 04 12

OCTOBER 5
 Resolute
 iP 04 17 23 c

OCTOBER 5
 U.S. C. G. S.
 18 1/2N, 145 1/2E
 Mariana Islands
 H = 06 07 19
 h = 200 km
 Resolute
 iP 06 19 09

DOMINION OBSERVATORIES

OCTOBER 5
 Resolute
 eP 21 25 14

OCTOBER 6
 U.S. C. G. S.
 32S, 179 1/2E
 Kermadec Islands
 H = 00 47 20
 h = 250 km
 Ottawa
 eP' 01 05 47
 PKS 01 08 56
 Resolute
 iP' 01 05 42 d
 Seven Falls
 eP' 01 05 54
 Shawinigan Falls
 eP' 01 05 53

OCTOBER 6
 Resolute
 e 07 47 09
 e 08 01
 e 08 03
 e 08 12

OCTOBER 6
 U.S. C. G. S.
 37 1/2N, 54 1/2E
 Iran-Turkmen S. S. R.
 border
 H = 09 29 22
 Resolute
 iP 09 40 13 c
 eS 09 49 08
 eL 09 56 46

OCTOBER 6
 U.S. C. G. S.
 56N, 163E
 Near east coast of
 Kamchatka
 H = 18 52 43

Ottawa
 iP 19 03 43 c
 Resolute
 iP 19 00 22 c
 PP 19 02 06
 PPP 19 02 26
 eS 19 06 40
 eL 19 09 14
 Seven Falls
 eP 19 03 45
 Shawinigan Falls
 eP 19 03 43 c

OCTOBER 7
 Canadian Arctic
 shock
 H = 00 11 23
 h = 22 km
 Mag 2.2
 Resolute
 eP_n 00 11 56.5
 iP₁ 00 12 00.5
 i 00 12 04.0
 iS_n 00 12 21
 iS₁ 00 12 28
 D = 230 km

OCTOBER 7
 47.4 N, 124.0W
 Southern Olympic
 Mountains
 H = 05 07 56
 Alberni
 iP 05 08 28.8
 iS 05 08 56.5
 D = 218 km
 Horseshoe Bay
 eP 05 08 28.8
 i 05 08 31.9
 eS 05 09 01.7
 D = 218 km
 Victoria
 eP 05 08 19.7
 eS 05 08 38.1
 D = 150 km

OCTOBER 7
 U.S. C. G. S.
 5S, 151 1/2E
 New Britain
 H = 12 32 40
 Mag 6 1/4 - 6 1/2
 Alberni
 eP 12 45 40
 Halifax
 iP' 12 51 55 d
 ePKS 12 55 15
 eSS 13 11 33
 e 13 13.9
 eSSS 13 16 10
 eL 13 29.2
 Horseshoe Bay
 eP 12 45 46
 Ottawa
 eP' 12 51 39 d
 Resolute
 eP 12 46 34 (d)
 PP 12 50 59
 SKS 12 51 09
 eS 12 58 02
 SS 13 05 20
 (S_cSS_cS) 13 10 20
 (SKPP') 13 15 06
 Seven Falls
 eP' 12 51 44
 Shawinigan Falls
 iP' 12 51 42

OCTOBER 7
 Resolute
 iP 15 08 40 d

OCTOBER 7
 U.S. C. G. S.
 16S, 69W
 Bolivia - Peru border
 H = 15 24 27
 h = 200 km
 Ottawa
 eP 15 34 26
 Resolute
 iP 15 37 18 c

SEISMOLOGICAL BULLETIN - 1958

Seven Falls
 eP 15 34 37
 Shawinigan Falls
 eP 15 34 33

OCTOBER 8
 U.S. C. G. S.
 7S, 155 1/2E
 Solomon Islands
 H = 14 00 47
 Resolute
 SS 14 33 40

OCTOBER 9
 Canadian Arctic
 H = 09 30 13
 Mag 1.8
 Resolute
 iP₁ 09 30 31.5
 iS₁ 09 30 45.3
 D = 116 km

OCTOBER 9
 Canadian Arctic
 H = 09 35 49.5
 Mag 1.4
 Resolute
 iP₁ 09 36 08
 iS₁ 09 36 22
 D = 115 km

OCTOBER 9
 U.S. C. G. S.
 14N, 145 1/2E
 Mariana Islands
 H = 10 22 08
 Resolute
 eP 10 34 40

OCTOBER 9
 U.S. C. G. S.
 55 1/2S, 27 1/2W
 Sandwich Islands region
 H = 11 20 17

Halifax
 eSKS 11 45 01
 iS 11 46 13
 iSS 11 53 33
 iSSS 11 58 27
 e 12 03.4
 eL 12 14.2
 Horseshoe Bay
 eP 11 39 30
 e 11 42 52
 Ottawa
 eP' 11 39 16
 Resolute
 eP' 11 39 35
 eP' 11 39 42 d
 PP 11 42 30
 SKS 11 43 10
 e 12 00 30
 PPPS 12 05 38

OCTOBER 9
 U.S. C. G. S.
 35N, 25E
 Crete
 H = 13 31 42
 Ottawa
 eP 13 43 18
 Resolute
 iP 13 42 17 c
 Seven Falls
 iP 13 42 55 c
 Shawinigan Falls
 iP 13 43 03 c

OCTOBER 9
 U.S. C. G. S.
 14N, 145 1/2E
 Mariana Islands
 H = 10 22 08
 Resolute
 eP 10 34 40

OCTOBER 10
 U.S. C. G. S.
 53 1/2N, 160 1/2E
 Near east coast of
 Kamchatka
 H = 08 30 26
 h = 100 km
 Halifax
 iP 08 42 03 c
 ePP 08 44 51
 eS 08 51 40
 eS_cS 08 51 57
 eSSS 09 00 40
 eL 09 09.5
 Horseshoe Bay
 eP 08 38 42 c
 Ottawa
 iP 08 41 34 c
 PP 08 44 10
 Resolute
 iP 08 38 21 c
 PP 08 40 00
 eS 08 44 40
 (S_cS) 08 48 10
 Seven Falls
 iP 08 41 37 c
 Shawinigan Falls
 iP 08 41 35 c
 Victoria
 eP 08 38 45 c

OCTOBER 10
 U.S. C. G. S.
 Tibet India-border
 H = 09 16 40
 Resolute
 iP 09 28 37 c

OCTOBER 10
 Resolute
 eP 11 13 24

DOMINION OBSERVATORIES

OCTOBER 10
 U.S. C. G. S.
 5 1/2N, 127E
 Off south coast of
 Mindanao, Philippine
 Islands
 H = 11 35 24
 Resolute
 eP 11 48 55
 PS 12 01 33
 SS 12 06 49
 PSPS 12 07 22
 eL 12 14 10
 G 12 15 22
 Shawinigan Falls
 eP' 11 54 30

OCTOBER 10
 U.S. C. G. S.
 36N, 120 1/2W
 Near coast of
 California
 H = 13 05 20
 Resolute
 eP 13 13 01
 eS 13 19 24
 eL 13 24

OCTOBER 10
 Resolute
 eP 20 10 17

OCTOBER 10
 U.S. C. G. S.
 Near Islands,
 Aleutian Islands
 region
 H = 21 05 51
 Ottawa
 eP 21 16 35
 Resolute
 eP 21 13 40
 e 21 31
 e 21 36

OCTOBER 11
 U.S. C. G. S.
 65 1/2N, 132 1/2W
 Yukon Territory
 H = 00 41 35
 Horseshoe Bay
 eP 00 45 33
 e 00 50 22
 Ottawa
 iP 00 48 44 d
 e 01 00 06
 e 01 00 31
 e 01 01 18
 L 01 03 07
 Resolute
 iP_n 00 45 15 d
 iS_n 00 48 03
 eL 00 49 26
 D = 1690 km

Seven Falls
 eP 00 48 52
 e 01 00 54
 e 01 01 25
 e 01 03 21
 Shawinigan Falls
 eP 00 48 47 d
 G 00 57 05
 e 01 00 13
 e 01 01 25
 L 01 03 25

Victoria
 eP 00 45 44
 e 00 50 43

OCTOBER 11
 U.S. C. G. S.
 53N, 159 1/2E
 Near east coast of
 Kamchatka
 H = 02 00 40
 Horseshoe Bay
 eP 02 09 05
 Resolute
 iP 02 08 43 c
 (PcP) 02 10 30
 eS 02 15 06
 Seven Falls
 eP 02 11 58

Shawinigan Falls
 eP 02 11 58 c

OCTOBER 11
 Resolute
 iP 02 14 16
 eP 02 19 10
 i 02 20 04

OCTOBER 11
 Resolute
 eP 05 13 32

OCTOBER 11
 Resolute
 eP 06 14 03

OCTOBER 11
 Resolute
 iP 06 31 33

OCTOBER 11
 Resolute
 eP 07 25 46
 e 07 26 09

OCTOBER 11
 U.S. C. G. S.
 42 1/2N, 144 1/2E
 Near east coast of
 Hokkaido, Japan
 H = 09 06 53
 Ottawa
 eP 09 19 31
 Resolute
 iP 09 16 38 (c)
 eL 09 32

OCTOBER 11
 Resolute
 iP 12 05 21 c

SEISMOLOGICAL BULLETIN - 1958

OCTOBER 11
 U.S. C. G. S.
 23 1/2S, 65W
 Jujuy Province,
 Argentina
 H = 14 37 42
 h = 200 km
 Mag 6
 Ottawa
 eP 14 48 36 d
 Resolute
 eP 14 51 10
 SKKS 15 01 30
 eS 15 02 17
 pS 15 03 45
 SS 15 09 10
 sSS 15 10 30
 Seven Falls
 iP 14 48 45
 Shawinigan Falls
 iP 14 48 41 d

OCTOBER 11
 Resolute
 iP 15 07 28 (c)

OCTOBER 11
 Horseshoe Bay
 iP 15 50 18 d

OCTOBER 12
 U.S. C. G. S.
 6S, 75W
 Peru
 H = 01 35 14
 Ottawa
 eP 01 44 23 d
 Resolute
 eP 01 47 34 c
 P 01 47 50

OCTOBER 12
 U.S. C. G. S.
 51 1/2N, 178 1/2W
 Rat Islands,
 Aleutian Islands
 H = 11 15 46
 Resolute
 eP 11 23 26 d
 PcP 11 25 28
 eL 11 40 28

OCTOBER 12
 U.S. C. G. S.
 4 1/2S, 144E
 Near north coast
 of New Guinea
 H = 12 47 42
 Resolute
 eP 13 01 40
 PP 13 05 49
 SS 13 20 50

OCTOBER 12
 U.S. C. G. S.
 27 1/2N, 125 1/2E
 East China Sea
 H = 15 18 42
 h = 250 km
 Mag 6 3/4
 Alberni
 iP 15 - - (c)
 Horseshoe Bay
 iP 15 30 37 d
 Ottawa
 eP' 15 36 23
 Resolute
 iP 15 29 56 d
 (sP) 15 31 22
 pPPP 15 35 48
 iS 15 39 08
 sS 15 40 53
 G 15 49 48
 Victoria
 iP 15 30 39 d

OCTOBER 12
 48°41'N, 124°41'W
 Southwest Vancouver
 Island
 H = 22 31 02
 Mag 2.2
 Alberni
 iP 22 - -
 iS 22 - -
 D = 64 km
 Horseshoe Bay
 eP 22 31 22.4
 eS 22 31 38.6
 D = 132 km
 Victoria
 eP 22 31 18.0
 eS 22 31 31.5
 D = 100 km

OCTOBER 13
 U.S. C. G. S.
 14S, 173 1/2E
 Northwest of Fiji
 Islands
 H = 05 26 56
 Ottawa
 iP' 05 45 34

OCTOBER 13
 U.S. C. G. S.
 41 1/2N, 75E
 Kirghiz S. S. R.
 H = 08 58 10
 Horseshoe Bay
 eP 09 11 03
 Resolute
 eP 09 08 47 d
 eS 09 17 30
 L 09 24.3

DOMINION OBSERVATORIES

OCTOBER 14
 U. S. C. G. S.
 52 1/2N, 159E
 Near east coast
 of Kamchatka
 H = 09 06 24
 Ottawa
 eP 09 17 46
 PP 09 20 26
 Resolute
 iP 09 14 33 c
 PP 09 16 19
 Seven Falls
 eP 09 17 51
 Shawinigan Falls
 eP 09 17 48

OCTOBER 14
 U. S. C. G. S.
 33N, 136 1/2E
 South of Honshu,
 Japan
 H = 21 05 10
 h = 350 km
 Ottawa
 eP 21 18 03 d
 Resolute
 iP 21 15 30 c
 P 21 15 57

OCTOBER 15
 U. S. C. G. S.
 31S, 178 1/2W
 Kermadec Islands
 H = 11 31 30
 Resolute
 eP' 11 50 15

OCTOBER 15
 Ottawa
 iP 15 18 33
 Resolute
 eP 15 22 17
 Seven Falls
 iP 15 18 39 d
 Shawinigan Falls
 eP 15 18 35 c

OCTOBER 15
 Shawinigan Falls
 iP 21 48 18

OCTOBER 16
 Resolute
 eP 06 56 40

OCTOBER 16
 U. S. C. G. S.
 23N, 94 1/2E
 Burma
 H = 11 52 30
 Resolute
 iP 12 04 59 c

OCTOBER 16
 U. S. C. G. S.
 11S, 167E
 Santa Cruz Islands
 H = 18 02 01
 h = 100 km
 Horseshoe Bay
 eP 18 14 35
 Resolute
 PPP 18 22 33
 SKSP 18 29 10
 SS 18 35 00

OCTOBER 17
 Resolute
 eP 07 04 01

OCTOBER 17
 Resolute
 eP 07 30 10

OCTOBER 17
 Resolute
 eP 23 22 56
 e 23 25 47

OCTOBER 18
 U. S. C. G. S.
 7N, 71 1/2W
 Columbia-Venezuela
 border
 H = 06 34 17
 h = 100 km
 Ottawa
 eP 06 41 42
 Resolute
 eP 06 45 24 d
 PP 06 49 33
 eS 06 54 21
 SSS 07 02 00
 eL 07 03 20
 Shawinigan Falls
 eP 06 41 52

OCTOBER 18
 Resolute
 e 07 53 42
 e 07 56 00

OCTOBER 18
 Resolute
 e 10 01 47
 e 10 02 32
 e 10 05 35

OCTOBER 18
 Probably south of
 Victoria
 H = 11 16 53
 Mag 2.5
 Victoria
 iP 11 17 20.1
 iS 11 17 40.6
 D = 167 km

OCTOBER 18
 Resolute
 eP 11 58 42
 e 12 18 23

SEISMOLOGICAL BULLETIN - 1958



OCTOBER 18
 Resolute
 eP 17 49 17

OCTOBER 18
 Resolute
 eP 18 00 22
 e 18 33 -

OCTOBER 18
 U. S. C. G. S.
 53S, 26W
 Antarctic Ocean
 H = 19 01 00
 Resolute
 iP 19 20 47 c

OCTOBER 19
 U. S. C. G. S.
 19S, 172 1/2W
 Tonga Islands
 H = 01 53 54
 Resolute
 eP' 02 11 59
 SSS 02 32 -
 eL 02 52 -

OCTOBER 19
 U. S. C. G. S.
 34 1/2S, 178W
 Kermadec Islands
 region
 H = 11 42 42
 Ottawa
 eP' 12 01 37
 Resolute
 iP' 12 01 36 (c)
 PS 12 13 03
 PSPS 12 20 17
 eL 12 32 30
 Seven Falls
 eP' 12 01 44
 Shawinigan Falls
 eP' 12 01 45 d

OCTOBER 19
 Resolute
 eP 12 11 45

OCTOBER 19
 Resolute
 eP 15 05 21

OCTOBER 19
 Resolute
 iP 15 53 16 c

OCTOBER 19
 Resolute
 eP 21 25 14

OCTOBER 19
 U. S. C. G. S.
 Near coast of
 Oaxaca, Mexico
 H = 21 22 10
 Ottawa
 eP 21 29 14 d
 Resolute
 eP 21 32 17 c
 eL 21 54
 Shawinigan Falls
 eP 21 29 41 d

OCTOBER 20
 Resolute
 eP 00 29 41

OCTOBER 20
 U. S. C. G. S.
 52N, 175W
 Andreanof Islands,
 Aleutian Islands
 H = 00 55 34
 Banff
 iP 01 02 40 c
 Ottawa
 eP 01 05 48

Resolute
 eP 01 02 57
 PP 01 04 33
 P_cP 01 05 09
 eS 01 09 03
 eL 01 11 30
 Shawinigan Falls
 eP 01 05 49
 Victoria
 iP 01 02 09 c

OCTOBER 20
 U. S. C. G. S.
 9 1/2S, 112 1/2E
 Off south coast of Java
 H = 01 12 30
 Banff
 iP 01 31 29 d
 Halifax

OCTOBER 19
 U. S. C. G. S.
 Near coast of
 Oaxaca, Mexico
 H = 21 22 10
 Ottawa
 eP' 01 32 04
 PP 01 35 17
 SKP 01 35 40
 PKS 01 36 45
 Resolute
 eP 01 27 13
 iP' 01 31 09 (c)
 SKS 01 37 47
 PS 01 41 18
 PSPS 01 48 00

OCTOBER 20
 Resolute
 eP' 01 32 01
 PP 01 35 11
 SKP 01 35 38
 Shawinigan Falls
 eP' 01 32 02 d
 PP 01 35 11
 SKP 01 35 38
 i 01 36 20
 Victoria
 eP 01 31 21

DOMINION OBSERVATORIES

OCTOBER 20
Resolute
eP 04 01 53

OCTOBER 20
44N, 129W
Off coast of
Washington
H = 21 27 17
Mag 4
Alberni
eP 21 (40) (25.3)
eS 21 (41) (30.6)
D = 670 km
No time corrections
Banff
iP 21 30 00.9
D = 1285 km
Horseshoe Bay
eP 21 28 58.3
D = 760 km
Victoria
eP 21 28 46.5
eS 21 29 50
D = 670 km

OCTOBER 20
Canadian Arctic
H = 23 37 54
Mag 1.9
Resolute
iP₁ 23 38 18.0
iS₁ 23 38 36.5
D = 152 km

OCTOBER 21
Canadian Arctic
H = 05 14 20.6
Mag 2.2
Resolute
iP₁ 05 14 39
iS₁ 05 14 53
D = 115 km

OCTOBER 21
U. S. C. G. S.
5 1/2S, 147E
Near northeast
coast of New Guinea
H = 06 14 50
Banff
eP 06 28 34
Horseshoe Bay
eP 06 28 11 d
Ottawa
eP' 06 33 52 d
Resolute
eP 06 28 49
SKS 06 39 18
SS 06 47 36
Seven Falls
eP' 06 34 00
Shawinigan Falls
eP' 06 33 54 d
Victoria
eP 06 28 10

OCTOBER 21
Canadian Arctic
H = 06 52 22.6
Mag 1.9
Resolute
iP₁ 06 52 41
iS₁ 06 52 55
D = 115 km

OCTOBER 21
49.6°N, 68.0°W
About 30 miles north
northeast of Baie
Comeau, Que. Report
of a 'fireball' being
seen.
H = 09 32 51.4
h = 13.5 ?
Mag 4.1
Montreal
P_n 09 34 11.7
P₁ 09 34 29.8
S_n 09 35 11.5
S₁ 09 35 39
D = 622 km

Ottawa
P_n 09 34 31
S_n 09 35 43
D = 745 km
Seven Falls
S₁ 09 34 20.7
D = 346 km
Shawinigan Falls
S₁ 09 34 20.7
D = 346 km

OCTOBER 22
45°52'N, 74°28'W
About 15 miles
southwest of Ste.
Agathe, Que.
H = 08 34 32.6
Mag 2.5
Montreal
P₁ 08 34 44.6
S₁ 08 34 53.9
L 08 34 57.5
D = 76.2 km
Ottawa
iP₁ 08 34 50.8
iS₁ 08 35 04.4
D = 112 km
Shawinigan Falls
S₁ 08 35 14.6
D = 152 km

OCTOBER 21
U. S. C. G. S.
11S, 111E
South of Java
H = 15 40 40
Halifax
iP' 16 00 26 d
Ottawa
eP' 16 00 22 d
Resolute
eP' 15 59 25
Shawinigan Falls
eP' 16 00 20

SEISMOLOGICAL BULLETIN - 1958

OCTOBER 21
U. S. C. G. S.
29S, 179W
Kermadec Islands
H = 17 32 45
Resolute
iP' 17 51 26 (d)
e 18 45 -

OCTOBER 22
Resolute
iP 02 39 41 d

OCTOBER 22
49N, 129W
Off West Coast
H = 03 47 17
Mag 3.4
Alberni
eP 03 48 01.9
iS 03 48 36.8
D = 315 km
Horseshoe Bay
eP 03 48 16.5

OCTOBER 22
Resolute
eP 09 11 18

OCTOBER 22
49-06N, 123-57W
South of Nanaimo
H = 20 16 30
Alberni
iP 20 16 42.0
D = 80 km
Banff
eP 20 17 52.3
D = 622 km
Horseshoe Bay
iP 20 16 40.9 d
iS 20 16 49.1
D = 67 km
Lillooet
S-P 18.6
D = 152 km

Victoria
iP 20 16 46.4 d N,W
iS 20 16 58.7
D = 89 km

OCTOBER 22
U. S. C. G. S.
14 1/2S, 168E
New Hebrides Islands
H = 23 42 47
Halifax
iP' 24 01 56
ePS 24 13 58
e(PPS) 24 15 00
e 24 16 52
eL 24 43.3

Ottawa
iP' 24 01 38 d
Resolute
eS 24 08 54
PS 24 10 24
SS 24 16 30
G 24 26 51
Shawinigan Falls
eP' 24 01 42 d

OCTOBER 23
Resolute
eP 02 03 22 c
iP 02 03 22.5 d
e 02 05 15

OCTOBER 23
U. S. C. G. S.
37 1/2N, 82 1/2W
Kentucky-Virginia
border
H = 02 29 47
Ottawa
e(L) 02 34 31
Shawinigan Falls
e(L) 02 35 41

OCTOBER 23
U. S. C. G. S.
38N, 22E
Greece
H = 06 41 58
Ottawa
eP 06 53 06
Resolute
eP 06 52 10
Shawinigan Falls
eP 06 52 50

OCTOBER 23
U. S. C. G. S.
34 1/2N, 47E
Iran
H = 15 43 00
Ottawa
eP 15 55 35
Resolute
eP 15 54 03 c
eS 16 03 13
eL 16 11 06
Seven Falls
eP 15 55 16
Shawinigan Falls
eP 15 55 23

OCTOBER 23
U. S. C. G. S.
15S, 173W
Samoa Islands
region
H = 16 45 12
Resolute
(iP') 17 02 40 (c)
L 17 32

OCTOBER 23
Resolute
iP 18 10 19 c

DOMINION OBSERVATORIES

OCTOBER 23
Rockburst at
Springhill, N.S.
H = 23 05 56.3
Halifax
iP₁ 23 06 15.6
iS₁ 23 06 30.2
D = 120 km

OCTOBER 24
Resolute
e 08 14 (35)
e 08 15 (30)
e 08 18 10

OCTOBER 24
Resolute
eP 12 06 21
e 12 09 27

OCTOBER 24
U.S. C. G. S.
0, 125E
Molucca Passage
H = 21 13 06
Resolute
eP 21 27 04
e 21 30 10
eS 21 38 44
PS 21 40 20
SS 21 45 30
L 21 53 30

OCTOBER 25
Resolute
iP 01 30 15 (d)

OCTOBER 25
Resolute
iP 04 53 14 d
iP 04 53 40 c

OCTOBER 25
U.S. C. G. S.
22 1/2S, 11W
South Atlantic Ocean
H = 06 25 04
Ottawa
eP 06 38 09
Resolute
e 06 53 45
L 07 16

OCTOBER 25
Resolute
eP 15 11 18

OCTOBER 25
Resolute
eP 18 28 22

OCTOBER 26
U.S. C. G. S.
5 1/2N, 117E
Northern Borneo
H = 02 17 32
Ottawa
eP' 02 36 38
Resolute
eP 02 31 12
PSPS 02 50 04
Seven Falls
eP' 02 36 42
Shawinigan Falls
eP' 02 36 42

OCTOBER 26
Canadian Arctic
H = 06 11 39
h = 25 km
Mag 2.3
Resolute
iP_n 06 12 03
iP₁ 06 12 04.5
iS_n 06 12 21
iS₁ 06 12 24
D = 160 km

OCTOBER 26
U.S. C. G. S.
65 1/2N, 133W
Yukon Territory
H = 15 24 13
Mag (5.6) OTT.
Alberni
eP 15 (40) (13)
Banff
eP 15 28 07 (d)
Horseshoe Bay
eP 15 (30) (40)
e 15 (35) (29)
Ottawa
eP 15 31 21
i 15 39 41
Resolute
iP_n 15 27 52
iS_n 15 30 36
L 15 32 00
D = 1700 km
Shawinigan Falls
eP 15 31 24
Victoria
e 15 33 18

OCTOBER 26
U.S. C. G. S.
3N, 127E
Molucca Passage
H = 18 47 35
Resolute
eP 19 01 23

OCTOBER 27
South Western Alberta
H = 07 39 (15)
Horseshoe Bay
eP 07 41 54.9
eS 07 42 09.2
D = 125 km

SEISMOLOGICAL BULLETIN - 1958

OCTOBER 27
U.S. C. G. S.
62 1/2N, 147 1/2W
Central Alaska
H = 09 51 40
Resolute
eP 09 56 32

OCTOBER 27
U.S. C. G. S.
23 1/2S, 175 1/2W
Tonga Islands Region
H = 15 04 44
Seven Falls
eP' 15 23 13

OCTOBER 27
U.S. C. G. S.
44 1/2N, 147 1/2E
Kurile Islands
H = 18 16 53
Ottawa
iP 18 29 18 c
Resolute
iP 18 26 19.5 c
iP 18 26 20 d
P_cP 18 27 24
e 18 33 16
Shawinigan Falls
eP 18 29 18

OCTOBER 27
U.S. C. G. S.
56N, 162E
Near east coast of
Kamchatka
H = 19 20 55
Resolute
eP 19 28 36 c
eS 19 34 46
eL 19 37 29

