



**SEISMOLOGICAL SERIES**  
of the  
**DOMINION OBSERVATORY**

**1962-1**  
**Seismological Bulletin**  
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**1962**

**Seismological Service  
of Canada**

**OTTAWA, CANADA**

**Department of Mines and Technical Surveys**

**DOMINION OBSERVATORIES**

**1963**

SEISMOLOGICAL BULLETIN - 1962

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

Alert, N. W. T. -

Owned and operated by the Dominion Observatory.

W.R. Darker in charge.

Halifax, Nova Scotia -

Operated by Dalhousie University for the Dominion Observatory.

London, Ontario -

Operated by The University of Western Ontario for the Dominion Observatory.

Mould Bay, N. W. T. -

Owned and operated by the Dominion Observatory.

P. W. Basham in charge.

Resolute, N. W. T. -

Owned and operated by the Dominion Observatory.

C. H. McCloughan in charge.

Seven Falls, Quebec -

Owned by the Dominion Observatory; operated by the Quebec Power Company for the Dominion Observatory.

Shawinigan Falls, Quebec -

Owned by the Shawinigan Water and Power Co.; operated by the Company for the Dominion Observatory.

Local earthquakes are interpreted by means of travel-time curves based on rockburst studies. (See J. H. Hodgson, Publications of the Dominion Observatory, XVI, Nos. 5 and 6.)



DOMINION OBSERVATORIES

Western Division

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

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

Penticton -  
Owned and operated by the Dominion Observatory.  
W.H. McNaughton in charge.

Victoria, British Columbia -  
Dominion Astrophysical Observatory, Department of Mines and  
Technical Surveys, R.R. #7, Victoria, B.C.

Local earthquakes are interpreted by means of travel-time curves based on blast studies. (See W.G. Milne and W.R.H. White, Publications of the Dominion Observatories, XXIV, No. 7.) Records for all stations of the Seismological Service of Canada are stored on microfilm in Ottawa. Positive microfilm copies, or full-scale prints, will be sent on request. Beginning in 1960 records of the station at Brebeuf College, Montreal, are included in the microfilm file through the courtesy of M. Buist, S.J., Director.

Magnification curves for the various instruments operated at the above stations will be found on the following pages.

John H. Hodgson,  
Chief, Division of Seismology.

SEISMOLOGICAL BULLETIN - 1962

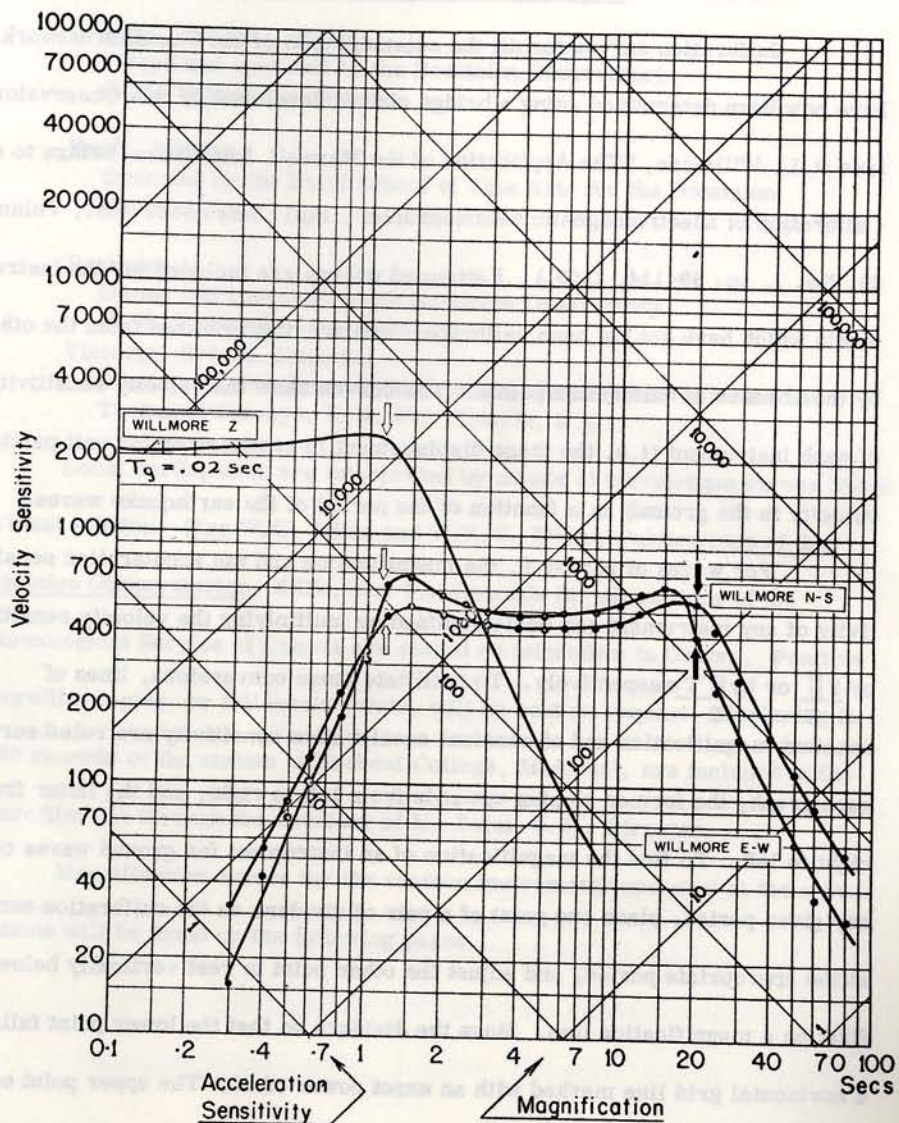
Explanation of Calibration Curves

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., Volume 49, No. 1, pp. 99-114, 1959.) 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.



CALIBRATION CURVES  
STATION: ALBERNI



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

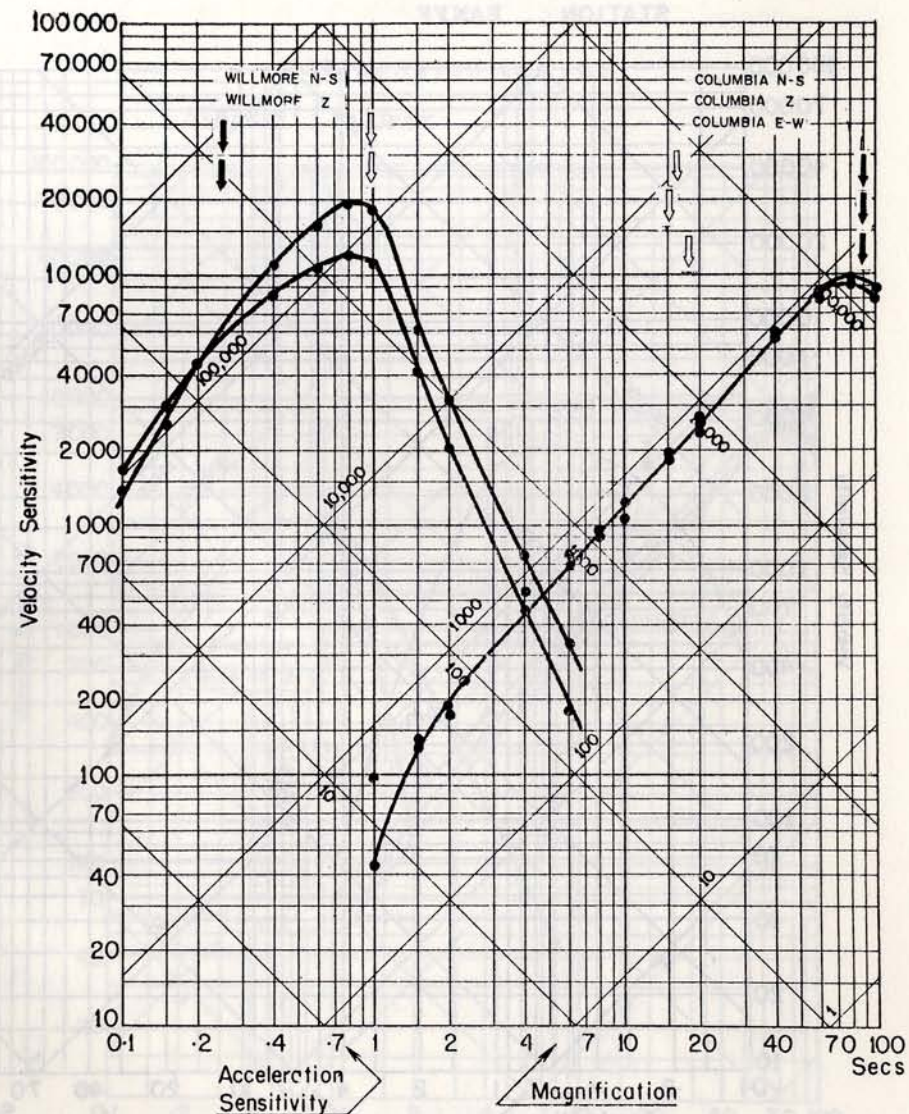
Foundation: Basic volcanic rock

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 9 1957

STATION: ALERT



$\phi = 82^\circ 29'N$   $\lambda = 62^\circ 24'W$  Altitude 65M (C. a.)

Foundation: Permanently frozen glacial debris overlying Palaeozoic limestone.

$T_s \uparrow$

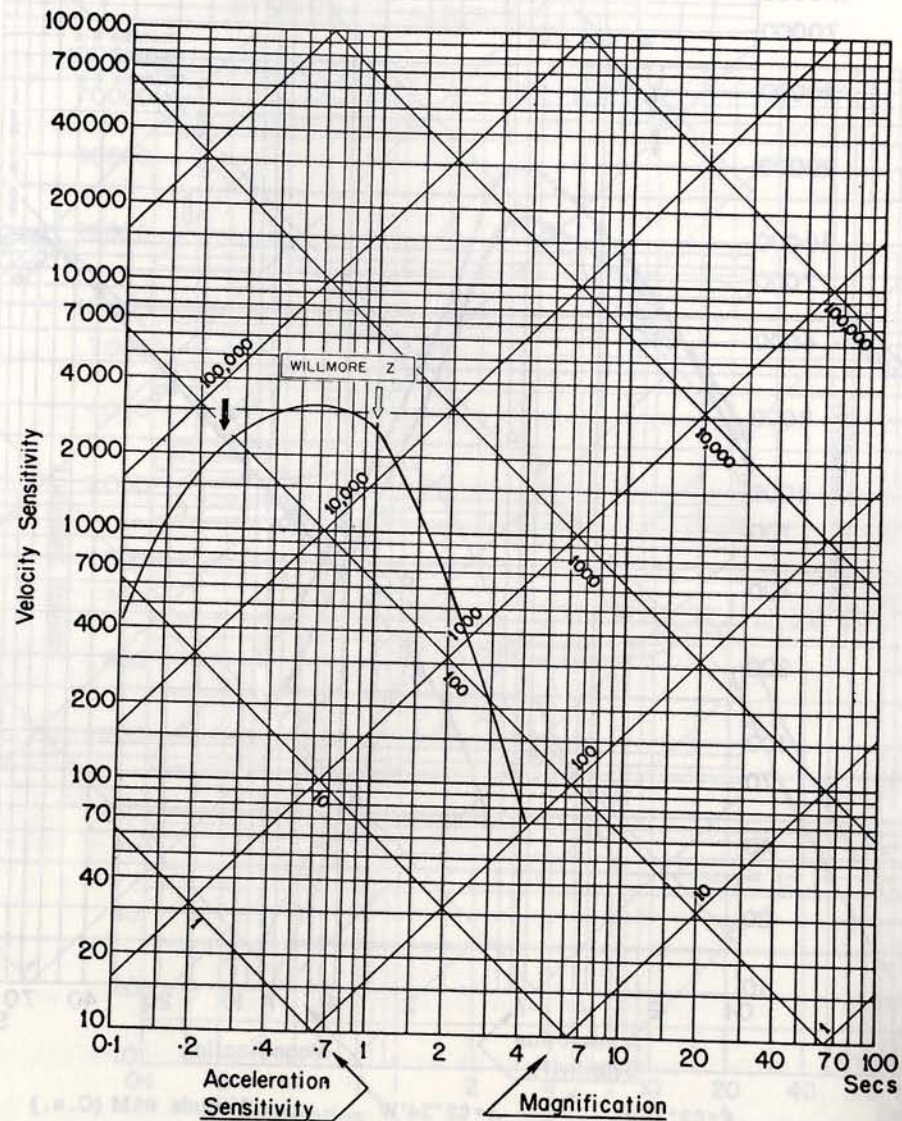
$T_g \uparrow$

Date of Calibration: 1961

WILLMORE'S	COLUMBIA'S		
S.P.-Z	SEPT. - 29	L.P.-Z.	SEPT. - 30
S.P.H. - N.S.	SEPT. - 29	L.P.H. - N.S.	OCT. - 2
S.P.H. - E.W.		L.P.H. - E.W.	OCT. - 1



STATION: BANFF



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

Foundation: Bedrock

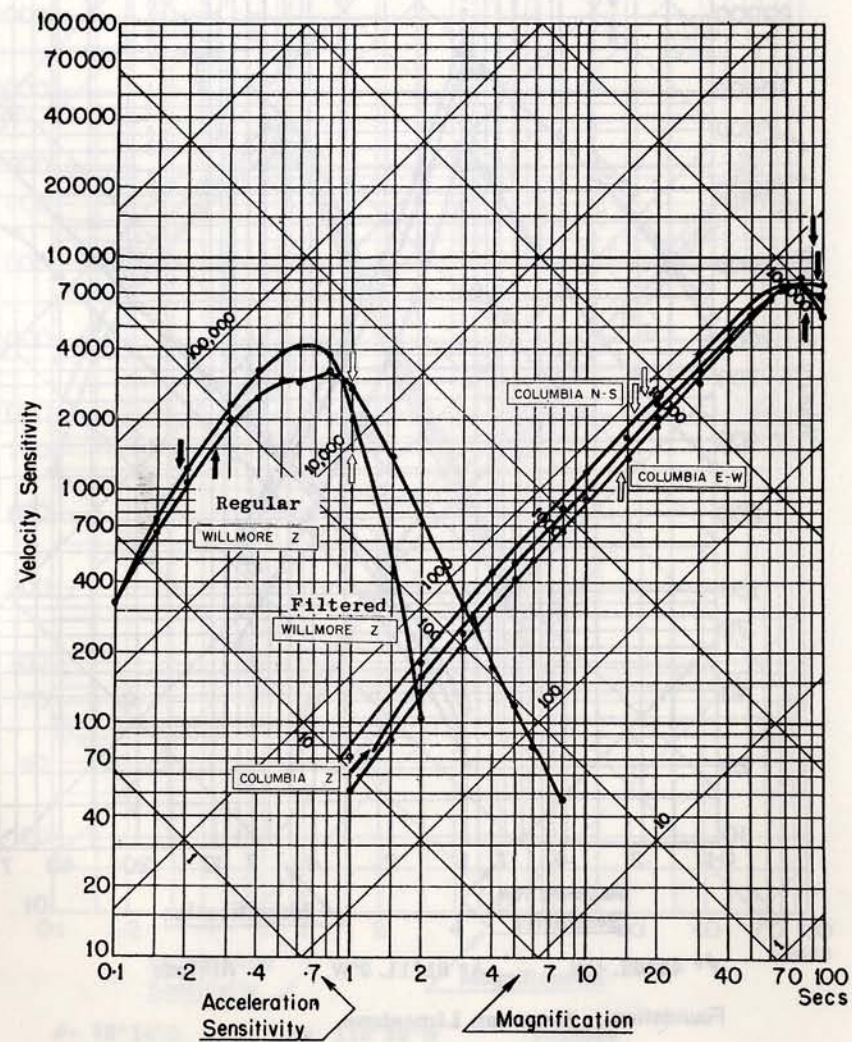
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated Curve

CALIBRATION CURVES

STATION: HALIFAX



$\phi = 44^{\circ} 38' N$      $\lambda = 63^{\circ} 36' W$     Altitude 56 M

Foundation: Carbonaceous slate

$T_s \uparrow$

$T_g \uparrow$

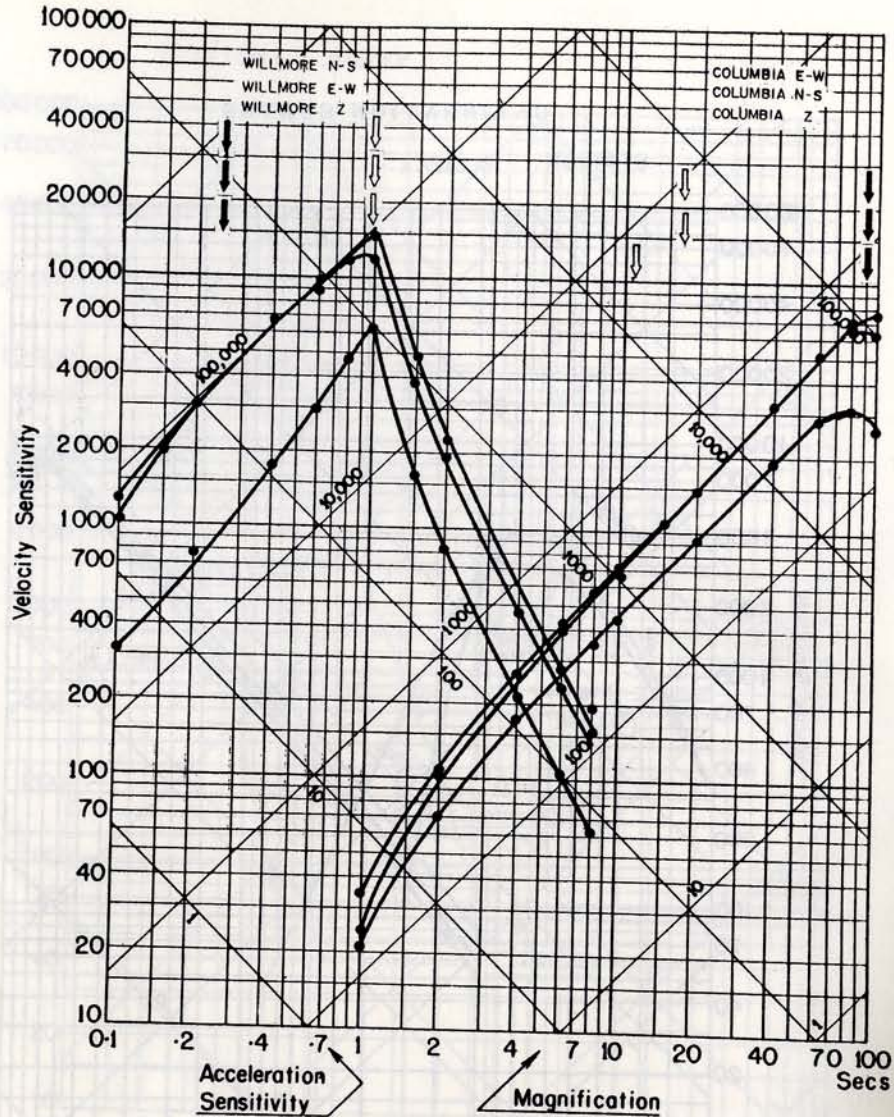
Date of Calibration: June 1960

Columbia LP-EW June 10/60  
 Columbia LP-NS June 10/60  
 Columbia LP Z June 17/60