OCTOBER 28
U.S. C. G. S.
62 1/2S, 157W
Antarctic Ocean
H = 04 14 55
Resolute
eP' 04 34 20
SS 04 56
SSS 05 01 34
G 05 14

OCTOBER 28
U.S. C. G. S.
48°04'N, 80°12'W
A few miles from
Kirkland Lake, Ont.
Probably rockburst,
H = 12 59 44
h = 0
Mag 3.8
Montreal
S₁ 13 02 22.5
D = 576 km
Ottawa
iP_n 13 00 47.5
iP₁ 13 00 57
iS_n 13 01 33.6
i 13 01 49.7
iS₁ 13 01 52.2
D = 453 km
Seven Falls
S₁ 13 03 02.5
D = 712 km
Shawinigan Falls
iP_n 13 01 02.0
iP₁ 13 01 18.5
eS_n 13 02 01.7
i 13 02 24
iS₁ 13 02 26.5
D = 585 km

OCTOBER 28
U.S. C. G. S.
30 1/2N, 85E
Southern Tibet
H = 10 46 27
Halifax
ePS 11 13 24
eSS 11 18 34
eSSS 11 22 32
eL 11 26.6
Ottawa
eP' 11 04 31
Resolute
eP 10 58 13 d
PP 11 01 09
PPP 11 02 54
iS 11 07 52
SS 11 12 30
L 11 18 00

OCTOBER 28
48°04'N, 80°12'W
A few miles from
Kirkland Lake, Ont.
Probably rockburst
H = 13 04 12
h = 0 ?
Mag 3.6
Montreal
S₁ 13 06 52
D = 576 km
Ottawa
S₁ 13 06 19.5
D = 453 km
Seven Falls
S₁ 13 07 31
D = 712 km
Shawinigan Falls
iS₁ 13 06 53.5
D = 585 km

DOMINION OBSERVATORIES

OCTOBER 28
 U. S. C. G. S.
 52N, 179 1/2E
 Andreanof Islands,
 Aleutian Islands
 H = 23 50 08
 Halifax
 eL 24 23.6
 Resolute
 iP 23 57 46 d
 PP 23 59 22
 P_cP 23 59 50
 eS 24 03 36
 eL 24 07 00
 Seven Falls
 eP 24 00 52
 Shawinigan Falls
 eP 24 00 45

OCTOBER 29
 U. S. C. G. S.
 51N, 179E
 Andreanof Islands,
 Aleutian Islands
 H = 06 07 34
 Resolute
 eP 06 15 16
 PP 06 17 18
 eS 06 21 36
 eL 06 29 34

OCTOBER 29
 U. S. C. G. S.
 51 1/2N, 179 1/2E
 Andreanof Islands,
 Aleutian Islands
 H = 07 44 10
 Alberni
 eP 08 (03) (18)
 Halifax
 iP 07 55 24 c
 ePP 07 57 47
 ePPP 08 00 01
 eS 08 04 27
 eSSS 08 12.2
 Ottawa
 eP 07 54 42

P_cP 07 55 21
 S 08 03 16
 e 08 04 15
 S_cS 08 04 34
 e 08 05 16
 L 08 10 20
 Resolute
 iP 07 51 49 c
 (PP) 07 53 31
 iS 07 57 57
 iL 08 01 00
 Seven Falls
 eP 07 54 51
 S 08 03 29
 e 08 05 27
 Shawinigan Falls
 eP 07 54 47
 P_cP 07 55 31
 Victoria
 eP 07 51 13 c
 e 07 53 39
 eS 07 56 54
 eL 07 59.4

OCTOBER 29
 U. S. C. G. S.
 51 1/2N, 179E
 Andreanof Islands,
 Aleutian Islands
 H = 07 55 14
 Ottawa
 eP 08 05 49
 Resolute
 eP 08 02 54
 PPP 08 04 56
 eS 08 08 44
 Seven Falls
 eP 08 05 55
 Shawinigan Falls
 eP 08 05 53
 Victoria
 eP 08 02 21
 e 08 04 45

OCTOBER 29
 U. S. C. G. S.
 51N, 179E
 Andreanof Islands,
 Aleutian Islands
 H = 08 06 15
 Resolute
 eP 08 13 58
 PPP 08 16 01
 S 08 19 47
 Shawinigan Falls
 eP 08 16 56
 Victoria
 eP 08 13 24

OCTOBER 29
 U. S. C. G. S.
 55N, 161E
 Near east coast of
 Kamchatka
 H = 15 17 00
 Resolute
 eP 15 24 48

OCTOBER 29
 U. S. C. G. S.
 51N, 179 1/2E
 Andreanof Islands,
 Aleutian Islands
 H = 19 25 30
 Resolute
 eP 19 33 09 c
 PPP 19 35 11
 eS 19 39 38
 eL 19 42 20

OCTOBER 30
 U. S. C. G. S.
 51 1/2N, 179E
 Andreanof Islands
 Aleutian Islands
 H = 03 44 32
 Resolute
 eP 03 52 13 d
 PPP 03 54 14
 eS 03 58 33
 eL 04 01 20

SEISMOLOGICAL BULLETIN - 1958

OCTOBER 30
 Resolute
 iP 08 08 44 d
 eP 08 18 32

OCTOBER 30
 Resolute
 eP 11 05 06
 PPP 11 07 08
 e 11 10 48

OCTOBER 30
 Canadian Arctic
 H = 23 42 10
 Mag 1.9
 Resolute
 iP₁ 23 42 36.0
 iS₁ 23 42 56.7
 D = 164 km

OCTOBER 31
 Canadian Arctic
 H = 03 27 04.4
 Mag 4.0
 Resolute
 iP_n 03 28 05
 (P₁) 03 28 22
 iS_n 03 29 01
 S₁ 03 29 29
 D = 590 km

OCTOBER 31
 U. S. C. G. S.
 22N, 109W
 Gulf of California
 H = 07 10 00
 Ottawa
 eP 07 17 10 c
 Resolute
 eP 07 19 -
 eS 07 26 54
 SS 07 30 40
 eL 07 32 -

OCTOBER 31
 Resolute
 eP 07 53 26
 e 07 53 38

OCTOBER 31
 Canadian Arctic
 H = 12 27 54.3
 Mag 2.3
 Resolute
 iP₁ 12 28 18
 iS₁ 12 28 39
 D = 148 km

OCTOBER 31
 U. S. C. G. S.
 3 1/2S, 143 1/2E
 New Guinea
 H = 19 02 54
 Resolute
 PS 19 30 -
 SS 19 35 33

OCTOBER 31
 U. S. C. G. S.
 25N, 122 1/2E
 Near north coast
 of Formosa
 H = 23 39 27
 h = 100 km
 Resolute
 iP 23 51 18 c
 e 23 53 16
 PP 23 54 10
 (S_cS) 24 01 12
 sPS 24 02 30
 G 24 12
 Victoria
 eP 23 52 03 c

NOVEMBER 1
 U. S. C. G. S.
 3S, 150E
 Bismarck Sea
 H = 03 38 35
 Mag 6 1/4 - 6 1/2

Halifax
 e(PKS) 04 01 50
 PPP 04 02 39
 PPS 04 11 18
 SS 04 17 09
 eL 04 35.5

Ottawa
 eP' 03 57 33
 Resolute
 eP 03 52 22
 PP 03 56 29
 eS 04 03 54
 SS 04 10 36
 eL 04 20
 Shawinigan Falls
 eP' 03 57 36

NOVEMBER 1
 Resolute
 iP 05 34 39
 e 05 37 11

NOVEMBER 1
 U. S. C. G. S.
 17 1/2S, 168E
 New Hebrides Islands
 H = 12 16 36
 Mag 6 - 6 1/4
 Halifax
 ePKS 12 39 10
 ePS 12 48.0
 e 12 51.0
 eSS 12 55.0
 e 12 56.5
 eL 13 21.0

Ottawa
 eP' 12 35 28
 Resolute
 eP' 12 35 05
 PP 12 35 28
 SKS 12 41 43
 eS 12 43 08
 PS 12 44 56
 SS 12 51 18
 eL 13 01
 Shawinigan Falls
 eP' 12 35 33

DOMINION OBSERVATORIES

NOVEMBER 1 Resolute eP 13 56 45 e 13 57 21	NOVEMBER 2 Canadian Arctic H = 06 29 43.3 Mag 1.9 Resolute P ₁ 06 30 01 S ₁ 06 30 14.5 D = 101 km	NOVEMBER 2 48°35'N, 123°42'W North west of Victoria H = 22 14 40 Mag 1.9 Alberni iP 22 14 59.0 iS 22 15 09.3 D = 136 km Horseshoe Bay iP 22 14 55.8 eS 22 15 08.0 D = 116 km Victoria iP 22 14 44.4 d, N,W iS 22 14 49.8
NOVEMBER 1 Resolute eP 15 48 31	NOVEMBER 2 U. S. C. G. S. 51 1/2N, 175W Andreanof Islands, Aleutian Islands H = 10 44 47 Banff eP 10 51 55 Halifax eL 11 15.0 Ottawa eP 10 55 04 Resolute eP 10 52 13 (P _c P) 10 54 25 eS 10 58 13 eL 11 00 30 Shawinigan Falls iP 10 55 08 d	NOVEMBER 3 Resolute eP 03 32 31 e 03 32 43
NOVEMBER 1 U. S. C. G. S. 17 1/2S, 168E New Hebrides Islands aftershock H = 15 50 10 Halifax ePKS 16 12 39 eL 16 56.0 Resolute eP' 16 08 44 SKS 16 15 18 eS 16 16 46 PS 16 18 22 SS 16 24 22 SSS 16 28 56 L 16 34	NOVEMBER 2 U. S. C. G. S. 16N, 99W Near coast of Guerrero, Mexico H = 18 59 49 Ottawa eP 19 06 45 Resolute eP 19 09 43 Shawinigan Falls eP 19 07 10	NOVEMBER 3 U. S. C. G. S. 30N, 84 1/2E Tibet H = 14 31 35 Resolute eP 14 43 19 d
NOVEMBER 2 Resolute eP 00 14 22	NOVEMBER 2 U. S. C. G. S. 6S, 128E Banda Sea H = 15 30 06 h = 250 km New Hebrides Islands aftershock H = 04 27 50 Ottawa iP' 15 48 59 d Resolute eP' 15 48 04	NOVEMBER 4 U. S. C. G. S. 28N, 141E Bonin Islands Region H = 08 31 00 Resolute iP 08 42 22 c eS 08 51 38
NOVEMBER 2 Canadian Arctic H = 03 20 56 Mag 4.7 Resolute P _n 03 24 21 S _n 03 27 12.5 D = 1610 km	NOVEMBER 4 U. S. C. G. S. 7N, 73W Colombia H = 09 16 44 h = 150 km Ottawa iP 09 23 56 c Resolute iP 09 27 36 c Seven Falls eP 09 24 11 c Shawinigan Falls eP 09 24 05 c	NOVEMBER 4 Banff eP 08 40 22 Horseshoe Bay eP 08 40 01 e 08 42 31 Resolute iP 08 39 51 c eS 08 49 13 Victoria eP 08 40 03

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Banff eP 08 40 22 Horseshoe Bay eP 08 40 01 e 08 42 31	Resolute SS 20 28 20 G 20 38 12	Resolute eP' 04 46 36 eL 05 27
NOVEMBER 4 Resolute iP 22 50 43	NOVEMBER 4 U. S. C. G. S. 50S, 115W South Pacific Ocean H = 22 54 46 Mag 6 Resolute eP' 23 13 47 eS 23 23 43 SS 23 32 40 PSPS 23 33 10 SSS 23 37 10	NOVEMBER 5 U. S. C. G. S. 19 1/2S, 69W Northern Chile H = 08 00 11 h = 150 km Shawinigan Falls eP 08 10 41
NOVEMBER 4 U. S. C. G. S. 28N, 141E Bonin Islands Region H = 08 31 00 Resolute iP 08 42 22 c eS 08 51 38	NOVEMBER 4 U. S. C. G. S. 17 1/2S, 168E New Hebrides Islands aftershock H = 23 34 50 Ottawa iP' 23 53 45 c Seven Falls eP' 23 53 51	NOVEMBER 5 U. S. C. G. S. 58N, 154W Kodiak Island, Alaska H = 15 47 25 h = 60 km Banff eP 15 52 28 Resolute iP 15 53 07 d eS 15 58 06 eL 15 59 30
NOVEMBER 4 U. S. C. G. S. 7N, 73W Colombia H = 09 16 44 h = 150 km Ottawa iP 09 23 56 c Resolute iP 09 27 36 c Seven Falls eP 09 24 11 c Shawinigan Falls eP 09 24 05 c	NOVEMBER 5 Seven Falls eP 03 47 24	NOVEMBER 6 Resolute iP 08 26 19 c
NOVEMBER 4 Resolute eP 17 06 51	NOVEMBER 5 U. S. C. G. S. 6S, 128E Banda Sea H = 15 30 06 h = 250 km New Hebrides Islands aftershock H = 04 27 50 Ottawa iP' 15 48 59 d Resolute eP' 15 48 04	NOVEMBER 6 Resolute iP 10 13 13 c
NOVEMBER 4 U. S. C. G. S. 28N, 140 1/2E Bonin Islands region H = 08 28 28 Alberni eP 08 39 59 e 08 42 30	NOVEMBER 5 U. S. C. G. S. 17S, 168E New Hebrides Islands aftershock H = 04 27 50 Ottawa iP' 04 46 45	NOVEMBER 6 U. S. C. G. S. 6S, 128E Banda Sea H = 15 30 06 h = 250 km New Hebrides Islands aftershock H = 04 27 50 Ottawa iP' 15 48 59 d Resolute eP' 15 48 04

DOMINION OBSERVATORIES

Seven Falls	PPP	23 15 35	NOVEMBER 7
eP'	e	23 16 41	Resolute
PP	e	23 17 18	eP 00 31 37
Shawinigan Falls	S	23 20 36	
eP'	e	23 20 57	NOVEMBER 7
iPKP	e	23 24 33	Resolute
	SS	23 25 21	eP 00 32 39
	SSS	23 29 46	
NOVEMBER 6	Victoria		
U. S. C. G. S.	iP	23 07 55.0 c, S, E	
44 1/2N, 148 1/2E	pP	23 08 13	NOVEMBER 7
Kurile Islands	eS	23 15 47	Resolute
H = 22 58 06	i	23 16 19	iP 00 36 10 c
h = 60 km	S _c S	23 17 20	
Mag 8 - 8 1/4	eSS	23 19 47	
Alberni	eL	23 22.1	NOVEMBER 7
iP	(PKKP)	23 26.4	Resolute
epP	P'P'	23 37.5	eP 00 42 25
Banff			
iP	NOVEMBER 6		
eP'P'	Victoria		
Halifax	eP	23 45 11	NOVEMBER 7
iP			Resolute
iPS			eP 00 44 25
Horseshoe Bay	NOVEMBER 7		
iP	Resolute		
Ottawa	eP	00 04 04	NOVEMBER 7
iP			U. S. C. G. S.
PP			44N, 149E
PPP	NOVEMBER 7		Kurile Islands
S	Resolute		aftershock
SS	iP	00 06 52 c	H = 00 36 12
Resolute			Banff
iP			iP 00 46 29 c
Saskatoon	NOVEMBER 7		Horseshoe Bay
iP	Resolute		eP 00 46 07
iS	(iP)	00 11 41 (c)	Ottawa
e			iP 00 48 40 c
Seven Falls	NOVEMBER 7		Resolute
iP	Resolute		iP 00 45 43 c
PP	iP	00 19 32 c	Seven Falls
PPP			eP 00 48 41
S			Shawinigan Falls
SS			iP 00 48 41 c
Shawinigan Falls	NOVEMBER 7		Victoria
iP	Resolute		eP 00 46 10
e	iP	00 21 52 c	
PP			
e			

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NOVEMBER 7	NOVEMBER 7	Ottawa
Resolute	Resolute	eP 02 07 58
iP 01 02 40 c	iP 01 32 41	Resolute
		iP 02 05 02 c
		Seven Falls
NOVEMBER 7	NOVEMBER 7	eP 02 08 00
Resolute	Resolute	Shawinigan Falls
eP 01 10 42	iP 01 45 09 c	eP 02 07 59
	PP 01 47 13	
NOVEMBER 7	NOVEMBER 7	NOVEMBER 7
U. S. C. G. S.	U. S. C. G. S.	Resolute
44N, 148 1/2E	44 1/2N, 149 1/2E	eP 02 15 59 c
Kurile Islands	Kurile Islands	
aftershock	aftershock	NOVEMBER 7
H = 01 01 58	H = 01 42 56	Resolute
Resolute	Ottawa	iP 02 18 47 c
iP 01 11 27 (c)	eP 01 55 19	
Shawinigan Falls	Resolute	NOVEMBER 7
eP 01 14 24	iP 01 52 21	Resolute
	PP 01 54 27	iP 02 19 42
NOVEMBER 7	Seven Falls	Shawinigan Falls
Resolute	eP 01 55 19	eP 02 22 40
iP 01 14 23 c	Shawinigan Falls	
	eP 01 55 19	
NOVEMBER 7	NOVEMBER 7	NOVEMBER 7
Resolute	Resolute	Resolute
iP 01 18 53	iP 01 57 46 (c)	eP 02 26 11
NOVEMBER 7	NOVEMBER 7	NOVEMBER 7
U. S. C. G. S.	U. S. C. G. S.	Resolute
45N, 149E	45N, 149E	iP 02 26 23
Kurile Islands	Kurile Islands	
aftershock	aftershock	NOVEMBER 7
H = 01 13 52	H = 01 13 52	Resolute
h = 60 km	h = 60 km	eP 02 29 07
Banff	Banff	
eP 01 23 53	eP 01 23 53	NOVEMBER 7
Ottawa	Ottawa	Resolute
eP 01 26 07	eP 01 26 07	iP 02 33 57
Resolute	Resolute	
iP 01 23 10	iP 01 23 10	NOVEMBER 7
Seven Falls	Seven Falls	Resolute
eP 01 26 09	eP 01 26 09	iP 02 37 44
Shawinigan Falls	Shawinigan Falls	
eP 01 26 11	eP 01 26 11	
Victoria	Victoria	
eP 01 23 53	eP 01 23 53	

DOMINION OBSERVATORIES

NOVEMBER 7 Resolute iP 02 40 08 c	NOVEMBER 7 Resolute iP 03 55 39 c	NOVEMBER 7 Resolute eP 06 03 07
NOVEMBER 7 Resolute iP 02 45 07 (d)	NOVEMBER 7 Victoria eP 04 09 43	NOVEMBER 7 Resolute eP 06 34 54
NOVEMBER 7 Resolute eP 02 47 36	NOVEMBER 7 Resolute eP 04 28 46	NOVEMBER 7 Resolute iP 07 13 28
NOVEMBER 7 Resolute iP 02 52 33 c	NOVEMBER 7 Resolute iP 04 44 35 c	NOVEMBER 7 Resolute iP 07 22 42 (d)
NOVEMBER 7 U. S. C. G. S. 44 1/2N, 149 1/2E Kurile Islands aftershock H = 02 50 54 h = 60 km Ottawa eP 03 03 15 Resolute iP 03 00 14 c Shawinigan Falls eP 03 03 10	NOVEMBER 7 Resolute iP 04 51 03	NOVEMBER 7 U. S. C. G. S. 44 1/2N, 149E Kurile Islands aftershock H = 07 40 36 Alberni eP 07 50 23 d Banff iP 07 50 46 c Horseshoe Bay eP 07 50 35 Ottawa eP 07 52 59 Resolute iP 07 50 03 c Seven Falls eP 07 53 01 Shawinigan Falls iP 07 53 01 c Victoria eP 07 50 28
NOVEMBER 7 Resolute iP 03 28 03 c	NOVEMBER 7 U. S. C. G. S. 44 1/2N, 149 1/2E Kurile Islands aftershock H = 04 59 56 h = 60 km Ottawa eP 05 12 15 Resolute iP 05 09 17 c Seven Falls eP 05 12 16 Shawinigan Falls eP 05 12 15	NOVEMBER 7 Resolute iP 07 50 03 c Seven Falls eP 07 53 01 Shawinigan Falls iP 07 53 01 c Victoria eP 07 50 28
NOVEMBER 7 Resolute eP 03 33 45 c	NOVEMBER 7 Resolute iP 05 49 21	NOVEMBER 7 Resolute eP 08 20 54
NOVEMBER 7 Resolute iP 03 36 20 c	NOVEMBER 7 Resolute iP 05 56 38 d	



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NOVEMBER 7 Resolute eP 08 38 44	NOVEMBER 7 Resolute iP 11 18 29 c	NOVEMBER 7 Resolute eP 14 00 06
NOVEMBER 7 Resolute eP 09 21 20	NOVEMBER 7 U. S. C. G. S. 44 1/2N, 149 1/2E Kurile Islands aftershock H = 11 24 25 h = 60 km Halifax eL 12 07.0 Ottawa eP 11 36 56	NOVEMBER 7 Resolute eP 14 07 34
NOVEMBER 7 Resolute eP 09 25 54	Halifax eL 12 07.0 Ottawa eP 11 36 56	NOVEMBER 7 Resolute eP 14 23 36
NOVEMBER 7 Resolute eP 09 58 59	Resolute iP 11 33 46 c Seven Falls eP 11 37 00 Shawinigan Falls eP 11 36 59	NOVEMBER 7 Resolute iP 14 25 09
NOVEMBER 7 Resolute eP 10 19 12	Shawinigan Falls eP 11 36 59	NOVEMBER 7 Resolute iP 14 34 03
NOVEMBER 7 U. S. C. G. S. 44N, 148E Kurile Islands aftershock H = 10 29 17 Ottawa eP 10 41 45 Resolute iP 10 36 56 (d) Seven Falls eP 10 41 47 Shawinigan Falls eP 10 41 45 Victoria eP 10 39 14	NOVEMBER 7 Resolute eP 11 40 29	NOVEMBER 7 Resolute eP 14 49 34
	NOVEMBER 7 Resolute eP 12 38 14	NOVEMBER 7 Resolute iP 15 36 55
	NOVEMBER 7 Resolute iP 12 58 01 (c)	NOVEMBER 7 Resolute eP 16 18 11
	NOVEMBER 7 Resolute iP 13 29 37 c	NOVEMBER 7 Resolute iP 16 26 11 c
NOVEMBER 7 Resolute iP 10 55 38 c	NOVEMBER 7 Resolute iP 13 45 50 d	NOVEMBER 7 Resolute iP 16 32 11 c

DOMINION OBSERVATORIES

NOVEMBER 7
Resolute
iP 17 05 45 (c)

NOVEMBER 7
Resolute
eP 17 22 50

NOVEMBER 7
Resolute
eP 17 32 35

NOVEMBER 7
U. S. C. G. S.
44N, 148 1/2E
Kurile Islands
aftershock
H = 17 32 48
h = 60 km
Ottawa
eP 17 45 18
Resolute
iP 17 42 13 (d)
Shawinigan Falls
eP 17 45 22

NOVEMBER 7
Resolute
eP 19 04 33

NOVEMBER 7
Resolute
iP 19 23 33 c

NOVEMBER 7
U. S. C. G. S.
44 1/2N, 149 1/2E
Kurile Islands
aftershock
H = 19 14 31
Ottawa
eP 19 27 00

Resolute
iP 19 23 57 (d)
Seven Falls
eP 19 27 03
Shawinigan Falls
eP 19 27 01

NOVEMBER 7
Resolute
iP 19 27 27

NOVEMBER 7
Resolute
iP 20 40 43 (c)

NOVEMBER 7
Resolute
iP 20 44 18 c

NOVEMBER 7
Resolute
iP 20 50 49

NOVEMBER 7
Resolute
eP 21 34 54

NOVEMBER 7
Resolute
eP 21 40 51

NOVEMBER 7
Resolute
iP 22 18 46 d

NOVEMBER 7
Resolute
eP 23 15 29 c

NOVEMBER 8
Resolute
eP 00 00 26

NOVEMBER 8
Resolute
eP 00 21 33

NOVEMBER 8
Resolute
iP 00 22 27 d

NOVEMBER 8
Resolute
eP 01 13 13

NOVEMBER 8
U. S. C. G. S.
38 1/2N, 88W
Illinois-Indiana
border
H = 02 41 09
Ottawa
e(S) 02 45 50
L 02 47 00
Seven Falls
e 02 46 22
L 02 48 59
Shawinigan Falls
e 02 46 31
L 02 48 02

NOVEMBER 8
Resolute
eP 05 09 30

NOVEMBER 8
Resolute
iP 05 30 10

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 8
U. S. C. G. S.
52N, 159 1/2E
Off southeast coast
of Kamchatka
H = 09 22 53
Alberni
eP 09 31 22
Banff
eP 09 31 49
Horseshoe Bay
eP 09 31 25
Ottawa
iP 09 34 19 c
PP 09 37 01
Resolute
iP 09 31 09 c
eS 09 37 40
eL 09 41 09
Seven Falls
iP 09 34 22 c
Shawinigan Falls
iP 09 34 22 c
Victoria
eP 09 31 29

NOVEMBER 8
Resolute
eP 13 05 04

NOVEMBER 8
Resolute
iP 13 26 08 d

NOVEMBER 8
Resolute
iP 13 34 45 c

NOVEMBER 8
Resolute
iP 10 29 24 d

NOVEMBER 8
Resolute
iP 10 31 38 c

NOVEMBER 8
Resolute
iP 10 54 34 d

NOVEMBER 8
Resolute
iP 11 13 23

NOVEMBER 8
Resolute
iP 11 26 03

NOVEMBER 8
U. S. C. G. S.
44 1/2N, 149E
Kurile Islands
H = 12 08 30
Ottawa
iP 12 20 54 d
Resolute
iP 12 17 58 c
Seven Falls
eP 12 20 56
Shawinigan Falls
iP 12 20 55

NOVEMBER 8
Resolute
eP 19 50 10 (c)

NOVEMBER 8
Resolute
iP 22 56 45 d

NOVEMBER 9
Resolute
eP 00 12 06
iP 00 12 17

NOVEMBER 9
Resolute
iP 00 36 22 d

NOVEMBER 9
Resolute
eP 00 55 58

NOVEMBER 9
Resolute
eP 01 59 15

NOVEMBER 9
Resolute
eP 02 07 02

NOVEMBER 9
Resolute
iP 03 00 25

NOVEMBER 9
U. S. C. G. S.
44N, 148 1/2E
Kurile Islands
aftershock
H = 03 14 47

DOMINION OBSERVATORIES

Banff
eP 03 25 00
Ottawa
iP 03 27 14 c
Resolute
iP 03 24 17 d
Seven Falls
eP 03 27 16
Shawinigan Falls
eP 03 27 14
Victoria
iP 03 24 40