Regular Willmore SPZ - June 3/60  
 Filtered Willmore SPZ - June 6/60



STATION: LONDON



$\phi = 43^{\circ}02.4'N$        $\lambda = 81^{\circ}11.0'W$       Altitude

Foundation: Devonian Limestone

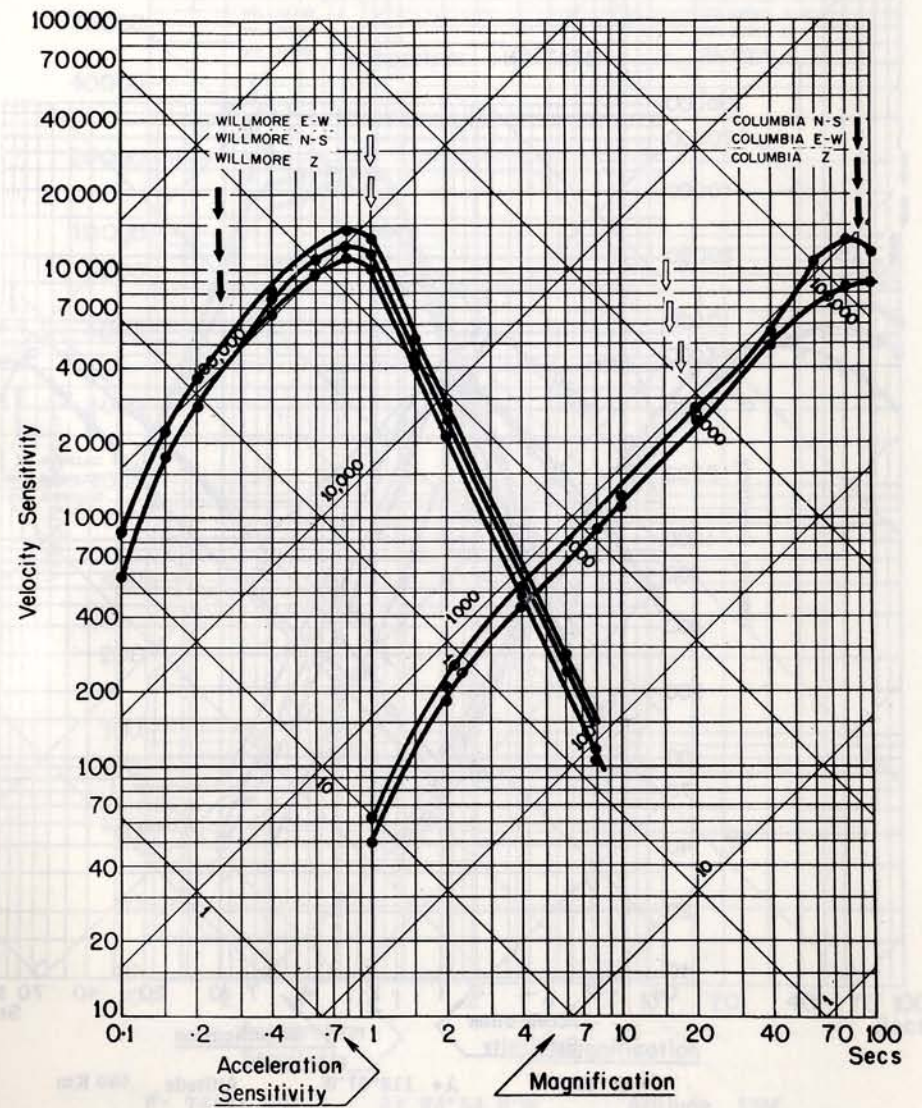
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: 1961

WILLMORE'S		COLUMBIA'S	
S.P. -Z	DEC. - 14	L.P. -Z	DEC. - 13
S.P.H. - N.S.	DEC. - 11	S.P.H. - N.S.	DEC. - 12
S.P.H. - E.W.	DEC. - 11	S.P.H. - E.W.	DEC. - 13

STATION: MOULD BAY, N.W.T.



$\phi = 76^{\circ}14'N$        $\lambda = 119^{\circ}20'W$       Altitude

Foundation: Regolith and Solifluxion deposits overlying Devonian sandstone.  
(Permafrost)

$T_s \uparrow$

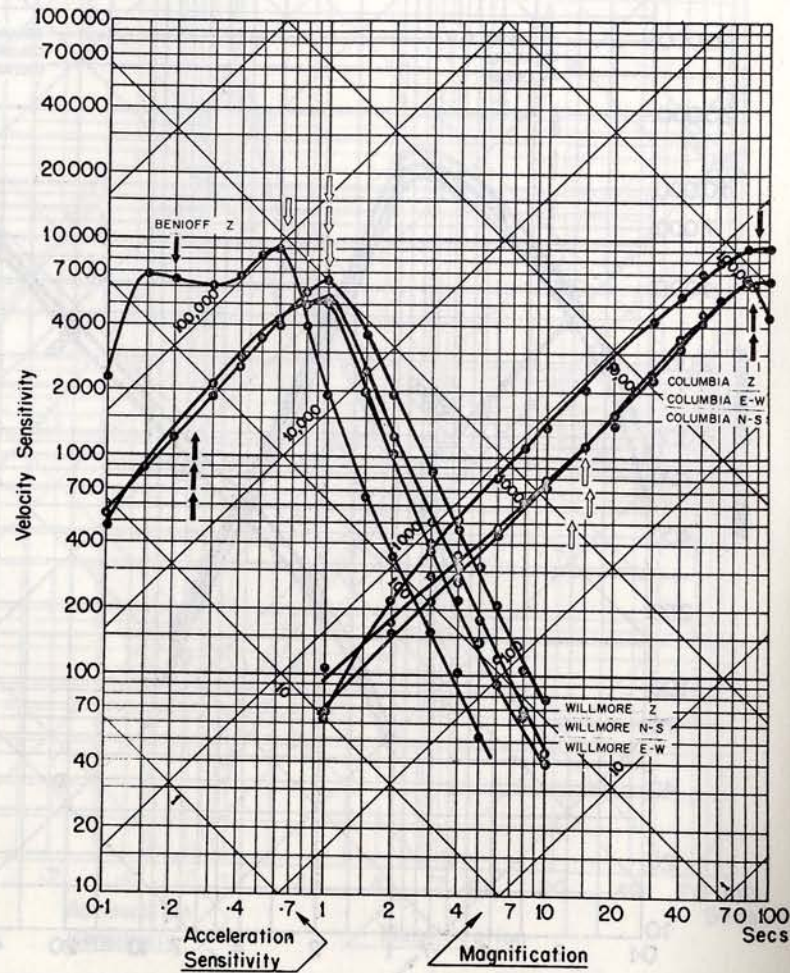
$T_g \uparrow$

Date of Calibration: At Ottawa  
JUNE 1961



CALIBRATION CURVES

STATION: PENTICTON



$\phi = 49^{\circ}19'N$      $\lambda = 119^{\circ}37'W$     Altitude 550 Km

Foundation: Tertiary shale

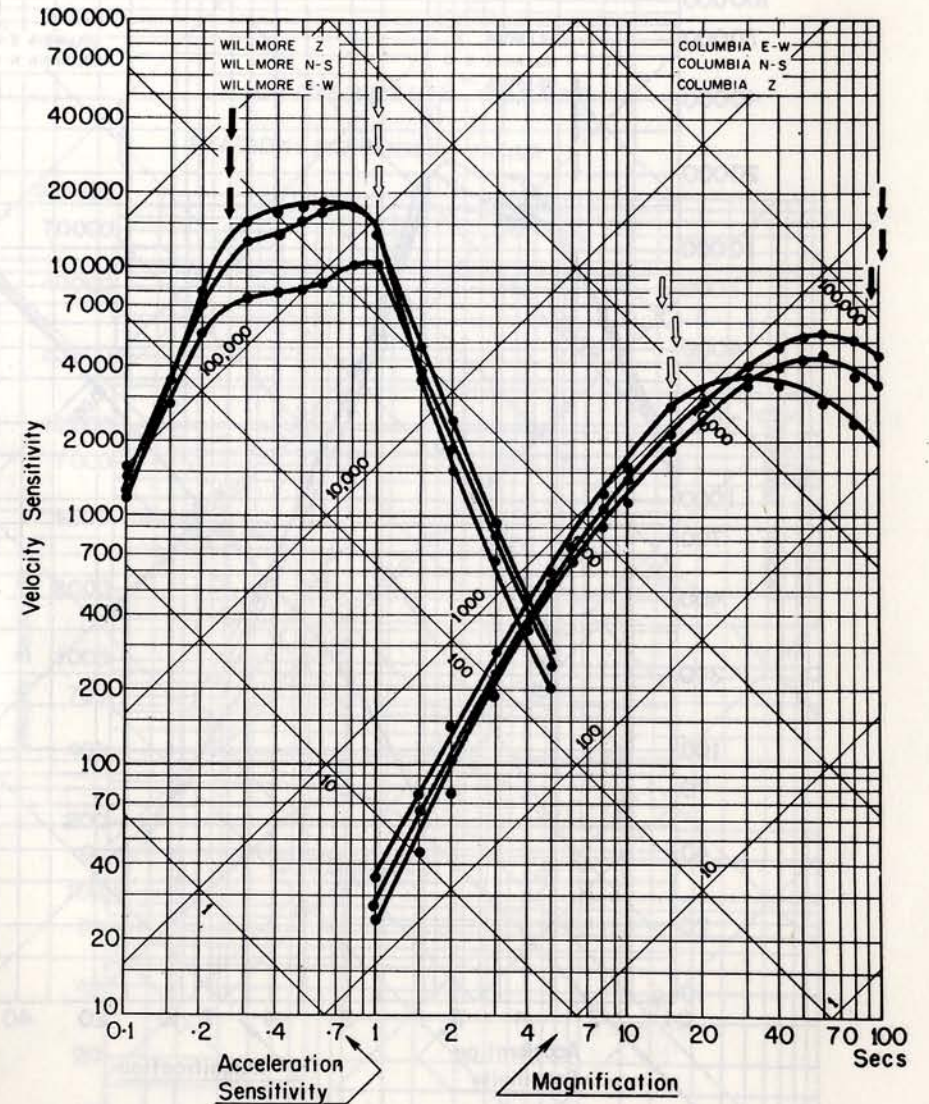
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Feb. 1961

Willmore's		Columbia's	
S. P. -Z	Feb-20	L. P. -Z	Feb-19
S. P. H. -N.S.	Feb-20	L. P. H. -N.S.	Feb-18
S. P. H. -E.W.	Feb-20	L. P. H. -E.W.	Feb-18
Benloff			
S. P. -Z.	Feb-19		

STATION: RESOLUTE, N.W.T.



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

Foundation: Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

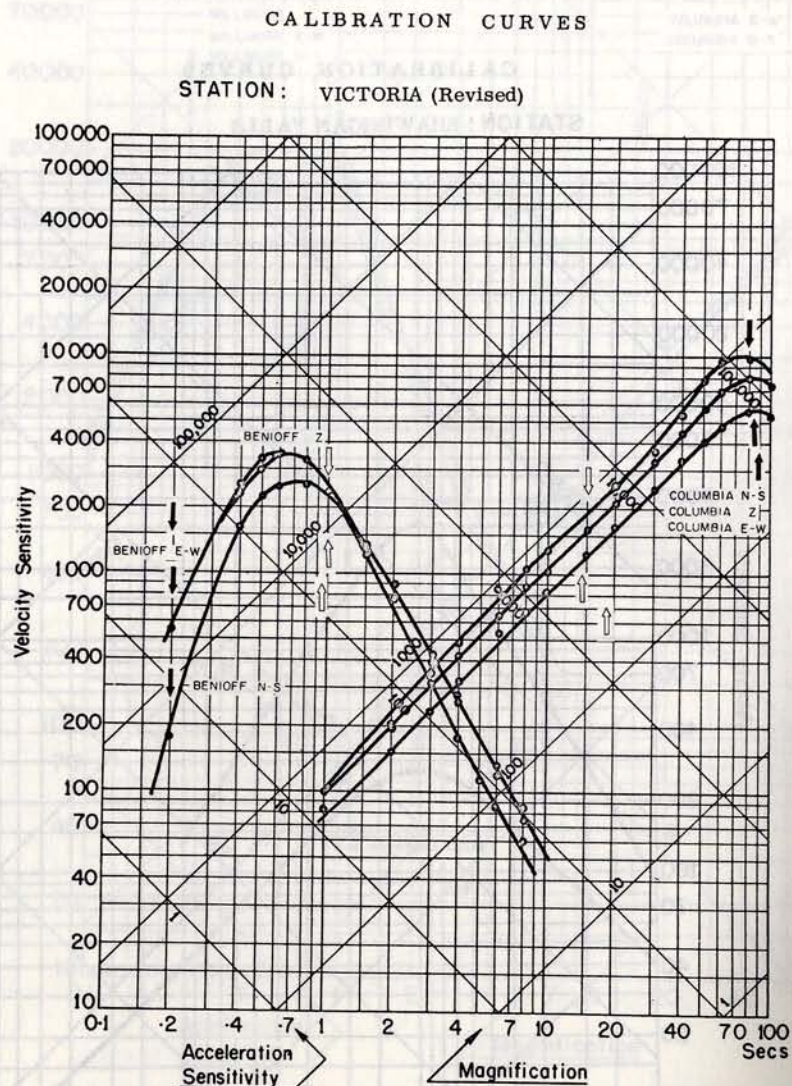
Date of Calibration: 1958-59

WILLMORES'		COLUMBIAS'	
S. P. Z.	AUG. 18	L. P. Z.	SEPT. 17
S. P. H. -N.S.	AUG. 18	L. P. H. -N.S.	SEPT. 15
S. P. H. -E.W.	JAN. 27	L. P. H. -E.W.	SEPT. 15









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

Foundation: Quartz Diorite

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: February - March - 1961

Benioff's		Columbia's	
S. P. Z.	Feb. 9	L. P. Z.	Mar. 22
S. P. H. - N. S.	Feb. 10	L. P. H. - N. S.	Mar. 3
S. P. H. - E. W.	Feb. 13	L. P. H. - E. W.	Mar. 2

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NOTES

1. Halifax      June 17, 1960, to July 25, 1962, uptrace indicates dilatation of ground on the Columbia LPZ seismogram.  
  
October 31, 1960, to June 11, 1962, uptrace indicates ground motion ~~east~~ <sup>west</sup> on the Columbia LP-EW seismogram.
2. London      December 7, 1961, to September 25, 1962, uptrace indicates dilatation of ground on the Willmore SPZ seismogram.  
  
Columbia LP-EW galvanometer suspension broken March 8. New Columbia LP-EW galvanometer installed March 20.  
  
Only a few seismic phases tabulated, due to inaccurate timing.
3. Ottawa      Inoperative - new seismic vaults under construction.
4. Seven Falls    February 6, 1962 - new seismographs in operation. See calibration curves page 12.



DOMINION OBSERVATORIES

JANUARY 1 Mould Bay P 00 43 17	JANUARY 1 U.S.C.G.S. 51.9N, 177.7E Rat Islands H = 10 17 05.6 h = 58 km Alberni eP 10 24 01 Alert N.W.T. iP 10 24 56 c Banff eP 10 24 38 Penticton eP 10 24 25 Resolute eP 10 24 38 JANUARY 1 Penticton eP 12 28 54 JANUARY 1 Penticton eP 13 34 16 Resolute e 13 35 30 Victoria eP 13 34 28 JANUARY 1 U.S.C.G.S. 39.2N, 141.6E Honshu Japan H = 05 17 35.0 h = 25 km Resolute iP 05 27 50 JANUARY 1 U.S.C.G.S. 51.9N, 177.8E Rat Islands H = 06 49 57.9 h = 59 km Alert N.W.T. P 06 57 52 Penticton eP 06 57 20 Resolute eP 06 57 (30) e 07 06 34	JANUARY 1 U.S.C.G.S. 51.9N, 177.7E Rat Islands H = 10 17 05.6 h = 58 km Alberni eP 10 24 01 Alert N.W.T. iP 10 24 56 c Banff eP 10 24 38 Penticton eP 10 24 25 Resolute eP 10 24 38 JANUARY 1 Penticton eP 12 28 54 JANUARY 1 Penticton eP 13 34 16 Resolute e 13 35 30 Victoria eP 13 34 28 JANUARY 1 U.S.C.G.S. 52.4N, 177.7E Rat Islands H = 23 40 20.3 h = 27 km Alberni eP 23 47 22 Alert N.W.T. P 23 48 15 Banff eP 23 48 00	Penticton eP 23 47 45 Resolute eP 23 47 (55) i 23 48 00 S 23 54 00 Shawinigan Falls eP 23 51 03 Victoria eP 23 47 28 JANUARY 2 48.4N, 125.2W Strait of Juan de Fuca H = 01 22 45 Mag 2.1 Alberni eP <sub>1</sub> 01 23 02.8 eS <sub>1</sub> 01 23 16.2 D = 101 km Victoria eP <sub>1</sub> 01 23 06.2 eS <sub>1</sub> 01 23 22.6 D = 134 km JANUARY 2 U.S.C.G.S. 17.8S, 69.8W Peru-Bolivia border H = 05 23 38.2 h = 74 km Halifax iP 05 33 59.5 d Penticton iP 05 35 45 c Resolute eP 05 36 52 e 05 37 09 Shawinigan Falls eP 05 34 11 Victoria eP 05 35 52 JANUARY 2 Resolute eP? 08 09 11? JANUARY 2 Resolute eP 10 46 27
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JANUARY 2 U.S.C.G.S. 80.0N, 24.3E Svalbard region H = 12 22 58.7 h = 48 km Alberni eP 12 31 50 Alert N.W.T. iP 12 25 56 c Banff eP 12 31 27 Penticton eP 12 31 47 Resolute eP 12 27 53 i 12 29 06 S 12 31 55 Victoria eP 12 31 55 JANUARY 2 Resolute eP? 15 18 01?	JANUARY 3 U.S.C.G.S. 18.7S, 71.0W Near coast of Peru H = 06 53 16.2 h = 77 km Penticton iP 07 05 23 Shawinigan Falls eP 07 03 48 JANUARY 3 U.S.C.G.S. 21.7S, 170.0E Loyalty Islands H = 06 49 50.9 h = 120 km Shawinigan Falls eP' 07 08 41 JANUARY 3 Resolute eP 08 35 17 e 08 39 06? JANUARY 3 Resolute eP 09 14 49 i 09 14 54 JANUARY 3 Resolute eP 10 23 06? i 10 23 16 JANUARY 3 U.S.C.G.S. 20.6S, 174.4W Tonga Islands H = 11 20 53.5 h = 32 km Banff eP 11 33 44 Penticton eP 11 33 29 Shawinigan Falls e 11 43 52	JANUARY 3 U.S.C.G.S. 52.2N, 177.5E Rat Islands H = 17 53 05.3 h = 68 km Alert N.W.T. iP 18 00 57 c Resolute eP 18 00 38 d Shawinigan Falls eP 18 03 41 JANUARY 3 Resolute eP 18 26 48 JANUARY 3 Canadian Arctic H = 19 34 55.7 Mag 2.1 Mould Bay iP <sub>1</sub> 19 35 22 iS <sub>1</sub> 19 35 42 D = 164 km JANUARY 3 Resolute eP 21 00 19 JANUARY 3 H = 23 57 25 Mag 1.9 Penticton eP <sub>n</sub> 23 57 50.0 iS <sub>n</sub> 23 58 09.4 D = 159 km JANUARY 3 U.S.C.G.S. 21.5S, 169.9E Loyalty Islands H = 23 50 28.8 h = 75 km Shawinigan Falls eP 24 09 23
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DOMINION OBSERVATORIES