NOVEMBER 9
Resolute
eP 04 59 59

NOVEMBER 9
Resolute
iP 05 26 52.5 c

NOVEMBER 9
Resolute
eP 06 35 52

NOVEMBER 9
47.6N, 122.4W
Near Seattle
H = 07 47 37
Mag 2.1
Horseshoe Bay
eP 07 47 09.1
eS 07 47 34.2
D = 205 km or 293 km
Victoria
eP 07 46 53.4
eS 07 47 14.5
D = 137 km or 172 km

NOVEMBER 9
Resolute
eP 08 13 46

NOVEMBER 9
Resolute
eP 15 49 46

NOVEMBER 9
Resolute
eP 09 24 00

NOVEMBER 9
U. S. C. G. S.
44 1/2N, 150E
Kurile Islands
aftershock
H = 10 17 30
Resolute
eP 10 26 55
iP 10 26 56 d

NOVEMBER 9
Resolute
iP 10 28 35 c

NOVEMBER 9
Resolute
eP 11 14 23

NOVEMBER 9
Resolute
e 14 10 20
e 14 10 32

NOVEMBER 9
U. S. C. G. S.
44N, 148E
Kurile Islands
aftershock
H = 14 33 17
Ottawa
iP 14 45 55
Resolute
iP 14 42 48 d
Shawinigan Falls
eP 14 45 56

NOVEMBER 9
Resolute
eP 17 27 14

NOVEMBER 9
U. S. C. G. S.
44N, 148E
Kurile Islands
aftershock
H = 17 52 52
Ottawa
iP 18 05 20 d
Resolute
iP 18 02 24 c
Seven Falls
eP 18 05 21
Shawinigan Falls
eP 18 05 21 d

NOVEMBER 9
47°58'N, 79°58'W
A few miles from
Kirkland Lake, Ont.
Probably rockburst
H = 20 25 32.5
Mag 3.5
Montreal
iS₁ 20 28 10
D = 557 km
Ottawa
iP₁ 20 26 41.7
iS_n 20 27 18.4
iS₁ 20 27 34.2
D = 430 km
Seven Falls
iS₁ 20 28 48.1
D = 693 km
Shawinigan Falls
iS₁ 20 28 13
D = 566 km

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 9
47°58'N, 79°58'W
A few miles from
Kirkland Lake, Ont.
Probably rockburst
H = 20 40 37.4
Mag 3.5
Montreal
S₁ 20 43 15
D = 557 km
Ottawa
iP₁ 20 41 46.6
iS_n 20 42 23.4
iS₁ 20 42 39.2
D = 430 km
Seven Falls
S₁ 20 43 53.1
D = 593 km
Shawinigan Falls
S₁ 20 43 18
D = 566 km

NOVEMBER 9
Resolute
eP 21 09 20

NOVEMBER 9
U. S. C. G. S.
44N, 148E
Kurile Islands
aftershock
H = 21 04 46
Resolute
iP 21 14 18 c

NOVEMBER 10
Resolute
eP 00 58 05

NOVEMBER 10
Resolute
eP 03 45 54

NOVEMBER 10
Resolute
eP 04 13 45

NOVEMBER 10
Resolute
eP 05 43 24

NOVEMBER 10
Resolute
eP 06 26 17

NOVEMBER 10
U. S. C. G. S.
Pacific Ocean
foreshock
H = 06 58 00
Resolute
e(S) 07 20 46
eL 07 33 00

NOVEMBER 10
Resolute
eP 20 04 10 d

NOVEMBER 10
Resolute
eP 21 28 30

NOVEMBER 10
Resolute
iP 21 29 13

NOVEMBER 10
Resolute
iP 21 52 15

NOVEMBER 10
Resolute
eP 23 26 40

NOVEMBER 11
Resolute
eP 00 30 37

NOVEMBER 11
Resolute
eP 00 40 01

NOVEMBER 11
Resolute
eP 00 58 38

NOVEMBER 11
Resolute
eP 02 25 11

DOMINION OBSERVATORIES

NOVEMBER 11 Resolute eP 03 36 34	NOVEMBER 11 Resolute iP 19 01 (13)	NOVEMBER 12 U.S.C.G.S. 9 1/2N, 70W Venezuela H = 06 09 10 Ottawa eP 06 16 16 Resolute eP 06 20 02 eL 06 40 Shawinigan Falls iP 06 16 25 d
NOVEMBER 11 Resolute eP 04 01 12	NOVEMBER 11 Resolute iP 19 36 37 c	
NOVEMBER 11 Resolute eP 04 41 22	NOVEMBER 11 Resolute eP 19 41 36	
NOVEMBER 11 Resolute eP 07 47 50	NOVEMBER 11 Resolute eP 22 01 43	NOVEMBER 12 Resolute eP 09 59 18
NOVEMBER 11 Ottawa eP 11 28 03 Resolute eP 11 29 17 e 11 30 - e 11 38 30 e 11 42 - eL 11 50	NOVEMBER 11 Resolute eP 22 55 04	NOVEMBER 12 Resolute eP 10 33 53
NOVEMBER 11 Resolute eP 12 53 52	NOVEMBER 11 U.S.C.G.S. 22S, 69W Near coast of Northern Chile H = 22 37 46 Resolute eS 23 02 55 eL 23 22 30	NOVEMBER 12 U.S.C.G.S. 7S, 156E Solomon Islands H = 10 39 47 h = 100 km Ottawa eP' 10 58 34 Resolute eP 10 53 34 PP 10 57 55 SKKS 11 04 40 PS 11 07 -
NOVEMBER 11 Resolute iP 13 55 06 d	NOVEMBER 12 U.S.C.G.S. 19 1/2N, 122E Off north coast of Luzon, Philippine Islands H = 03 58 21 Resolute iP 04 10 50 c	NOVEMBER 12 Seven Falls eP' 10 58 39 Shawinigan Falls eP' 10 58 37
NOVEMBER 11 Resolute iP 18 02 00 c		NOVEMBER 12 Resolute eP 11 36 43

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 12 Resolute eP 12 47 34	eS 20 41 09 Ottawa eP 20 35 50 e 20 39 30 e 20 40 08 S 20 46 02 e 20 46 22 SS 20 52 08 e 20 52 22 SSS 20 55 00 L 20 59 42 Resolute iP 20 32 53 c iS 20 40 24 Saskatoon eP 20 34 04 e 20 42 43 Seven Falls eP 20 35 48 PP 20 39 02 S 20 46 06 Shawinigan Falls eP 20 35 51 PP 20 39 04 S 20 46 03 Victoria iP 20 33 18 c,S,E iS 20 41 09 L 20 47.4	NOVEMBER 12 Resolute eP 21 53 57
NOVEMBER 12 U.S.C.G.S. 44N, 148 1/2E Kurile Islands aftershock H = 17 44 11 Resolute iP 17 53 42 d		NOVEMBER 12 Resolute eP 22 15 21
NOVEMBER 12 Resolute eP 18 01 33		NOVEMBER 12 U.S.C.G.S. 45N, 149 1/2E Kurile Islands aftershock H = 22 59 36 Resolute iP 23 08 57 d
NOVEMBER 12 U.S.C.G.S. 44N, 149E Kurile Islands aftershock H = 18 36 49 Resolute eP 18 46 17		NOVEMBER 12 U.S.C.G.S. 44N, 149E Kurile Islands aftershock H = 23 32 00 Resolute iP 23 41 28.5 c
NOVEMBER 12 Resolute eP 19 25 53	NOVEMBER 12 Resolute eP 21 09 09	NOVEMBER 13 Resolute eP 00 18 49
NOVEMBER 12 U.S.C.G.S. 44 1/2N, 148 1/2E Kurile Islands aftershock H = 20 23 26 Mag 6 3/4 - 7 Halifax iP 20 36 14 iPP 20 39 55 d iPS 20 48 07 iS 20 46 37 iSS 20 52 43 Horseshoe Bay eP 20 33 16	NOVEMBER 12 U.S.C.G.S. 44N, 148 1/2E Kurile Islands aftershock H = 21 23 20 Resolute iP 21 32 46 d	NOVEMBER 13 Resolute eP 01 16 22
	NOVEMBER 12 Resolute iP 21 35 08 c	NOVEMBER 13 U.S.C.G.S. 44N, 148 1/2E Kurile Islands aftershock H = 02 56 26 Ottawa eP 03 08 53

DOMINION OBSERVATORIES

Resolute
iP 03 05 56 c
eS 03 13 40
Shawinigan Falls
eP 03 08 56

NOVEMBER 13
Resolute
eP 03 47 24

NOVEMBER 13
U. S. C. G. S.
44 1/2N, 148E
Kurile Islands
aftershock
H = 04 04 37
Ottawa
eP 04 17 03
Resolute
iP 04 14 05 c
iS 04 21 35
Seven Falls
eP 04 17 04
Shawinigan Falls
iP 04 17 04 c

NOVEMBER 13
Resolute
iP 04 41 37

NOVEMBER 13
U. S. C. G. S.
Kurile Islands
aftershock
H = 05 09 35
Resolute
iP 05 19 04 (c)
i 05 20 21

NOVEMBER 13
U. S. C. G. S.
43 1/2N, 139E
Off west coast of
Hokkaido, Japan
H = 05 59 53
Resolute
eP 06 09 40

NOVEMBER 13
Resolute
iP 06 24 14 (d)

NOVEMBER 13
U. S. C. G. S.
9N, 93 1/2E
Nicobar Islands
H = 16 16 25
Resolute
iP 16 29 57 d
Shawinigan Falls
eP' 16 35 25

NOVEMBER 13
Resolute
iP 17 24 44 (c)
i 17 26 34

NOVEMBER 13
Resolute
iP 17 34 48 c

NOVEMBER 13
U. S. C. G. S.
44N, 148E
Kurile Islands
aftershock
H = 18 34 22
Resolute
iP 18 43 51

NOVEMBER 13
U. S. C. G. S.
Kurile Islands
aftershock
H = 10 55 56
Ottawa
iP 11 08 36

Resolute
iP 11 05 27 d

NOVEMBER 13
Resolute
eP 15 41 21

NOVEMBER 13
Resolute
eP 16 17 23

NOVEMBER 13
U. S. C. G. S.
9N, 93 1/2E
Nicobar Islands
H = 16 16 25
Resolute
iP 16 29 57 d
Shawinigan Falls
eP' 16 35 25

NOVEMBER 13
Resolute
iP 17 24 44 (c)
i 17 26 34

NOVEMBER 13
Resolute
iP 17 34 48 c

NOVEMBER 13
U. S. C. G. S.
44N, 148E
Kurile Islands
aftershock
H = 18 34 22
Resolute
iP 18 43 51

NOVEMBER 13
U. S. C. G. S.
Kurile Islands
aftershock
H = 10 55 56
Ottawa
iP 11 08 36

NOVEMBER 13
Resolute
iP 19 51 14
i 19 53 17

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 13
Resolute
eP 21 46 37

NOVEMBER 13
Resolute
iP 22 14 02(c)

NOVEMBER 13
Resolute
eP 22 25 40

NOVEMBER 13
48°33'N, 121°33'W
Southeast of Mount
Baker
H = 22 56 42
Mag 2.2
Horseshoe Bay
eP 22 57 06.4
eS 22 57 35.7
D = 157 km
Victoria
iP 22 57 03.6
iS 22 57 20.2
D = 136 km

NOVEMBER 13
U. S. C. G. S.
Kurile Islands
aftershock
H = 23 08 50
Resolute
eP 23 18 19

NOVEMBER 13
Resolute
eP 23 57 38

NOVEMBER 14
Resolute
eP 01 02 30

NOVEMBER 14
Resolute
eP 02 39 09

NOVEMBER 14
Canadian Arctic
H = 04 21 07.1
Mag 0.7
Resolute
iP₁ 04 21 11
iS₁ 04 21 14
D = 24.6 km

NOVEMBER 14
U. S. C. G. S.
36S, 102W
South Pacific Ocean
H = 05 04 25
Ottawa
eP 05 17 07
Resolute
eS 05 31 17
SS 05 38 30
L 05 49
Shawinigan Falls
eP 05 17 11

NOVEMBER 14
U. S. C. G. S.
44N, 149E
Kurile Islands
aftershock
H = 05 34 53
Ottawa
iP 05 47 17 d
Resolute
eP 05 44 19
iP 05 44 20(c)

NOVEMBER 14
Seven Falls
eP 05 47 19
Shawinigan Falls
eP 05 47 18

NOVEMBER 14
U. S. C. G. S.
14 1/2N, 91 1/2W
Guatemala
H = 05 46 34
h = 150 km
Alberni
eP 05 54 34
Horseshoe Bay
eP 05 54 28 c
Ottawa
iP 05 53 05 d
Resolute
eP 05 56 30
P_cP 05 57 17
Seven Falls
eP 05 53 32
Shawinigan Falls
eP 05 53 24
i 05 53 40
Victoria
iP 05 54 22 d

NOVEMBER 14
Resolute
eP 07 31 18

NOVEMBER 14
Resolute
eP 09 01 58
e 09 02 08

NOVEMBER 14
Resolute
eP 12 04 03

NOVEMBER 14
U. S. C. G. S.
6S, 131E
Banda Sea
H = 13 48 20
Halifax
eP' 14 07 45 c
e(SS) 14 29 12



DOMINION OBSERVATORIES

Seven Falls
eP 22 49 18 d
Shawinigan Falls
eP 22 49 11

NOVEMBER 17
Resolute
eP 00 27 25

NOVEMBER 17
Resolute
eP 00 32 45

NOVEMBER 17
Resolute
eP 03 05 37

NOVEMBER 17
Resolute
iP 03 54 20 c

NOVEMBER 17
U. S. C. G. S.
10 1/2S, 162 1/2E
Solomon Islands
H = 09 46 30
Halifax
iP' 10 05 39
Ottawa
iP' 10 05 23
Resolute
PP 10 04 51
eS 10 12 24
PS 10 14 00
SS 10 19 40
L 10 34
Seven Falls
eP' 10 05 29
Shawinigan Falls
iP' 10 05 26

NOVEMBER 17
U. S. C. G. S.
44 1/2N, 148 1/2E
Kurile Islands
aftershock
H = 15 34 23
Ottawa
eP 15 46 48
Resolute
eP 15 43 51 c
iP 15 43 52 d
eL 16 04 (30)

NOVEMBER 17
Resolute
iP 16 29 49 c
e 16 30 14

NOVEMBER 17
Resolute
eP 18 18 02

NOVEMBER 17
Canadian Arctic
H = 19 43 18.6
Mag 0.6
Resolute
iP₁ 19 43 31.5
iS₁ 19 43 41.5
D = 80.3 km

NOVEMBER 17
Resolute
eP 22 20 56
e 22 21 09

NOVEMBER 18
Resolute
eP 02 15 01

NOVEMBER 18
U. S. C. G. S.
50 1/2N, 179E
Andreanof Islands
Aleutian Islands
H = 07 45 20
Halifax
eL 08 21.0
Ottawa
eP 07 55 58
Resolute
eP 07 53 01 c
iP 07 53 02 d
eS 07 59 10
Seven Falls
eP 07 56 06
Shawinigan Falls
eP 07 55 58
Victoria
eP 07 52 26

NOVEMBER 18
Resolute
iP 07 58 51 c
eP 07 59 39 c

NOVEMBER 18
Resolute
eP 08 02 42

NOVEMBER 18
U. S. C. G. S.
51 1/2N, 178 1/2E
Aleutian Islands
aftershock
H = 07 56 31
Resolute
eP 08 04 12

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 18
U. S. C. G. S.
Aleutian Islands
aftershock
H = 07 59 48
Resolute
eP 08 07 27

NOVEMBER 18
Resolute
iP 13 54 15 c

NOVEMBER 18
Resolute
eP 15 06 49

NOVEMBER 18
U. S. C. G. S.
44N, 149E
Kurile Islands
aftershock
H = 18 33 00
Resolute
iP 18 42 29

NOVEMBER 18
Resolute
eP 19 10 51

NOVEMBER 19
U. S. C. G. S.
27 1/2S, 63 1/2W
Santiago del Estero
Province, Argentina
H = 01 35 06
h = 600 km
Halifax
eP 01 45 34.5 d
iP 01 45 35 c

Ottawa
iP 01 45 43 d
Resolute
eP 01 48 10
PP 01 52 38
sPP 01 55 36
PKKP 02 03 56
sSP 02 04 18
Seven Falls
iP 01 45 49 d

NOVEMBER 19
U. S. C. G. S.
44N, 149E
Kurile Islands
aftershock
H = 03 08 54
Resolute
eP 03 18 22

NOVEMBER 19
U. S. C. G. S.
31S, 179W
Kermadec Islands
H = 03 53 56
Resolute
eP' 04 12 39
SKKS 04 20 34

NOVEMBER 19
U. S. C. G. S.
43 1/2N, 148 1/2E
Kurile Islands
aftershock
H = 05 18 52
Resolute
eP 05 28 34 d

NOVEMBER 19
Resolute
iP 05 34 13 c

NOVEMBER 19
U. S. C. G. S.
44N, 149E
Kurile Islands
aftershock
H = 09 23 51
h = 60 km
Halifax
eP 09 36 35 (c)
eS 09 46 57
ePS 09 48 05
eSSS 10 05.2
Horseshoe Bay
eP 09 33 36
i 09 33 49 c
Ottawa
eP 09 36 11 c
Resolute
eP 09 33 15 c
Seven Falls
eP 09 36 13
Victoria
eP 09 33 37
i 09 33 51

NOVEMBER 19
Resolute
eP 12 44 13 d

NOVEMBER 19
Resolute
iP 13 14 50.5 d

NOVEMBER 19
U. S. C. G. S.
60 1/2N, 150 1/2W
Kenai Peninsula,
Alaska
H = 15 02 15
h = 60 km

DOMINION OBSERVATORIES

Ottawa
iP 15 10 28 d
Resolute
iP 15 07 31 d
iS 15 11 49
Seven Falls
iP 15 10 36 d
P_cP 15 12 11

NOVEMBER 19
Resolute
eP 17 39 31 d
iP 17 39 32 c

NOVEMBER 19
Resolute
eP 19 31 06

NOVEMBER 20
Resolute
eP 01 47 59

NOVEMBER 20
U. S. C. G. S.
45N, 149 1/2E
Kurile Islands
aftershock
H = 14 18 04
h = 60 km
Banff
eP 14 (27) d
Halifax
eL 15 00.0
Horseshoe Bay
eP 14 27 43
Ottawa
iP 14 30 18 c
Resolute
iP 14 27 20 c
eS 14 34 46
Seven Falls
eP 14 30 21
Shawinigan Falls
eP 14 30 19 c
Victoria
eP 14 27 43

NOVEMBER 20
U. S. C. G. S.
44N, 149E
Kurile Islands
aftershock
H = 06 31 20
Resolute
eP 06 40 50 d

NOVEMBER 20
Resolute
eP 06 43 57

NOVEMBER 20
Resolute
eP 10 52 04 (c)
iP 10 52 05 d
e 10 54 15

NOVEMBER 20
U. S. C. G. S.
52N, 177W
Andreanof Islands,
Aleutian Islands
H = 23 03 40
Resolute
P_cP 23 13 16 d
(SS) 23 20 13

NOVEMBER 21
Resolute
eP 01 41 22

NOVEMBER 21
U. S. C. G. S.
48 1/2N, 146 1/2E
Off coast of
Sakhalin
H = 01 41 43
h = 400 km
Ottawa
eP 01 53 11 c
Resolute
iP 01 50 08 c
P_cP 01 51 19 c
Shawinigan Falls
iP 01 53 11

NOVEMBER 21
Resolute
iP 10 12 03 c

NOVEMBER 20
Resolute
eP 17 50 37 c
iP 17 50 38 c

SEISMOLOGICAL BULLETIN - 1958

NOVEMBER 21
Resolute
eP 13 40 (23)
e 13 43 (16)

NOVEMBER 21
Resolute
iP 15 07 21 c

NOVEMBER 22
U. S. C. G. S.
10 1/2S, 112 1/2E
South of Java
H = 00 04 20
Halifax
iP' 00 24 06 c
ePP 00 27 26
ePS 00 37 46
ePPS 00 40 15
Ottawa
iP' 00 24 00
Resolute
iP' 00 23 03 c
Seven Falls
eP' 00 23 56
Shawinigan Falls
iP' 00 23 59 c

NOVEMBER 22
Resolute
e 01 01 (15)

NOVEMBER 22
U. S. C. G. S.
4S, 131 1/2E
Ceram Island
region
H = 01 56 56
Resolute
eP 02 11 (10)
PP 02 15 06

NOVEMBER 21
Resolute
eP 17 50 37 c
iP 17 50 38 c

NOVEMBER 22
Resolute
iP 05 04 22 d

NOVEMBER 22
Resolute
eP 07 07 51

NOVEMBER 22
Resolute
iP 13 00 09

NOVEMBER 22
Resolute
eP 21 02 43

NOVEMBER 22
Resolute
eP 22 30 26

NOVEMBER 22
Resolute
eP 22 54 06

NOVEMBER 23
U. S. C. G. S.
2 1/2S, 79W
Ecuador
H = 03 20 52
Seven Falls
eP 03 29 48

NOVEMBER 23
Resolute
iP 12 07 38 c

NOVEMBER 23
Resolute
eP 13 51 56
e 13 52 09

NOVEMBER 23
49°46'N, 123°40'W
Strait of Georgia
H = 14 40 58
Mag 2.1
Alberni
iP 14 41 11.9
e (S) 14 41 22.2
D = 85 km
Horseshoe Bay
eP 14 41 03.5
eS 14 41 05.7
D = 32 km

NOVEMBER 23
Resolute
eP 17 07 31

NOVEMBER 23
Resolute
eP 18 10 02.5 d
iP 18 10 03 c

NOVEMBER 23
Resolute
eP 18 31 57

DOMINION OBSERVATORIES

NOVEMBER 23
U. S. C. G. S.
51N, 175 1/2W
Andreanof Islands,
Aleutian Islands
H = 22 19 23
Ottawa
eP 22 29 40 c
Resolute
eP 22 26 49
Seven Falls
eP 22 29 47

NOVEMBER 23
Resolute
iP 22 29 02 c
e 22 29 16

NOVEMBER 23
U. S. C. G. S.
51 1/2N, 174 1/2W
Andreanof Islands,
Aleutian Islands
H = 23 37 30
Ottawa
eP 23 47 47
Resolute
eP 23 44 56
Seven Falls
eP 23 47 54
Shawinigan Falls
iP 23 47 51 d

NOVEMBER 24
Resolute
eP 23 47 09 c
e 23 47 23

NOVEMBER 24
Mid Gulf of Georgia
H = 04 17 44
Mag 2.4
Alberni
P 04 18 03.1
e 04 18 17.1
D = 122 km

Horseshoe Bay
iP 04 17 54.8
iS 04 18 02.4
D = 70 km

NOVEMBER 24
U. S. C. G. S.
57 1/2S, 65 1/2W
Drake Passage
H = 06 48 57
Resolute
eP' 07 08 17
SS 07 28 30

NOVEMBER 24
Resolute
eP 09 15 02

NOVEMBER 24
Resolute
eP 12 11 35

NOVEMBER 24
Resolute
eP 14 38 27

NOVEMBER 24
Resolute
eP 17 55 38 (c)

NOVEMBER 24
Resolute
eP 20 35 26

NOVEMBER 24
U. S. C. G. S.
17 1/2N, 61W
Leeward Islands
H = 22 26 56
Ottawa
eP 22 33 14 c
Resolute
eP 22 37 06.5 c
iP 22 37 07 d

Seven Falls
eP 22 33 17
Shawinigan Falls
eP 22 33 16 c

NOVEMBER 25
U. S. C. G. S.
43N, 1/2W
Southwestern France
H = 02 23 57
Resolute
eP 02 32 51
Seven Falls
eP 02 32 39

NOVEMBER 25
Resolute
iP 02 50 00 d

NOVEMBER 25
Resolute
eP 04 56 33

NOVEMBER 25
Resolute
eP 05 31 34

NOVEMBER 25
U. S. C. G. S.
36 1/2N, 141 1/2E
Near east coast of
Honshu, Japan
H = 09 12 54
Resolute
iP 09 23 24 c
eS 09 32 04

NOVEMBER 25
U. S. C. G. S.
10 1/2S, 112 1/2E
South of Java
H = 00 17 09
Ottawa
eP' 00 36 48
Resolute
eP' 00 35 52
Shawinigan Falls
eP' 00 36 45

NOVEMBER 25
U. S. C. G. S.
10 1/2S, 113E
South of Java
H = 13 14 40
Ottawa
iP' 13 34 19 c



SEISMOLOGICAL BULLETIN - 1958

Seven Falls
eP' 13 34 16

NOVEMBER 25
Resolute
eP 14 12 26
e 14 20 26

NOVEMBER 25
Resolute
iP 16 10 36 c

NOVEMBER 25
Victoria
eP 22 36 55 c

NOVEMBER 25
Resolute
eP 23 24 15

NOVEMBER 26
U. S. C. G. S.
10 1/2S, 112 1/2E
South of Java
H = 00 17 09
Ottawa
eP' 00 36 48
Resolute
eP' 00 35 52
Shawinigan Falls
eP' 00 36 45

NOVEMBER 26
Resolute
eP 00 58 49

NOVEMBER 26
Resolute
iP 01 56 59

NOVEMBER 26
U. S. C. G. S.
45N, 149E
Kurile Islands
aftershock
H = 09 13 37
Resolute
eP 09 23 00 c
iP 09 23 00.5 c
eL 09 35

NOVEMBER 26
Resolute
e 22 05 26
eP 22 10 44 c
e 22 15 04

NOVEMBER 26
Resolute
eP 22 34 19

NOVEMBER 27
Resolute
eP 07 01 30

NOVEMBER 27
Resolute
eP 07 45 26

NOVEMBER 27
U. S. C. G. S.
About 300 miles
northeast of
Balleny Islands
H = 13 41 47
Resolute
eP' 14 01 37

NOVEMBER 27
Resolute
iP 16 05 41 c

NOVEMBER 27
Resolute
eP 16 30 12

NOVEMBER 28
Resolute
eP 05 00 (33)

NOVEMBER 28
Resolute
eP 08 34 30
iP 08 34 31 d

NOVEMBER 28
Resolute
eP 09 43 41 d
iP 09 43 42 c

NOVEMBER 28
Resolute
iP 12 48 18 c
e 12 50 48

NOVEMBER 28
Resolute
eP 19 17 44

NOVEMBER 28
48°38'N, 123°07'W
Gulf Islands
H = 22 32 48
Mag 1.9
Alberni
eP 22 33 10.1
D = 138 km
Horseshoe Bay
eP 22 33 01.3
eS 22 33 10.9
D = 83 km
Victoria
iP 22 32 51.3
iS 22 32 54.4
D = 20 km

DOMINION OBSERVATORIES

NOVEMBER 29 Resolute eP 01 29 44

NOVEMBER 29 U.S. C. G. S. 44 1/2N, 149E Kurile Islands aftershock H = 03 34 47 Resolute eP 03 44 16

NOVEMBER 29 Resolute eP 13 56 44 e 14 02 33 e 14 03 05

NOVEMBER 29 Resolute eP 23 28 38.5

NOVEMBER 30 U.S. C. G. S. 32N, 137 1/2E South of Honshu Japan H = 01 32 41 Mag 6 Ottawa eP 01 46 09 Resolute iP 01 43 37 d iS 01 52 30 SS 01 57 (12) L 02 00 16 Shawinigan Falls eP 01 46 09 Victoria iP 01 43 53 d, S, E

NOVEMBER 30 U.S. C. G. S. 32N, 137 1/2E Honshu aftershock H = 01 55 28 Resolute iP 02 06 25 d e 02 06 38

NOVEMBER 30 Resolute eP 03 35 40

NOVEMBER 30 Resolute eP 09 13 08

NOVEMBER 30 Resolute eP 09 50 00

NOVEMBER 30 Resolute iP 15 38 29 d

NOVEMBER 30 Resolute iP 20 03 23 c

DECEMBER 1 U.S. C. G. S. 32.3N, 115.8W California - Mexico border H = 03 21 17 Mag 5.7 Ottawa eP 03 28 03 Resolute eP 03 29 26 eL 03 43 Seven Falls eP 03 28 32

Victoria eP 03 25 23

DECEMBER 1 U.S. C. G. S. Pacific Ocean about 700 miles southeast of Easter Island H = 04 45 28 Ottawa eP 04 58 02

DECEMBER 1 U.S. C. G. S. 32 1/2N, 115 1/2W California-Mexico border aftershock H = 06 02 30 Mag 5.6 Ottawa eP 06 09 12 Resolute eP 06 10 36

DECEMBER 1 U.S. C. G. S. 30 1/2N, 41W North Atlantic Ocean H = 07 21 53 Resolute eP 07 30 01

DECEMBER 1 Resolute eP 09 33 43

DECEMBER 1 U.S. C. G. S. 44 1/2N, 150E Kurile Islands H = 14 15 37 Resolute eP 14 25 01.5 d iP 14 25 02 c



SEISMOLOGICAL BULLETIN - 1958

DECEMBER 1 Resolute eP 15 12 48

DECEMBER 1 Canadian Arctic H = 19 22 13.6 Mag 1.2 Resolute iP₁ 19 22 23.5 iS₁ 19 22 31.0 D = 61.5 km

DECEMBER 1 Resolute eP 19 33 04 (c)

DECEMBER 1 Resolute eP 20 22 47.5 (d) e 20 25 37

DECEMBER 2 U.S. C. G. S. 44N, 149E Kurile Islands H = 01 12 22 Resolute iP 01 21 50 c e 01 22 05 e 01 23 12 S_c 01 31 41 L 01 37

DECEMBER 2 Resolute eP 04 20 50 iP 04 23 01 c

DECEMBER 2 Resolute iP 05 11 23 c

DECEMBER 2 Resolute eP 07 52 03 c

DECEMBER 2 U.S. C. G. S. 40 1/2N, 125W Off coast of Northern California H = 17 43 30 Mag 4 - 4 1/4 Resolute eP 17 50 44 eL 17 00 27 Seven Falls eP 17 50 59

DECEMBER 2 Resolute eP 20 26 59 (d)

DECEMBER 2 Resolute eP 21 09 08 d

DECEMBER 2 Resolute eP 21 11 14

DECEMBER 2 Resolute eP 23 16 45

DECEMBER 3 U.S. C. G. S. 27N, 86E Nepal H = 02 23 40 Resolute eP 02 35 42 c

DECEMBER 3 Resolute eP 08 08 37

DECEMBER 3 Resolute eP 08 29 53

DECEMBER 3 Resolute eP 09 41 03

DECEMBER 3 U.S. C. G. S. 19N, 121 1/2E Near north coast of Luzon, Philippine Islands H = 09 48 26 Resolute iP 10 00 56 c eS 10 11 13 SS 10 16 35

DECEMBER 3 Resolute eP 10 11 11

DOMINION OBSERVATORIES

DECEMBER 3
U. S. C. G. S.
29N, 138 1/2E
South of Honshu,
Japan
H = 16 00 58
h = 550 km
Resolute
iP 16 11 26 c

DECEMBER 3
Resolute
eP 18 29 51

DECEMBER 4
Resolute
eP 07 42 05

DECEMBER 4
Resolute
eP 07 48 28

DECEMBER 4
Resolute
eP 12 41 42

DECEMBER 4
U. S. C. G. S.
14N, 91 1/2W
Near coast of
Guatemala
H = 12 34 34
h = 100 km
Resolute
iP 12 44 38
Seven Falls
eP 12 41 40
Shawinigan Falls
eP 12 41 30

DECEMBER 4
Resolute
eP 17 27 44

DECEMBER 4
Resolute
eP 17 39 48

DECEMBER 4
49°26'N, 123°56'W
Sechelt Peninsula
Area
H = 17 45 47
Mag 2.2

Alberni
iP 17 45 58.1
e 17 46 01
D = 71 km

Horseshoe Bay
iP 17 45 54.7 c
i 17 46 02.0
i 17 46 06.1
D = 50 km
Victoria
eP 17 46 04.2
eS 17 46 18.9
D = 110 km

DECEMBER 4
49°21'N, 123°52'W
Gulf of Georgia
H = 18 00 51
Mag 2.1

Alberni
iP 18 01 02.7
e 18 01 05.5
D = 71 km

Horseshoe Bay
iP 18 00 58.6
D = 45 km

DECEMBER 4
49°28'N, 123°55'W
Gulf of Georgia
H = 18 13 20
Alberni
iP 18 13 30.8
i 18 13 33.4
D = 71 km

Horseshoe Bay
iP 18 13 27.2 c
eS 18 13 34.1
D = 48 km
Victoria
eP 18 13 37.0
D = 110 km

DECEMBER 4
U. S. C. G. S.
11 1/2N, 86 1/2W
Near coast of
Nicaragua
H = 19 19 23
h = 100 km

Ottawa
eP 19 26 11
Resolute
eP 19 29 47
pPPP 19 34 07
eS 19 38 16
sS 19 39 04

Seven Falls
eP 19 26 38
Shawinigan Falls
eP 19 26 29

DECEMBER 5
Resolute
eP 15 33 21

DECEMBER 5
Resolute
eP 19 39 10

DECEMBER 5
Resolute
eP 21 58 18

DECEMBER 5
Resolute
eP 23 46 01

SEISMOLOGICAL BULLETIN - 1958

DECEMBER 6
Resolute
eP 07 34 09
e 07 34 41

DECEMBER 6
Resolute
eP 07 47 10

DECEMBER 6
U. S. C. G. S.
6 1/2N, 83W
South of Panama
H = 09 33 45
Mag 6 - 6 1/4

Alberni
eP 09 43 25 (c)

Halifax
eS 09 47 52
eSS 09 50 57

Horseshoe Bay
eP 09 43 17 (c)

Ottawa
iP 09 41 16
i 09 41 32
PP 09 42 48
S 09 47 18
G 09 49 40
L 09 50 08

Resolute
eP 09 44 49
iP 09 44 50 c
iS 09 53 51
S_cS 09 54 48
L 10 01 25

Seven Falls
eP 09 41 38
S 09 47 59
G 09 51 17

Shawinigan Falls
eP 09 41 30
i 09 41 47

Victoria
eP 09 43 15 c
eS 09 50 56

DECEMBER 6
Resolute
eP 09 56 19
iP 09 56 23 c

DECEMBER 6
Resolute
eP 10 03 26
iP 10 03 28 c

DECEMBER 6
Resolute
eP 15 10 48

DECEMBER 6
49°04'N, 122°54'W

Boundary Bay
H = 21 09 59
Mag 2.5

Alberni
iP 21 10 21.8 d
iS 21 10 39.2
D = 145 km

Horseshoe Bay
iP 21 10 05.6
iS 21 10 11.7
D = 50 km

Victoria
iP 21 10 10.3 d
eS 21 10 18.7
D = 69 km

DECEMBER 6
Resolute
eP 21 13 37

DECEMBER 6
Resolute
eP 21 13 37

DECEMBER 6
U. S. C. G. S.
33N, 141E
South of Honshu,
Japan
H = 22 35 43
Resolute
eP 22 46 35

DECEMBER 7
U. S. C. G. S.
54N, 169E
Komandorskie Islands
region
H = 00 06 07
Resolute
eP 00 13 48
eL 00 23

DECEMBER 7
Resolute
eP 00 52 39
iP 00 52 40

DECEMBER 7
U. S. C. G. S.
21 1/2N, 121E
Off south coast of
Formosa
H = 01 09 18
Resolute
iP 01 21 37 c

DECEMBER 7
U. S. C. G. S.
21 1/2N, 121 1/2E
Off south coast of
Formosa
H = 01 43 51
Resolute
iP 01 56 10 c
PPP 02 01 07
eS 02 06 06

DOMINION OBSERVATORIES

DECEMBER 7 U. S. C. G. S. 4N, 127E Talaud Islands H = 02 45 49 Resolute eP 02 59 29 d SKS 03 10 02 eS 03 10 46 SS 03 17 34 Seven Falls eP' 03 04 56	Alberni iP 14 43 21.5 iS 14 43 38.8 D = 141 km Horseshoe Bay iP 14 43 07.4 iS 14 43 13.6 D = 51 km Victoria iP 14 43 11.3 D = 76 km	Seven Falls eP 18 05 44 S 18 11 52 SS 18 14 52 L 18 19 48 Shawinigan Falls eP 18 05 30
DECEMBER 7 Resolute eP 04 50 32	DECEMBER 7 Resolute iP 15 24 27	DECEMBER 7 49°03'N, 123°11'W Gulf of Georgia H = 22 23 09 Alberni eP 20 23 29.6 iS 20 23 47.1 D = 143 km Horseshoe Bay iP 20 23 15.6 iS 20 23 21.4 D = 47 km Victoria iP 20 23 19.8 d D = 77 km
DECEMBER 7 Resolute eP 05 09 46	DECEMBER 7 Resolute eP 17 51 45 eS 17 59 34 eL 18 05	
DECEMBER 7 U. S. C. G. S. Bismarck Sea H = 06 21 46 Resolute e 06 44 17 e 06 53 40 e 06 58 08	DECEMBER 7 U. S. C. G. S. 18N, 105W Off coast of Mexico H = 17 58 08 Mag 6 Halifax e(S) 18 12 47 e(SS) 18 16 02 Ottawa eP 18 05 11 P _c P 18 07 41 S 18 10 56 SS 18 13 26 S _c S 18 15 24 L 18 17 36	DECEMBER 8 Resolute eP 02 33 52
DECEMBER 7 Resolute eP 09 03 34 d	DECEMBER 7 Resolute eP 18 07 46 eS 18 15 40 sS 18 16 15 SS 18 19 34 SSS 18 22 00 Saskatoon e 18 02 01 NW	DECEMBER 8 U. S. C. G. S. 13S, 167E New Hebrides Islands H = 03 10 17 h = 200 km Resolute PP 03 28 17
DECEMBER 7 Resolute eP 13 49 12		DECEMBER 8 U. S. C. G. S. 38N, 97 1/2E Tsaidam Basin, China H = 07 17 19 Resolute eP 07 28 19
DECEMBER 7 49°03'N, 123°10'W Gulf of Georgia H = 14 43 01 Mag 2. 2		

SEISMOLOGICAL BULLETIN - 1958

DECEMBER 8 U. S. C. G. S. 44N, 149E Kurile Islands H = 11 42 10 Resolute iP 11 51 38 c	DECEMBER 9 Resolute eP 09 04 58	DECEMBER 9 U. S. C. G. S. 8 1/2N, 83W Costa Rica- Panama border H = 19 03 05 Resolute iP 19 13 56 c eL 19 32
DECEMBER 8 U. S. C. G. S. 44N, 149 1/2E Kurile Islands H = 12 08 23 Ottawa eP 12 20 45 Resolute iP 12 17 47.5 c iP 12 17 48 d eS 12 25 17 S _c S 12 27 48 eL 12 31 Shawinigan Falls eP 12 20 45	DECEMBER 9 U. S. C. G. S. 14 1/2S, 167E New Hebrides Islands H = 12 17 47 Ottawa eP 12 36 37 Resolute PP 12 36 23 eL 13 01 36 Seven Falls eP' 12 36 45	DECEMBER 9 U. S. C. G. S. 35N, 28E Dodecanese Islands region H = 20 41 31 Ottawa eP 20 53 14 Resolute iP 20 52 08 (c) Seven Falls iP 20 52 50 c Shawinigan Falls iP 20 53 00 c
DECEMBER 8 Resolute iP 13 08 31 c	DECEMBER 9 Alberni eP 15 43 15 Horseshoe Bay eP 15 43 31 Victoria eP 15 43 38	DECEMBER 9 Resolute eP 23 09 54
DECEMBER 8 Resolute eP 13 41 39	DECEMBER 10 Resolute eP 02 52 52 e 02 58	
DECEMBER 8 Resolute eP 18 48 59 iP 18 49 00 c	DECEMBER 9 49°19'N, 123°59'W Gulf of Georgia H = 18 38 42 Mag 2. 4 Alberni iP 18 38 52.1 D = 67 km Horseshoe Bay eP 18 38 50.7 iS 18 38 57.5 D = 56 km Victoria D = 100 km	DECEMBER 10 U. S. C. G. S. 36 1/2N, 71 1/2E Hindu Kush H = 03 43 43 h = 150 km Horseshoe Bay eP 03 56 47 Resolute iP 03 54 36 c eS 04 03 34 e 04 11 30
DECEMBER 9 Resolute eP 03 56 47		
DECEMBER 9 Resolute eP 07 50 13		

DOMINION OBSERVATORIES

Seven Falls eP 03 56 36 Shawinigan Falls eP 03 56 38	Seven Falls eP' 07 21 21 pP 07 22 55 PP 07 23 54 SKP 07 24 29 PKS 07 25 02 PPP 07 26 46 SS 07 40 46 Shawinigan Falls eP' 07 21 20 i 07 21 34 pP 07 22 51 PP 07 23 46 SKP 07 24 25	DECEMBER 10 U. S. C. G. S. 37S, 176 1/2E Off North Island, New Zealand H = 07 02 59 h = 300 km Mag 6 3/4 Halifax iP' 07 21 47 d ipP' 07 23 03 iPP 07 24 23 c iSKP 07 24 49 iPKS 07 25 14 isPKS 07 26 58 i 07 32 48 iSKSP 07 34 06 iSS 07 41 57 sSS 07 43 59 Ottawa eP' 07 21 17 i 07 21 29 pP 07 22 44 e 07 23 12 PP 07 23 30 PKS 07 24 35 PPP 07 26 08 S 07 31 15 SP 07 33 04 SS 07 40 11 Resolute eP 07 18 07 iP' 07 21 25 c iP' 07 21 26 d PP 07 23 16 pPP 07 24 41 eS 07 30 46 SKS 07 27 58 PSKS 07 33 16 (PSP) 07 34 46 SS 07 39 40 P'P' 07 42 13	DECEMBER 10 U. S. C. G. S. 3N, 83W Off west coast of Colombia H = 16 11 02 Resolute eP 16 22 26.5 DECEMBER 10 Resolute eP 19 41 00 DECEMBER 10 U. S. C. G. S. 24 1/2N, 109W Gulf of California H = 21 49 20 Mag 5 3/4 Alberni eL 22 03.8 Halifax eS 22 03 39 eSS 22 06 38 e(SSS) 22 06 52 Horseshoe Bay eP 21 55 09 eL 22 03.3 Ottawa eP 21 56 12 c e 21 56 51 PP 21 57 24 S 22 01 50 L 22 05 30 e 22 06 30 Resolute eP 21 58 25 (P _c P) 21 59 52 eS 22 05 38 SS 22 09 14 L 22 10 Saskatoon e 22 00.3 eL 22 04.3 Seven Falls eP 21 56 52 S 22 02 47
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SEISMOLOGICAL BULLETIN - 1958

e 22 05 32 S _c S 22 06 54 L 22 08 43 Shawinigan Falls eP 21 56 28 PP 21 57 49 Victoria eP 21 55 05 e 21 59 42 eL 22 03.4	DECEMBER 10 Resolute eP 23 23 40 e 23 23 48 e 23 41 e 23 45 37 Victoria eP 23 20 26	DECEMBER 11 Resolute eP 02 44 (00)	DECEMBER 11 Resolute iP 06 08 45 d	DECEMBER 11 U. S. C. G. S. 23 1/2N, 109W Gulf of California H = 08 22 20 Resolute eP 08 31 23 e 08 31 30 PPP 08 34 21 eL 08 45	DECEMBER 11 U. S. C. G. S. 37 1/2N, 123W Near coast of California H = 09 52 16 Mag 4.6 Resolute iP 09 59 57 c iP 09 59 57.5 d eL 10 11 Seven Falls eP 09 59 51	DECEMBER 11 Resolute eP 12 47 04 d iP 12 47 04.5 c i 12 47 11 c	DECEMBER 11 Resolute eP 15 21 40	DECEMBER 11 U. S. C. G. S. 30 1/2N, 140E South of Honshu, Japan H = 15 33 25 Resolute eP 15 44 34.5 d iP 15 44 35 c i 15 44 39 c	DECEMBER 11 U. S. C. G. S. 30N, 140E South of Honshu, Japan H = 18 38 12 Resolute iP 18 49 21 d iP 18 49 21.5 c eL 19 06	DECEMBER 11 Resolute eP 19 08 58 DECEMBER 12 Resolute eP 04 45 33 DECEMBER 12 Resolute eP 05 31 28 e 05 31 48 DECEMBER 12 Resolute eP 07 47 09 DECEMBER 12 Resolute eP 08 25 12 e 08 27 58 DECEMBER 12 Resolute eP 13 26 07 DECEMBER 12 Resolute eP 17 48 33 DECEMBER 12 Resolute eP 18 02 15 DECEMBER 12 Resolute eP 19 08 49 e 19 09 03
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DOMINION OBSERVATORIES

DECEMBER 13

Resolute
eP 01 24 04
(P_CP) 01 26 30
eL 01 37

DECEMBER 13

Canadian Arctic
H = 01 35 15
h = 31 km
Mag 2.3

Resolute
eP_n 01 35 46
iP₁ 01 35 50.5
i 01 36 06.5
iS_n 01 36 08.5
iS₁ 01 36 17
D = 220 km

DECEMBER 13

Resolute
eP 02 59 17

DECEMBER 13

Resolute
iP 05 28 12
i 05 28 17

DECEMBER 13

Resolute
eP 06 20 53
e 06 23 06

DECEMBER 13

U.S.C.G.S.
55 1/2S, 22W
Sandwich Islands
region
H = 09 07 30
Resolute
eP' 09 26 53
eP' 09 27 02.5 c

DECEMBER 13

Canadian Arctic
H = 09 54 07
h = 20 km ?
Mag 1.7
Resolute
P_n 09 54 33.3
P₁ 09 54 35.5
S_n 09 54 54
S₁ 09 54 56.6
D = 175 km

DECEMBER 13

Ottawa
eP 13 44 26

DECEMBER 13

Resolute
eP 14 25 32
e 14 29 18

DECEMBER 13

U.S.C.G.S.
44 1/2N, 149E
Kurile Islands
H = 14 28 33
Resolute
eP 14 37 57

DECEMBER 13

Resolute
eP 14 55 34
e 14 55 47

DECEMBER 13

Resolute
eP 15 46 26
e 15 46 39

DECEMBER 13

Resolute
eP 21 03 52

DECEMBER 14

Resolute
iP 06 17 41
i 06 17 50

DECEMBER 14

U.S.C.G.S.
35S, 108 1/2W
South Pacific Ocean
H = 07 11 28
Mag 6

Resolute
PS 07 40 00
SS 07 45 48
SSS 07 50 16
L 07 56 26

Seven Falls
eP 07 24 21
Shawinigan Falls
eP 07 24 23

DECEMBER 14

Resolute
eP 08 36 32

DECEMBER 14

Canadian Arctic
H = 10 22 04.6
Mag 1.5
Resolute
eP₁ 10 22 21
iS₁ 10 22 33.5
D = 102 km

DECEMBER 14

Resolute
eP 11 00 50

DECEMBER 14

U.S.C.G.S.
23N, 108W
Gulf of California
H = 13 26 51

SEISMOLOGICAL BULLETIN - 1958

Resolute

eP 13 36 07
eS 13 43 27
eL 13 48 20

DECEMBER 14

U.S.C.G.S.
3 1/2N, 83W
South of Panama
H = 15 35 35

Resolute
eP 15 46 58
eL 16 04 30
Seven Falls
eP 15 43 41

DECEMBER 14

Resolute
eP 18 03 39

DECEMBER 14

Resolute
eP 19 07 51

DECEMBER 14

Canadian Arctic
H = 23 15 26
Mag 5.1?
Resolute
P_n 23 19 08
PP 23 19 26
S_n 23 22 04
D = 1780 km

DECEMBER 15

Resolute
eP 02 27 36

DECEMBER 15

U.S.C.G.S.
5 1/2N, 82 1/2W
South of Panama
H = 07 50 48

Resolute
eP 08 01 58
eL 08 19 15
Seven Falls
eP 07 58 40

DECEMBER 15

U.S.C.G.S.
44 1/2N, 149E
Kurile Islands
H = 11 46 25
h = 60 km

Ottawa
eP 11 59 01
Resolute
iP 11 55 48.5 c
i 11 56 01
eS 12 03 25
SS 12 07
eL 12 09

DECEMBER 15

U.S.C.G.S.
31S, 177 1/2W
Kermadec Islands
H = 12 40 27

Ottawa
eP' 12 59 20
Resolute
iP' 12 59 15.5 c
iP' 12 59 16 d

DECEMBER 15

Resolute
eP 13 09 43

DECEMBER 15

Resolute
eP 17 08 22

DECEMBER 15

Resolute
eP 19 04 22

DECEMBER 15

Resolute
eP 19 43 06

DECEMBER 15

Resolute
iP 20 02 07.5 (d)

DECEMBER 15

Resolute
eP 20 11 05

DECEMBER 15

Resolute
eP 21 20 49 (d)
e 21 27 06

DECEMBER 15

Resolute
eP 22 34 31

DECEMBER 16

U.S.C.G.S.
44 1/2N, 148 1/2E
Kurile Islands
H = 02 32 24
Resolute
iP 02 41 50 c
eL 03 02

DOMINION OBSERVATORIES

DECEMBER 16
Resolute
eP 05 17 39

DECEMBER 16
Resolute
eP 05 26 14

DECEMBER 16
Resolute
eP 07 47 30

DECEMBER 16
Resolute
eP 12 13 39

DECEMBER 17
U.S.C.G.S.
55N, 162W
Off coast of Alaska
Peninsula
H = 02 25 55
Ottawa
eP 02 35 11
Resolute
iP 02 32 25 c
P_cP 02 35 13
eS 02 37 35
eL 02 38 54
Seven Falls
eP 02 35 33
Shawinigan Falls
eP 02 35 17

DECEMBER 17
U.S.C.G.S.
33N, 137E
South of Honshu,
Japan
H = 08 57 10
h = 400 km
Alberni
iP 09 07 54 (c)
Horseshoe Bay
iP 09 07 53 c
Resolute
iP 09 07 29 c
eS 09 15 55
SSS 09 23 35
Victoria
iP 09 07 58 c, N, E

DECEMBER 18
U.S.C.G.S.
11S, 117 1/2E
South of Sumbawa
Island
H = 07 18 05
Resolute
e 07 45 16
Seven Falls
eP' 07 37 43
e 07 41 08

DECEMBER 18
U.S.C.G.S.
18N, 120 1/2E
Near north coast of
Luzon, Philippine
Islands
H = 07 26 16
Resolute
iP 07 38 52 c

DECEMBER 18
U.S.C.G.S.
16S, 173W
Tonga Islands
region
H = 19 23 53
Horseshoe Bay
eP 19 35 58 (c)
Resolute
eP 19 37 51
eS 19 49 37
SS 19 56 30
eL 20 07
Victoria
eP 19 36 57 c, N

DECEMBER 18
Resolute
eP 21 40 07

DECEMBER 19
49°03'N, 122°54'W
Boundary Bay
H = 00 33 19
Mag 2.4
Alberni
iP 00 33 42.6
iS 00 33 59.8
D = 140 km
Horseshoe Bay
iP 00 33 26.2 d
e 00 33 32.0
D = 47 km
Victoria
iP 00 33 31.1
iS 00 33 40.6

DECEMBER 19
U.S.C.G.S.
38N, 30E
Western Turkey
Ottawa
eP 03 39 00
Resolute
eP 03 37 47
eL 03 56

SEISMOLOGICAL BULLETIN - 1958

Seven Falls
eP 03 38 37 c
Shawinigan Falls
iP 03 38 45 c

DECEMBER 19
49°07'N, 122°44'W
Fraser Valley
H = 06 43 09
Alberni
iP 06 43 34.2
iS 06 43 51.5
D = 141 km
Horseshoe Bay
iP 06 43 16.6
iS 06 43 23.3
D = 55 km
Victoria
iP 06 43 22.7 d, S, E
iS 06 43 32.4
D = 80 km

DECEMBER 19
U.S.C.G.S.
16S, 72W
Southern Peru
H = 11 14 40
h = 100 km
Halifax
iP 11 24 52 d
ipP 11 25 08 c
Horseshoe Bay
eP 11 26 40
Ottawa
eP 11 24 52
Resolute
eP 11 27 44
PP 11 31 28
eS 11 38 40
pPS 11 40 12
sPS 11 40 20
SS 11 44 44
Seven Falls
eP 11 25 04 d
Shawinigan Falls
eP 11 25 00
Victoria
eP 11 26 40