JANUARY 7  
Penticton  
iP 16 49 45  
Resolute  
eP 16 51 41

JANUARY 7  
Penticton  
iP 19 36 48

JANUARY 7  
Penticton  
eP 23 25 48

JANUARY 7  
Penticton  
eP 23 29 35

JANUARY 8  
U.S.C.G.S.  
18.5N, 70.5W  
Near coast of  
Dominican Republic  
H = 01 00 24.2  
h = 63 km  
Mag 6 1/2  
Alberni  
eP 01 09 39  
Alert N.W.T.  
P 01 10 54  
Banff  
eP 01 09 01  
Halifax  
eP 01 06 03 d  
Mould Bay  
P 01 10 46  
Penticton  
iP 01 09 16  
Resolute  
eP 01 10 11  
S 01 18 15  
Shawinigan Falls  
eP 01 06 14  
Victoria  
iP 01 09 31 d

JANUARY 8  
U.S.C.G.S.  
19.1N, 70.5W  
Dominican Republic  
H = 01 34 54.2  
h = 53 km  
Resolute  
eP 01 44 39

JANUARY 8  
U.S.C.G.S.  
18.5N, 70.6W  
Dominican Republic  
H = 02 05 21.1  
h = 50 km  
Mould Bay  
P 02 15 45  
Penticton  
eP 02 14 11  
Resolute  
e 02 15 09  
i 02 15 18

JANUARY 8  
U.S.C.G.S.  
24.2S, 177.7W  
Tonga Islands Region  
H = 05 43 02.2  
h = 133 km  
Banff  
eP 05 56 04  
Penticton  
iP 05 55 50 D  
Resolute  
eP' 06 01 23  
Victoria  
eP 05 55 37

JANUARY 8  
Resolute  
eP 07 21 31

JANUARY 8  
U.S.C.G.S.  
3.8S, 77.4W  
Peru-Ecuador Border  
H = 10 44 12.0  
h = 100 km

Mould Bay  
iP 10 56 41 d  
Penticton  
iP 10 54 52 d

JANUARY 8  
U.S.C.G.S.  
12.1N, 85.7W  
Nicaragua  
H = 22 09 00.5  
h = 104 km  
Penticton  
eP 22 17 22

JANUARY 8  
U.S.C.G.S.  
36.5N, 70.9E  
Hindu Kush  
H = 22 25 11.1  
h = 208 km  
Alert N.W.T.  
P 22 34 51  
Mould Bay  
iP 22 35 46 c  
Penticton  
iP 22 38 07  
Resolute  
eP 22 35 54

JANUARY 9  
U.S.C.G.S.  
18.6N, 70.6W  
Dominican Republic  
H = 02 09 51.2  
h = 25 km  
Resolute  
eP 02 19 42

JANUARY 9  
U.S.C.G.S.  
33.1N, 39.7W  
Mid-Atlantic Ocean  
H = 06 45 10.2  
h = 25 km

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Banff  
eP 06 54 53  
Mould Bay  
P 06 54 50  
Penticton  
eP 06 55 15  
Resolute  
eP 06 54 02  
i 06 54 07  
Shawinigan Falls  
eP 06 51 05

JANUARY 9  
Shawinigan Falls  
eP 08 03 08

JANUARY 9  
U.S.C.G.S.  
42.9N, 144.8E  
Near coast of  
Hokkaido Japan  
H = 12 40 49.3  
h = 78 km  
Alberni  
eP 12 50 48  
Alert N.W.T.  
P 12 50 08  
Banff  
eP 12 51 12  
Halifax  
iP 12 53 55  
Mould Bay  
eP 12 49 40 c  
Penticton  
iP 12 51 07 c  
Resolute  
iP 12 50 24  
iS 12 58 09  
Shawinigan Falls  
eP 12 53 17  
Victoria  
eP 12 50 54 c

JANUARY 9  
U.S.C.G.S.  
24.5N, 143.1E  
Volcano Islands  
H = 14 53 13.3  
h = 26 km  
Mould Bay  
P 15 04 15  
Resolute  
eP 15 04 52 (d)

JANUARY 9  
U.S.C.G.S.  
48.3N, 147.5E  
Sea of Okhotsk  
H = 22 13 51.5  
h = 480 km  
Alberni  
eP 22 22 38 c  
Banff  
eP 22 23 03 c  
Mould Bay  
iP 22 21 24 c  
Penticton  
iP 22 22 57 c  
Resolute  
iP 22 22 08 c  
Shawinigan Falls  
eP 22 25 10

JANUARY 9  
U.S.C.G.S.  
27.0N, 128.7E  
Ryukyu Islands  
H = 01 15 03.0  
h = 29 km  
Mould Bay  
P 01 26 11  
Resolute  
eP? 01 26 45  
i 01 26 49

JANUARY 9  
U.S.C.G.S.  
52.9N, 169.1W  
Fox Islands  
H = 02 19 57.1  
h = 43 km  
Mould Bay  
P 02 26 08  
Penticton  
eP 02 26 15

JANUARY 9  
U.S.C.G.S.  
20.2S, 66.2E  
Mascarene Islands Region  
H = 19 49 29.7  
h = 25 km  
Alberni  
eP<sub>2</sub> 20 09 20  
Penticton  
iP<sub>2</sub> 20 09 22 d  
Victoria  
eP<sub>2</sub> 20 09 32

JANUARY 9  
H = 21 09 28  
Mag 2.4  
Alberni  
eP<sub>1</sub> 21 09 46.0  
eS<sub>1</sub> 21 09 59.6  
D = 112 km



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Resolute  
eP? 02 26 (57)  
e 02 29 23  
Shawinigan Falls  
eP 02 30 50

Penticton  
iP 06 30 37 d  
Resolute  
i 06 35 17  
Victoria  
iP 06 30 01 d

JANUARY 10  
Resolute  
eP? 12 46 49

JANUARY 10  
Penticton  
eP 20 24 18

JANUARY 10  
U.S.C.G.S.  
17.1S, 68.0W  
Peru-Bolivia Border  
H = 02 55 01.2  
h = 208 km  
Penticton  
iP 03 06 52 d

JANUARY 10  
U.S.C.G.S.  
44.3N, 128.8W  
Off Coast of Oregon  
H = 06 33 56.5  
h = 25 km

JANUARY 11  
U.S.C.G.S.  
51.6N, 176.9E  
Rat Islands  
H = 02 54 10.8  
h = 53 km  
Alert N.W.T.  
iP 03 02 08 c

JANUARY 10  
Penticton  
eP 06 07 52

Alberni  
eP 06 35 19  
Banff  
eP 06 36 39  
Penticton  
eP 06 35 52

Mould Bay  
P 03 00 58  
Penticton  
eP 03 01 40

JANUARY 10  
U.S.C.G.S.  
44.3N, 128.8W  
Off Coast of Oregon  
H = 06 27 45.2  
h = 25 km

Resolute  
eP? 06 40 36  
e 06 44 52  
e 06 48 52

Resolute  
eP 03 01 50  
i 03 03 50

Alberni  
eP 06 29 08

JANUARY 10  
Alberni  
eP 06 37 14  
Banff  
eP 06 38 34

JANUARY 11  
U.S.C.G.S.  
28.1N, 84.8E  
Nepal  
H = 03 01 33.0  
h = 38 km  
Alert N.W.T.  
P 03 12 32

Banff  
eP 06 30 28

JANUARY 10  
Penticton  
eP 07 10 06

Mould Bay  
iP 03 12 11 c  
Resolute  
eP 03 13 25 c

Penticton  
iP 06 29 43

JANUARY 10  
Penticton  
eP 07 26 55

JANUARY 11  
U.S.C.G.S.  
43.5N, 17.7E  
Near Coast of  
Yugoslavia  
H = 05 05 01.6  
h = 25 km  
Mag 5 3/4

Victoria  
eP 06 29 08

JANUARY 10  
U.S.C.G.S.  
44.3N, 128.7W  
Off Coast of Oregon  
H = 06 28 40.5  
h = 61 km  
Mag 4 3/4

JANUARY 10  
Resolute  
i 11 20 39

Alberni  
P 06 30 01 d

Banff  
eP 06 31 11

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Alberni  
eP 05 17 22  
Alert N.W.T.  
iP 05 13 04 d  
Banff  
iP 05 16 56 c  
Halifax  
iP 05 14 39.5 d  
Mould Bay  
P 05 14 52  
Penticton  
iP 05 17 13 c  
Resolute  
eP 05 14 27  
Shawinigan Falls  
eP 05 15 10  
Victoria  
iP 05 17 23 c

Resolute  
i 21 52 51

JANUARY 12  
Resolute  
eP 08 16 (06)

JANUARY 11  
Penticton  
eP 23 32 43

JANUARY 12  
U.S.C.G.S.  
20.2N, 145.9E  
Mariana Islands  
H = 08 50 31.2  
h = 103 km

JANUARY 12  
H = 00 30 59  
Mag 1.5  
Penticton  
eP<sub>1</sub> 00 31 26.0  
eS<sub>1</sub> 00 31 46.2  
D = 155 km

Alert N.W.T.  
iP 09 02 13 c  
Mould Bay  
iP 09 01 44 c  
Penticton  
eP 09 02 20  
Resolute  
eP 09 02 20 (c)

JANUARY 11  
U.S.C.G.S.  
51.9N, 179.3W  
Andreanof Islands  
H = 06 49 07.6  
h = 60 km

JANUARY 12  
Alberni  
eP 01 10 41  
Penticton  
eP 01 10 58  
Victoria  
eP 01 10 06

JANUARY 12  
Puget Sound, Wash.  
U.S.A.  
H = 10 05 50  
Mag 2.1

Alberni  
eP 06 55 53  
Alert N.W.T.  
P 06 57 02

JANUARY 12  
Canadian Arctic  
H = 03 56 18.8  
Mag 1.3  
Mould Bay  
iP<sub>1</sub> 03 56 28  
iS<sub>1</sub> 03 56 35  
D = 57.4

Alberni  
eP<sub>n</sub> 10 06 38.3  
Penticton  
eP<sub>n</sub> 10 06 34  
Victoria  
EP<sub>1</sub> 10 06 10.0

Banff  
eP 06 56 28  
Halifax  
iP 07 00 12 d

JANUARY 12  
Mould Bay  
P 05 27 00  
Resolute  
eP 05 27 59  
i 05 28 54

JANUARY 12  
U.S.C.G.S.  
52.4N, 177.7E  
Rat Islands  
H = 10 55 00.8  
h = 49 km

Mould Bay  
P 06 54 52  
Penticton  
iP 06 56 17 c

Resolute  
eP 06 56 40  
Shawinigan Falls  
eP 06 59 36

Victoria  
iP 06 56 02 c

JANUARY 11  
Alert N.W.T.  
P 21 48 02

JANUARY 12  
Penticton  
eP 07 57 35

Alert N.W.T.  
P 11 02 52  
Mould Bay  
P 11 01 39  
Penticton  
eP 11 02 23

Resolute  
eP 11 02 34  
S 11 08 40  
Shawinigan Falls  
eP 11 05 36



DOMINION OBSERVATORIES

JANUARY 12  
 U. S. C. G. S.  
 34.6S, 110.7W  
 South Pacific Ocean  
 H = 11 16 13.5  
 h = 52 km  
 Alberni  
 eP 11 28 46  
 Banff  
 eP 11 28 51  
 Penticton  
 eP 11 28 41  
 Shawinigan Falls  
 eP 11 29 06  
 Victoria  
 eP 11 28 39

JANUARY 12  
 Penticton  
 eP 13 32 37

JANUARY 12  
 Penticton  
 eP 13 43 41

JANUARY 12  
 U. S. C. G. S.  
 42.5N, 143.0E  
 Hokkaido, Japan  
 H = 13 38 11.6  
 h = 100 km  
 Alert N. W. T.  
 P 13 47 34  
 Mould Bay  
 P 13 47 07  
 Penticton  
 iP 13 48 37 d  
 Resolute  
 eP 13 47 51 c

JANUARY 12  
 Penticton  
 eP 14 53 53

JANUARY 12  
 Alberni  
 eP 22 04 02  
 Banff  
 eP 22 04 29  
 Mould Bay  
 P 22 05 00  
 Resolute  
 eP 22 05 44  
 i 22 09 49  
 S? 22 12 27

JANUARY 12  
 Victoria  
 e 22 08 22 d

JANUARY 12  
 Resolute  
 eP 23 22 23

JANUARY 13  
 U. S. C. G. S.  
 22.7S, 68.6W  
 Northern Chile  
 H = 00 45 12.8  
 h = 159 km  
 Penticton  
 eP 00 57 29  
 Shawinigan Falls  
 iP 00 56 05 c

JANUARY 13  
 Resolute  
 eP? 03 05 52

JANUARY 13  
 U. S. C. G. S.  
 19.1S, 177.5W  
 Fiji Islands  
 H = 03 04 55.7  
 h = 542 km  
 Penticton  
 eP 03 16 37

JANUARY 13  
 U. S. C. G. S.  
 52.3N, 177.4E  
 Rat Islands  
 H = 04 48 37.3  
 h = 49 km  
 Alert N. W. T.  
 iP 04 56 28 c  
 Mould Bay  
 P 04 55 17  
 Penticton  
 eP 04 56 00  
 Resolute  
 eP 04 56 11  
 e 05 08 22  
 Shawinigan Falls  
 eP 04 58 11  
 P<sub>C</sub>P 04 59 13

JANUARY 13  
 U. S. C. G. S.  
 12.9N, 120.8E  
 Philippine Islands  
 H = 05 30 54.9  
 h = 60 km  
 Mould Bay  
 P 05 43 23

JANUARY 13  
 Mould Bay  
 P 06 07 44  
 Resolute  
 eP 06 08 31

JANUARY 13  
 Resolute  
 eP 06 11 15  
 i 06 12 56

JANUARY 13  
 U. S. C. G. S.  
 15.1S, 174.0W  
 Tonga Islands Region  
 H = 11 41 10.1  
 h = 25 km

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Penticton  
 eP 11 53 22

JANUARY 13  
 74.2°N ± 1.0°,  
 81.7°W ± 3.0°  
 Near Cape Sherard,  
 Devon Island, N. W. T.  
 H = 12 25 41.3  
 h = 25 km  
 Mag 3.6  
 Alert  
 L<sub>g</sub> 12 30 24  
 D = 1000 km  
 Mould Bay  
 P<sub>n</sub> 12 27 57  
 S<sub>n</sub> 12 29 34  
 L<sub>g</sub> 12 30 46  
 D = 1075 km  
 Resolute  
 iP<sub>n</sub> 12 26 32.5  
 iP<sub>1</sub> 12 26 42.5  
 iS<sub>n</sub> 12 27 09.8  
 iS<sub>1</sub> 12 27 29  
 D = 380 km

JANUARY 13  
 Penticton  
 eP 15 09 47

JANUARY 13  
 Penticton  
 eP 15 54 30

JANUARY 13  
 H = 19 37 49  
 Mag 1.7  
 Penticton  
 eP<sub>1</sub> 19 38 13.1  
 eS<sub>1</sub> 19 38 31.6  
 D = 152 km

JANUARY 14  
 Penticton  
 iP 00 26 15

JANUARY 14  
 U. S. C. G. S.  
 43.1N, 145.1E  
 Hokkaido Japan  
 H = 07 24 47.6  
 h = 30 km  
 Resolute  
 eP 07 34 27

JANUARY 14  
 Mould Bay  
 P 08 48 51  
 Penticton  
 eP 08 48 25  
 Resolute  
 eP? 08 48 (34)

JANUARY 14  
 Canadian Arctic  
 H = 09 45 43.6  
 Mag 2.0  
 Resolute  
 iP<sub>1</sub> 09 45 53.2  
 iS<sub>1</sub> 09 46 00.5  
 D = 59.8 km

JANUARY 14  
 U. S. C. G. S.  
 44.9N, 140.8E  
 Off coast of  
 Hokkaido Japan  
 H = 13 34 02.8  
 h = 193 km  
 Alberni  
 eP 13 43 55  
 Alert N. W. T.  
 P 13 42 59  
 Mould Bay  
 P 13 42 35  
 Penticton  
 iP 13 44 13 c  
 Resolute  
 eP 13 43 19 c  
 Victoria  
 eP 13 44 03 d

JANUARY 15  
 Near Chelan in  
 Central Wash., U. S. A.  
 H = 05 28 46  
 Mag 3.6  
 Alberni  
 eP<sub>n</sub> 05 29 40.4  
 D = 387 km  
 Penticton  
 iP<sub>1</sub> 05 29 14.8  
 D = 177 km  
 Victoria  
 iP<sub>n</sub> 05 29 23.4  
 iS<sub>n</sub> 05 29 52.7  
 D = 248 km

JANUARY 15  
 Mould Bay  
 P 08 18 34  
 Penticton  
 iP 08 16 06  
 Resolute  
 eP 08 18 10  
 i 08 18 27

JANUARY 15  
 U. S. C. G. S.  
 13.0N, 60.5W  
 Off coast of  
 Venezuela  
 H = 0.8 22 15.9  
 h = 78 km  
 Alberni  
 eP 08 32 39  
 Alert N. W. T.  
 P 08 33 10  
 Mould Bay  
 P 08 33 23  
 Penticton  
 eP 08 32 18  
 Resolute  
 eP 08 32 (47)

JANUARY 15  
 Resolute  
 eP? 09 29 07



DOMINION OBSERVATORIES

JANUARY 15  
 Resolute  
 eP? 09 57 54

JANUARY 15  
 Mould Bay  
 P 12 32 56

JANUARY 15  
 Penticton  
 eP 15 29 37

JANUARY 15  
 Resolute  
 eP 23 10 12

JANUARY 15  
 Penticton  
 eP 23 41 33

JANUARY 16  
 H = 00 25 44  
 Mag 2.0  
 Penticton  
 eP<sub>1</sub> 00 26 09.8  
 eS<sub>1</sub> 00 26 29.7  
 D = 163 km

JANUARY 16  
 Resolute  
 eP 09 58 48

JANUARY 16  
 U.S.C.G.S.  
 30.5S, 177.9W  
 Kermadec Islands  
 H = 11 35 41.3  
 h = 39 km  
 Mag 6 1/2  
 Alert N. W. T.  
 P' 11 54 35  
 Halifax  
 iP' 11 54 40 c?