DECEMBER 19
U.S.C.G.S.
5N, 83W
South of Panama
H = 14 36 46
Ottawa
eP 14 44 28 d
Resolute
eP 14 48 00
eL 15 06
Seven Falls
eP 14 44 49
Shawinigan Falls
eP 14 44 44

DECEMBER 19
Resolute
eP 15 15 28

DECEMBER 19
U.S.C.G.S.
51 1/2N, 177 1/2W

Andreanof Islands
Aleutian Islands
H = 18 36 23
Alberni
eP 18 43 09
Halifax
eS 18 56 38
eL 19 09.5
Horseshoe Bay
eP 18 43 13
Ottawa
eP 18 46 49
Resolute
eP 18 43 56
PP 18 45 36
P_cP 18 46 04
eS 18 50 06
eL 18 53 00
Seven Falls
eP 18 46 57
Shawinigan Falls
eP 18 46 52
Victoria
eP 18 43 16

DECEMBER 20
Resolute
eP 00 07 55
e 00 28 -
e 00 37 -
e 00 39 -

DECEMBER 20
48°37'N, 124°39'W
Port Renfrew Area
H = 06 42 03
Mag 2.0
Alberni
eP 06 42 15.0
iS 06 42 25.3
D = 74 km
Horseshoe Bay
eS 06 42 39.2
D = 136 km
Victoria
eP 06 42 16.5
eS 06 42 26.6
D = 83 km

DECEMBER 20
Resolute
eP 09 07 09.5 (c)

DECEMBER 20
U.S.C.G.S.
28 1/2N, 127 1/2E
Ryukyu Islands region
H = 19 20 43
Resolute
iP 19 32 18 d
(S_cS) 19 42 30
SS 19 46 33

DECEMBER 20
Resolute
eP 19 44 02

DOMINION OBSERVATORIES

DECEMBER 20
U.S.C.G.S.
Sumbawa Island
H = 21 12 50
Resolute
eP' 21 31 27
e 21 33 01
Seven Falls
eP' 21 32 17

DECEMBER 21
U.S.C.G.S.
44 1/2N, 81E
Western Sinkiang,
Province, China
H = 05 46 26
Halifax
iP 05 58 51 c
e(S) 06 09 36
eL 06 25.2
Ottawa
eP 05 59 20 c
Resolute
eP 05 56 42 c
PP 05 58 56
PPP 06 00 20
iS 06 05 00
SS 06 09 00
L 06 11 28
Seven Falls
eP 05 59 06
Shawinigan Falls
eP 05 59 11 d

DECEMBER 22
U.S.C.G.S.
66N, 147W
Central Alaska
H = 02 41 29
Ottawa
eP 02 49 23
Resolute
eP 02 45 48
eS 02 49 26
eL 02 50 30
Seven Falls
eP 02 49 29

Shawinigan Falls
eP 02 49 26
DECEMBER 22
Resolute
eP 14 47 58

DECEMBER 23
U.S.C.G.S.
Tonga Islands region
H = 03 30 18
Resoluta
eP' 03 48 28

DECEMBER 23
U.S.C.G.S.
2N, 79W
Near west coast of
Colombia
H = 06 27 15
Horseshoe Bay
eP 06 37 25
Ottawa
eP 06 35 18
Resolute
eP 06 38 45
Seven Falls
eP 06 35 36
Shawinigan Falls
eP 06 35 30
Victoria
iP 06 37 24 d

DECEMBER 23
Resolute
eP 07 11 49

DECEMBER 23
Resolute
eP 15 21 42

DECEMBER 23
Resolute
eP 19 34 53

DECEMBER 23
46°59'N, 69°49'W
Five miles northeast
of Ste-Felicite, Que.
H = 23 14 15.9
Mag 3.7
Montreal
i 23 15 44
S₁ 23 15 50.5
D = 336 km
Ottawa
S₁ 23 16 33
D = 488 km
Seven Falls
eP₁ 23 14 28.1
S₁ 23 14 37.5
D = 77 km
Shawinigan Falls
eP₁ 23 14 52.7
iS₁ 23 15 20.7
D = 230 km

DECEMBER 23
Resolute
eP 19 53 42

DECEMBER 23
Resolute
eP 23 07 09

DECEMBER 24
U.S.C.G.S.
6 1/2S, 150 1/2E
Near south coast of
New Britain
H = 01 13 17
h = 100 km
Ottawa
iP' 01 32 11
Seven Falls
eP' 01 32 14
Shawinigan Falls
eP' 01 32 14



SEISMOLOGICAL BULLETIN - 1958

DECEMBER 24
Resolute
eP 04 43 33

DECEMBER 24
Resolute
eP 04 51 27

DECEMBER 24
U.S.C.G.S.
35 1/2N, 29E
Off south coast of
Turkey
H = 07 17 08
Resolute
eP 07 27 44
Seven Falls
eP 07 28 28
Shawinigan Falls
eP 07 28 38

DECEMBER 24
U.S.C.G.S.
18S, 169E
New Hebrides Islands
H = 20 35 20
Resolute
PS 21 03 40
eL 21 20 30

DECEMBER 24
Resolute
eP 21 30 12

DECEMBER 25
Resolute
eP 02 42 52

DECEMBER 25
Resolute
eP 04 21 58

DECEMBER 25
U.S.C.G.S.
5 1/2S, 151E
New Britain
H = 08 05 38
h = 60 km
Mag 6 3/4
Alberni
eP 08 18 39
Halifax
iP' 08 24 07 d
i 08 24 17 d
e(PKS) 08 28 10
eL 08 59.3
Horseshoe Bay
eP 08 18 42
Ottawa
iP' 08 24 33 c
i 08 24 55
Resolute
eP 08 19 27
PP 08 23 18
(SKS) 08 30 17
eS 08 31 24

PS 08 32 40
SS 08 38 00
SSS 08 42 00
eL 08 48

Seven Falls
eP' 08 24 36 c
i 08 24 48

Shawinigan Falls
iP' 08 24 36 c
i 08 24 48

DECEMBER 25
U.S.C.G.S.
51 1/2N, 175W
Andreanof Islands,
Aleutian Islands
H = 09 11 46

Ottawa
iP 09 22 04 c
Resolute
eP 09 19 13
P_cP 09 21 26

Seven Falls
eP 09 22 11
Shawinigan Falls
eP 09 22 09

DECEMBER 25
Resolute
eP 14 43 19

DECEMBER 25
51.1N, 124.6W
Head of Butte Inlet
H = 17 57 28
Mag 3.2

Alberni
iP 17 57 59.2
iS 17 58 24.4
D = 202 km

Horseshoe Bay
iP 17 58 00.4
iS 17 58 26.0
D = 205 km

Victoria
eP 17 58 15.0
eS 17 58 47.3
D = 279 km

DOMINION OBSERVATORIES

DECEMBER 25 Resolute eP 18 08 43 e(P _c P) 18 10 56	DECEMBER 27 Resolute eP 00 58 33 iP 01 01 19 c	Shawinigan Falls eP 05 20 28
DECEMBER 26 Resolute eP 02 45 07	DECEMBER 27 Resolute eP 03 12 49	DECEMBER 28 U. S. C. G. S. 29 1/2N, 80E Western Nepal - India border H = 05 34 36 Ottawa eP 05 48 35 PP 05 52 44 Resolute iP 05 46 23 c PP 05 49 17 eS 05 56 04 SSS 06 04 32 eL 06 05 14 Seven Falls eP 05 48 22 PP 05 52 17 Shawinigan Falls eP 05 48 26
DECEMBER 26 Resolute eP 04 15 33	DECEMBER 27 Resolute eP 06 56 37	
DECEMBER 26 U. S. C. G. S. South of Fiji Islands H = 05 51 04 h = 600 km Resolute ePP 06 08 32	DECEMBER 27 Resolute eP 13 02 55	
DECEMBER 26 Resolute eP 16 18 42	DECEMBER 27 Resolute eP 13 41 03 e 13 47 59	
DECEMBER 26 Resolute eP 17 57 35	DECEMBER 27 Resolute eP 18 04 13	DECEMBER 28 U. S. C. G. S. 18 1/2S, 178W Fiji Islands H = 06 44 55 h = 550 km Resolute e 06 58 43 PP 07 02 33
DECEMBER 26 Resolute eP 22 44 04	DECEMBER 28 Resolute eP 04 55 53	
DECEMBER 26 Resolute eP 22 58 23	DECEMBER 28 U. S. C. G. S. 9 1/2N, 70W Northwestern Venezuela H = 05 13 15 Ottawa eP 05 20 22 i 05 20 31 Resolute eP 05 24 08 Seven Falls eP 05 20 35	DECEMBER 28 48°43'N, 123°07'W Gulf Islands H = 08 02 53 Mag 2.2 Alberni iP 08 03 15.4 d iS 08 03 32.8 D = 142 km Horseshoe Bay iP 08 03 05.3 iS 08 03 15.4 D = 83 km
DECEMBER 27 Resolute eP 00 05 48		



SEISMOLOGICAL BULLETIN - 1958

Victoria iP 08 02 57.8 d, N, E iS 08 03 00.6 D = 23 km	Horseshoe Bay iP 15 50 25.6 iS 15 50 35.6 D = 80 km Victoria iP 15 50 17.1 d, N, E iS 15 50 19.9	DECEMBER 29 Resolute eP 02 43 20 c
DECEMBER 28 Canadian Arctic H = 09 31 12.6 Mag 1.4 Resolute iP ₁ 09 31 31 iS ₁ 09 33 45 D = 115 km	DECEMBER 28 Resolute iP 17 12 33 c	DECEMBER 29 Resolute eP 03 08 44 e 03 12 21
DECEMBER 28 Resolute eP 11 46 01 e 11 46 09 e 11 48 37	DECEMBER 28 48°42'N, 123°15'W Gulf Islands H = 19 58 12 Mag 2.4 Alberni iP 19 58 34.1 iS 19 58 52.1 D = 138 km Horseshoe Bay iP 19 58 25.4 d iS 19 58 35.4 D = 81 km Victoria iP 19 58 17.0 d iS 19 58 29.7 D = 31 km	DECEMBER 29 Resolute eP 08 55 38
DECEMBER 28 U. S. C. G. S. 71 1/2N, 7 1/2W Jan Mayen Island H = 11 46 56 Resolute eP 11 52 07 iP 11 52 14.5 c iP 11 52 15 d eS 11 56 19 Seven Falls eP 11 54 19	DECEMBER 28 Resolute eP 21 09 32	DECEMBER 29 U. S. C. G. S. Off coast of Jalisco, Mexico H = 10 44 50 Resolute eP 10 54 22 e 11 07 - e 11 15 -
DECEMBER 28 Resolute eP 14 37 38	DECEMBER 28 Canadian Arctic H = 22 21 30.2 Mag 1.1 Resolute eP ₁ 22 21 34 iS ₁ 22 21 44.5 D = 86.1 km	DECEMBER 29 Resolute eP 20 38 33 d iP 20 38 33.5 c
DECEMBER 28 48°41'N, 123°14'W Gulf of Georgia H = 15 50 13 Mag 2.2 Alberni iP 15 50 34.8 iS 15 50 52.1 D = 138 km	DECEMBER 28 Resolute eP 23 50 34	

DOMINION OBSERVATORIES

DECEMBER 29

U. S. C. G. S.
2 1/2N, 99E
Northern Sumatra
H = 22 38 22
Resolute
eP 22 52 22
eS 23 04 20
(PSPS) 23 12 -
eL 23 20
Seven Falls
eP' 22 57 34

DECEMBER 29

Resolute
eP 23 08 20

DECEMBER 30

U. S. C. G. S.
35 1/2S, 105 1/2W
South Pacific Ocean
H = 08 37 56
Mag 6
Horseshoe Bay
eP 08 50 40
Ottawa
eP 08 50 37
Resolute
PP 08 56 (54)
eS 09 04 (48)
PPS 09 07 (20)
SS 09 12 22
SSS 09 16 35
G 09 23 30
Seven Falls
eP 08 50 53
Shawinigan Falls
eP 08 50 47
Victoria
eP 08 50 39

DECEMBER 30

Canadian Arctic
H = 10 06 51.2
Mag 1.1
Resolute
iP₁ 10 07 01.7
iS₁ 10 07 09.7
D = 65.6 km

DECEMBER 30

Resolute
eP 10 28 51
e 10 30 57

DECEMBER 30

Resolute
eP 15 20 48
e 15 29 -
e 15 31 -

DECEMBER 31

U. S. C. G. S.
23S, 178 1/2W
Tonga Islands region
H = 01 45 52
h = 400 km
Horseshoe Bay
iP 01 58 00 d
Ottawa
eP' 02 03 50
Resolute
iP' 02 03 41 c
S 02 11 25
PS 02 14 00
SS 02 19 20
sSS 02 21 42
P'P' 02 23 23
Seven Falls
eP' 02 03 57
Victoria
eP 01 57 58 d

DECEMBER 31

U. S. C. G. S.
30 1/2N, 79 1/2E
Northern India
H = 03 45 18
Resolute
eP 03 57 01 c
e 04 25 -
e 04 33 -

DECEMBER 31

48.8°N, 122.3°W
East of Bellingham
H = 07 54 49
Mag 2.1
Horseshoe Bay
eP 07 55 03
iS 07 55 14
Victoria
eP 07 55 03.6
eS 07 55 14.8
D = 92 km

DECEMBER 31

U. S. C. G. S.
46 1/2N, 154 E
Kurile Islands
H = 10 30 49
h = 100 km
Resolute
iP 10 39 43
iP 10 39 47 d
sS 10 47 20
sSS 10 51 05
Seven Falls
eP 10 42 55

DECEMBER 31

Resolute
eP 19 24 55

SEISMOLOGICAL BULLETIN - 1958

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the last quarter of 1958. Arrival times of the phases are given at their respective chronological positions in the text of this bulletin.

- OCTOBER 7 at 00 11 23 U. T. Magnitude 2.2. Originated 230 km from Resolute, N. W. T.
- OCTOBER 9 at 09 30 13 U. T. Magnitude 1.8. Originated 116 km from Resolute, N. W. T.
- OCTOBER 9 at 09 35 50 U. T. Magnitude 1.4. Originated 115 km from Resolute, N. W. T.
- OCTOBER 10 at 07 50 29 U. T. Magnitude 2.0. Originated 116 km from Resolute, N. W. T.
- OCTOBER 11 at 00 41 35 U. T. Magnitude 5.7? Epicentre (USCGS) at 65 1/2N, 132 1/2W. In Yukon Territory.
- OCTOBER 20 at 23 37 54 U. T. Magnitude 1.9. Originated 152 km from Resolute, N. W. T.
- OCTOBER 21 at 05 14 21 U. T. Magnitude 2.2. Originated 115 km from Resolute, N. W. T.
- OCTOBER 21 at 06 52 23 U. T. Magnitude 1.9. Originated 115 km from Resolute, N. W. T.
- OCTOBER 26 at 06 11 39 U. T. Magnitude 2.3. Originated 160 km from Resolute, N. W. T. at a depth of about 25 km.
- OCTOBER 26 at 15 24 13 U. T. Magnitude 5.6? Epicentre (USCGS) 65 1/2°N, 133°W. In Yukon Territory.
- OCTOBER 28 at 04 48 16 U. T. Magnitude 3.5. Originated 400 km from Resolute, N. W. T.
- OCTOBER 30 at 23 42 10 U. T. Magnitude 1.9. Originated 164 km from Resolute, N. W. T.
- OCTOBER 31 at 03 27 04 U. T. Magnitude 4.0. Originated 590 km from Resolute, N. W. T.
- OCTOBER 31 at 12 27 54 U. T. Magnitude 2.3. Originated 148 km from Resolute, N. W. T.

DOMINION OBSERVATORIES

- NOVEMBER 2 at 03 20 56 U. T. Magnitude 4.7. Originated 1610 km from Resolute, N. W. T.
- NOVEMBER 2 at 06 29 43 U. T. Magnitude 1.9. Originated 101 km from Resolute, N. W. T.
- NOVEMBER 14 at 04 21 07 U. T. Magnitude 0.7. Originated 24.6 km from Resolute, N. W. T.
- NOVEMBER 17 at 19 43 18 U. T. Magnitude 0.6. Originated 80.3 km from Resolute, N. W. T.
- DECEMBER 1 at 19 22 14 U. T. Magnitude 1.2. Originated 61.5 km from Resolute, N. W. T.
- DECEMBER 3 at 00 17 18 U. T. Magnitude 2.1. Originated 158 km from Resolute, N. W. T.
- DECEMBER 13 at 01 35 15 U. T. Magnitude 2.3. Originated 220 km from Resolute, N. W. T.
- DECEMBER 13 at 09 54 07 U. T. Magnitude 1.7. Originated 175 km from Resolute, N. W. T.
- DECEMBER 14 at 10 22 05 U. T. Magnitude 1.5. Originated 102 km from Resolute, N. W. T.
- DECEMBER 14 at 23 15 26 U. T. Magnitude 5.1? Originated 1780 km from Resolute, N. W. T.
- DECEMBER 28 at 09 31 13 U. T. Magnitude 1.4. Originated 115 km from Resolute, N. W. T.
- DECEMBER 28 at 22 21 30 U. T. Magnitude 1.1 Originated 86.1 km from Resolute, N. W. T.
- DECEMBER 30 at 10 06 51 U. T. Magnitude 1.1. Originated 65.6 km from Resolute, N. W. T.



SEISMOLOGICAL BULLETIN - 1958

EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the last quarter of 1958. Arrival times of the phases are given at their respective chronological positions in the text of this bulletin.

- OCTOBER 21 at 09 32 51 U. T. Magnitude 4.1. Epicentre at 49.6°N, 68.0°W. About 30 miles north northeast of Baie Comeau, Que. A report was received of a 'fireball' being seen.
- OCTOBER 22 at 08 34 33 U. T. Magnitude 2.5. Epicentre at 45°52'N, 74°28'W. About 15 miles southwest of Ste. Agathe, Que.
- OCTOBER 23 at 23 05 56 U. T. Rockburst at Springhill, N.S.
- OCTOBER 28 at 12 59 44 U. T. Magnitude 3.8. Epicentre at 48°04'N, 80°12'W. Probably a rockburst in the mines near Kirkland Lake, Ont.
- OCTOBER 28 at 13 04 12 U. T. Magnitude 3.6. Epicentre at 48°04'N, 80°12'W. Probably a rockburst in the mines near Kirkland Lake, Ont.
- NOVEMBER 9 at 20 25 33 U. T. Magnitude 3.5. Epicentre at 47°58'N, 79°58'W. Probably a rockburst in the mines near Kirkland Lake, Ont.
- NOVEMBER 9 at 20 40 37 U. T. Magnitude 3.5. Epicentre at 47°58'N, 79°58'W. Probably a rockburst in the mines near Kirkland Lake, Ont.
- DECEMBER 23 at 23 14 15.9 U. T. Magnitude 3.7. Epicentre at 46°59'N, 69°49'W. Five miles northeast of Ste. Felicite, Que.

DOMINION OBSERVATORIES

EARTHQUAKES IN WESTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the last quarter of 1958. Arrival times of the phases are given at their respective chronological positions in the text of this bulletin.

- OCTOBER 3 at 00 08 50 U. T. Magnitude 3.0. Epicentre at 47.6°N, 124.5°W. West of Seattle
- OCTOBER 3 at 21 18 53 U. T. Magnitude 2.2. Epicentre at 49°36'N, 122°49'W. Northeast of Vancouver.
- OCTOBER 7 at 05 07 56 U. T. Magnitude 3.3. Epicentre at 47.4°N, 124.0°W. Southern Olympics.
- OCTOBER 12 at 22 31 02 U. T. Magnitude 2.2. Epicentre at 48°11' N, 124°41'W. Southwest of Vancouver Island.
- OCTOBER 18 at 11 16 53 U. T. Magnitude 2.5. South of Victoria.
- OCTOBER 20 at 21 27 17 U. T. Magnitude 4. Epicentre at 44 N, 129 W. Off coast of Washington.
- OCTOBER 22 at 03 47 17 U. T. Magnitude 3.4. Epicentre at 49N, 129W. Off west coast.
- OCTOBER 22 at 20 16 30 U. T. Magnitude 2.5. Epicentre at 49-06N, 123-57W. South of Nanaimo.
- OCTOBER 27 at 07 39 15 U. T. Magnitude 4. Southwestern Alberta.
- NOVEMBER 2 at 22 14 40 U. T. Magnitude 1.9 Epicentre at 48° 35'N, 123° 42'W. Northwest of Victoria.
- NOVEMBER 9 at 07 47 37 U. T. Magnitude 2.1 Epicentre at 47.6N, 122.4W Near Seattle.
- NOVEMBER 13 at 22 56 42 U. T. Magnitude 2.2 Epicentre at 48°33'N, 121° 33'W. Southeast of Mount Baker.
- NOVEMBER 23 at 14 40 58 U. T. Magnitude 2.1 Epicentre at 49°46'N, 123° 40'W. Strait of Georgia.
- NOVEMBER 24 at 04 17 44 U. T. Magnitude 2.4 Mid Gulf of Georgia.
- NOVEMBER 28 at 22 32 48 U. T. Magnitude 1.9 Epicentre at 48°38'N, 123° 07'W. Gulf Islands.

SEISMOLOGICAL BULLETIN - 1958

- DECEMBER 4 at 17 45 47 U. T. Magnitude 2.2 Epicentre at 49°26'N, 123° 56'W. Sechelt Peninsula.
- DECEMBER 4 at 18 00 51 U. T. Magnitude 2.1 Epicentre at 49°21'N, 123° 52'W. Gulf of Georgia.
- DECEMBER 4 at 18 13 20 U. T. Magnitude 2.1 Epicentre at 49°28'N, 123° 55'W. Gulf of Georgia.
- DECEMBER 6 at 21 09 59 U. T. Magnitude 2.5 Epicentre at 49°04'N, 122° 54'W. Boundary Bay.
- DECEMBER 7 at 14 43 01 U. T. Magnitude 2.2 Epicentre at 49°03'N, 123° 10'W. Gulf of Georgia.
- DECEMBER 7 at 22 23 09 U. T. Magnitude 2.0 Epicentre at 49°03'N, 123° 11'W. Gulf of Georgia.
- DECEMBER 9 at 18 38 42 U. T. Magnitude 2.4 Epicentre at 49°19'N, 123° 59'W. Gulf of Georgia.
- DECEMBER 19 at 00 33 19 U. T. Magnitude 2.4 Epicentre at 49°03'N, 122° 54'W. Boundary Bay.
- DECEMBER 19 at 06 43 09 U. T. Magnitude 2.3 Epicentre at 49°07'N, 122° 44'W. Fraser Valley.
- DECEMBER 20 at 06 42 03 U. T. Magnitude 2.0 Epicentre at 48°37'N, 124° 39'W. Port Renfrew.
- DECEMBER 25 at 17 58 28 U. T. Magnitude 3.2 Epicentre at 51.1° N, 124.6° W. Head of Butte Inlet.
- DECEMBER 28 at 08 02 53 U. T. Magnitude 2.2 Epicentre at 48°43'N, 123° 07'W. Gulf Islands.
- DECEMBER 28 at 15 50 13 U. T. Magnitude 2.2 Epicentre at 48°41'N, 123° 14'W. Gulf Islands.
- DECEMBER 28 at 19 58 12 U. T. Magnitude 2.4 Epicentre at 48°42'N, 123° 15'W. Gulf Islands.
- DECEMBER 31 at 07 54 49 U. T. Magnitude 2.1 Epicentre at 48.8°N, 122.3° W. East of Bellingham.

I. G. Y. MICROSEISMIC BULLETIN

OCTOBER - DECEMBER - 1958

NOTES

Four stations only have been read,

- An Atlantic station - Halifax,
- An inland station - Ottawa,
- An Arctic station - Resolute, and
- A Pacific station - Victoria.

The following instruments are used:

- Halifax - Willmore Z $T_s = 1$ sec. $T_{g_{vg}} = 2.0$ sec.
- Ottawa - Benioff Z $T_s = 1$ sec. $T_{g_{vg}} = 75$ sec.
- Resolute - Columbia Z $T_s = 10$ sec. $T_{g_{vg}} = 23$ sec. *
- Victoria - Benioff Z $T_s = 1$ sec. $T_g = 75$ sec.

* Due to recalibration of Resolute Columbia Vertical seismograph, the $T_s = 10.2$ sec. and $T_g = 20$ sec. were changed to those listed above on September 13, 1958.

ERRATUM

Resolute Microseisms

Owing to a misunderstanding between the station operator and the Headquarters staff, trace amplitudes in millimeters instead of ground amplitudes in microns have been entered in the "A" column of the Resolute microseismic bulletins for the first 3 quarters of 1958.

Until September 9, 1958, the seismograph used had a magnification within about 20% of 1200 over the range of period from 4 to 12 seconds, an approximate correction may be made by multiplying the given figures by 0.83.

From September 9 to 30 inclusive, the approximate correction factor is 1.2. For a more accurate conversion, it will be necessary to work over the figures with the aid of the calibration curves.