Mould Bay  
 P' 11 54 14  
 e 12 05 11  
 Penticton  
 eP 11 48 59  
 Resolute  
 eP' 11 54 23  
 Victoria  
 eP 11 48 56 c

JANUARY 16  
 U.S.C.G.S.  
 7.8N, 36.0W  
 Mid-Atlantic Ocean  
 H = 18 17 29.7  
 h = 30 km  
 Alert N. W. T.  
 iP 18 29 14 c  
 Mould Bay  
 P 18 29 46  
 Penticton  
 eP 18 29 40  
 Resolute  
 eP 18 29 10  
 Shawinigan Falls  
 eP 18 26 33

JANUARY 16  
 H = 21 00 29  
 Mag 2.1  
 Alberni  
 iP<sub>1</sub> 21 00 38.1  
 iS<sub>1</sub> 21 00 45.1  
 D = 57 km

JANUARY 16  
 Penticton  
 eP 23 45 14

JANUARY 16  
 H = 23 50 24  
 Mag 1.5  
 Penticton  
 eP<sub>1</sub> 23 50 50.3  
 eS<sub>1</sub> 23 51 10.2  
 D = 163

JANUARY 17  
 Mould Bay  
 P 04 18 14

JANUARY 17  
 Canadian Arctic  
 H = 09 10 24.5  
 h = 33 km  
 Mag 2.0  
 Resolute  
 eP<sub>n</sub> 09 10 50.0  
 eP<sub>1</sub> 09 10 53.2  
 iS<sub>n</sub> 09 11 08.8  
 iS<sub>1</sub> 09 11 15.0  
 D = 176 km

JANUARY 17  
 Resolute  
 eP 11 07 (35)

JANUARY 17  
 U.S.C.G.S.  
 20.8S, 178.4W  
 Fiji Islands Region  
 H = 11 30 28.2  
 h = 613 km  
 Penticton  
 eP 11 42 15

JANUARY 17  
 Penticton  
 eP 13 12 11

JANUARY 17  
 U.S.C.G.S.  
 4.3N, 128.3E  
 Molucca Passage  
 H = 15 29 06.6  
 h = 25 km  
 Mould Bay  
 P 15 42 26  
 Resolute  
 eP 15 42 53

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JANUARY 17  
 U.S.C.G.S.  
 3.9N, 126.6E  
 Molucca Passage  
 H = 15 43 18.3  
 h = 74 km  
 Mould Bay  
 P 15 56 22  
 Resolute  
 eP 15 56 48  
 e 16 32 20

JANUARY 17  
 Resolute  
 eP? 19 17 06

JANUARY 17  
 48°33'N, 124°58'W  
 Strait of Juan de Fuca  
 H = 19 27 26  
 Mag 3.3  
 Alberni  
 iP<sub>1</sub> 19 27 43.7  
 D = 108 km  
 Penticton  
 eP<sub>n</sub> 19 28 (23)  
 D = 414 km  
 Victoria  
 iP<sub>1</sub> 19 27 45.0  
 iS<sub>1</sub> 19 27 59.2  
 D = 117 km

JANUARY 17  
 U.S.C.G.S.  
 15.0N, 88.0W  
 Honduras  
 H = 23 34 32.0  
 h = 42 km  
 Mould Bay  
 P 23 44 51  
 Penticton  
 eP 23 42 24  
 Resolute  
 eP 23 44 26  
 Shawinigan Falls  
 eP 23 41 09

JANUARY 17  
 Penticton  
 eP 23 53 08

JANUARY 18  
 Resolute  
 eP? 10 34 34

JANUARY 18  
 Resolute  
 eP 12 12 (54)

JANUARY 18  
 Penticton  
 eP 12 30 30

JANUARY 18  
 Penticton  
 eP 13 52 33

JANUARY 18  
 Alberni  
 eP 16 07 01  
 Banff  
 eP 16 07 24  
 Mould Bay  
 P 16 07 01  
 Penticton  
 eP 16 06 31

JANUARY 18  
 Canadian Arctic  
 H = 16 34 22.8  
 Mag 1.0  
 Resolute  
 P<sub>1</sub> 16 34 26.7  
 S<sub>1</sub> 16 34 29.7  
 D = 24.6 km

JANUARY 18  
 Canadian Arctic  
 H = 20 52 08.2  
 Mag 1.4

JANUARY 17  
 U.S.C.G.S.  
 3.9N, 126.6E  
 Molucca Passage  
 H = 15 43 18.3  
 h = 74 km  
 Mould Bay  
 P 15 56 22  
 Resolute  
 eP 15 56 48  
 e 16 32 20

JANUARY 17  
 Resolute  
 eP? 19 17 06

JANUARY 17  
 48°33'N, 124°58'W  
 Strait of Juan de Fuca  
 H = 19 27 26  
 Mag 3.3  
 Alberni  
 iP<sub>1</sub> 19 27 43.7  
 D = 108 km  
 Penticton  
 eP<sub>n</sub> 19 28 (23)  
 D = 414 km  
 Victoria  
 iP<sub>1</sub> 19 27 45.0  
 iS<sub>1</sub> 19 27 59.2  
 D = 117 km

JANUARY 17  
 U.S.C.G.S.  
 15.0N, 88.0W  
 Honduras  
 H = 23 34 32.0  
 h = 42 km  
 Mould Bay  
 P 23 44 51  
 Penticton  
 eP 23 42 24  
 Resolute  
 eP 23 44 26  
 Shawinigan Falls  
 eP 23 41 09

JANUARY 17  
 Penticton  
 eP 23 53 08

JANUARY 18  
 Resolute  
 eP? 10 34 34

JANUARY 18  
 Resolute  
 eP 12 12 (54)

JANUARY 18  
 Penticton  
 eP 12 30 30

JANUARY 18  
 Penticton  
 eP 13 52 33

JANUARY 18  
 Alberni  
 eP 16 07 01  
 Banff  
 eP 16 07 24  
 Mould Bay  
 P 16 07 01  
 Penticton  
 eP 16 06 31

JANUARY 18  
 Canadian Arctic  
 H = 16 34 22.8  
 Mag 1.0  
 Resolute  
 P<sub>1</sub> 16 34 26.7  
 S<sub>1</sub> 16 34 29.7  
 D = 24.6 km

JANUARY 18  
 Canadian Arctic  
 H = 20 52 08.2  
 Mag 1.4



DOMINION OBSERVATORIES

Resolute P <sub>1</sub> 20 52 20.0 S <sub>1</sub> 20 52 27.4 Mag 1.4	JANUARY 19 Penticton eP 04 59 37	JANUARY 19 Penticton eP 14 39 07
JANUARY 18 Penticton eP 21 57 18	JANUARY 19 Penticton eP 05 11 14	JANUARY 19 Penticton eP 15 09 06
JANUARY 18 H = 22 55 39 Mag 2.0 Penticton iP <sub>1</sub> 22 56 04.4 iS <sub>1</sub> 22 56 24.1 D = 162 km	JANUARY 19 U.S.C.G.S. 51.5N, 161.1E Off coast of Kamchatka H = 06 01 09.5 h = 29 km Alberni eP 06 09 27 Alert N.W.T. iP 06 09 18 d Banff eP 06 09 55 Mould Bay iP 06 08 28 d Penticton iP 06 09 48 Resolute eP 06 09 20 Shawinigan Falls eP 06 12 30 d	JANUARY 19 Penticton eP 15 44 46 JANUARY 19 Mould Bay P 19 42 49 JANUARY 19 U.S.C.G.S. 38.5N, 22.1E Greece H = 19 38 04.1 h = 38 km Mould Bay P 19 48 30 Penticton eP 19 50 44 Resolute eP 19 48 08 e 20 13 46 Shawinigan Falls eP 19 48 51
JANUARY 18 Penticton eP 23 01 13	JANUARY 19 Penticton eP 09 00 17	JANUARY 19 U.S.C.G.S. 10.8N, 122.4E Philippine Islands H = 20 43 24.4 h = 99 km Alert N.W.T. P 20 56 06 Mould Bay P 20 56 01 Resolute eP 20 56 28
JANUARY 19 Penticton eP 01 58 52	JANUARY 19 Mould Bay P 12 00 19	JANUARY 19 U.S.C.G.S. 21.5S, 174.6W Tonga Islands H = 13 22 37.0 h = 25 km Penticton eP 13 35 17
JANUARY 19 Penticton eP 02 34 57	JANUARY 19 Penticton eP 02 59 11	JANUARY 19 Penticton eP 04 33 28
JANUARY 19 Penticton eP 04 48 27		

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JANUARY 19 Mould Bay P 21 13 53	JANUARY 20 Penticton eP 05 00 06	Resolute eP 03 00 (59)
JANUARY 19 Alberni eP 22 38 06 Victoria eP 22 38 24	JANUARY 20 Penticton eP 06 39 20	JANUARY 21 Penticton eP 04 14 11
JANUARY 19 Alberni eP 22 44 06 e 22 45 44	JANUARY 20 Penticton eP 07 59 56	JANUARY 21 Penticton eP 04 39 31
JANUARY 20 Penticton eP 00 00 57	JANUARY 20 Penticton eP 13 18 55	JANUARY 21 Mould Bay P 08 00 16 Resolute eP 08 00 25
JANUARY 20 Penticton eP 03 14 09	JANUARY 20 Resolute eP 18 37 56	JANUARY 21 H = 12 14 16 Mag 1.6 Penticton eP <sub>1</sub> 12 14 29.5 eS <sub>1</sub> 12 14 39.6 D = 83 km
JANUARY 20 U.S.C.G.S. 32.7N, 49.5E Iran H = 03 31 31.4 h = 40 km Mould Bay P 03 42 50	JANUARY 20 U.S.C.G.S. 6.6S, 152.1E Off coast of New Britain H = 20 14 32.7 h = 33 km Mould Bay P 20 27 59 Resolute eP 20 28 30	JANUARY 21 U.S.C.G.S. 17.7S, 178.8W Fiji Islands H = 12 51 52.1 h = 558 km Banff eP 13 03 46 Penticton eP 13 03 32
JANUARY 20 Penticton eP 03 59 33	JANUARY 21 U.S.C.G.S. 43.2N, 16.6E Near coast of Yugoslavia H = 02 51 36.2 h = 33 km Penticton eP 03 03 45	JANUARY 21 U.S.C.G.S. 43.0N, 144.5E Hokkaido, Japan H = 17 53 28.0 h = 45 km
JANUARY 20 Penticton eP 04 07 27		
JANUARY 20 Penticton eP 04 52 21		



DOMINION OBSERVATORIES

Mould Bay  
P 18 02 21  
Resolute  
eP 18 03 05 c

JANUARY 21  
Penticton  
iP 22 05 53

JANUARY 22  
U.S.C.G.S.  
52.4N, 100.0E  
Lake Baikal Region  
H = 07 26 45.3  
h = 68 km  
Banff  
eP 07 38 08  
Mould Bay  
iP 07 35 29 c  
Penticton  
iP 07 38 13 d  
Resolute  
eP 07 35 56

JANUARY 22  
U.S.C.G.S.  
11.4N, 125.4E  
Philippine Islands  
H = 09 59 32.0  
h = 125 km  
Mould Bay  
P 10 11 54  
Resolute  
eP 10 12 22

JANUARY 22  
Penticton  
eP 15 58 41

JANUARY 22  
H = 23 11 09  
Mag 1.9

Penticton  
iP<sub>1</sub> 23 11 35.3  
iS<sub>1</sub> 23 11 55.6  
D = 166 km

JANUARY 23  
Penticton  
iP 01 15 38 d

JANUARY 23  
Penticton  
iP 01 57 20 c

JANUARY 23  
49.0°N, 125.5°W  
Barkley Sound  
H = 01 58 08  
Mag 2.0  
Alberni  
iP<sub>1</sub> 01 58 16.2  
iS<sub>1</sub> 01 58 22.6  
D = 53 km  
Victoria  
eP<sub>1</sub> 01 58 33.6  
D = 161 km

JANUARY 23  
Alert N.W.T.  
P 02 47 38

JANUARY 23  
Resolute  
eP? 04 32 (48)

JANUARY 23  
Penticton  
eP 12 40 06  
Resolute  
eP 12 39 39

JANUARY 23  
Penticton  
eP 13 58 34

JANUARY 23  
Penticton  
eP 19 59 46

JANUARY 23  
Penticton  
eP 14 41 13

JANUARY 23  
U.S.C.G.S.  
52.5N, 169.5W  
Fox Islands  
H = 15 59 20.4  
h = 25 km  
Alert N.W.T.  
iP 16 07 00 c  
Banff  
eP 16 05 52  
Mould Bay  
P 16 05 33  
Penticton  
iP 16 05 39  
Resolute  
eP 16 06 23  
Shawinigan Falls  
iP 16 09 15 d

JANUARY 23  
U.S.C.G.S.  
44.6N, 12.3E  
Italy  
H = 17 31 39.7  
h = 61 km  
Penticton  
eP 17 43 34  
Shawinigan Falls  
eP 17 41 22 d

JANUARY 23  
Resolute  
eP 18 21 (22)

JANUARY 23  
Penticton  
eP 18 54 54

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JANUARY 23  
H = 23 39 12  
Mag 1.7  
Penticton  
iP<sub>1</sub> 23 39 34.8  
iS<sub>1</sub> 23 39 51.8  
D = 139 km

JANUARY 24  
U.S.C.G.S.  
21.2S, 65.7W  
Bolivia  
H = 03 01 17.3  
h = 238 km  
Penticton  
eP 03 13 30  
Shawinigan Falls  
iP 03 11 55 c

JANUARY 24  
U.S.C.G.S.  
15.6S, 167.6E  
New Hebrides  
H = 04 46 29.1  
h = 133 km  
Penticton  
iP 04 59 18  
Shawinigan Falls  
eP' 05 05 07 d

JANUARY 24  
U.S.C.G.S.  
59.2N, 154.8W  
Alaska Peninsula  
H = 05 28 54.1  
h = 25 km  
Mould Bay  
P 05 33 39  
Penticton  
eP 05 33 53  
Resolute  
eP 05 34 30

JANUARY 24  
Mould Bay  
P 07 41 20

Resolute  
eP 07 40 59

JANUARY 24  
Alert N.W.T.  
P 08 21 52  
Resolute  
eP 08 24 02

JANUARY 24  
Alert N.W.T.  
P 11 31 54

JANUARY 24  
Penticton  
iP 13 55 08

JANUARY 24  
Penticton  
eP 14 39 57

JANUARY 24  
Resolute  
eP 15 24 56

JANUARY 24  
U.S.C.G.S.  
24.4N, 122.0E  
Near coast of Formosa  
H = 15 39 46.0  
h = 58 km  
Alberni  
iP 15 52 22  
Mould Bay  
P 15 51 09  
Penticton  
iP 15 52 34 c  
Resolute  
eP 15 51 41

JANUARY 24  
Resolute  
eP 17 57 38

JANUARY 24  
Penticton  
eP 19 35 22

JANUARY 24  
H = 19 37 15  
Mag 1.7  
Penticton  
eP<sub>1</sub> 19 37 41.7  
eS<sub>1</sub> 19 38 01.8  
D = 164 km

JANUARY 24  
Penticton  
eP 21 18 02

JANUARY 25  
U.S.C.G.S.  
4.4S, 152.7W  
Line Islands Region  
H = 10 03 07.0  
h = 50 km  
Banff  
eP 10 13 38  
Mould Bay  
iP 10 15 29  
Penticton  
iP 10 13 17  
Resolute  
eP 10 15 46 c  
Shawinigan Falls  
eP 10 15 47 d

JANUARY 25  
Mould Bay  
P 00 35 00  
Penticton  
eP 00 34 41  
Resolute  
eP 00 35 46

JANUARY 25  
Penticton  
eP 01 57 44



DOMINION OBSERVATORIES

JANUARY 25  
U.S.C.G.S.  
10.7S, 161.8E  
Solomon Islands  
H = 01 50 11.4  
h = 80 km  
Banff  
eP 02 03 22  
Penticton  
iP 02 03 09  
e 02 11 20  
Shawinigan Falls  
eP' 02 09 00 c

JANUARY 25  
Penticton  
eP 05 38 26

JANUARY 25  
Penticton  
iP 07 33 13

JANUARY 25  
U.S.C.G.S.  
15.8S, 69.5W  
Peru-Bolivia  
H = 07 26 05.7  
h = 209 km  
Banff  
eP 07 37 39  
Halifax  
iP 07 35 52 d  
Penticton  
iP 07 37 46 c  
Resolute  
eP 07 38 50  
i 07 39 45  
Shawinigan Falls  
eP 07 36 05  
Victoria  
eP 07 37 56

JANUARY 25  
U.S.C.G.S.  
12.3N, 142.3E  
Mariana Islands  
H = 09 25 25.9  
h = 145 km  
Resolute  
eP 09 38 00  
Shawinigan Falls  
eP' 09 44 49

JANUARY 25  
Penticton  
iP 17 27 03

JANUARY 25  
Penticton  
eP 18 04 58

JANUARY 25  
Penticton  
eP 18 51 57

JANUARY 25  
Penticton  
eP 19 04 32

JANUARY 25  
43.9°N, 125.4°W  
Berkley Sound  
H = 20 55 54  
Mag 2.2  
Alberni  
iP1 20 56 02.0  
iS1 20 56 08.4  
D = 53 km  
Victoria  
eP1 20 56 18.9  
eS1 20 56 38.3  
D = 158 km

JANUARY 25  
H = 23 46 15  
Mag 2.0  
Penticton  
eP1 23 46 41.5  
eS1 23 47 01.7  
D = 166 km