SEISMOLOGICAL BULLETIN - 1958

DATE	HURON			HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
	H	O	U	K	A	T	K	A	T	K	A	T	K	A	T	
October	1	0	6	1	1.7	5.0	1	2.0	6.1	1	0.6	6.0	2	0.8	5.5	
			12	1	4.4	6.5	1	1.9	6.4	...			2	0.8	5.5	
			18	1	4.8	6.0	1	1.9	6.4	...			2	0.8	5.5	
				1	4.4	6.0	3	1.8	6.2	...			3	0.1	2.4	
		2	0	1	2.6	6.0	3	1.0	4.0	1	1.1	5.6	...			
			6	1	0.5	2.2	3	0.6	3.6	...			3	0.3	3.0	
			12	1	0.7	2.6	3	0.5	3.5	1	1.0	5.4	3	0.2	3.0	
			18	1	0.9	3.0	3	0.6	4.0	1	1.0	5.2	3	0.2	3.0	
			3	0	1	0.5	3.0	3	0.6	4.0	1	1.0	5.2	3	0.2	3.2
			6	1	0.2	2.6	3	0.6	4.0	1	1.1	5.7	3	0.2	2.5	
			12	1	0.3	3.0	3	0.3	4.0	1	0.8	5.5	3	0.2	3.0	
			18	1	0.2	3.0	3	0.3	4.0	3	0.8	5.0	0,0			
		4	0	1	0.2	3.0	3	0.3	4.0	3	0.8	4.9	3	0.2	3.0	
			6	1	0.2	3.5	3	0.3	3.5	3	0.7	5.6	3	0.2	3.0	
			12	0,0			3	0.2	3.0	...			3	0.2	3.0	
			18	0,0			3	0.2	3.0	3	0.5	5.8	3	0.2	3.0	
		5	0	1	0.2	2.6	3	0.2	3.0	3	0.4	5.8	3	0.3	3.2	
			6	0,0			3	0.2	3.0	3	0.4	6.0	3	0.3	3.0	
		12	0,0			3	0.2	3.0	1	0.4	5.8	3	0.3	3.0		
		18	1	0.1	2.0	3	0.2	3.0	1	0.4	5.8	3	0.2	2.7		
	6	0	1	0.4	2.5	3	0.2	3.0	1	0.6	5.0	3	0.1	2.5		
		3	1	0.6	3.0	3	0.5	3.5	1	1.0	4.6	3	0.1	1.5		
		6	1	1.4	3.5	3	0.7	4.1	...			3	0.1	1.7		
		9	1	1.1	3.3	3	0.7	4.1	1	1.1	4.6	3	0.1	1.7		
		12	1	1.2	3.4	3	0.7	4.1	1	1.3	4.6	3	0.1	1.7		
		15	1	1.1	3.5	3	0.6	4.0	1	1.3	4.7	3	0.1	2.5		
		18	1	1.0	3.6	3	0.6	4.0	1	1.3	4.7	3	0.1	2.5		

Halifax - storm start

Halifax - storm end

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		7	0	0.9	4.0	0.7	4.5	1	1.0	5.4	3	0.2	2.7	
	6	1	1.0	4.3	0.7	5.0	1	1.4	5.5	3	0.2	2.5		
	12	1	1.6	5.1	1.0	5.0	1	2.1	5.7	3	0.3	2.5		
	18	3	1.5	5.0	1.3	5.0	1	1.6	5.7	3	0.3	2.7		
	0	3	0.8	4.7	1.3	5.1	1	1.6	5.6	3	0.2	3.0		
	6	3	0.5	3.5	0.9	5.0	1	0.9	5.2	3	0.2	2.5		
	12	3	0.5	3.5	0.9	5.0	1	0.9	5.2	3	0.2	2.5		
	18	3	1.0	4.5	0.6	4.0	1	0.8	4.4	3	0.2	2.5		
	0	3	0.6	4.2	0.6	4.0	1	0.8	4.8	3	0.2	2.5		
	6	1	0.5	4.0	0.5	4.0	1	0.7	4.6	3	0.2	2.5		
	12	1	0.7	4.5	0.5	4.0	...			3	0.1	2.5		
	18	3	0.8	4.3	0.5	4.0	1	0.5	6.0	3	0.2	3.0		
	0	3	0.6	4.1	0.5	4.0	1	0.4	5.8	3	0.1	1.5		
	1	3	0.2	2.6	0.5	4.0	1	0.4	5.6	3	0.1	1.5		
	2	3	0.3	3.0	0.3	4.0	1	0.4	5.6	3	0.2	1.5		
	3	3	0.3	3.3	0.3	4.0	1	0.4	5.9	3	0.2	1.5		
	4	3	0.3	3.5	0.3	4.0	1	0.4	5.9	3	0.1	1.7		
	5	3	0.8	5.0	0.3	4.0	1	0.4	5.6	0,0				
	6	3	0.6	4.5	0.3	4.0	1	0.4	6.3	3	0.1	2.0		
	7	3	0.4	4.0	0.3	3.4	1	0.4	6.2	3	0.2	2.0		
	8	3	0.4	3.5	0.3	3.0	1	0.4	6.2	3				
	9	3	0.3	3.5	0.3	3.2	...			...
	10	3	0.4	3.5	0.2	3.5	...			3	0.1	2.0		
	11	3	0.4	3.5	0.2	3.5	1	0.4	5.8	3	0.1	2.0		
	12	3	0.6	3.8	0.2	3.5	...			3	0.1	2.0		
	13	3	0.2	3.0	0.2	3.2	1	0.4	5.8	3	0.1	2.0		
	14	3	0.4	3.5	0.2	3.2	1	0.4	6.0	3	0.1	2.0		

International Day

SEISMOLOGICAL BULLETIN - 1958



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		10	15	3	0.5	3.5	0.2	3.2	1	0.4	5.7	3	0.1		2.0
	16	3	0.4	3.5	0.3	3.3	...				3	0.1	2.0	
	17	3	0.4	3.5	0.3	3.4	1	0.4	5.8	0,0				
	18	3	0.4	3.5	0.3	3.7	1	0.4	6.0	0,0				
	19	1	0.7	4.0	0.3	4.0	1	0.4	6.1	0,0				
	20	1	0.6	3.5	0.3	4.0	1	0.4	6.1	3	0.1	2.6		
	21	1	0.6	3.5	0.3	4.0	1	0.4	6.2	0,0				
	22	1	0.4	3.0	0.3	4.0	1	0.3	5.8	3	0.1	2.5		
	23	3	0.4	3.5	0.3	4.0	1	0.3	6.0	0,0				
11	0	3	0.6	3.5	0.3	4.0	1	0.3	6.0	0,0				
	1	3	0.4	3.4	0.3	4.0	...			...
	2	1	0.6	3.5	0.3	4.0	1	0.3	5.8	3	0.1	2.0		
	3	1	0.4	3.5	0.3	4.0	1	0.3	6.0	3	0.1	2.0		
	4	1	0.5	3.5	0.3	4.0	1	0.3	5.6	0,0				
	5	1	0.5	3.5	0.3	4.0	1	0.3	6.1	3	0.1	2.0		
	6	1	0.5	3.5	0.3	4.0	1	0.3	5.9	0,0				
	7	1	0.4	3.5	0.3	4.0	1	0.3	5.8	0,0				
	8	1	0.4	3.5	0.3	3.6	1	0.3	6.0	3	0.1	2.0		
	9	1	0.4	3.5	0.4	3.6	1	0.3	5.8	3	0.1	2.0		
	10	1	0.4	3.0	0.4	3.6	1	0.3	5.9	0,0				
	11	3	0.4	3.0	0.4	3.6	1	0.3	5.2	3	0.1	2.0		
	12	3	0.4	3.0	0.4	3.6	1	0.3	5.6	3	0.1	2.0		
	13	1	0.4	2.5	0.4	3.5	1	0.3	5.8	0,0				
	14	1	0.3	2.3	0.4	3.5	1	0.3	5.7	3	0.1	1.5		
	15	1	0.6	2.5	0.4	3.5	...			3	0.1	2.3		
	16	1	0.6	2.5	0.4	3.5	...			3	0.1	2.2		
	17	1	0.5	2.6	0.4	3.5	1	0.3	5.7	3	0.1	2.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		11	18	1	0.8	3.0	3	0.4	3.5	1	0.3	4.6	3		0.1	1.9
	19	1	0.7	3.0	3	0.4	3.6	1	0.3	5.3	3	0.1	2.0	
	20	1	0.8	3.0	3	0.4	3.7	1	0.3	4.7	3	0.1	1.5	
	21	1	0.8	3.3	3	0.5	4.0	1	0.3	4.8	3	0.1	1.5	
	22	1	0.8	3.3	3	0.5	4.0	1	0.3	4.8	3	0.1	1.6	
	23	1	1.5	3.5	3	0.5	4.0	1	0.3	4.8	3	0.1	1.5	
October	12	0	1.3	3.5	3	0.5	4.0	1	0.3	4.6	3	0.1	1.5	
	1	1	1.1	3.5	3	0.5	4.0	1	0.3	4.9	3	0.1	1.5	
	2	1	1.4	4.0	3	0.5	4.0	1	0.3	4.8	3	0.1	1.8	
	3	1	1.6	4.0	3	0.5	4.0	1	0.3	5.1	3	0.2	1.8	
	4	1	1.4	4.0	3	0.6	4.0	1	0.3	4.6	3	0.2	1.8	
	5	1	1.4	4.0	3	0.6	4.0	1	0.3	4.9	3	0.2	1.8	
	6	1	1.0	3.5	3	0.6	4.0	1	0.3	5.1	3	0.2	1.8	
	7	1	1.6	4.0	3	0.6	4.0	1	0.3	4.8	3	0.2	1.8	
	8	1	1.0	3.6	3	0.6	4.0	...	...	...	3	0.2	2.3	
	9	1	1.2	4.0	3	0.6	4.0	1	0.5	4.6	3	0.2	1.7	
	10	1	1.3	3.7	3	0.6	4.0	1	0.3	4.9	3	0.2	2.2	
	11	3	0.9	3.2	3	0.6	4.0	1	0.4	5.6	3	0.3	2.9	
	12	3	1.5	3.8	3	0.6	4.0	1	0.4	5.6	3	0.2	2.0	
	13	3	1.1	3.6	3	0.6	4.0	1	0.5	5.2	3	0.1	2.0	
	14	3	1.3	3.8	3	0.6	4.0	1	0.5	4.8	3	0.1	2.1	
	15	3	1.3	3.8	3	0.6	4.0	1	0.6	5.2	3	0.1	2.0	
	16	3	1.3	3.8	3	0.6	4.0	...	...	...	3	0.2	2.2	
	17	3	1.3	3.8	3	0.6	4.5	...	...	...	...	...	...
	18	1	1.2	3.8	3	0.6	4.5	1	0.4	5.5	3	0.2	2.5	
	19	1	1.1	3.8	3	0.6	4.5	1	0.5	5.6	3	0.1	2.3	
	20	1	1.1	3.6	3	0.6	4.5	1	0.6	5.4	3	0.2	2.5	

SEISMOLOGICAL BULLSTIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		October	12	21	3	1.1	3.6	3	0.8	4.5	1	0.4	5.4		3	0.2	2.0
	22	3	1.1	3.6	3	0.9	4.5	1	0.4	5.3	3	0.2	2.6		
	23	3	1.1	3.6	3	0.9	4.5	1	0.4	5.3	3	0.2	2.8		
	13	0	0.8	3.5	3	1.0	5.0	1	0.5	4.8	3	0.2	2.5		
	1	1	1.3	3.9	3	1.0	5.0	1	0.5	4.9	3	0.2	2.7		
	2	1	1.8	4.0	3	1.0	5.0	1	0.6	5.1	3	0.2	2.7		
	3	1	1.5	4.3	3	1.0	5.0	1	0.6	4.9	3	0.2	2.5		
	4	1	0.6	2.9	3	1.2	5.0	1	0.6	5.2	3	0.2	2.5		
	5	1	0.9	3.4	3	1.2	5.0	1	0.6	5.0	3	0.2	2.5		
	6	1	1.2	3.8	3	1.2	5.0	1	0.5	5.0	3	0.2	2.5		
	7	1	1.6	4.0	3	1.3	5.0	1	0.6	4.9	3	0.2	2.5		
	8	1	0.9	3.4	3	1.3	5.0	1	0.6	5.4	3	0.2	2.5		
	9	1	2.4	4.8	3	1.3	5.0	1	0.6	5.3	3	0.3	3.0		
	10	1	2.5	5.0	3	1.5	5.8	...	...	...	3	0.2	2.8	
	11	1	3.2	5.5	3	1.8	6.0	1	0.7	5.3	3	0.2	2.5		
	12	1	2.8	5.2	3	1.8	6.0	1	0.7	5.6	3	0.2	2.5		
	13	1	3.0	5.0	3	1.8	6.0	1	0.7	5.7	3	0.2	2.5		
	14	1	4.3	5.5	3	2.1	6.0	1	0.8	5.7	3	0.3	2.7		
	15	1	4.3	5.5	3	2.1	6.0	1	0.9	5.7	3	0.3	3.0		
	16	1	4.3	5.5	3	2.6	6.0	1	0.8	5.5	3	0.2	2.5		
	17	1	4.7	6.0	3	2.3	6.0	1	0.9	5.7	3	0.3	3.0		
	18	1	3.9	6.0	3	2.3	6.0	1	0.9	5.8	3	0.3	3.0		
	19	1	3.9	6.0	3	2.5	6.0	1	0.9	5.9	3	0.3	3.0		
	20	1	2.5	5.0	3	2.5	6.0	1	1.0	6.2	3	0.3	3.0		
	21	1	3.9	6.0	3	2.5	6.0	1	1.1	5.9	3	0.2	2.5		
	22	1	4.7	6.0	3	2.5	6.0	1	0.9	6.0	3	0.2	2.5		
	23	1	4.7	6.0	3	2.5	6.0	1	1.3	6.2	3	0.2	2.5		

Resolute - storm start

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		14	0	3.9	6.0	3	2.3	6.0	1	1.4	6.0	3	0.3	
	3	3.1	6.0	3	2.2	6.2	1	1.9	6.1	3	0.3	2.9		
	6	2.0	5.6	3	2.1	6.0	1	1.3	6.8	3	0.1	1.8		
	9	2.4	5.8	3	1.8	6.2	1	1.1	6.2	3	0.2	2.7		
	12	1.3	6.0	3	1.1	6.0	1	1.3	6.0	3	0.2	2.5		
	15	1.3	5.5	3	0.9	6.0	1	1.3	6.1	3	0.2	3.2		
	18	0.2	2.0	3	0.9	6.0	1	1.3	6.1	3	0.2	2.7		
	21	0.4	2.5	3	0.4	5.0	1	1.0	6.3	...			Resolute - storm end	
	0	0.3	2.5	3	0.4	4.5	...	0.8	6.0	0,0				
	3	0.4	2.6	3	0.5	4.5	...			0,0				
	6	0.3	3.0	3	0.5	4.5	...			0,0				
	9	1.7	5.5	3	0.6	5.0	...			0,0				
	12	0.3	3.3	3	0.4	5.5	...			0,0				
	15	0.5	3.1	3	0.4	4.0	1	0.6	6.1	1	0.7	7.2		
	18	0.5	3.2	3	0.4	4.0	1	0.8	7.1	1	0.8	7.1		
	21	0.8	3.5	3	0.4	4.0	1	0.7	6.8	1	0.7	6.8		
	0	1.6	5.5	3	0.4	4.0	1	1.6	7.4	1	1.6	7.4		
	3	1.6	4.8	3	0.4	4.0	1	2.0	7.4	3	0.4	4.0		
	6	1.6	4.8	3	0.4	4.0	1	1.4	7.2	1	0.4	4.0		

SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		18	0	3.9	6.0	3	2.3	6.0	1	1.4	6.0	3	0.3	
	3	3.1	6.0	3	2.2	6.2	1	1.9	6.1	3	0.3	2.9		
	6	2.0	5.6	3	2.1	6.0	1	1.3	6.8	3	0.1	1.8		
	9	2.4	5.8	3	1.8	6.2	1	1.1	6.2	3	0.2	2.7		
	12	1.3	6.0	3	1.1	6.0	1	1.3	6.0	3	0.2	2.5		
	15	1.3	5.5	3	0.9	6.0	1	1.3	6.1	3	0.2	3.2		
	18	0.2	2.0	3	0.9	6.0	1	1.3	6.1	3	0.2	2.7		
	21	0.4	2.5	3	0.4	5.0	1	1.0	6.3	...			Resolute - storm end	
	0	0.3	2.5	3	0.4	4.5	...	0.8	6.0	0,0				
	3	0.4	2.6	3	0.5	4.5	...			0,0				
	6	0.3	3.0	3	0.5	4.5	...			0,0				
	9	1.7	5.5	3	0.6	5.0	...			0,0				
	12	0.3	3.3	3	0.4	5.5	...			0,0				
	15	0.5	3.1	3	0.4	4.0	1	0.6	6.1	1	0.7	7.2		
	18	0.5	3.2	3	0.4	4.0	1	0.8	7.1	1	0.8	7.1		
	21	0.8	3.5	3	0.4	4.0	1	0.7	6.8	1	0.7	6.8		
	0	1.6	5.5	3	0.4	4.0	1	1.6	7.4	1	1.6	7.4		
	3	1.6	4.8	3	0.4	4.0	1	2.0	7.4	3	0.4	4.0		
	6	1.6	4.8	3	0.4	4.0	1	1.4	7.2	1	0.4	4.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
October	22	0	1	0.7	4.5	1	0.7	5.0	1	1.2	6.6	2	0.4	2.7	Resolute - storm diminishing Halifax - storm start Resolute - storm start
	6	1	0.6	4.5	1	0.7	5.0	1	1.0	6.3	3	0.4	3.0		
	12	1	0.5	4.0	1	0.7	5.0	1	0.7	6.8	2	0.5	3.2		
	18	1	0.7	5.0	1	0.5	4.0	1	0.7	6.7	2	0.3	2.0		
	23	0	0,0		1	0.4	4.0	1	0.6	6.2	2	0.4	2.0		
	6	0,0			1	0.4	4.0	1	0.8	6.1	2	0.5	3.3		
	12	3	0.8	6.0	1	0.4	4.0	1	0.8	5.9	2	0.5	3.5		
	18	...			1	0.4	4.0	1	0.8	6.0	3	0.3	3.0		
	24	0	...		1	0.4	4.0	1	0.7	6.0	3	0.2	2.0		
	6	...			3	0.4	4.0	1	0.5	6.2	3	0.2	1.9		
	12	...			3	0.4	4.0	1	0.5	6.0	3	0.2	2.0		
	15	1	1.2	3.6	3	0.6	4.0	1	0.6	6.1	3	0.3	2.8		
18	1	1.0	3.5	3	0.6	4.0	1	0.7	6.0	3	0.3	2.8			
21	1	1.3	4.0	3	0.6	4.0	1	0.7	6.0	3	0.3	2.8			
25	0	1	1.4	4.0	3	1.0	5.0	1	0.6	6.1	3	0.3	2.8		
3	1	1.6	4.0	3	0.6	4.0	1	0.5	6.1	3	0.3	2.8			
6	1	1.3	4.0	3	0.6	4.0	1	0.5	6.1	3	0.3	2.8			
9	1	1.3	4.0	3	0.9	4.0	1	0.7	5.7	3	0.4	3.3			
12	3	0.9	4.0	3	1.7	5.0	1	0.9	6.0	2	0.4	3.2			
15	3	1.7	5.0	3	0.9	5.0	1	0.7	5.7	3	0.4	3.3			
18	3	1.7	5.0	3	1.7	5.0	1	0.9	6.0	2	0.4	3.2			
21	3	1.7	5.0	1	2.4	6.3	1	1.3	6.2	2	0.4	3.2			
26	0	1	6.0	6.8	1	2.9	6.8	1	2.3	6.4	2	0.6	3.2		
3	1	5.1	6.0	1	2.9	6.8	1	3.0	6.9	2	0.5	3.0			
6	1	3.9	6.0	1	2.9	6.8	1	2.1	6.5	2	0.5	3.0			
9	1	5.2	6.2	1	2.9	6.8	1	2.1	6.5	2	0.5	3.0			
12	1	5.7	7.0	1	2.9	6.8	1	2.1	6.5	2	0.5	3.0			



SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
October	26	15	1	5.7	7.0	1	2.7	6.2	1	2.4	6.2	1	0.4	2.7	Halifax - storm end Resolute - storm end Halifax - storm start
	18	1	4.3	6.2	1	2.7	6.2	1	1.9	6.6	...				
	21	1	2.8	6.0	1	1.5	4.4	1	1.8	6.4	3	0.3	3.5		
	27	0	1	2.5	5.0	1	1.5	4.4	1	1.4	6.7	3	0.3	3.2	
	3	1	0.8	3.5	3	1.0	4.0	1	1.3	6.0	3	0.3	3.2		
	6	1	1.4	4.0	3	1.0	4.0	1	1.1	5.7	3	0.2	5.0		
	9	3	1.4	4.0	3	1.0	4.0	1	0.9	5.8	3	0.1	2.3		
	12	15	3	0.7	3.0	3	1.0	4.0	1	0.8	5.6	3	0.1	2.3	
	18	0	1	1.0	3.5	3	0.9	4.0	1	0.9	5.2	3	0.1	2.8	
	28	6	1	1.0	3.5	3	0.9	4.0	1	0.7	5.6	3	0.1	2.3	
	12	1	0.6	3.4	3	0.9	4.0	3	0.1	2.0	
	18	1	0.7	3.0	3	0.5	4.0	1	0.5	5.6	3	0.3	2.1		
29	0	1	0.9	3.0	3	0.5	4.0	1	0.5	5.6	3	0.3	3.0		
3	1	0.9	3.0	3	0.2	3.7	1	0.9	6.3	3	0.2	2.5			
6	1	1.1	3.0	3	0.2	3.7	1	0.9	6.3	3	0.2	2.5			
9	1	0.7	3.0	3	0.2	3.6	1	0.7	5.9	3	0.2	2.0			
12	1	1.1	3.3	3	0.2	3.6	1	0.7	5.9	3	0.2	2.0			
15	1	0.9	3.0	3	0.2	3.7	1	0.5	5.8	3	0.2	2.8			
18	1	1.3	3.5	3	0.2	3.7	1	0.5	5.8	3	0.2	2.8			
21	1	0.8	3.0	3	0.4	4.0	1	0.5	5.6	3	0.3	2.5			
30	0	1	1.0	3.3	3	0.4	4.0	1	0.5	5.6	3	0.3	2.5		
3	1	1.3	3.7	3	0.4	4.0	1	0.7	6.0	3	0.3	2.7			
6	1	0.9	3.5	3	0.4	4.0	1	0.7	6.0	3	0.3	2.7			
9	1	1.4	4.0	3	0.4	4.0	1	0.7	6.0	3	0.3	2.7			
12	1	0.9	3.3	3	0.4	4.0	1	0.7	5.6	2	0.4	2.7			

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		October	30	15	0.9	3.3	3	0.4	4.0	1	0.5	6.0	2		0.5	3.0	Halifax - storm end Halifax - storm start International Day
	18	1	0.7	3.0	3	0.4	4.0	1	0.5	6.1	2	0.5	2.7		
	31	0	1.0	3.5	3	0.4	4.0	1	0.6	6.2	2	0.5	3.0		
		6	3	0.3	2.5	3	0.4	4.0	1	0.6	6.2	2	0.5	2.7	
	12	3	0.3	2.5	3	0.4	4.0	3	0.7	7.1	3	0.3	3.0		
November	1	0	1.2	4.5	3	0.4	4.0	...			2	0.5	2.5		
	6	1	0.7	4.0	3	0.5	4.0	...			2	0.8	3.5		
	12	1	0.6	2.9	3	0.5	4.0	3	0.7	7.6	2	0.8	3.5		
	18	1	0.6	2.8	3	0.5	4.0	...			2	0.5	2.5		
	2	0	1	0.6	2.8	3	0.5	4.0	1	1.3	6.4	2	0.5	3.0	
	6	1	0.6	2.8	3	0.5	4.0	1	2.6	7.7	2	0.9	3.0		
	12	1	0.6	2.8	3	0.5	4.0	1	1.8	7.0	2	0.7	3.0		
	18	1	1.2	3.7	3	0.6	4.0	1	1.1	6.6	2	0.7	3.0		
	3	0	1	1.6	4.3	3	0.6	4.0	1	1.1	6.2	2	0.7	3.0	
	6	1	1.6	4.3	3	0.7	4.0	1	0.9	6.3	2	0.8	3.0		
	12	1	1.1	4.0	3	1.8	4.0	1	0.9	6.3	2	0.6	3.0		
	18	1	1.0	3.9	3	1.6	4.0	1	0.9	6.0	2	0.7	3.0		
	4	0	1	0.8	3.2	3	1.1	4.0	1	0.8	6.0	2	0.7	3.0	
	1	1	0.5	2.6	3	1.1	4.0	1	0.8	6.0	2	0.6	3.0		
	2	1	0.8	2.9	3	1.1	4.0	1	0.9	6.1	2	0.7	2.5		
	3	1	0.9	3.0	3	0.9	4.0	1	1.1	5.8	2	0.6	2.5		
	4	1	1.0	3.0	3	0.9	4.0	1	0.8	5.8	2	0.8	3.0		
	5	1	0.9	3.0	3	0.9	4.0	1	0.9	6.0	2	0.6	2.5		
	6	1	1.3	3.0	3	0.9	4.0	1	0.9	5.9	2	0.4	2.0		
	7	1	1.2	3.1	3	0.9	4.0	1	0.8	5.7	2	0.4	2.0		
	8	1	1.6	3.5	3	0.9	4.0	1	0.8	5.9	2	0.3	1.5		