JANUARY 26  
Mould Bay  
P 02 52 58  
Penticton  
eP 02 50 11

JANUARY 26  
U.S.C.G.S.  
32.2N, 138.1E  
South of Honshu, Japan  
H = 05 22 51.3  
h = 333 km

Alberni  
eP 05 33 33  
Alert N.W.T.  
iP 05 32 57 c  
Banff  
eP 05 33 55  
Mould Bay  
P 05 32 39  
Penticton  
iP 05 33 50 c  
Resolute  
iP 05 33 15  
Victoria  
iP 05 33 39 c

JANUARY 26  
U.S.C.G.S.  
23.4S, 176.1W  
Tonga Islands Region  
H = 06 09 33.0  
h = 214 km  
Penticton  
iP 06 22 00 c

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JANUARY 26  
U.S.C.G.S.  
35.1N, 22.7E  
Mediterranean Sea  
H = 08 17 37.0  
h = 32 km  
Mag 5  
Alberni  
eP 08 30 43  
Alert N.W.T.  
iP 08 27 07 c  
Banff  
eP 08 30 21 c  
Halifax  
eP 08 28 13  
Mould Bay  
P 08 28 26 c  
Penticton  
iP 08 30 31 c  
Resolute  
eP 08 28 06 c  
Shawinigan Falls  
eP 08 28 43 c  
Victoria  
eP 08 30 38 c

JANUARY 26  
U.S.C.G.S.  
35.0S, 179.3E  
Kermadec Islands Region  
H = 11 48 32.3  
h = 167 km  
Mould Bay  
P' 12 06 58

JANUARY 26  
Mould Bay  
P 15 39 31  
Resolute  
eP 15 40 08

JANUARY 26  
U.S.C.G.S.  
10.3N, 90.6W  
Off coast of El Salvador  
H = 18 40 23.0  
h = 45 km

Banff  
eP 18 48 39  
Mould Bay  
P 18 51 20  
Penticton  
iP 18 48 43  
Resolute  
eP 18 51 58  
Shawinigan Falls  
eP 18 47 50 d  
Victoria  
iP 18 48 53 d

JANUARY 26  
Penticton  
iP 21 12 20 d

JANUARY 27  
Penticton  
iP 01 01 36 d

JANUARY 27  
Canadian Arctic  
H = 04 02 34.5  
Mag 1.8  
Resolute  
iP1 04 02 49  
iS1 04 03 00  
D = 90.2 km

JANUARY 27  
Alberni  
eP 06 36 17  
Penticton  
eP 06 37 05  
Victoria  
eP 06 36 27

JANUARY 27  
Mould Bay  
P 07 33 02  
Penticton  
iP 07 33 27 c

JANUARY 27  
Penticton  
iP 09 19 26

JANUARY 27  
Mould Bay  
P 11 53 53

JANUARY 27  
45°55'N±5',  
74°51'W±5'  
About 12 miles WSW of  
Arundel Que. Felt  
strongly at Arundel and  
as far as Ottawa where  
many were awakened  
H = 12 11 16.7  
Mag 4.3

London  
e 12 12 50  
e 12 13 34  
Lg 12 13 59  
D = 621 km  
Montreal  
iP1 12 11 33.5  
iS1 12 11 46.4  
D = 106 km  
Shawinigan Falls  
iP1 12 11 44.8  
i 12 11 48.0  
iS1 12 12 06.0  
D = 174 km

JANUARY 27  
Penticton  
iP 12 13 55 d

JANUARY 27  
Resolute  
eP? 14 46 36



DOMINION OBSERVATORIES

JANUARY 27 U.S.C.G.S. 44.6N, 130.5W Off coast of Oregon H = 22 02 33.1 h = 25 km  
 Alberni iP 22 04 05  
 Banff eP 22 05 25  
 Penticton iP 22 04 42 d  
 Victoria iP 22 04 06 d

JANUARY 27 U.S.C.G.S. 31.0N, 114.3W Gulf of California H = 23 07 42.1 h = 22 km Mag 5 1/4  
 Alberni eP 23 12 19 ✓  
 Alert N.W.T. P 23 17 12 ✓  
 Banff eP 23 12 19 ✓  
 Mould Bay P 23 16 02 ✓  
 Penticton iP 23 12 04 c ✓  
 Shawinigan Falls eP 23 14 42 ✓  
 Victoria eP 23 12 03 c ✓

JANUARY 27 H = 23 35 23 Mag 1.9 Penticton iP1 23 35 48.0 iS1 23 36 07.3 D = 158 km

JANUARY 28 U.S.C.G.S. 14.0N, 92.3W Off coast of Guatemala H = 05 22 55.7 h = 133 km  
 Banff eP 05 30 31  
 Mould Bay iP 05 33 16 c  
 Penticton iP 05 30 34 c  
 Resolute eP 05 32 54  
 Victoria eP 05 30 43 c

JANUARY 28 U.S.C.G.S. 17.2S, 172.0W Tonga Islands H = 05 40 08.2 h = 25 km Mag 6 1/4  
 Mould Bay P 05 53 44 ✓  
 Penticton iP 05 52 20 c ✓  
 Resolute eP? 05 54 06 ✓  
 Victoria iP 05 52 08 c ✓

JANUARY 28 Canadian Arctic H = 07 51 32.1 Mag 2.2 Resolute P1 07 52 01 S1 07 52 23 D = 180 km

JANUARY 28 U.S.C.G.S. 0.0, 123.9E Celebes region H = 16 41 13.8 h = 101 km  
 Mould Bay P 16 54 32 ✓  
 Penticton iP 16 55 22 d ✓ P' 16 59 32 ✓  
 Resolute eP 16 54 59 i 16 59 10 ✓  
 Shawinigan Falls eP' 17 00 18 ✓

JANUARY 28 U.S.C.G.S. 44.7N, 112.5W Montana H = 11 40 56.6 h = 14 km  
 Penticton eP 11 42 36

JANUARY 28 U.S.C.G.S. 9.3S, 79.1W Near coast of Peru H = 06 07 22.0 h = 100 km  
 Mould Bay P 06 20 06

JANUARY 28 U.S.C.G.S. 0.0, 123.9E Canadian Arctic H = 12 40 39.1 Mag 2.2 Resolute P1 12 41 08 S1 12 41 30

JANUARY 28 U.S.C.G.S. 0.0, 123.9E Celebes region H = 16 41 13.8 h = 101 km  
 Mould Bay P 16 54 32 ✓  
 Penticton iP 16 55 22 d ✓ P' 16 59 32 ✓  
 Resolute eP 16 54 59 i 16 59 10 ✓  
 Shawinigan Falls eP' 17 00 18 ✓

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JANUARY 28 Mould Bay P 21 00 53

JANUARY 29 Penticton eP 00 43 29

JANUARY 29 U.S.C.G.S. 9.3S, 79.1W Near coast of Peru H = 06 07 22.0 h = 100 km  
 Mould Bay P 06 20 06

JANUARY 29 Penticton eP 09 25 09

JANUARY 29 U.S.C.G.S. 9.1S, 157.5E Solomon Islands H = 11 43 12.6 h = 114 km  
 Penticton eP 11 56 07

JANUARY 29 Alert N.W.T. P 12 32 46

JANUARY 29 Resolute eP? 17 28 29

JANUARY 29 49°02'N, 124°37'W South of Alberni H = 21 49 24.0 Mag 3.5

Alberni iP1 21 49 28.3 D = 27 km  
 Banff eP 21 50 53.0 D = 700 km  
 Penticton iPn 21 50 14.7 D = 370 km  
 Victoria iP1 21 49 41.2 D = 107 km

JANUARY 29 Penticton eP 22 11 13

JANUARY 29 Penticton eP 23 40 53

JANUARY 30 Alert N.W.T. P 00 59 59

JANUARY 30 48°09'N, 80°02'W Rockburst which displaced 1350 tons of rock in a Kirkland Lake mine and released seismic energy equivalent to that of a magnitude 4.6 earthquake H = 08 08 00  
 Halifax e 08 14 19  
 London ePn 08 09 19 iSn 08 10 16 i 08 10 30 Lg 08 10 43 D = 585 km

Montreal iPn 08 09 17.0 c  
 iSn 08 10 15  
 i 08 10 37  
 Lg 08 10 48  
 D = 569 km  
 Resolute e 08 21 (46)  
 Shawinigan Falls Pn 08 09 17.6 Sn 08 10 16.6 Lg 08 10 37.6 D = 575 km

JANUARY 30 U.S.C.G.S. 12.7N, 87.7W Near coast of Nicaragua H = 08 34 26.8 h = 101 km  
 Alberni eP 08 42 57 ✓  
 Alert N.W.T. P 08 45 34 ✓  
 Banff iP 08 42 32 c ✓  
 Halifax eP 08 41 38 ✓  
 Mould Bay iP 08 45 03 c ✓  
 Penticton iP 08 42 36 c ✓  
 Resolute iP 08 44 39 c ✓  
 Shawinigan Falls eP 08 41 22 c ✓  
 Victoria iP 08 42 47 c ✓

JANUARY 30 Penticton eP 09 12 57  
 Victoria eP 09 12 31



DOMINION OBSERVATORIES

JANUARY 30 H = 11 35 47 Mag 1.8 Victoria eP 11 35 56.1 eS 11 36 02.9 D = 56 km	JANUARY 30 U. S. C. G. S. 79.4N, 123.5E Lapten Sea H = 17 15 33.8 h = 63 km Alert N. W. T. P 17 19 47 Mould Bay eP 17 20 13c Resolute eP 17 20 (52) S? 17 25 19	Mould Bay P <sub>n</sub> 00 42 14 S <sub>n</sub> 00 43 38 D = 900 km Resolute P <sub>n</sub> 00 42 52 S <sub>n</sub> 00 44 43 L <sub>g</sub> 00 45 45 D = 1210 km
JANUARY 30 U. S. C. G. S. 16.2S, 176.0W Samoa Islands region H = 15 01 12.4 h = 383 km Penticton iP 15 12 56	JANUARY 30 U. S. C. G. S. 18.8S, 168.5E New Hebrides Islands region H = 18 30 52.3 h = 79 km Penticton iP 18 43 57	JANUARY 31 Penticton iP 01 05 34
JANUARY 30 U. S. C. G. S. 20.7N, 144.5E Mariana Islands region H = 15 22 49.4 h = 187 km Alberni eP 15 34 14 Alert N. W. T. iP 15 34 22 d Banff iP 15 34 42 d Mould Bay iP 15 33 55 d Penticton iP 15 34 33 d Resolute iP 15 34 30 d i 15 35 32 Victoria iP 15 34 21 d	JANUARY 31 U. S. C. G. S. 38.5N, 70.3E Tadzhik U. S. S. R. H = 00 05 57.0 h = 60 km Alert N. W. T. P 00 15 38 Mould Bay P 00 16 34 Penticton eP 00 19 03 Resolute eP? 00 16 (47)	JANUARY 31 Alberni iP <sub>n</sub> 04 23 15.1 D = 177 km Penticton eP <sub>n</sub> 04 23 49.2 D = 470 km Victoria eP <sub>n</sub> 04 23 16.4 eS <sub>n</sub> 04 23 39.3 D = 188 km
JANUARY 30 Penticton eP 16 21 24	JANUARY 31 47°30'N±12', 67°08'W±12' About 15 miles S.S.E. of Kedgwick, N. B. H = 14 32 38.2 h = 30 km Mag 3.5	JANUARY 31 Mould Bay iP 08 56 16 c Resolute eP? 08 55 53

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Halifax P <sub>n</sub> 14 33 33.0 S <sub>n</sub> 14 34 16 L <sub>g</sub> 14 34 36 D = 420 km Montreal P <sub>n</sub> 14 33 51.5 S <sub>n</sub> 14 34 41.2 L <sub>g</sub> 14 35 11 D = 550 km Seven Falls eP <sub>n</sub> 14 33 16 iP <sub>1</sub> 14 33 23.3 iS <sub>n</sub> 14 33 44.5 iS <sub>1</sub> 14 33 57.0 D = 280 km Shawinigan Falls L <sub>g</sub> 14 34 43 D = 440 km	FEBRUARY 1 U. S. C. G. S. 31.7S, 177.3E Kermadec Islands H = 00 39 54.6 h = 30 km Alert N. W. T. iP' 00 58 52 d Halifax iP' 00 58 58.5 c Mould Bay iP' 00 58 31 c Penticton iP 00 53 20 c Resolute eP' 00 58 40 d Shawinigan Falls eP' 00 58 48 d Victoria eP 00 53 09 d	FEBRUARY 2 U. S. C. G. S. 45.7N, 151.6E Kurile Islands H = 05 41 38.7 Mould Bay P 05 50 00 Penticton iP 05 51 22 c Resolute eP 05 50 48
JANUARY 31 H = 20 33 47 Mag 1.6 Penticton eP <sub>1</sub> 20 34 16.1 eS <sub>1</sub> 20 34 38.5 D = 185 km	FEBRUARY 1 U. S. C. G. S. 35.0N, 120.6W Near coast of California H = 06 37 57.5 h = 25 km Penticton eP 06 41 20	FEBRUARY 2 U. S. C. G. S. 36.3N, 89.4W Tennessee, U. S. A. H = 06 43 28.8 h = 25 km Banff eP 06 48 44 Penticton eP 06 48 58 London P 06 45 43 Seven Falls P 06 47 33 Shawinigan Falls eP 06 47 22
JANUARY 31 Penticton iP 20 55 37 d Resolute eP 20 55 30 c	FEBRUARY 1 H = 22 46 59 Mag 1.7 Penticton eP <sub>1</sub> 22 47 26.1 eS <sub>1</sub> 22 47 46.3 D = 165 km	FEBRUARY 2 Halifax eP 06 54 38 d Penticton eP 06 56 09 Resolute eP? 06 59 (39) i 07 01 19 i 07 03 27 i 07 03 44
JANUARY 31 H = 22 17 18 Mag 1.5 Penticton eP <sub>1</sub> 22 17 53.1 eS <sub>1</sub> 22 18 12.4 D = 159 km	FEBRUARY 2 Mould Bay P 04 07 22	FEBRUARY 2 H = 07 40 17 Mag 2.4 Penticton eP <sub>n</sub> 07 40 57.9 eS <sub>n</sub> 07 41 32.3 D = 282 km



DOMINION OBSERVATORIES

FEBRUARY 2  
 U.S.C.G.S.  
 49.9N, 78.2E  
 Kazakh, S.S.R.  
 H = 07 59 58.5  
 h = 0 km  
 Alert N.W.T.  
 iP 08 08 29 c  
 Banff  
 iP 08 12 04  
 Mould Bay  
 iP 08 09 23 c  
 Pentiction  
 iP 08 12 11 c  
 Resolute  
 eP 08 09 37  
 Seven Falls  
 P 08 12 08.5  
 Victoria  
 eP 08 12 12 c

FEBRUARY 2  
 H = 12 01 18  
 Mag 2.6  
 Pentiction  
 eP<sub>n</sub> 12 02 01.3  
 eS<sub>n</sub> 12 02 37.5  
 D = 286 km

FEBRUARY 2  
 H = 14 12 59  
 Mag 2.1  
 Pentiction  
 eP<sub>n</sub> 14 13 38.3  
 eS<sub>n</sub> 14 14 11.3  
 D = 270 km

FEBRUARY 2  
 H = 16 23 52  
 Mag 2.1  
 Pentiction  
 iP<sub>n</sub> 16 24 30.5  
 iS<sub>n</sub> 16 25 02.4  
 D = 261 km

FEBRUARY 2  
 H = 16 53 14  
 Mag 2.3  
 Pentiction  
 eP<sub>n</sub> 16 53 44.5  
 eS<sub>n</sub> 16 54 08.1  
 D = 193 km

FEBRUARY 2  
 U.S.C.G.S.  
 43.7N, 148.5E  
 Kurile Islands  
 H = 17 20 11.1  
 h = 49 km  
 Alert N.W.T.  
 P 17 29 31  
 Mould Bay  
 P 17 28 52  
 Pentiction  
 eP 17 30 12  
 Resolute  
 eP 17 29 38 (c)  
 i 17 30 10

FEBRUARY 2  
 Resolute  
 eP 18 23 46

FEBRUARY 2  
 48.9°N, 125.5°W  
 Berkley Sound  
 H = 22 42 46  
 Mag 2.2  
 Alberni  
 iP<sub>1</sub> 22 42 56.1  
 iS<sub>1</sub> 22 43 03.5  
 D = 60 km  
 Victoria  
 iP<sub>1</sub> 22 43 12.2  
 iS<sub>1</sub> 22 43 31.1  
 D = 161 km

FEBRUARY 2  
 U.S.C.G.S.  
 18.2N, 104.9W  
 Near coast of Mexico  
 H = 23 03 58.9  
 h = 17 km  
 Mould Bay  
 P 23 13 57  
 Pentiction  
 eP 23 10 35  
 Seven Falls  
 P 23 11 38  
 Shawinigan Falls  
 eP 23 11 27

FEBRUARY 2  
 Resolute  
 e 23 33 57

FEBRUARY 2  
 Pentiction  
 iP 23 57 42 c  
 Resolute  
 eP 23 57 00 (c)

FEBRUARY 3  
 U.S.C.G.S.  
 1.2S, 137.8E  
 North of New Guinea  
 H = 00 37 53.6  
 h = 17 km  
 Alberni  
 eP 00 51 22  
 Alert N.W.T.  
 P 00 51 35  
 Mould Bay  
 eP 00 51 13 c  
 Pentiction  
 eP 00 51 39  
 Resolute  
 eP 00 51 (42)  
 Seven Falls  
 P' 00 57 01  
 Shawinigan Falls  
 eP' 00 57 02  
 Victoria  
 iP 00 51 33 d

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FEBRUARY 3  
 U.S.C.G.S.  
 17.4S, 66.9E  
 Mascarene Islands  
 region  
 H = 11 36 19.1  
 h = 25 km  
 Pentiction  
 eP' 11 55 53

FEBRUARY 3  
 Pentiction  
 eP 14 21 54

FEBRUARY 3  
 Mould Bay  
 P 20 15 32  
 Pentiction  
 iP 20 13 44 c  
 Seven Falls  
 iP 20 12 34 d

FEBRUARY 3  
 U.S.C.G.S.  
 6.5N, 73.1W  
 Colombia  
 H = 21 38 19.9  
 h = 190 km  
 Mould Bay  
 iP 21 49 37  
 Pentiction  
 iP 21 47 54 c

FEBRUARY 3  
 Seven Falls  
 P 22 08 23

FEBRUARY 3  
 Pentiction  
 iP 23 07 58

FEBRUARY 3  
 H = 23 53 56  
 Mag 1.7

Pentiction  
 eP<sub>1</sub> 23 54 22.1  
 eS<sub>1</sub> 23 54 41.7  
 D = 160 km

FEBRUARY 4  
 U.S.C.G.S.  
 4.6S, 119.0E  
 Celebes  
 H = 02 54 42.1  
 h = 89 km  
 Shawinigan Falls  
 eP' 03 14 02

FEBRUARY 4  
 Mould Bay  
 P 04 56 35

FEBRUARY 4  
 Mould Bay  
 P 06 32 58  
 Pentiction  
 iP 06 31 17 c

FEBRUARY 4  
 Mould Bay  
 P 11 36 58

FEBRUARY 4  
 U.S.C.G.S.  
 7.4N, 82.4W  
 South of Panama  
 H = 17 47 39.7  
 h = 38 km

Mould Bay  
 iP 17 59 01  
 Pentiction  
 iP 17 56 51

Resolute  
 eP 17 58 35  
 e 18 17 25

Seven Falls  
 iP 17 55 23 c  
 Shawinigan Falls  
 eP 17 55 16

Victoria  
 eP 17 57 01 c

FEBRUARY 4  
 82.1°N, 82.0°W  
 Ellesmere Island,  
 about 50 miles north  
 of Greely Fiord,  
 N.W.T.  
 H = 20 03 44.5  
 h = 30 km  
 Mag 3.4

Alert  
 P<sub>n</sub> 20 04 32.5  
 P<sub>1</sub> 20 04 42.3  
 S<sub>n</sub> 20 25 05.5  
 S<sub>1</sub> 20 25 23.5  
 D = 354 km

Mould Bay  
 P<sub>n</sub> 20 05 48.5  
 S<sub>n</sub> 20 07 16  
 D = 977 km  
 Resolute  
 P<sub>n</sub> 20 05 25.5  
 S<sub>n</sub> 20 06 38  
 D = 789 km

FEBRUARY 4  
 U.S.C.G.S.  
 2.8N, 83.2W  
 Off coast of Ecuador  
 H = 20 40 00.0  
 h = 39 km  
 Pentiction  
 eP 20 49 36

FEBRUARY 4  
 U.S.C.G.S.  
 0.5S, 20.2W  
 Atlantic Ocean  
 H = 21 29 33.2  
 h = 17 km  
 Alert N.W.T.  
 P 21 42 06  
 Halifax  
 iP 21 39 38 c



DOMINION OBSERVATORIES

Mould Bay  
P 21 42 50  
Penticton  
eP 21 43 20  
Resolute  
eP 21 42 21  
Seven Falls  
iP 21 40 15 c  
Shawinigan Falls  
iP 21 40 21 c

FEBRUARY 4  
Canadian Arctic  
H = 23 09 45.8  
Mag 2.4  
Resolute  
P<sub>1</sub> 23 10 16  
S<sub>1</sub> 23 10 38  
D = 188 km

FEBRUARY 4  
Mould Bay  
P 23 35 53  
Penticton  
iP 23 35 47

FEBRUARY 5  
Penticton  
iP 02 32 41

FEBRUARY 5  
Penticton  
iP 03 20 13

FEBRUARY 5  
Penticton  
iP 05 16 37

FEBRUARY 5  
Penticton  
iP 06 12 02

FEBRUARY 5  
Penticton  
eP 07 20 12

FEBRUARY 5  
Penticton  
eP 07 38 30

FEBRUARY 5  
Penticton  
iP 08 41 42

FEBRUARY 5  
Penticton  
iP 08 55 30

FEBRUARY 5  
Penticton  
eP 09 16 15

FEBRUARY 5  
Mould Bay  
P 18 55 06  
Penticton  
eP 18 56 12  
Resolute  
eP 18 55 46 (c)

FEBRUARY 5  
U.S.C.G.S.  
35.9N, 138.8E  
Honshu Japan  
H = 22 55 49.6  
h = 151 km  
Alberni  
eP 23 06 35  
Alert N.W.T.  
iP 23 05 53 c  
Banff  
iP 23 06 59 c  
Mould Bay  
iP 23 05 33 c  
Penticton  
iP 23 06 52 c

Resolute  
iP 23 06 13 c  
Seven Falls  
eP 23 08 51 c  
Shawinigan Falls  
iP 23 08 52 d  
Victoria  
iP 23 06 42 c

FEBRUARY 5  
H = 23 22 51  
Mag 1.5  
Penticton  
eP<sub>1</sub> 23 23 17.5  
eS<sub>1</sub> 23 23 37.9  
D = 166 km

FEBRUARY 6  
Resolute  
eP 01 31 22

FEBRUARY 6  
Mould Bay  
P 02 06 37  
Penticton  
eP 02 07 47  
Resolute  
eP 02 07 13

FEBRUARY 6  
U.S.C.G.S.  
13.8N, 91.1W  
Guatemala  
H = 02 58 24.4  
Banff  
eP 03 06 10  
Mould Bay  
iP 03 08 51 c  
Penticton  
iP 03 06 13 d  
Resolute  
eP 03 08 28 c  
Seven Falls  
P 03 05 29  
Shawinigan Falls  
eP 03 05 19

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Victoria  
eP 03 06 22 c

FEBRUARY 6  
U.S.C.G.S.  
37.8N, 140.4E  
Honshu, Japan  
H = 03 32 50.3  
h = 372 km  
Mould Bay  
P 03 41 56  
Resolute  
eP 03 42 31

FEBRUARY 6  
Resolute  
eP? 04 24 (30)  
i 04 28 57

FEBRUARY 6  
U.S.C.G.S.  
56.8N, 156.0W  
Alaska  
H = 04 40 57.5  
h = 80 km  
Mould Bay  
P 04 46 03  
Penticton  
eP 04 45 54  
Resolute  
eP 04 46 51

FEBRUARY 6  
Penticton  
eP 06 08 47

FEBRUARY 6  
Resolute  
eP? 07 59 (26)

FEBRUARY 6  
Penticton  
iP 08 23 09

FEBRUARY 6  
Penticton  
eP 10 13 55

FEBRUARY 6  
Penticton  
iP 15 02 04

FEBRUARY 6  
Resolute  
eP 20 13 09

FEBRUARY 7  
H = 00 31 33  
Mag 1.5  
Penticton  
iP<sub>1</sub> 00 31 46.8  
iS<sub>1</sub> 00 31 57.5  
D = 88 km

FEBRUARY 7  
Penticton  
iP 01 22 15 d  
Resolute  
eP 01 21 34

FEBRUARY 7  
U.S.C.G.S.  
20.4S, 68.4W  
Chile-Bolivia border  
H = 07 36 05.1  
h = 222 km  
Penticton  
iP 07 48 10 c  
Seven Falls  
P 07 46 41  
Shawinigan Falls  
eP 07 47 06

FEBRUARY 7  
Resolute  
eP? 09 42 (30)

FEBRUARY 7  
Mould Bay  
P 16 58 13

FEBRUARY 7  
H = 23 52 51  
Mag 1.5  
Penticton  
iP<sub>1</sub> 23 53 17.5  
iS<sub>1</sub> 23 53 37.7  
D = 165 km

FEBRUARY 8  
Penticton  
eP 01 11 54

FEBRUARY 8  
H = 04 10 25  
Mag 1.0  
Penticton  
iP<sub>1</sub> 04 10 29.8  
iS<sub>1</sub> 04 10 33.2  
D = 28 km

FEBRUARY 8  
Resolute  
eP 04 16 24

FEBRUARY 8  
Banff  
eP 08 38 22  
Mould Bay  
P 08 40 40  
Penticton  
iP 08 38 27 d

FEBRUARY 8  
U.S.C.G.S.  
3.2S, 141.3E  
New Guinea  
H = 11 49 13.9  
h = 87 km



DOMINION OBSERVATORIES

Mould Bay  
 eP 12 02 32  
 Penticton  
 eP 12 02 47  
 Resolute  
 eP 12 03 01  
 Shawinigan Falls  
 eP' 12 08 16

FEBRUARY 8  
 Penticton  
 eP 13 08 30

FEBRUARY 8  
 U.S.C.G.S.  
 0.7N, 98.6E  
 Sumatra  
 H = 19 40 27.7  
 h = 43 km  
 Mould Bay  
 P 19 54 12  
 Penticton  
 iP' 19 59 17  
 Resolute  
 eP? 19 54 31  
 i 19 58 41

FEBRUARY 8  
 Penticton  
 eP 23 16 21  
 Resolute  
 eP? 23 15 42

FEBRUARY 8  
 Resolute  
 eP? 23 46 46

FEBRUARY 9  
 U.S.C.G.S.  
 34.5N, 140.9E  
 Honshu Japan  
 H = 01 01 37.0  
 h = 25 km  
 Resolute  
 eP? 01 12 18

FEBRUARY 9  
 Mould Bay  
 P 05 53 17  
 Penticton  
 eP 05 54 20  
 Resolute  
 eP 05 54 11

FEBRUARY 9  
 H = 12 22 49  
 Mag 1.8  
 Penticton  
 iP1 12 23 11.9  
 iS1 12 23 27.6  
 D = 129 km

FEBRUARY 9  
 U.S.C.G.S.  
 51.2N, 178.4W  
 Andeanof Islands  
 H = 18 14 32.7  
 h = 25 km  
 Mould Bay  
 P 18 21 13  
 Penticton  
 iP 18 21 41

FEBRUARY 9  
 Penticton  
 eP 18 50 59

FEBRUARY 9  
 Penticton  
 eP 19 59 09

FEBRUARY 9  
 U.S.C.G.S.  
 0.6N, 123.9E  
 Celebes  
 H = 21 51 13.2  
 h = 50 km

Mould Bay  
 eP 22 04 37 c  
 Resolute  
 eP 22 05 03  
 Shawinigan Falls  
 eP' 22 10 22  
 i 22 13 38

FEBRUARY 9  
 H = 22 10 02  
 Mag 1.7  
 Penticton  
 P1 22 10 27.8  
 S1 22 10 47.7  
 D = 163 km

FEBRUARY 9  
 Penticton  
 eP 23 04 13

FEBRUARY 10  
 U.S.C.G.S.  
 19.2S, 69.5W  
 Chile-Bolivia Border  
 H = 04 19 41.7  
 h = 232 km  
 Penticton  
 eP 04 31 27

FEBRUARY 10  
 Victoria  
 eP 10 39 04

FEBRUARY 10  
 Banff  
 eP 13 17 29

FEBRUARY 10  
 Alberni  
 eP 13 20 57  
 Mould Bay  
 iP 13 17 51 c  
 Penticton  
 eP 13 17 27  
 iP 13 20 48

SEISMOLOGICAL BULLETIN - 1962

Resolute  
 eP 13 17 (36)  
 i 13 18 35  
 i 13 21 13

Victoria  
 eP 13 20 52 c

FEBRUARY 10  
 Resolute  
 eP? 17 42 01

FEBRUARY 10  
 Banff  
 eP 18 13 58

FEBRUARY 10  
 Resolute  
 eP? 19 02 51

FEBRUARY 10  
 U.S.C.G.S.  
 17.9N, 62.2W  
 Leeward Islands  
 H = 19 31 56.2  
 h = 70 km  
 Alberni  
 P 19 41 49  
 Alert N.W.T.  
 P 19 42 26  
 Banff  
 eP 19 41 09  
 Mould Bay  
 P 19 42 31  
 Penticton  
 iP 19 41 25 d  
 Resolute  
 eP 19 41 52  
 e 19 56 50  
 e 20 01 18

Seven Falls  
 iP 19 37 59 c  
 Shawinigan Falls  
 eP 19 37 59  
 Victoria  
 eP 19 41 41 d

FEBRUARY 10  
 Mould Bay  
 P 19 55 53

FEBRUARY 10  
 U.S.C.G.S.  
 33.1S, 69.0W  
 Argentina  
 H = 19 46 11.0  
 h = 171 km  
 Penticton  
 iP 19 59 09 c  
 Shawinigan Falls  
 eP 19 58 02

FEBRUARY 10  
 Penticton  
 eP 21 39 51

FEBRUARY 11  
 U.S.C.G.S.  
 29.6N, 139.0E  
 South of Honshu Japan  
 H = 02 42 36.1  
 h = 400 km  
 Alberni  
 P 02 53 18 c  
 Alert N.W.T.  
 iP 02 52 56  
 Banff  
 eP 02 53 43  
 Mould Bay  
 iP 02 52 30 c  
 Penticton  
 iP 02 53 35 c  
 Resolute  
 eP 02 53 08 (c)  
 Victoria  
 iP 02 53 25 c

FEBRUARY 11  
 Canadian Arctic  
 H = 07 40 00.6  
 Mag 1.6

Resolute  
 iP1 07 40 17.0  
 iS1 07 40 29.5  
 D = 103 km

FEBRUARY 11  
 Alberni  
 P 08 29 38  
 Penticton  
 iP 08 29 59  
 Resolute  
 eP? 08 29 23

FEBRUARY 11  
 U.S.C.G.S.  
 52.0N, 168.0W  
 Fox Islands  
 H = 10 01 24.8  
 h = 50 km

Alberni  
 P 10 07 11  
 Alert N.W.T.  
 P 10 09 03  
 Banff  
 eP 10 07 49  
 Mould Bay  
 P 10 07 37  
 Penticton  
 iP 10 07 35 c  
 Resolute  
 eP 10 08 27  
 Seven Falls  
 iP 10 11 16 c  
 Shawinigan Falls  
 eP 10 11 14 c  
 Victoria  
 eP 10 07 17

FEBRUARY 11  
 U.S.C.G.S.  
 4.5S, 153.5E  
 New Ireland region  
 H = 18 55 32.0  
 h = 100 km  
 Mag 6  
 Alberni  
 P 19 08 12  
 Banff  
 eP 19 08 40



DOMINION OBSERVATORIES

Mould Bay  
P 19 08 37  
Penticton  
eP 19 08 27  
Resolute  
eP 19 09 06  
Seven Falls  
P' 19 14 16  
Victoria  
eP 19 08 14

FEBRUARY 11  
Penticton  
eP 19 25 50  
Resolute  
eP? 19 25 51

FEBRUARY 11  
H = 21 23 16  
Mag 1.1  
Alberni  
eP<sub>1</sub> 21 23 20.4  
eS<sub>1</sub> 21 23 24.0  
D = 30 km

FEBRUARY 12  
H = 02 23 23  
Mag 2.1  
Alberni  
eP<sub>1</sub> 02 23 31.3  
eS<sub>1</sub> 02 23 37.8  
D = 53 km

FEBRUARY 12  
Alberni  
eP 08 48 47

FEBRUARY 12  
Mould Bay  
P 11 22 40

FEBRUARY 12  
U.S.C.G.S.  
44.0N, 146.5E  
Near coast of  
Hokkaido, Japan  
H = 11 57 53.3  
Resolute  
eP 12 07 15

FEBRUARY 12  
U.S.C.G.S.  
34.4N, 135.6E  
Honshu Japan  
H = 17 25 56.9  
h = 317 km  
Penticton  
iP 17 36 58  
Resolute  
iP 17 36 21 c

FEBRUARY 12  
H = 19 41 16  
Mag 1.8  
Penticton  
iP<sub>1</sub> 19 41 41.0  
iS<sub>1</sub> 19 42 00.4  
D = 159 km

FEBRUARY 12  
Mould Bay  
P 20 32 13

FEBRUARY 12  
U.S.C.G.S.  
12.6N, 139.8E  
West of Mariana Islands  
H = 22 05 34.9  
h = 73 km  
Mould Bay  
P 22 17 41  
Penticton  
eP 22 18 13

FEBRUARY 12  
H = 23 25 29  
Mag 1.5  
Penticton  
iP<sub>1</sub> 23 25 55.4  
iS<sub>1</sub> 23 26 15.7  
D = 166 km

FEBRUARY 12  
U.S.C.G.S.  
26.4N, 140.9E  
Bonin Islands region  
H = 23 24 55.2  
h = 168 km  
Mould Bay  
P 23 35 33  
Resolute  
eP 23 36 10

FEBRUARY 12  
Penticton  
iP 23 47 40

FEBRUARY 13  
H = 00 30 55  
Mag 1.7  
Alberni  
iP<sub>1</sub> 00 31 07.0  
iS<sub>1</sub> 00 31 15.9  
D = 73 km  
Victoria  
iP<sub>1</sub> 00 31 07.4  
iS<sub>1</sub> 00 31 16.7  
D = 76 km

FEBRUARY 13  
Mould Bay  
P 00 48 56

FEBRUARY 13  
U.S.C.G.S.  
54.1N, 35.1W  
North Atlantic Ocean  
H = 00 46 16.3  
h = 27 km

SEISMOLOGICAL BULLETIN - 1962

Halifax  
iP 00 50 58.5 c  
Mould Bay  
P 00 53 27  
Penticton  
eP 00 55 06  
Resolute  
eP 00 52 34 c  
Seven Falls  
iP 00 51 22  
Shawinigan Falls  
eP 00 51 41

FEBRUARY 13  
H = 02 18 08  
Mag 1.5  
Alberni  
eP<sub>1</sub> 02 18 16.4  
eS<sub>1</sub> 02 18 22.4  
D = 49 km

FEBRUARY 13  
49.0N, 156.2E  
Kurile Islands  
H = 02 22 15.2  
h = 45 km  
Alert N.W.T.  
iP 02 30 47 c  
Mould Bay  
P 02 30 04  
Penticton  
eP 02 31 20  
Resolute  
eP 02 30 53 c  
i 02 32 33

FEBRUARY 13  
Mould Bay  
iP 13 23 10 c  
Penticton  
e 13 26 05  
Resolute  
eP? 13 22 51

FEBRUARY 13  
Penticton  
eP 20 15 24  
FEBRUARY 13  
U.S.C.G.S.  
42.7N, 145.3E  
Near coast of  
Hokkaido, Japan  
H = 20 33 42.6  
h = 105 km  
Penticton  
eP 20 43 51  
Resolute  
eP 20 43 12

FEBRUARY 12  
Canadian Arctic  
H = 13 21 36.5  
Mag 1.8  
Resolute  
iP<sub>1</sub> 13 22 08.0  
iS<sub>1</sub> 13 22 32.0

FEBRUARY 14  
U.S.C.G.S.  
0.1N, 123.8E  
Northern Celebes  
H = 02 47 30.7  
h = 96 km  
Shawinigan Falls  
eP' 03 06 37  
e 03 09 51

FEBRUARY 14  
U.S.C.G.S.  
38.1S, 73.1W  
Near coast of Chile  
H = 06 36 01.3  
h = 44 km  
Mag 7 1/4  
Alert N.W.T.  
P' 06 53 49  
Banff  
eP 06 49 27

Halifax  
eP 06 48 23.5 c  
Mould Bay  
P' 06 54 44  
Penticton  
eP 06 49 27  
Resolute  
eP? 06 50 46  
Shawinigan Falls  
eP 06 48 30 c  
Victoria  
eP 06 49 33 c