SEISMOLOGICAL BULLETIN - 1958



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		November	4	9	2.0	3.7	3	1.1	4.0	...			2		0.5	3.0	Halifax - storm end Quake
	10	1	1.9	3.5	3	1.1	4.0	...			2	0.6	3.0	
	11	1	1.9	3.5	3	1.1	4.0	1	0.7	5.7	2	0.5	2.5	
	12	1	3.2	3.5	3	1.1	4.0	1	0.7	5.8	2	0.4	2.0	
	13	1	2.1	3.8	3	0.9	4.0	1	0.6	6.1	2	0.4	2.0	
	14	1	1.9	3.5	3	0.9	4.0	1	0.8	5.8	2	0.6	3.0	
	15	1	1.9	3.6	3	0.9	4.0	1	0.7	5.7	2	0.3	2.0	
	16	1	1.6	3.5	3	0.9	4.0	1	0.7	5.7	2	0.3	2.5	
	17	1	1.6	3.5	3	0.9	4.0	1	0.7	5.7	2	0.4	2.5	
	18	1	1.8	3.5	3	1.1	4.2	1	0.7	5.8	2	0.4	2.5	
	19	1	2.3	4.0	3	1.1	4.2	1	0.7	5.8	2	0.4	2.5	
	20	1	1.6	3.6	3	1.1	4.2	1	0.7	5.8	2	0.5	2.5	
	21	1	1.4	3.6	3	1.1	4.2	1	0.7	6.0	2	0.4	2.5	
	22	1	1.8	4.0	3	1.1	4.4	...			2	0.4	2.5	
	23	1	1.8	4.0	3	1.1	4.3	1	0.7	5.4	2	0.4	2.5	
5	0	1	1.8	4.0	3	1.1	4.3	...			2	0.4	2.5	
	6	1	1.6	4.0	3	1.4	5.2	1	0.7	5.8	3	0.2	2.5	
	12	1	1.4	4.0	3	1.2	5.2	1	0.8	6.3	3	0.2	2.5	
	18	1	2.0	4.5	3	0.7	4.7	1	0.6	6.4	0,0	0.2	2.5	
6	0	1	1.1	4.0	3	0.4	5.0	1	1.0	7.1	3	0.5	3.5	
	6	1	0.9	4.0	3	0.4	5.0	1	1.1	7.0	3	0.4	3.0	
	12	1	0.6	4.1	3	0.4	5.0	1	1.3	7.7	2	0.5	3.0	
	18	3	0.4	3.2	3	0.4	5.0	1	0.9	6.9	2	0.6	4.0	
7	0			Quake
	6	3	0.4	3.0	3	0.3	4.0	...			2	0.7	3.5	
	12	1	0.4	3.0	3	0.3	3.5	...			2	0.5	3.5	
	18	1	0.5	2.8	3	0.3	3.5	...			3	0.4	3.0	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		8	0	1	1.6	3.0	3	0.4	3.5	1	0.9	5.6		2	0.3	2.0	Halifax - storm start
	3	1	2.6	3.5	1	1.4	4.7	2	2.6	5.9	3	0.6	2.0	Resolute - storm start
	6	1	5.0	4.0	1	1.5	4.7	2	2.8	7.0	2	1.0	3.5	
	9	1	3.6	4.0	...			2	4.3	9.7	2	1.4	4.5	
	12	1	2.7	4.0				2	4.6	7.7	2	1.1	3.5	
	15	1	2.8	4.5				2	3.8	7.8	2	0.7	3.0	Ottawa - storm start
	18	1	2.3	4.3				2	3.9	7.8	2	0.7	3.0	
	21	1	1.7	4.1				2	2.7	7.8	2	0.7	3.0	
	9	0	1	2.5	5.0	1	2.2	5.0	2.6	7.2	2	0.7	3.0	
	3	1	3.3	5.0	1	2.7	5.5	2	2.6	6.9	2	0.7	3.0	
	6	1	3.3	5.0	1	2.7	5.5	2	2.2	6.9	2	0.7	3.0	
	9	1	4.3	5.5	1	3.2	5.7	2	1.9	6.7	2	0.7	3.0	
	12	1	5.4	5.5	1	3.3	5.8	2	2.5	6.5	2	0.6	3.0	
	15	1	5.1	6.0	1	4.0	5.8	2	2.9	6.5	2	0.6	3.0	
	18	1	4.7	6.5	1	5.7	6.7	2	3.0	6.6	2	0.6	3.0	
	21	1	4.7	6.5	1	5.6	6.5	2	3.4	6.4	2	0.7	3.5	International Day
	10	0	1	3.8	6.5	1	5.0	7.0	2.8	6.2	2	0.6	3.0	
	1	1	4.7	6.5	1	6.0	7.0	2	2.7	6.1	2	0.7	3.0	
	2	1	4.7	6.5	1	5.0	7.0	2	2.7	6.4	2	0.7	3.0	Resolute - storm end
	3	1	5.1	6.5	1	4.0	6.8	2	2.2	6.3	2	0.6	3.0	
	4	...			1	3.7	6.3	2	2.0	6.9	2	0.6	3.0	
	5	1	5.1	6.5	1	3.0	6.4	2	1.7	6.6	2	0.6	3.0	Halifax - storm end
	6	3	4.8	6.5	1	2.9	6.2	2	1.9	6.6	2	0.4	2.5	
	7	3	4.8	6.5	1	3.1	6.2	1	1.6	6.3	2	0.5	3.0	
	8	3	5.1	6.5	1	2.6	6.0	1	1.4	6.3	2	0.4	2.5	
	9	3	5.1	6.0	1	3.3	7.0	1	1.4	6.1	2	0.5	3.0	Ottawa - storm end
	10	...			1	2.8	6.0	1	1.4	6.3	2	0.4	2.5	



SEISMOLOGICAL BULLETIN - 1958

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		10	11	3	0.3	2.0	1	2.8	6.0	1	1.1	6.2		2	0.3	2.5
	12	3	1.1	3.0	3	2.6	6.0	...			2	0.5	3.0	
	13	3	0.9	3.0	3	2.0	6.0	1	1.0	6.2	2	0.5	3.0	
	14	3	1.1	2.9	3	2.1	6.0	1	1.1	5.8	2	0.5	3.0	
	15	3	0.9	3.0	3	2.1	6.0	1	1.0	6.2	2	0.5	3.0	
	16	3	0.9	3.0	3	2.5	6.0	1	0.9	6.4	2	0.4	3.0	
	17	3	0.9	3.0	3	1.5	5.2	1	1.0	6.1	3	0.4	3.0	
	18	3	1.4	3.6	3	1.0	5.0	1	0.8	5.9	3	0.4	3.0	
	19	3	1.6	3.5	3	1.0	5.0	1	1.0	6.2	3	0.3	3.0	
	20	...			...			1	1.0	6.3	3	0.3	3.0	
	21	...			3	1.1	5.0	1	0.7	6.4	3	0.4	3.0	
	22	...			3	1.4	6.0	1	1.0	6.4	3	0.3	3.0	
	23	...			3	1.0	5.0	1	1.1	6.2	3	0.3	3.0	
	11	0	...		3	1.1	5.0	1	1.1	6.4	3	0.4	3.0	
	1	...			3	1.0	5.0	2	1.2	7.0	2	0.5	3.0	
	2	...			3	1.6	5.5	2	1.4	6.7	2	0.5	3.0	
	3	...			3	1.1	5.0	2	1.5	7.0	2	0.5	3.0	
	4	...			3	0.9	4.0	2	1.6	7.0	2	0.6	3.0	
	5	...			3	0.9	4.0	2	1.4	7.1	2	0.5	3.0	
	6	...			3	0.9	4.0	2	1.3	6.9	2	0.5	3.0	
	7	...			3	0.9	4.0	2	1.2	6.8	2	0.5	3.0	
	8	...			3	1.1	4.0	2	1.4	6.9	2	0.6	3.5	
	9	...			3	1.0	4.0	2	1.2	6.7	2	0.5	3.0	
	10	...			3	0.9	4.0	2	1.2	6.6	2	0.5	3.0	
	11	...			3	0.1	4.0	2	1.1	6.8	2	0.4	2.5	
	12	...			3	0.1	4.0	...			2	0.4	3.0	
	13	1	2.3	4.0	3	0.1	4.0	2	1.2	6.0	2	0.4	3.0	International Day

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		11	14	2.3	4.0	4.2	1.6	4.2	1.3	6.2	2	0.5	3.0	
	15	1.8	5.0	4.8	1.8	4.8	1.2	6.1	2	0.5	3.0			
	16	1.8	5.0	4.5	1.3	4.5	1.0	6.2	2	0.5	3.0			
	17	1.8	5.0	5.0	2.0	5.0	1.0	6.4	3	0.4	3.0			
	18	3.3	5.0	5.0	1.9	5.0	0.9	5.9	2	0.4	2.5			
	19	2.4	4.2	5.0	2.0	5.0	1.1	5.9	2	0.4	3.0			
	20	3.2	4.5	5.0	1.9	5.0	0.9	5.9	2	0.4	3.0			
	21	3.9	5.0	5.0	1.9	5.0	1.0	6.0	2	0.5	3.0			
	22	3.9	5.0	5.0	2.0	5.0	0.8	6.1	3	0.3	3.0			
	23	3.9	5.0	5.0	1.9	5.0	0.9	5.8	2	0.5	3.0			
12	0	2.8	4.5	4.7	1.6	4.7	0.9	5.8	3	0.5	3.0			
	6	2.5	4.5	4.8	1.6	4.8	0.7	5.8	3	0.5	3.0			
	12	2.1	4.7	5.0	2.0	5.0	1.4	5.6	3	0.3	2.5		Resolute - storm start	
	18	2.2	5.0	5.0	1.4	5.0	1.4	5.6	3	0.3	2.5			
13	0	2.1	4.7	5.5	2.7	5.5	...	...	3	0.3	2.5		
	3	2.5	5.0	5.5	2.7	5.5	1	5.8	3	0.4	3.0			
	6	2.5	5.0	5.5	2.7	5.5	1	5.8	3	0.4	3.0			
	9	2.5	5.0	5.5	2.2	5.5	1	5.9	3	0.3	2.5			
	12	2.5	5.0	5.5	2.2	5.5	1	6.0	3	0.3	2.5			
	15	2.5	5.0	5.5	2.2	5.5	1	5.9	3	0.3	2.5			
	18	2.5	5.0	5.5	2.2	5.5	1	5.9	3	0.3	2.5			
	21	2.5	5.0	5.5	2.2	5.5	1	6.1	3	0.3	2.5			
14	0	2.5	5.0	5.5	2.2	5.5	1	5.9	3	0.3	2.5			
	3	2.7	5.0	5.5	2.2	5.5	1	5.9	3	0.3	2.5			
	6	2.7	5.0	5.5	1.9	5.5	...	...	3	0.3	2.5		
	12	1.6	4.5	5.0	1.4	5.0	1	5.8	3	0.3	2.5			
	18	1.0	4.0	5.2	1.5	5.2	1	6.0	3	0.3	2.5			

SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		15	0	0.7	4.0	5.2	1.2	5.2	1	0.8	6.0	3	0.4		3.0
	6	0.5	3.8	5.1	1.1	5.1	1	0.8	5.9	3	0.4	3.0		
	12	0.3	2.8	5.0	0.9	5.0	1	0.7	5.9	3	0.4	3.0		
	18	0.3	2.7	5.0	0.4	5.0	1	0.7	5.8	3	0.4	3.0		
16	0	0.3	3.3	4.0	0.3	4.0	...	...	...	0,0			
	6	0.5	3.4	4.0	0.3	4.0	1	0.7	6.0	0,0				
	12	0.6	2.8	4.0	0.5	4.0	1	0.7	5.8	0,0				
	18	0.9	3.4	4.0	0.5	4.0	1	1.3	6.2	3	0.2	2.0		
17	0	0.9	3.7	4.8	0.8	4.8	1	1.2	6.4	2	0.5	3.0		
	6	1.1	4.0	5.0	1.0	5.0	1	1.2	6.1	2	0.3	2.5		
	12	1.2	4.3	5.0	1.0	5.0	1	1.3	6.0	2	0.4	2.5		
	18	0.9	4.0	5.0	1.1	5.0	1	1.3	6.0	2	0.5	2.5		
18	0	2.3	6.0	5.3	1.1	5.3	1	1.3	6.2	2	0.8	3.0		
	1	1.0	4.7	5.4	1.1	5.4	1	1.7	6.0	2	0.7	3.0		
	2	2.2	6.0	5.5	1.5	5.5	1	1.5	6.5	2	0.7	3.0		
	3	0.6	4.0	5.6	1.5	5.6	1	1.8	6.0	2	0.6	3.0		
	4	1.3	5.0	5.6	1.5	5.6	1	1.6	6.3	2	0.7	2.5		
	5	0.7	4.4	5.6	1.3	5.6	1	1.2	6.4	2	0.7	3.0		
	6	0.6	3.5	5.6	1.3	5.6	1	1.6	6.4	2	0.8	3.0		
	7	0.4	3.2	6.0	2.3	6.0	1	1.7	6.2	2	0.7	2.5		
	8	0.6	3.7	6.0	1.6	6.0	...	...	...	2	0.5	2.5	
	9	0.3	2.5	6.0	1.4	6.0	...	...	...	2	0.6	2.5	
	10	0.8	4.0	6.0	1.4	6.0	1	1.7	6.6	2	0.6	2.5		
	11	0.3	2.4	6.0	1.4	6.0	1	1.6	6.6	2	0.6	2.5		
	12	0.2	2.0	5.5	1.5	5.5	1	1.9	6.8	2	0.6	2.5		
	13	0.3	2.4	5.5	1.1	5.5	1	1.6	6.6	2	0.6	2.5		
	14	0.3	2.1	5.5	1.1	5.5	1	1.5	6.2	2	0.5	2.5		

International Day

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
November	18	15	0.2	2.2	3	1.0	5.0	1	2.1	6.1	2	0.5	2.5	
	16	1	0.3	2.5	3	1.0	5.2	1	2.0	5.7	2	0.5	2.5	
	17	1	0.4	2.6	3	1.1	5.5	...			2	0.6	2.5	
	18	1	0.3	2.2	3	1.1	5.5	3	1.8	6.2	2	0.5	2.5	
	19	1	0.2	2.0	3	1.0	5.0	...			2	0.7	3.0	
	20	1	0.4	2.5	3	1.0	5.1	3	2.2	5.6	2	0.5	2.5	
	21	1	0.3	2.5	3	1.0	5.1	3	1.9	5.7	2	0.5	2.5	
	22	1	0.2	2.2	3	1.0	5.0	3	1.7	5.8	2	0.5	2.5	
	23	1	0.2	2.2	3	1.1	5.2	3	1.8	5.3	2	0.7	3.0	
	19	0	1	0.4	2.6	3	1.0	5.0	3	1.4	6.3	2	0.7	3.0
20	6	1	0.2	2.0	3	0.6	4.0	1	0.8	5.9	2	0.5	2.5	
	12	1	0.3	2.5	3	0.5	4.0	1	0.6	6.2	2	0.5	2.5	
	18	1	0.2	2.1	3	0.5	4.0	1	0.5	6.0	2	0.4	2.5	
	0	1	0.6	3.0	3	0.6	4.0	1	0.7	5.7	2	0.3	2.5	
	6	1	0.5	3.0	3	0.6	4.0	...			2	0.4	2.0	
	12	1	0.6	3.0	3	0.6	4.0	1	0.6	5.1	2	0.4	2.5	
	18	1	0.9	3.6	3	0.4	3.8	1	0.7	5.3	3	0.4	3.0	
	0	1	0.8	4.0	3	0.4	3.8	1	0.6	5.4	2	0.3	2.0	
	6	1	0.6	3.8	3	0.5	4.0	1	0.7	5.0	3	0.2	2.0	
	12	1	0.4	3.4	3	0.5	4.0	1	0.8	5.0	3	0.2	2.0	
22	18	1	0.6	3.5	3	0.6	4.4	1	1.0	5.4	3	0.2	2.0	
	0	1	0.6	3.3	3	0.9	4.5	1	1.2	5.2	3	0.2	2.0	
	6	1	0.1	2.0	3	1.0	5.0	1	0.8	5.6	3	0.2	2.0	
	12	1	0.3	2.7	3	0.9	5.0	1	0.8	5.8	3	0.2	2.0	
	18	1	0.3	2.6	3	0.7	5.0	1	0.8	5.7	3	0.1	2.0	
	0	1	0.6	3.6	3	0.7	5.0	1	0.7	5.8	3	0.2	2.0	
	6	1	0.7	3.5	3	1.3	4.5	1	0.7	5.8	3	0.2	2.0	
	12	1	0.7	3.5	3	1.3	4.5	1	0.7	5.8	3	0.2	2.0	
	18	1	0.7	3.5	3	1.3	4.5	1	0.7	5.8	3	0.2	2.0	
	23	6	1	0.7	3.5	3	1.3	4.5	1	0.7	5.8	3	0.2	2.0



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DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
November	23	12	0.7	3.4	3	1.6	4.5	1	0.6	5.4	0,0	0.2	2.5		
	18	1	0.5	3.1	1	1.6	4.5	1	0.7	5.4	3	0.1	2.0		
	24	0	1	1.8	4.4	1	1.4	5.0	1	0.7	5.5	3	0.1	2.0	
	6	1	0.9	4.0	1	1.6	5.2	1	0.7	5.6	3	0.1	2.0		
	12	1	1.2	4.3	1	1.6	5.2	1	0.8	5.5	3	0.1	2.0		
	18	3	0.5	2.5	1	1.7	5.0	1	1.1	5.7	3	0.1	2.0		
	0	3	0.9	4.4	1	1.4	5.0	1	0.9	5.9	0,0				
	6	1	0.9	3.4	3	1.2	4.0	1	0.8	5.9	0,0				
	12	1	1.1	3.2	3	1.2	4.0	1	0.7	5.6	3	0.3	3.0		
	18	1	2.5	4.2	3	1.4	5.0	1	0.9	5.7	3	0.1	2.5		
26	0	1	2.0	4.1	3	1.4	5.0	1	1.1	5.8	3	0.1	2.5		
	6	1	3.3	5.0	3	1.4	5.0	1	1.2	5.9	3	0.1	2.5		
	12	1	3.2	5.3	3	1.9	6.0	1	0.9	6.0	3	0.1	2.5		
	18	1	3.3	5.7	3	2.1	6.0	1	1.1	6.4	3	0.3	3.0		
	0	3	1.7	4.6	3	1.8	6.0	1	0.8	6.3	3	0.2	3.0		
	6	3	0.6	3.2	3	0.9	4.0	1	0.8	6.4	3	0.1	2.5		
	12	1	0.4	2.0	3	1.3	4.5	3	0.9	6.9	3	0.1	2.5		
	18	1	2.8	3.7	1	1.0	4.0	...			0,0				
	0	1	3.7	4.7	...			3	1.3	6.4	3	0.2	2.5		
	6	1	2.0	4.0	...			3	1.4	6.0	3	0.2	2.5		
29	12	1	2.4	4.5	...			3	1.6	5.9	3	0.2	2.5		
	18	1	3.6	5.5	...			1	2.3	5.8	3	0.4	3.0		
	0	1	2.5	5.0	...			1	2.0	5.9	3	0.4	3.0		
	6	1	2.1	4.0	3	2.8	6.0	1	1.5	5.7	3	0.3	3.0		
	12	1	1.3	3.0	3	2.3	5.0	1	1.2	5.9	2	0.4	3.0		
	18	1	1.8	3.5	1	1.2	4.0	1	1.2	6.0	2	0.7	3.0		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
November	30	0	2.4	4.1	1	1.4	5.0	1	1.1	6.5	2	0.8	3.0	Resolute - storm start
	6	1	1.8	3.7	1	2.3	5.0	1	1.1	6.4	2	0.6	3.0	
	12	1	2.6	4.5	1	1.4	5.0	1	1.1	6.6	2	0.6	3.0	
December	18	1	2.8	4.6	...			1	1.3	5.9	...			
	0	1	8.4	6.2	...			1	2.9	6.1	2	0.5	3.0	
	6	1	3.7	5.0	...			2	4.9	6.5	2	0.4	2.5	
12	...						2	2.5	6.2	2	0.6	3.0		
18	3	2.6	4.5	...			3	1.9	6.4	2	0.8	2.7		
2	0	3	1.0	4.5	3	1.3	5.0	3	1.2	6.0	2	0.7	3.0	
3	3	1	1.3	4.6	3	1.0	5.0	3	0.8	7.0				
6	1	1.3	4.6	3	3	4.5	3	1.1	6.9	2	0.8	3.0		
9	1	0.6	3.2	3	3	4.5	3	1.4	8.0	2	0.8	3.0		
12	1	2.0	3.8	3	3	4.0	3	1.7	8.2	2	1.0	3.0		
15	1	1.9	4.1	3	3	4.0	3	1.5	7.7	2	0.7	3.0		
18	1	1.8	4.0	1	3	4.0	3	1.0	7.6	2	0.7	3.0		
12	1	2.3	4.5	1	1	5.0	3	1.0	6.1	2	0.7	3.0		
18	1	2.2	4.8	...			3	1.0	6.2	2	0.7	3.0		
4	0	1	3.5	4.9	...		1	0.8	5.9	2	0.5	3.0		
6	1	5.7	5.6	...			1	0.7	5.9	2	0.5	3.0		
12	1	3.7	5.8	...			...	1.0	6.1	3	0.4	3.0
18	1	1.7	4.3	1	3.5	6.0	1	1.0	6.2	3	0.3	2.5		
5	0	1	0.6	2.8	1	2.6	6.0	1	0.9	6.9	3	0.3	3.5	
6	1	2.8	4.1	1	2.6	4.6	1	1.1	6.3	3	0.2	3.0		



SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
December	5	12	2.5	4.2	1	2.7	4.5	1	1.1	6.4	3	0.2	3.5	International Period start International Day
	18	1	1.3	3.9	1	1.0	4.0	3	0.9	7.0	0,0			
	6	0	1	1.5	4.5	1	1.0	4.0	3	0.8	6.3	3	0.2		2.5
7	6	1	1.3	4.0	1	1.0	4.0	3	0.7	6.9	3	0.2	4.2	
	12	1	1.4	3.6	1	1.4	4.5	3	0.7	6.8	3	0.2	2.5	
	18	1	1.6	4.0	1	1.3	4.5	1	0.6	6.1	3	0.1	1.8	
8	0	1	2.3	4.8	...			1	0.8	6.0	3	0.3	3.0	
	6	1	1.1	3.7	1	1.3	5.0	1	0.7	5.8	3	0.2	2.0	
	12	1	1.7	4.2	1	1.4	5.0	1	0.8	5.9	3	0.2	1.5	
9	18	1	1.4	4.1	1	1.4	5.0	1	0.9	5.7	...			
	0	1	1.7	4.3	1	1.4	5.0	1	0.9	5.8	2	0.5	2.5	
	6	1	1.0	3.7	1	1.4	5.0	1	1.0	5.6	2	0.5	2.7	
10	12	1	0.7	3.3	1	1.4	5.0	1	0.9	5.7	2	0.5	3.0	
	18	1	0.6	3.2	1	1.4	5.0	2	1.8	6.4	2	0.4	2.7	
	0	1	1.0	3.9	3	1.5	5.1	2	1.8	6.3	3	0.3	2.7	
11	6	1	0.4	3.4	3	2.8	5.1	1	1.1	5.9	3	0.3	3.0	
	12	1	0.4	3.2	3	1.3	5.0	1	0.9	6.0	3	0.3	3.0	
	18	1	1.2	4.2	3	0.7	4.0	1	1.0	6.1	...			
12	0	1	0.9	3.8	3	0.5	3.0	1	0.9	6.2	3	0.3	3.0	
	1	1	0.5	2.7	3	0.4	3.0	1	1.0	6.4	3	0.2	3.0	
	2	1	0.6	3.4	3	0.6	3.0	1	1.0	6.2	3	0.3	3.0	
13	3	1	0.6	1.2	3	0.6	3.5	1	1.0	6.2	3	0.2	3.0	
	4	1	0.6	1.3	3	0.6	3.5	1	1.2	5.9	3	0.3	3.0	
	5	1	0.6	1.1	3	0.5	3.0	1	1.0	6.3	3	0.2	3.0	
14	6	1	0.7	1.1	3	0.5	3.0	1	1.1	6.2	3	0.2	3.0	
	7	1	0.8	1.4	3	0.5	3.0	1	1.1	6.2	3	0.2	3.0	
	8	1	0.7	1.3	3	0.7	4.0	...	0.8	6.2	3	0.3	3.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
December	10	9	0.8	1.4	3	0.7	4.0	...	0.9	6.4	3	0.3	3.2	International Day
	10	1	0.8	1.4	3	0.7	4.0	1	0.8	6.2	3	0.3	3.0	
	11	1	0.5	1.1	3	0.7	4.0	1	0.8	6.2	3	0.4	3.0	
	12	1	0.6	1.1	3	0.7	4.0	1	0.9	6.2	3	0.4	3.5	
	13	1	0.8	1.1	3	0.7	4.0	1	0.8	6.3	3	0.3	2.5	
	14	1	0.8	1.3	3	0.7	4.0	1	0.8	6.3	3	0.3	3.5	
	15	1	1.3	1.0	3	0.7	4.0	1	0.8	6.5	3	0.3	3.5	
	16	1	0.8	1.1	3	0.7	4.0	1	0.9	6.3	3	0.3	3.5	
	17	1	0.8	1.3	3	0.7	4.0	1	0.7	6.2	0,0			
	18	1	0.8	1.2	3	0.7	4.0	1	0.7	6.1	3	0.3	3.5	
	19	1	0.9	1.3	3	0.7	4.0	1	0.9	6.0	3	0.4	3.5	
	20	1	1.4	1.5	3	0.7	4.0	1	0.9	6.0	3	0.3	3.0	
	21	1	1.3	1.4	3	0.7	4.0	1	1.0	6.0	3	0.3	3.0	
	22	1	1.8	1.4	3	0.7	4.0	...						
	23	1	0.8	1.2	3	0.7	4.0	...						
	0	1	1.4	1.2	3	0.8	4.0	...						
	1	1	1.4	1.1	3	0.7	4.0	...						
	2	1	1.7	1.3	3	0.7	4.0	...	1.0	7.8	3	0.5	4.0	
	3	1	0.5	0.9	3	0.6	4.0	2	1.1	8.0	3	0.5	4.0	
	4	1	1.0	1.1	3	0.6	4.0	2	1.5	7.9	2	0.6	4.0	
	5	1	1.2	1.2	3	0.6	4.0	2	1.5	7.8	2	0.7	4.0	
	6	1	1.4	1.2	3	0.9	5.0	2	1.7	8.2	2	0.7	4.0	
	7	1	1.1	1.3	3	1.0	5.0	2	1.7	7.9	2	0.6	4.0	
8	1	0.8	1.1	3	1.0	5.0	2	1.8	7.9	2	0.7	4.0		
9	1	0.5	1.1	3	1.0	5.0	...							
10	1	0.5	1.3	3	1.2	5.0	2	1.6	7.8	2	0.7	4.0		
11	1	1.0	0.8	3	0.9	5.0	2	1.5	7.8	2	0.7	4.0		