FEBRUARY 14  
U.S.C.G.S.  
38.2S, 73.7W  
Near coast of Chile  
H = 07 08 21.1  
h = 40 km  
Halifax  
eP 07 20 42.5 d  
Mould Bay  
P' 07 27 02  
Shawinigan Falls  
eP 07 20 48

FEBRUARY 14  
U.S.C.G.S.  
38.1S, 73.7W  
Near coast of Chile  
H = 08 11 59.3  
h = 40 km  
Shawinigan Falls  
eP 08 24 25

FEBRUARY 14  
U.S.C.G.S.  
38.2S, 73.1W  
Near coast of Chile  
H = 08 29 00.1  
h = 40 km  
Halifax  
iP 08 41 22 d  
Shawinigan Falls  
eP 08 41 29



DOMINION OBSERVATORIES

FEBRUARY 14  
 U.S.C.G.S.  
 5.7N, 126.0E  
 Near coast of  
 Mindanao  
 H = 11 43 35.1  
 h = 147 km  
 Mould Bay  
 P 11 56 25  
 Resolute  
 eP 11 56 51  
 Shawinigan Falls  
 eP' 12 02 25

FEBRUARY 14  
 Penticton  
 eP 16 05 41

FEBRUARY 14  
 Penticton  
 eP 18 18 46

FEBRUARY 14  
 Penticton  
 eP 22 55 31

FEBRUARY 15  
 H = 00 00 41.7  
 Mag 1.8  
 Penticton  
 iP<sub>1</sub> 00 01 18.3  
 iS<sub>1</sub> 00 01 38.6

FEBRUARY 15  
 Penticton  
 eP 00 10 53

FEBRUARY 15  
 Penticton  
 eP 07 02 25

FEBRUARY 15  
 Mould Bay  
 P 08 17 44

FEBRUARY 15  
 Canadian Arctic  
 H = 14 09 29  
 h = 27 km  
 Mag 3.6  
 Resolute  
 P<sub>n</sub> 14 10 21  
 P<sub>1</sub> 14 10 32.0  
 i 14 10 38.5  
 S<sub>n</sub> 14 11 00  
 S<sub>1</sub> 14 11 13.5  
 D = 388 km  
 Not recorded elsewhere

FEBRUARY 15  
 U.S.C.G.S.  
 49.4S, 32.1E  
 Prince Edward Islands  
 region  
 H = 09 56 01.0  
 h = 25 km  
 Mould Bay  
 P' 10 15 50  
 Penticton  
 eP<sub>1</sub>' 10 16 14  
 Resolute  
 eP' 10 15 38

FEBRUARY 15  
 Penticton  
 eP 15 39 05  
 e 15 42 01

FEBRUARY 15  
 Resolute  
 e 15 57 42

FEBRUARY 15  
 Resolute  
 eP 17 34 59

FEBRUARY 15  
 Mould Bay  
 P 18 07 30  
 Penticton  
 eP 18 02 58  
 Resolute  
 eP 18 07 27  
 i 18 09 38  
 Victoria  
 eP 18 03 15

FEBRUARY 15  
 U.S.C.G.S.  
 38.1S, 73.2W  
 Near coast of Chile  
 H = 20 28 47.2  
 h = 40 km  
 Seven Falls  
 P 20 41 20  
 Shawinigan Falls  
 iP 20 41 25 d

FEBRUARY 15  
 U.S.C.G.S.  
 23.9S, 176.5W  
 Tonga Islands region  
 H = 20 55 59.7  
 h = 25 km  
 Penticton  
 iP 21 08 58 d

FEBRUARY 15  
 Penticton  
 eP 21 36 16

FEBRUARY 15  
 U.S.C.G.S.  
 31.9N, 137.9E  
 South of Honshu Japan  
 H = 23 40 39.4  
 h = 257 km  
 Alberni  
 eP 23 51 20

SEISMOLOGICAL BULLETIN - 1962

Mould Bay  
 P 23 50 36  
 Penticton  
 iP 23 51 48

FEBRUARY 16  
 Penticton  
 eP 00 00 26

FEBRUARY 16  
 Penticton  
 eP 01 06 52  
 Mould Bay  
 P 01 06 08

FEBRUARY 16  
 U.S.C.G.S.  
 38.1S, 73.1W  
 Near coast of Chile  
 H = 02 55 07.0  
 h = 40 km  
 Shawinigan Falls  
 eP 03 07 35

FEBRUARY 16  
 Alert N.W.T.  
 eP 04 46 10

FEBRUARY 16  
 U.S.C.G.S.  
 49.4N, 156.0E  
 Kurile Islands  
 H = 15 54 32.3  
 h = 24 km

Alert N.W.T.  
 iP 16 03 05 c  
 Mould Bay  
 iP 16 02 23 c  
 Penticton  
 eP 16 03 44  
 Resolute  
 eP 16 03 12 c  
 Shawinigan Falls  
 eP 16 06 19

FEBRUARY 16  
 Resolute  
 eP? 16 17 57

FEBRUARY 16  
 H = 23 51 53.1  
 Mag 1.8  
 Penticton  
 P<sub>1</sub> 23 52 21.4  
 S<sub>1</sub> 23 52 43.0  
 D = 177 km

FEBRUARY 17  
 Resolute  
 eP 01 37 12

FEBRUARY 17  
 U.S.C.G.S.  
 61.6S, 162.9E  
 South of MacQuarie  
 Island  
 H = 03 43 45.1  
 h = 25 km  
 Mould Bay  
 eP' 04 03 28 c  
 Resolute  
 eP' 04 03 (41)  
 Seven Falls  
 P' 04 03 37  
 Shawinigan Falls  
 eP' 04 03 33

FEBRUARY 17  
 Mould Bay  
 P 14 19 03  
 Resolute  
 eP? 14 20 24  
 e 14 24 05

FEBRUARY 17  
 Penticton  
 eP 14 47 17

FEBRUARY 17  
 Southeastern British  
 Columbia  
 H = 16 36 09  
 Mag 2.6

Banff  
 P<sub>1</sub> 16 36 35.1  
 S<sub>1</sub> 16 36 57.0  
 D = 164 km  
 Penticton  
 P<sub>n</sub> 16 36 41.0  
 D = 209 km

FEBRUARY 17  
 Resolute  
 eP 16 45 35

FEBRUARY 17  
 U.S.C.G.S.  
 38.0S, 73.5W  
 Near coast of Chile  
 H = 18 16 06.2  
 h = 40 km  
 Seven Falls  
 P 18 28 37  
 Shawinigan Falls  
 eP 18 28 34

FEBRUARY 17  
 U.S.C.G.S.  
 49.2N, 156.0E  
 Kurile Islands  
 H = 22 01 51.1  
 h = 23 km

Alberni  
 eP 22 10 44  
 Alert N.W.T.  
 P 22 10 25  
 Mould Bay  
 P 22 09 41

Penticton  
 eP 22 11 03  
 Resolute  
 eP 22 10 31(c)



DOMINION OBSERVATORIES

FEBRUARY 17  
 U.S.C.G.S.  
 52.7N, 169.7W  
 Fox Islands  
 H = 22 28 22.8  
 h = 29 km  
 Mould Bay  
 P 22 34 36  
 Penticton  
 iP 22 34 45 d  
 Seven Falls  
 P 22 38 24  
 Shawinigan Falls  
 eP 22 38 20 d

FEBRUARY 18  
 H = 00 20 56  
 Mag 2.0  
 Alberni  
 eP<sub>1</sub> 00 21 04.9  
 eS<sub>1</sub> 00 21 08.8  
 D = 54 km

FEBRUARY 18  
 U.S.C.G.S.  
 49.2N, 156.6E  
 Kurile Islands  
 H = 01 28 34.9  
 h = 46 km  
 Alberni  
 eP 01 37 23  
 Alert N.W.T.  
 P 01 37 04  
 Mould Bay  
 P 01 36 22  
 Penticton  
 iP 01 37 44  
 Shawinigan Falls  
 eP 01 40 29  
 Victoria  
 eP 01 37 32

FEBRUARY 18  
 Penticton  
 eP 07 12 46  
 Resolute  
 eP 07 10 12

Seven Falls  
 P 07 10 09  
 Shawinigan Falls  
 eP 07 10 20 d

FEBRUARY 18  
 Resolute  
 eP 08 46 52

FEBRUARY 18  
 Penticton  
 eP 10 05 16

FEBRUARY 18  
 U.S.C.G.S.  
 41.5N, 142.4E  
 Near coast of Hokkaido,  
 Japan  
 H = 10 42 32.8  
 h = 40 km  
 Alert N.W.T.  
 iP 10 52 06 c  
 Mould Bay  
 P 10 51 40  
 Penticton  
 eP 10 53 07  
 Resolute  
 eP 10 52 23 c

FEBRUARY 18  
 U.S.C.G.S.  
 8.1N, 74.6W  
 Northern Colombia  
 H = 17 25 17.3  
 h = 70 km  
 Alberni  
 eP 17 35 07  
 Alert N.W.T.  
 iP 17 36 50 d  
 Halifax  
 iP 17 32 31 d  
 Mould Bay  
 iP 17 36 37 d  
 Penticton  
 iP 17 34 47

Resolute  
 eP 17 36 08  
 Seven Falls  
 iP 17 32 42  
 Shawinigan Falls  
 eP 17 32 36  
 Victoria  
 eP 17 35 01 d

FEBRUARY 18  
 U.S.C.G.S.  
 15.5S, 166.8E  
 New Hebrides  
 H = 22 26 06.5  
 h = 45 km  
 Penticton  
 eP 22 39 08

FEBRUARY 18  
 Penticton  
 eP 23 21 01  
 Seven Falls  
 iP 23 19 39

FEBRUARY 18  
 Penticton  
 eP 23 33 19

FEBRUARY 18  
 U.S.C.G.S.  
 0.6S, 91.7W  
 Galapagos Islands  
 H = 23 25 20.1  
 h = 43 km  
 Alberni  
 eP 23 35 07  
 Alert N.W.T.  
 iP 23 37 49 c  
 Banff  
 eP 23 34 53  
 Mould Bay  
 iP 23 37 19 c  
 Penticton  
 iP 23 34 53 c  
 Resolute  
 eP 23 37 01 c

SEISMOLOGICAL BULLETIN - 1962

Seven Falls  
 iP 23 34 21 c  
 Shawinigan Falls  
 eP 23 34 12  
 Victoria  
 eP 23 34 59

FEBRUARY 19  
 U.S.C.G.S.  
 52.3N, 158.4E  
 Near coast of Kamchatka  
 H = 02 58 46.9  
 h = 32 km  
 Mould Bay  
 P 03 06 05  
 Resolute  
 eP 03 06 57

FEBRUARY 19  
 Resolute  
 eP? 05 41 36  
 Shawinigan Falls  
 eP 05 41 33

FEBRUARY 19  
 Mould Bay  
 P 08 20 19

FEBRUARY 19  
 U.S.C.G.S.  
 20.2S, 175.1W  
 Tonga Islands  
 H = 11 04 46.6  
 h = 95 km  
 Alberni  
 eP 11 17 00  
 Banff  
 iP 11 17 28 c  
 Mould Bay  
 iP' 11 23 13 d  
 Penticton  
 iP 11 17 13 c  
 Resolute  
 eP' 11 23 32  
 Victoria  
 eP 11 17 01 c

FEBRUARY 19  
 Penticton  
 iP 20 21 48

FEBRUARY 19  
 U.S.C.G.S.  
 11.7N, 88.1W  
 Off coast of Nicaragua  
 H = 20 16 03.6  
 h = 39 km  
 Alberni  
 eP 20 24 45  
 Mould Bay  
 iP 20 26 34 c  
 Penticton  
 iP 20 24 25 c  
 Resolute  
 eP 20 26 30 c  
 i 20 26 45

FEBRUARY 19  
 Seven Falls  
 P 20 23 24  
 Shawinigan Falls  
 eP 20 23 15 d  
 Victoria  
 iP 20 24 36 d

FEBRUARY 19  
 Shawinigan Falls  
 eP 21 56 54

FEBRUARY 20  
 Puget Sound, Wash.  
 U.S.A.  
 H = 01 23 51  
 Mag 2.5  
 Penticton  
 P<sub>n</sub> 01 24 34.4  
 Victoria  
 eP<sub>1</sub> 01 24 12.2  
 iS<sub>1</sub> 01 24 28.2

FEBRUARY 20  
 Alert N.W.T.  
 P 01 27 46

FEBRUARY 20  
 Penticton  
 iP 03 13 54  
 Seven Falls  
 iP 03 12 26 c

FEBRUARY 20  
 48.7°N, 123.0°W  
 Gulf Islands  
 H = 07 28 23  
 Mag 2.3  
 Alberni  
 eP<sub>1</sub> 07 28 50.1  
 eS<sub>1</sub> 07 29 16.6  
 Penticton  
 iP 07 29 03.9  
 Victoria  
 iP<sub>1</sub> 07 28 32.8  
 iS<sub>1</sub> 07 28 39.8

FEBRUARY 20  
 U.S.C.G.S.  
 6.8N, 92.5E  
 Nicobar Islands  
 H = 09 15 55.1  
 h = 29 km  
 Alert N.W.T.  
 P 09 28 57  
 Mould Bay  
 P 09 29 20  
 Resolute  
 eP 09 29 (37)  
 e 09 48 (20)

FEBRUARY 20  
 Penticton  
 eP 10 19 34

FEBRUARY 20  
 U.S.C.G.S.  
 25.9S, 178.4E  
 South of Fiji Islands  
 H = 10 07 26.6  
 h = 655 km



DOMINION OBSERVATORIES

Mould Bay  
P' 10 24 42  
Penticton  
eP 10 21 46  
e 10 34 22  
Resolute  
eP' 10 24 52  
i 10 27 28  
Seven Falls  
P' 10 25 09

FEBRUARY 20  
U.S.C.G.S.  
6.9N, 73.1W  
Colombia  
H = 16 02 15.0  
h = 157 km  
Mould Bay  
iP 16 13 33 d  
Penticton  
eP 16 11 51  
Resolute  
eP? 16 13 04  
Shawinigan Falls  
eP 16 09 34

FEBRUARY 20  
U.S.C.G.S.  
43.0N, 144.9E  
Near coast of Hokkaido  
Japan  
H = 16 05 44.6  
h = 55 km  
Alberni  
eP 16 15 43  
Alert N. W. T.  
P 16 15 03  
Mould Bay  
P 16 14 36  
Penticton  
iP 16 16 02 c  
Resolute  
eP 16 15 20  
Seven Falls  
eP 16 18 15 c  
Shawinigan Falls  
eP 16 18 14 c  
Victoria  
eP 16 15 59 c

FEBRUARY 20  
U.S.C.G.S.  
46.8N, 152.8E  
Kurile Islands  
H = 19 08 39.8  
h = 22 km  
Alberni  
iP 19 17 53 c  
Alert N. W. T.  
P 19 17 32  
Mould Bay  
P 19 16 53  
Penticton  
iP 19 18 13  
Resolute  
eP 19 17 41  
i 19 19 34

FEBRUARY 20  
U.S.C.G.S.  
50.6S, 110.8E  
South of Australia  
H = 20 11 13.7  
h = 31 km  
Mould Bay  
P'1 20 31 06  
Penticton  
eP'1 20 31 03  
Resolute  
eP'1 20 31 (21)  
i 20 31 39

FEBRUARY 20  
U.S.C.G.S.  
26.1, 96.8E  
Northern Burma  
H = 22 02 38.2  
h = 25 km  
Alberni  
eP 22 16 07  
Banff  
eP 22 16 16  
Mould Bay  
P 22 14 21  
Penticton  
eP 22 16 13  
Resolute  
eP 22 14 42

FEBRUARY 20  
Penticton  
eP 22 26 02

FEBRUARY 20  
Washington, U.S.A.  
H = 22 29 08  
Mag 2.1  
Penticton  
iP1 22 29 41.5  
iS1 22 29 07.6  
D = 214 km  
Victoria  
iP1 22 29 29.2  
iS1 22 29 45.1  
D = 130 km

FEBRUARY 21  
H = 00 06 06.9  
Mag 1.9  
Penticton  
iP1 00 06 32.5  
iS1 00 06 52.0  
D = 160 km

FEBRUARY 21  
U.S.C.G.S.  
24.8S, 177.1W  
Tonga Islands region  
H = 00 06 02.4  
h = 38 km  
Penticton  
iP 00 18 59 c

FEBRUARY 21  
Penticton  
eP 00 34 50

FEBRUARY 21  
Mould Bay  
P 09 25 26

SEISMOLOGICAL BULLETIN - 1962

FEBRUARY 21  
U.S.C.G.S.  
51.2N, 179.5E  
Rat Islands  
H = 09 53 12.2  
h = 40 km  
Mould Bay  
P 09 59 56  
Penticton  
eP 10 00 44  
e 10 01 47

FEBRUARY 21  
U.S.C.G.S.  
56.8S, 146.7E  
West of MacQuarie  
Island  
H = 09 50 05.4  
h = 25 km  
Mould Bay  
P' 10 09 45  
Resolute  
eP' 10 09 59  
i 10 10 04

FEBRUARY 21  
Mould Bay  
P 12 49 35

FEBRUARY 21  
Penticton  
eP 13 43 47

FEBRUARY 21  
Resolute  
eP 16 15 13

FEBRUARY 21  
U.S.C.G.S.  
16.3N, 93.0W  
Chiapas, Mexico  
H = 17 21 57.0  
h = 80 km

Mould Bay  
iP 17 32 05 c  
Penticton  
iP 17 29 20  
Resolute  
iP 17 31 43 c

FEBRUARY 21  
Mould Bay  
P 17 51 55

FEBRUARY 21  
Penticton  
eP 22 07 20

FEBRUARY 22  
Resolute  
eP? 06 03 12

FEBRUARY 22  
Shawinigan Falls  
eP 08 36 54

FEBRUARY 22  
Shawinigan Falls  
eP 11 38 21

FEBRUARY 22  
U.S.C.G.S.  
29.4N, 131.1E  
Ryukyu Islands  
H = 16 38 01.4  
h = 25 km  
Mould Bay  
iP 16 48 48 d  
Resolute  
eP 16 49 25 d

FEBRUARY 22  
Resolute  
eP 18 22 54

FEBRUARY 22  
Resolute  
eP? 20 08 (27)  
e 20 11 42

FEBRUARY 23  
H = 02 35 48.9  
Mag 2.0  
Alberni  
iP1 02 36 00.1  
iS1 02 36 08.6  
D = 70 km

FEBRUARY 23  
Canadian Arctic  
H = 11 10 29.2  
Mag 2.1  
Resolute  
iP1 11 10 41  
iS1 11 10 50