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DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
December	11	12	1.5	1.1	3	0.9	5.0	2	1.2	7.6	2	0.6	4.0	
	13	1	0.8	1.0	3	0.9	5.0	2	1.2	7.8	2	0.8	4.0	
	14	1	0.9	1.0	3	0.9	5.0	2	1.4	7.3	2	0.7	4.0	
	15	1	1.7	4.4	3	1.3	5.5	2	1.1	7.5	2	0.8	4.0	
	16	1	0.9	3.8	3	1.3	5.5	...						
	17	1	1.0	4.2	3	1.3	5.5	2	1.3	7.5	...			
	18	1	0.9	4.1	3	1.2	5.0	2	1.3	7.7	2	0.6	3.5	
	19	1	1.0	5.0	3	1.3	5.0	2	1.4	7.6	2	0.6	3.5	
	20	1	0.8	4.4	3	1.3	5.0	2	1.4	7.4	2	0.6	3.5	
	21	1	0.9	4.6	3	1.0	5.0	2	1.4	7.8	2	0.7	3.0	
	22	1	1.3	4.7	3	1.0	5.0	2	1.0	7.7	2	0.6	3.0	
	23	1	1.3	5.5	3	1.3	5.0	2	1.4	7.2	2	0.6	3.0	
	0	1	1.8	5.2	3	1.3	5.0	1	1.0	7.1	2	0.6	3.0	
	1	...			3	1.3	5.0	1	1.0	7.4	2	0.6	3.5	
	2	...			3	1.3	5.0	1	1.0	7.3	2	0.6	3.5	
	3	...			3	1.3	5.0	1	1.1	6.8	2	0.5	3.5	
	4	...			3	1.3	5.0	1	1.1	6.8	2	0.6	3.5	
	5	...			3	1.4	5.0	1	1.0	7.5	2	0.6	3.5	
	6	...			3	1.2	5.2	1	0.9	6.4	2	0.7	3.5	
	7	1	0.7	3.6	3	1.3	5.0	1	0.9	6.9	2	1.2	3.5	
	8	1	0.8	3.4	3	1.3	5.0	1	0.9	6.6	2	1.2	3.5	
	9	1	1.1	3.8	3	1.3	5.0	1	0.9	7.0	2	1.1	3.5	
	10	1	0.7	3.2	3	2.2	5.4	1	1.2	7.0	2	1.2	3.5	
11	1	1.4	3.9	3	2.4	5.4	2	1.1	7.2	2	1.2	3.5		
12	1	1.1	4.3	3	2.4	5.4	2	1.3	6.6	2	1.0	3.0		
13	1	1.5	4.0	3	2.4	5.4	2	1.5	6.9	2	1.1	3.5		
14	1	1.7	4.0	1	2.4	5.4	2	1.6	6.5	2	1.1	3.5		

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		12	15	1	2.1	4.2	1	2.4	5.5	2	1.5	6.4		2
	16	1	3.0	4.9	1	2.4	5.5	2	1.3	6.6	3	0.9	3.5	
	17	1	3.2	4.8	1	3.2	5.5	2	1.4	6.1	2	1.2	3.5	
	18	1	2.4	4.7	1	3.2	5.5	1	1.5	6.5	3	1.0	3.5	
	19	...			1	3.5	6.0	1	1.4	6.3	2	1.0	3.5	
	20	...			1	3.5	6.0	1	1.5	6.5	...			
	21	...			1	3.5	6.0	1	1.8	6.2	3	0.9	3.5	
	22	1	1.1	3.0	1	3.5	6.0	1	1.7	6.2	3	1.0	3.5	
13	23	1	1.8	3.7	1	2.8	5.4	1	1.7	6.2	3	1.0	3.5	
	0	1	2.3	4.2	1	2.6	6.0	1	1.4	6.2	3	1.0	3.5	
	1	1	2.2	4.0	1	2.4	5.6	1	1.5	6.1	3	1.0	3.5	
	2	1	2.2	3.8	1	2.4	5.6	1	1.5	6.2	3	0.9	3.5	
	3	1	1.4	3.5	1	2.4	5.5	1	1.5	6.4	3	0.9	3.5	
	4	1	2.2	4.0	1	2.4	5.5	1	1.5	6.3	3	0.8	3.0	
	5	1	2.3	4.0	1	2.4	5.5	1	1.6	6.7	3	0.8	3.0	
	6	1	2.3	4.2	1	2.4	5.5	1	1.3	6.8	3	0.9	3.5	
	7	1	2.0	3.8	1	2.4	5.5	1	1.6	6.4	3	0.8	3.5	
	8	1	1.7	4.0	1	2.3	5.5	1	1.7	6.6	3	0.8	3.5	
	9	1	2.1	4.4	3	1.9	5.5	1	1.5	6.7	3	0.7	3.0	
	10	1	1.6	4.2	3	1.7	5.0	1	1.8	6.8	3	0.9	3.0	
	11	1	1.7	4.5	3	1.7	5.0	1	1.7	7.2	3	0.7	3.5	
	12	1	1.5	4.0	3	1.6	5.0	1	1.6	7.0	3	0.7	3.5	
	13	1	1.5	4.2	3	1.6	5.0	1	1.7	7.2	3	0.7	3.5	
	14	1	1.5	4.0	3	1.4	5.0	1	1.9	6.8	3	0.7	3.0	
	15	1	1.8	4.3	3	1.4	5.0	1	1.5	7.4	3	0.8	3.5	
	16	1	2.0	4.7	3	1.4	5.0	1	2.1	7.6	2	0.9	3.0	
	17	1	1.6	4.2	3	1.8	6.0	1	1.8	7.1	3	1.0	3.0	
									1.8	7.1	3	0.8	3.5	

SEISMOLOGICAL BULLETIN - 1958



DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	T	K	A	T	K	A	T	K	A		T
		13	18	1	1.5	4.0	3	1.8	6.0	2	1.6	7.5		3	1.0	3.5
	19	1	1.4	4.0	3	1.8	6.0	2	1.5	7.1	3	0.8	3.5	
	20	1	1.2	4.0	3	1.8	6.0	2	1.7	7.4	3	0.9	3.5	
	21	1	1.4	4.0	3	1.8	6.0	2	1.6	7.3	3	1.0	3.0	
	22	1	1.4	4.0	3	1.8	6.0	2	1.5	7.3	3	0.9	3.5	
14	23	1	2.4	5.0	3	1.8	6.0	2	1.6	7.0	3	0.8	3.5	
	0	1	2.4	5.1	3	1.8	6.0	2	1.5	7.1	2	1.0	3.5	
	1	1	2.1	4.0	3	1.8	6.0	2	1.5	6.6	3	0.9	3.5	
	2	1	1.8	3.7	3	1.8	6.0	1	1.4	7.0	3	0.9	3.5	
	3	1	1.9	3.7	3	1.8	6.0	1	1.4	6.7	2	0.4	3.0	
	4	1	1.9	3.7	3	1.8	6.0	1	1.3	7.2	2	0.5	3.5	
	5	1	2.1	3.9	3	1.8	6.0	1	1.5	6.6	3	0.4	3.5	
	6	1	1.6	3.7	3	1.8	6.0	1	1.4	6.6	3	0.4	3.5	
	7	1	2.2	4.0	3	1.8	6.0	1	1.0	6.8	3	0.4	3.0	
	8	1	1.9	4.0	3	1.8	6.0	...			3	0.4	3.0	
	9	1	2.2	4.1	3	1.8	6.0	1	1.1	6.6	3	0.4	3.5	
	10	1	2.1	4.0	3	1.8	6.0	1	1.1	6.7	3	0.3	3.5	
	11	1	1.7	4.0	3	1.6	5.4	1	1.0	6.8	3	0.3	3.1	
	12	1	1.0	4.0	3	1.4	5.0	1	1.2	6.5	3	0.4	3.3	
	13	1	1.1	3.8	3	1.4	5.0	1	0.9	6.5	3	0.4	3.4	
	14	1	1.3	3.7	3	1.4	5.0	...			3	0.3	3.2	
	15	1	1.6	4.2	3	1.0	5.0	1	0.7	6.7	2	0.4	3.2	
	16	1	1.4	4.0	3	1.0	5.0	1	0.7	6.5	3	0.3	2.8	
	17	1	1.4	3.9	3	0.9	5.0	1	0.8	6.4	...			
	18	1	0.8	4.1	3	0.9	5.0	1	0.7	6.5	3	0.3	3.0	
	19	1	0.8	3.2	3	0.7	5.0	1	0.8	6.4	3	0.4	3.0	
	20	1	0.8	3.2	3	0.7	5.0	1	0.8	6.4	3	0.4	3.0	

DOMINION OBSERVATORIES

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	K	A	T	K	A	T	K	A	T		
December 14 15	21	1	1.2	3	0.7	5.0	1	0.7	6.4	3	0.3	3.0		
	22	3	0.8	3	0.6	5.0	1	0.7	6.2	3	0.3	3.0		
	23	3	1.1	3	0.6	5.0	1	0.7	6.4	3	0.3	3.0		
	0	1	1.1	3	0.6	5.0	1	0.6	6.2	3	0.4	3.0		
	1	3	0.9	3	0.5	4.0	1	0.7	6.8	3	0.3	3.0		
	2	3	0.6	3	0.5	4.0	1	0.8	6.3	3	0.4	3.0		
	3	1	1.0	3	0.5	4.0	1	0.6	6.3	3	0.3	3.0		
	4	3	0.9	3	0.5	4.0	1	0.8	6.3	3	0.3	3.0		
	5	3	1.1	3	0.5	4.0	1	0.7	6.2	3	0.3	3.0		
	6	1	0.7	3	0.5	4.0	1	0.7	6.1	3	0.3	3.0		
	7	3	0.9	3	0.5	4.0	1	0.6	6.2	3	0.3	3.0		
	8	3	0.9	3	0.5	4.0	1	0.6	6.8	3	0.3	3.0		
	9	3	0.9	3	0.5	4.0	1	0.6	6.4	3	0.3	3.0		
	10	3	0.7	3	0.5	4.0	1	0.6	6.4	3	0.3	3.0		
	11	3	0.6	3	0.5	4.0	1	0.6	6.4	3	0.3	3.0		
	12	1	0.7	3	0.4	3.0	...				3	0.3	3.0	
	13	3	0.6	3	0.4	3.0	1	0.6	6.4	3	0.3	3.0		
	14	1	0.9	3	0.4	3.0	1	0.7	6.5	3	0.3	3.0		
	15	3	0.8	3	0.4	3.0	1	0.6	6.5	3	0.3	3.0		
	16	3	0.9	3	0.5	3.3	1	0.6	6.3	2	0.4	2.5		
	17	1	0.9	3	0.5	3.3	1	0.6	6.5	3	0.2	3.0		
	18	1	0.9	3	0.7	3.3	1	0.6	6.9	3	0.3	2.5		
	19	1	0.9	3	0.8	3.4	1	0.6	6.5	3	0.2	2.5		
20	1	1.0	3	1.0	3.8	1	0.6	7.0	3	0.2	2.5			
21	1	1.1	3	1.1	3.8	1	0.6	6.2	3	0.3	3.0			
22	1	1.3	3	1.1	3.8	1	0.6	6.2	3	0.2	3.2			
23	1	1.6	3	1.4	4.0	1	0.6	6.2	3	0.3	3.0			



SEISMOLOGICAL BULLETIN - 1958

DATE	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
	H O U R	K	A	K	A	T	K	A	T	K	A	T		
December 16 17	0	1	2.3	1	2.3	4.0	1	0.7	6.0	0,0	0.1	2.5		
	1	1	2.3	1	2.1	4.0	1	0.6	6.3	3				
	2	1	2.0	1	1.7	4.0	1	0.7	6.4	0,0				
	3	2	2.6	1	1.7	4.0	...				3	0.2	2.5	Halifax - storm start
	4	2	2.6	1	1.7	4.0	1	0.6	6.6	3	0.2	2.5		
	5	2	2.9	1	1.7	4.0	1	0.7	5.5	0,0				
	6	2	3.4	1	1.7	4.0	1	0.7	5.8	3	0.3	2.5		
	7	2	2.7	1	1.9	4.4	1	0.7	5.4	3	0.2	2.5		
	8	2	3.6	1	1.9	4.4	1	0.6	6.4	3	0.3	2.5		
	9	2	4.0	1	2.4	4.4	1	0.8	5.9	3	0.2	2.5		
	10	2	3.6	1	1.8	4.4	1	0.7	5.8	3	0.3	2.5		
	11	2	3.1	1	1.9	4.5	1	0.7	6.1	3	0.1	2.5		
	12	1	2.5	1	2.1	4.3	1	0.7	5.6	0,0				
	13	2	2.2	1	1.2	4.0	1	0.7	6.0	3	0.3	2.5		
	14	2	2.6	1	1.3	4.0	1	0.7	5.9	3	0.3	2.5		
	15	2	2.7	1	1.4	4.0	1	0.6	6.2	3	0.3	2.5		
	16	2	2.2	1	1.7	4.5	1	0.6	6.4	...				
	17	2	2.2	1	1.3	4.5	1	0.6	6.0	3	0.2	2.5		
	18	1	2.0	1	1.0	4.5	1	0.6	6.2	2	0.4	2.5		
	19	1	1.9	1	1.0	4.5	1	0.6	5.8	2	0.5	3.0		
	20	1	1.9	1	1.0	4.5	1	0.6	6.2	3	0.4	3.0		
	21	1	2.1	1	0.9	4.5	1	0.6	6.2	3	0.3	3.0		
	22	1	1.9	3	0.9	4.5	1	0.5	5.7	3	0.3	3.0		
23	1	3.7	3	0.9	4.5	1	0.7	6.2	2	0.4	3.0			
0	1	2.2	3	0.8	4.5	1	0.6	6.6	3	0.3	3.0			
1	1	2.6	3	0.8	4.5	1	0.6	6.6	3	0.3	3.0			
1	1	1.5	3	0.8	4.5	1	0.6	6.4	3	0.3	3.0			
2	1	1.5	3	0.8	4.5	1	0.6	6.2	2	0.4	3.0	Halifax - storm end International Day		

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
December	17	3	1.5	4.0	3	0.9	4.5	...	0.7	6.1	3	0.4	3.0		
	4	1	2.0	4.2	3	0.9	4.5	1	0.7	6.0	2	0.4	3.0		
	5	1	3.9	6.0	3	1.0	4.3	1	0.7	6.0	3	0.4	3.0		
	6	1	2.5	5.0	3	1.0	4.3	1	0.8	6.2	3	0.5	3.0		
	7	1	2.3	4.2	3	1.0	4.3	1	0.8	5.6	3	0.4	3.0		
	8	1	1.5	4.0	3	1.0	4.3	1	0.8	6.2	2	0.4	3.0		
	9	1	1.2	4.2	3	1.0	4.3	1	0.8	5.8	3	0.4	3.0		
	10	1	2.3	5.0	3	1.3	4.3	1	0.8	6.0	3	0.4	3.0		
	11	1	1.3	4.0	3	1.3	4.3	1	0.8	5.9	2	0.4	3.0		
	12	1	1.3	3.8	1	1.3	4.3	1	0.8	6.6	3	0.3	3.0		
	13	1	1.5	4.5	1	1.8	6.0	1	0.8	6.2	3	0.3	3.0		
	14	1	1.5	4.1	1	1.8	6.0	1	0.8	6.3	2	0.4	3.0		
	15	1	1.8	5.0	1	1.9	6.0	1	0.8	6.0	3	0.4	3.0		
	16	1	1.4	4.0	1	1.9	6.0	...	0.8	6.0	3	0.3	3.0		
	17	1	1.7	4.2	1	2.1	6.0	1	0.8	6.4	2	0.7	2.7		
	18	1	2.3	5.0	1	2.1	6.0	1	0.9	6.4	2	0.7	2.7		
	19	1	3.2	5.5	1	2.1	6.0	1	0.8	7.0	3	0.4	3.0		
	20	1	1.9	4.5	1	2.5	6.0	1	0.8	7.1	2	0.4	3.0		
	21	1	2.2	5.5	1	2.6	6.0	...	1.1	6.4	3	0.4	3.0		
	22	1	2.5	5.0	1	2.6	6.0	1	0.9	7.2	2	0.5	3.5		
	23	1	4.6	6.0	1	2.6	6.0	1	1.0	7.0	2	0.5	3.5		
	18	0	1	3.8	6.0	1	2.4	7.0	1	0.9	8.1	3	0.4	3.5	
		1	1	2.9	5.2	1	3.0	7.0	1	1.1	6.7	3	0.4	3.5	
2		1	2.3	4.8	1	3.0	7.0	1	1.0	7.2	3	0.4	3.5		
3		1	2.5	4.9	1	3.0	7.0	1	1.0	7.0	3	0.4	3.5		
4		1	2.1	4.7	1	2.8	7.0	1	1.0	7.0	3	0.4	3.5		
5	1	2.3	5.0	1	2.2	6.1	1	0.9	7.8	3	0.4	3.5			



SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
December	18	6	3.2	5.5	1	2.2	6.1	1	0.8	7.5	3	0.4	3.5		
	7	1	2.6	5.2	1	2.1	6.0	1	1.0	7.7	3	0.4	3.5		
	8	1	1.3	3.9	1	2.1	6.0	...	0.8	7.3	3	0.3	3.5		
	9	1	1.2	3.8	1	2.1	6.0	1	0.8	7.3	3	0.4	3.5		
	10	1	1.7	4.3	1	2.1	6.0	1	0.8	7.4	3	0.4	3.0		
	11	1	0.9	3.3	1	2.1	6.0	1	0.8	6.7	3	0.4	3.0		
	12	1	0.7	3.5	1	2.1	6.0	1	0.8	7.5	3	0.3	3.0		
	13	1	1.0	3.3	1	2.1	6.0	1	0.7	7.2	3	0.3	3.0		
	14	1	1.1	3.3	1	2.1	6.0	1	0.8	7.1	3	0.4	3.5		
	15	1	1.0	3.1	1	2.1	6.0	1	0.8	7.0	3	0.4	3.5		
	16	1	1.1	3.2	3	1.4	6.0	1	0.8	6.9	...	0.4	4.0		
	17	1	1.5	3.6	3	1.2	6.0	1	0.9	6.9	3	0.4	3.0		
	18	1	0.7	3.5	3	1.2	6.0	1	0.9	7.1	3	0.4	3.0		
	19	1	1.0	3.2	3	1.2	6.0	1	0.9	7.1	3	0.4	3.0		
	20	1	0.9	3.1	3	1.2	6.0	...	0.8	7.7	3	0.4	3.0		
	21	1	0.8	2.9	3	1.2	6.0	...	0.7	6.8	2	0.4	3.0		
	22	1	1.0	3.2	3	1.2	6.0	1	0.8	7.1	2	0.4	3.0		
	23	1	1.0	3.2	3	1.0	5.0	1	0.8	7.0	2	0.4	3.0		
	19	0	1	0.8	3.8	3	0.9	5.0	1	0.8	7.2	3	0.4	3.0	
		1	1	0.8	3.0	3	0.9	5.0	1	0.8	7.3	3	0.4	3.0	
		2	1	0.8	3.0	3	0.9	5.0	1	0.8	7.3	2	0.4	3.0	
		3	1	0.9	3.1	3	0.9	5.0	...	0.8	7.4	3	0.3	3.0	
		4	1	0.8	2.8	3	0.9	5.0	...	0.8	7.2	3	0.4	3.0	
5		1	0.9	3.0	3	0.9	5.0	1	0.8	7.2	3	0.3	3.0		
6		1	0.8	3.4	3	0.9	5.0	1	0.8	7.2	3	0.4	3.0		
7		1	0.8	2.9	3	0.9	5.0	1	0.9	6.6	3	0.3	3.0		
8	1	0.7	2.8	3	1.2	5.0	1	0.7	7.2	3	0.3	3.0			

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
December 19	9	1	0.9	3.0	3	0.7	5.0	1	0.7	6.9	3	0.2	3.0	End of International Period
	10	1	0.9	3.0	3	0.7	5.0	1	0.7	7.7	3	0.3	3.0	
	11	1	1.0	3.4	3	0.8	5.5	...	...	...	3	0.3	3.0
	12	1	0.4	2.5	3	0.8	5.5	...	...	...	3	0.2	3.0
	13	1	0.9	3.2	3	0.8	5.5	1	0.6	7.3	3	0.2	3.0	
	14	1	0.8	3.0	3	0.6	5.0	1	0.6	7.6	0,0	0,0	3.8	
	15	1	0.9	3.2	3	0.5	4.0	1	0.7	7.4	3	0.3	1.8	
	16	1	0.7	3.0	3	0.5	4.0	1	0.7	7.4	3	0.1	1.8	
	17	1	0.9	3.3	3	0.5	4.0	...	...	...	0,0	0,0	8.0
	18	1	0.7	3.3	3	0.5	4.0	1	0.6	7.7	2	1.2	8.0	
	19	1	0.7	3.0	3	0.5	4.0	...	...	...	0,0	0,0	8.0
	20	1	0.7	3.0	3	0.5	4.0	...	...	...	0,0	0,0	8.0
December 20	6	1	0.9	4.0	3	0.5	4.0	1	0.7	7.6	0,0	0,0	8.0	
	12	1	1.0	3.5	3	0.5	4.0	1	0.6	7.5	0,0	0,0	8.0	
	18	1	1.1	3.6	1	0.6	4.0	1	0.7	8.0	0,0	0,0	8.0	
	18	1	1.1	3.8	1	0.6	4.0	1	0.6	7.3	0,0	0,0	8.0	
	6	1	1.1	3.6	1	0.5	4.0	1	0.6	7.6	0,0	0,0	8.0	
	12	1	1.5	4.0	1	1.4	4.6	1	0.8	6.6	0,0	0,0	8.0	
	18	1	1.5	4.0	1	1.4	5.0	1	1.0	7.3	...	...	8.0
	0	1	1.0	4.0	1	1.3	4.5	1	1.3	7.0	2	0.5	3.0	
	6	1	1.9	4.5	1	2.0	5.0	1	1.5	7.6	2	0.6	3.0	
	9	1	3.4	5.2	1	3.5	6.0	3	2.1	7.4	2	0.7	3.0	
	12	1	3.4	5.2	1	3.5	6.0	3	2.0	7.2	2	0.7	3.0	
	22	0	1	1.0	4.0	1	1.3	4.5	1	1.3	7.0	2	0.6	3.0



SEISMOLOGICAL BULLETIN - 1958

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
December 22	15	1	7.2	6.0	1	7.0	6.0	3	2.6	7.4	3	0.8	3.5	Ottawa storm start	
	18	1	5.7	5.3	1	13.4	9.0	3	3.4	7.6	2	1.8	3.5		
	21	0	3	4.8	6.3	1	22.6	9.0	3	11.1	8.0	2	1.4		3.5
	6	1	8.0	8.0	1	9.3	8.0	3	5.9	8.9	2	1.5	4.0		
	9	1	3.2	5.5	1	2.7	6.5	3	4.2	7.8	2	0.4	3.0		
	12	1	1.3	4.5	3	2.8	7.0	3	3.0	7.0	2	0.4	2.5		
	15	1	0.5	3.5	3	1.8	6.0	1	2.2	6.2	2	0.7	2.5		
	18	1	0.4	2.8	3	1.2	6.0	1	1.8	6.3	2	0.8	3.0		
	21	0	3	3.5	3.5	3	1.2	6.0	1	1.4	6.0	2	0.5		2.5
	3	1	0.6	3.5	3	1.2	5.0	1	1.3	6.2	2	0.5	2.5		
	6	1	0.3	3.0	3	0.7	5.0	1	1.1	5.9	2	0.4	2.5		
	9	1	0.3	2.8	3	0.7	5.0	1	0.8	6.0	3	0.2	2.0		
December 24	12	1	0.6	4.0	3	1.0	5.0	1	0.8	6.0	2	0.5	2.5	Ottawa storm end	
	15	3	0.4	3.0	3	0.8	4.0	1	0.8	5.9	2	0.6	3.0		
	18	0	3	0.9	4.4	3	0.7	4.0	1	0.7	6.0	2	0.7		3.0
	3	3	0.8	3.8	3	0.8	4.5	1	0.6	5.8	2	1.0	3.0		
	6	3	0.7	4.0	3	0.9	4.5	1	0.6	6.1	2	0.7	3.0		
	12	3	0.7	4.0	3	0.9	4.5	1	0.6	6.1	2	0.7	3.0		
	15	3	1.3	4.5	3	0.9	4.5	1	0.8	6.3	2	0.8	3.5		
	18	0	1	0.6	3.5	3	1.2	6.0	1	1.8	6.3	2	0.8		3.0
	3	1	0.4	2.8	3	1.2	6.0	1	1.4	6.0	2	0.5	2.5		
	6	1	0.5	3.5	3	1.8	6.0	1	2.2	6.2	2	0.7	2.5		
	9	1	0.4	2.8	3	1.2	6.0	1	1.8	6.3	2	0.8	3.0		
	12	1	0.6	3.5	3	1.2	5.0	1	1.3	6.2	2	0.5	2.5		
15	1	0.3	3.0	3	0.7	5.0	1	1.1	5.9	2	0.4	2.5			

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
December 27	0	3	0.9	4.0	3	1.0	5.0	1	1.2	6.8	2	0.9	3.5	Halifax storm start
	6	3	0.8	3.8	3	1.0	5.0	1	1.3	6.8	2	0.6	3.0	
	12	3	0.7	3.8	3	1.0	5.0	1	1.0	7.6	2	0.8	3.5	
28	18	3	0.9	4.0	3	0.7	5.0	1	1.0	7.6	...	...	...
	0	3	1.0	4.5	3	0.7	5.1	1	0.9	7.4	2	0.3	2.5	
	6	3	1.0	4.5	3	0.9	5.1	...	...	...	2	0.5	2.5
29	12	1	1.0	5.4	3	0.9	5.1	...	...	...	2	0.3	2.5
	18	3	0.1	2.2	3	0.9	5.1	1	0.6	7.1	2	0.3	2.5	
	0	3	0.2	3.4	3	0.6	5.0	1	1.0	8.3	3	0.2	2.0	
30	6	3	0.6	4.4	3	0.5	4.4	1	1.0	7.2	3	0.2	2.0	
	12	3	0.5	3.8	3	0.5	4.0	1	1.0	7.0	3	0.2	2.0	
	18	3	0.1	2.0	3	0.5	4.0	1	1.0	7.1	3	0.3	2.5	
31	0	3	0.1	2.2	3	0.8	4.0	1	0.7	6.8	3	0.2	2.5	
	6	3	0.2	3.0	3	0.8	4.0	1	0.7	5.8	3	0.3	2.5	
	12	3	0.3	3.0	3	0.8	4.0	1	0.6	7.8	3	0.2	2.5	
31	18	3	0.3	3.0	3	0.8	4.0	1	0.6	6.4	3	0.2	2.0	
	0	1	1.0	3.8	3	0.9	4.7	1	0.5	6.0	3	0.3	2.5	
	6	1	1.0	4.5	3	0.7	4.0	1	0.5	6.4	2	0.3	2.5	
31	12	1	2.3	4.5	3	0.8	4.5	1	0.7	6.0	2	0.4	2.5	
	18	1	2.3	4.5	3	1.0	5.0	1	0.6	5.8	2	0.4	2.5	
	24	1	2.6	4.5	3	1.0	5.0	1	0.8	5.8	3	1.4	5.0	