FEBRUARY 23  
U.S.C.G.S.  
6.3S, 147.0E  
New Guinea  
H = 11 40 52.8  
h = 80 km  
Penticton  
eP 11 54 15  
Seven Falls  
eP' 11 59 51 c  
Shawinigan Falls  
eP' 11 59 51

FEBRUARY 23  
Resolute  
e 12 14 (20)

FEBRUARY 23  
Resolute  
e 13 26 49



DOMINION OBSERVATORIES

FEBRUARY 23  
 U.S.C.G.S.  
 11.1N, 125.8E  
 Philippine Islands  
 H = 19 29 15.1  
 h = 100 km  
 Mould Bay  
 P 19 41 41  
 Resolute  
 eP 19 42 08

FEBRUARY 23  
 H = 20 09 20.7  
 Mag 2.0  
 Alberni  
 iP<sub>1</sub> 20 09 32.5  
 iS<sub>1</sub> 20 09 41.5  
 D = 74 km  
 Victoria  
 iP<sub>1</sub> 20 09 29.8  
 iS<sub>1</sub> 20 09 42.0  
 D = 100 km

FEBRUARY 23  
 U.S.C.G.S.  
 10.9N, 125.8E  
 Philippine Islands  
 H = 20 00 30.4  
 h = 98 km  
 Resolute  
 eP 20 13 (23)

FEBRUARY 23  
 U.S.C.G.S.  
 3.8S, 152.0E  
 New Britain  
 H = 20 21 28.6  
 h = 25 km  
 Penticton  
 eP 20 34 44  
 Resolute  
 eP 20 35 (15)

FEBRUARY 24  
 U.S.C.G.S.  
 12.2N, 88.8W  
 Off coast of El Salvador  
 H = 01 03 17.6  
 h = 40 km  
 Mould Bay  
 iP 01 14 01 c  
 Penticton  
 iP 01 11 30 c  
 Resolute  
 iP 01 13 37 c  
 Seven Falls  
 eP 01 10 32  
 Shawinigan Falls  
 eP 01 10 22  
 e 01 10 38

FEBRUARY 24  
 81.1°N, 105.0°W  
 About 90 miles north of Ellef Ringnes Island, Queen Elizabeth Islands, N.W.T.  
 H = 02 29 44  
 Mag 3.5  
 Alert N.W.T.  
 P<sub>n</sub> 02 31 20.5  
 S<sub>n</sub> 02 32 29.5  
 D = 746 km  
 Mould Bay  
 P<sub>n</sub> 02 30 59.9  
 S<sub>n</sub> 02 31 52  
 D = 575 km  
 Resolute  
 eP<sub>n</sub> 02 31 16  
 S<sub>n</sub> 02 32 24  
 D = 709 km

FEBRUARY 24  
 H = 04 21 53.6  
 Mag 2.5  
 Penticton  
 iP<sub>1</sub> 04 22 34.0  
 iS<sub>1</sub> 04 23 07.7  
 D = 276 km

FEBRUARY 24  
 H = 07 06 32.3  
 Mag 2.8  
 Alberni  
 iP<sub>1</sub> 07 07 10.1  
 eS<sub>1</sub> 07 07 41.3  
 D = 255 km

FEBRUARY 24  
 Penticton  
 eP 07 32 30

FEBRUARY 24  
 Penticton  
 eP 07 59 17

FEBRUARY 24  
 Resolute  
 eP 10 22 34 d

FEBRUARY 24  
 Penticton  
 eP 10 43 58

FEBRUARY 24  
 Penticton  
 eP 11 23 10  
 e 11 26 03

FEBRUARY 24  
 Penticton  
 eP 12 19 48

FEBRUARY 24  
 U.S.C.G.S.  
 49.0N, 156.2E  
 Kurile Islands  
 H = 12 22 48.1  
 h = 62 km  
 Mould Bay  
 P 12 30 35

SEISMOLOGICAL BULLETIN - 1962

Penticton  
 eP 12 31 56  
 Resolute  
 eP 12 31 25  
 i 12 33 06

FEBRUARY 24  
 Penticton  
 eP 13 30 48

FEBRUARY 24  
 U.S.C.G.S.  
 9.5N, 120.9E  
 Sulu Sea  
 H = 13 48 44.8  
 h = 25 km  
 Mould Bay  
 P 14 01 29  
 Resolute  
 eP 14 01 (57)

FEBRUARY 24  
 Penticton  
 eP 14 23 15

FEBRUARY 24  
 U.S.C.G.S.  
 5.5S, 146.1E  
 New Guinea  
 H = 19 34 33.6  
 h = 40 km  
 Penticton  
 eP 19 48 02

FEBRUARY 24  
 Penticton  
 eP 19 55 00

FEBRUARY 24  
 Shawinigan Falls  
 eP 20 07 54 d

FEBRUARY 24  
 Resolute  
 eP 20 29 19

FEBRUARY 24  
 Penticton  
 eP 22 14 26

FEBRUARY 25  
 Penticton  
 eP 01 40 55

FEBRUARY 25  
 Penticton  
 eP 02 10 46

FEBRUARY 25  
 Penticton  
 eP 02 52 40

FEBRUARY 25  
 49.0°N, 128.5°W  
 Off coast of Vancouver Island  
 H = 06 05 50  
 Mag 3.5  
 U.S.C.G.S.  
 49.3N, 129.2W  
 H = 06 05 44.8  
 h = 25 km  
 Alberni  
 eP<sub>1</sub> 06 06 29.0  
 iS<sub>1</sub> 06 07 01.0  
 D = 262 km  
 Penticton  
 eP<sub>n</sub> 06 07 13.5  
 D = 636 km  
 Victoria  
 eP<sub>1</sub> 06 06 41.6  
 iS<sub>1</sub> 06 07 25.0  
 D = 366 km

FEBRUARY 25  
 Penticton  
 eP 11 57 01

FEBRUARY 25  
 Resolute  
 eP 12 52 52

FEBRUARY 25  
 Resolute  
 eP 13 11 28

FEBRUARY 25  
 U.S.C.G.S.  
 11.7N, 120.9E  
 Mindora, Philippine Islands  
 H = 06 22 06.9  
 h = 25 km  
 Resolute  
 eP? 06 35 (10)

FEBRUARY 25  
 Penticton  
 eP 08 23 41

FEBRUARY 25  
 Penticton  
 eP 09 28 11

FEBRUARY 25  
 Penticton  
 eP 09 34 37

FEBRUARY 25  
 Penticton  
 eP 09 58 05

FEBRUARY 25  
 Penticton  
 eP 11 39 41

FEBRUARY 25  
 Penticton  
 eP 11 57 01

FEBRUARY 25  
 Resolute  
 eP 12 52 52

FEBRUARY 25  
 Resolute  
 eP 13 11 28



DOMINION OBSERVATORIES

FEBRUARY 25  
Penticton  
eP 13 26 52

FEBRUARY 25  
Penticton  
eP 15 19 22

FEBRUARY 25  
U.S.C.G.S.  
45.2N, 111.2W  
Montana  
H = 17 17 38.9  
h = 25 km  
Penticton  
eP 17 19 17

FEBRUARY 25  
Penticton  
eP 17 28 47

FEBRUARY 25  
Penticton  
iP 17 43 21

FEBRUARY 25  
Penticton  
eP 18 55 31

FEBRUARY 26  
Victoria  
eP 00 18 34

FEBRUARY 26  
Penticton  
eP 01 08 31  
Victoria  
eP 01 08 21

FEBRUARY 26  
U.S.C.G.S.  
42.0N, 141.8E  
South of Hokkaido,  
Japan

H = 01 13 09.4  
h = 60 km

Alert  
P 01 22 40

Mould Bay  
P 01 22 15

Resolute  
eP 01 22 57 (c)  
i 01 23 20

FEBRUARY 26  
U.S.C.G.S.  
9.3S, 152.9E  
D'Entrecasteaux Islands  
H = 02 17 38.6  
h = 47 km  
Penticton  
eP 02 31 38

FEBRUARY 26  
Penticton  
eP 05 00 39

FEBRUARY 26  
Penticton  
eP 06 09 06

FEBRUARY 26  
Penticton  
iP 06 42 02 c

FEBRUARY 26  
Penticton  
eP 07 01 14

FEBRUARY 26  
Canadian Arctic  
H = 07 20 57.4  
Mag 1.8

Mould Bay  
iP<sub>1</sub> 07 21 10.5  
iS<sub>1</sub> 07 21 20.5  
D = 82 km

FEBRUARY 26  
Penticton  
eP 07 54 31

FEBRUARY 26  
Penticton  
eP 07 59 40

FEBRUARY 26  
70.9°N, 133.0°W  
Beaufort Sea about 150  
miles north of Inuvik,  
N.W.T.  
H = 09 19 57  
Mag 4.4

Not recorded at  
Alert. Hence the  
more southern of two  
possible positions was  
accepted.

Mould Bay  
P<sub>n</sub> 09 21 29  
S<sub>n</sub> 09 22 37  
D = 735 km

Resolute  
P<sub>n</sub> 09 22 42  
S<sub>n</sub> 09 24 40  
D = 1290 km

FEBRUARY 26  
Penticton  
eP 09 44 31

FEBRUARY 26  
Penticton  
eP 10 03 04

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FEBRUARY 26  
Penticton  
eP 10 14 42

FEBRUARY 26  
Penticton  
eP 10 20 57

FEBRUARY 26  
Penticton  
eP 10 31 03

FEBRUARY 26  
Penticton  
eP 10 36 53

FEBRUARY 26  
Penticton  
iP 11 20 01

FEBRUARY 26  
Penticton  
eP 11 39 55

FEBRUARY 26  
Penticton  
eP 11 51 57

FEBRUARY 26  
Penticton  
iP 12 07 08

FEBRUARY 26  
Alert  
P 12 47 13

Resolute  
eP 12 47 11

FEBRUARY 26  
Penticton  
eP 12 50 23

FEBRUARY 26  
Victoria  
eP 13 31 10

FEBRUARY 26  
Penticton  
iP 14 13 07

FEBRUARY 26  
Penticton  
iP 14 30 24

FEBRUARY 26  
U.S.C.G.S.  
44.7N, 146.6E  
Kurile Islands  
H = 15 55 33.7  
h = 25 km

Mould Bay  
P 16 04 08

Resolute  
eP 16 04 58

FEBRUARY 26  
Penticton  
eP 18 24 59

FEBRUARY 26  
Penticton  
eP 23 19 28

FEBRUARY 27  
U.S.C.G.S.  
6.0S, 76.9W

Northern Peru  
H = 00 04 43.9  
h = 65 km

Alberni  
eP<sub>1</sub> 00 15 45

Banff  
eP 00 15 25

Penticton  
iP 00 15 30 d

Seven Falls  
eP 00 14 00 d

Shawinigan Falls  
eP 00 13 54

Victoria  
eP 00 15 39

FEBRUARY 27  
Resolute  
eP 01 16 57

FEBRUARY 27  
U.S.C.G.S.  
7.1S, 155.2E

Solomon Islands  
H = 01 39 03.6  
h = 25 km

Mould Bay  
P 01 52 29

FEBRUARY 27  
Penticton  
iP 05 13 51 c

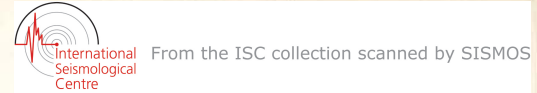
FEBRUARY 27  
Penticton  
eP 05 24 56

FEBRUARY 27  
Penticton  
eP 05 39 55

FEBRUARY 27  
U.S.C.G.S.  
36.6N, 71.4E

Hindu Kush  
H = 05 40 53.0  
h = 100 km

Mould Bay  
P 05 51 39





DOMINION OBSERVATORIES

FEBRUARY 27  
 U.S.C.G.S.  
 63.0N, 150.0W  
 Central Alaska  
 H = 05 52 28.5  
 h = 100 km  
 Alert  
 iP 05 58 10 c  
 Halifax  
 iP 06 01 13 c  
 Mould Bay  
 P 05 56 16  
 e 05 59 22  
 Penticton  
 iP 05 57 10  
 Resolute  
 eP 05 57 15 (d)  
 Seven Falls  
 eP 06 00 34  
 Shawinigan Falls  
 eP 06 00 31  
 Victoria  
 eP 05 57 01 d  
 e 05 57 34.9 d

FEBRUARY 27  
 U.S.C.G.S.  
 27.7N, 101.9E  
 China  
 H = 06 34 55.4  
 h = 40 km  
 Alert  
 P 06 46 04  
 Mould Bay  
 iP 06 46 25 d  
 Penticton  
 eP 06 48 10  
 Resolute  
 eP 06 46 10

FEBRUARY 27  
 Penticton  
 eP 07 16 12

FEBRUARY 27  
 Penticton  
 iP 07 33 49

FEBRUARY 27  
 Penticton  
 iP 08 00 19 c  
 FEBRUARY 27  
 Mould Bay  
 P 08 53 19  
 Penticton  
 eP 08 54 49  
 Resolute  
 eP 08 52 42

FEBRUARY 27  
 Penticton  
 eP 09 27 33

FEBRUARY 27  
 U.S.C.G.S.  
 35.7N, 70.5E  
 Pakistan-Afghanistan  
 border  
 H = 09 20 36.0  
 h = 122 km  
 Penticton  
 iP 09 34 10

FEBRUARY 27  
 U.S.C.G.S.  
 37.4S, 73.2W  
 Near coast of Chile  
 H = 12 40 48.9  
 h = 40 km  
 Mag 6 1/4  
 Alberni  
 eP 12 54 32  
 Alert  
 P' 12 59 31  
 Banff  
 eP 12 54 16  
 Halifax  
 eP 12 53 06 c  
 Mould Bay  
 iP' 12 59 27 d  
 Penticton  
 eP 12 54 10

Resolute  
 e 13 02 40  
 Seven Falls  
 iP 12 53 15 c  
 Shawinigan Falls  
 eP 12 53 13  
 Victoria  
 eP 12 54 16

FEBRUARY 27  
 Penticton  
 eP 13 33 33

FEBRUARY 27  
 Penticton  
 iP 13 34 27

FEBRUARY 27  
 Penticton  
 eP 13 47 48

FEBRUARY 27  
 Penticton  
 iP 13 53 09 c

FEBRUARY 27  
 Penticton  
 eP 13 54 37

FEBRUARY 27  
 U.S.C.G.S.  
 19.2S, 69.4W  
 Northern Chile  
 H = 14 03 27.3  
 h = 140 km  
 Penticton  
 iP 14 15 31  
 Seven Falls  
 eP 14 14 00

SEISMOLOGICAL BULLETIN - 1962

FEBRUARY 27  
 U.S.C.G.S.  
 2.7S, 131.1E  
 Ceram Sea  
 H = 14 21 24.5  
 h = 40 km  
 Mould Bay  
 P 14 34 56  
 Seven Falls  
 eP' 14 40 34

FEBRUARY 27  
 Penticton  
 eP 17 22 17

FEBRUARY 27  
 Penticton  
 eP 17 27 54

FEBRUARY 27  
 Penticton  
 eP 17 51 25

FEBRUARY 27  
 Penticton  
 eP 18 34 40

FEBRUARY 27  
 H = 19 12 05  
 Mag 1.8  
 Penticton  
 iP<sub>1</sub> 19 12 33.4  
 iS<sub>1</sub> 19 12 55.0  
 D = 176 km

FEBRUARY 27  
 Penticton  
 eP 20 10 29

FEBRUARY 27  
 Penticton  
 eP 21 25 55

FEBRUARY 28  
 U.S.C.G.S.  
 31.4N, 139.2E  
 South of Honshu  
 Japan  
 H = 07 19 44.5  
 h = 62 km  
 Alert  
 iP 07 30 26 d  
 Mould Bay  
 iP 07 30 03 d  
 Penticton  
 iP 07 31 14 d  
 Resolute  
 eP 07 30 (42) d

FEBRUARY 28  
 H = 11 33 32.2  
 Mag 1.6  
 Penticton  
 P<sub>1</sub> 11 34 00.7  
 S<sub>1</sub> 11 34 22.5  
 D = 178 km

FEBRUARY 28  
 Penticton  
 iP 13 05 43 c

FEBRUARY 28  
 U.S.C.G.S.  
 9.0S, 75.2W  
 Peru  
 H = 13 44 55.8  
 h = 180 km  
 Mould Bay  
 iP 13 57 34 c  
 Penticton  
 iP 13 55 50 d  
 Shawinigan Falls  
 eP 13 54 14 c

FEBRUARY 28  
 U.S.C.G.S.  
 51.6N, 179.6W  
 Andreanof Islands  
 H = 18 04 09.0  
 h = 60 km  
 Penticton  
 iP 18 11 16 d

FEBRUARY 28  
 U.S.C.G.S.  
 19.3S, 69.6W  
 Northern Chile  
 H = 18 32 14.4  
 h = 110 km  
 Penticton  
 iP 18 44 20 c  
 Seven Falls  
 eP 18 42 48

FEBRUARY 28  
 Penticton  
 eP 19 03 14

FEBRUARY 28  
 U.S.C.G.S.  
 19.4N, 69.3W  
 Near coast of  
 Dominican Republic  
 H = 20 34 24.9  
 h = 60 km  
 Alert  
 P 20 44 49

Halifax  
 eP 20 39 54.5  
 T 20 44 48  
 Mould Bay  
 P 20 44 42  
 Penticton  
 iP 20 43 14 d  
 Resolute  
 eP 20 44 05  
 Seven Falls  
 eP 20 40 04  
 T 20 45 57



DOMINION OBSERVATORIES

FEBRUARY 28  
 H = 23 40 09  
 Mag 1.9  
 Penticton  
 P<sub>1</sub> 23 40 40.3  
 S<sub>1</sub> 23 41 04.7

MARCH 1  
 U.S.C.G.S.  
 15.7S, 74.4W  
 Peru  
 H = 02 12 37.2  
 h = 62 km  
 Alberni  
 eP 02 24 39  
 Halifax  
 eP 02 22 45 c  
 London, Ont.  
 P 02 22 28  
 Mould Bay  
 P 02 25 57  
 Penticton  
 iP 02 24 20 c  
 Resolute  
 eP 02 25 34  
 Seven Falls  
 eP 02 22 56 c  
 Shawinigan Falls  
 iP 02 22 53 c

MARCH 1  
 U.S.C.G.S.  
 25.7N, 124.8E  
 Ryukyu Islands  
 H = 04 51 57.2  
 h = 52 km  
 Alberni  
 eP 05 04 21  
 Alert  
 eP 05 00 55 No!  
 Banff  
 iP 05 04 40 d  
 Mould Bay  
 P 05 02 50  
 i 05 03 13  
 Penticton  
 iP 05 04 35 d

Resolute  
 eP 05 03 44 d  
 i 05 06 29  
 Victoria  
 eP 05 04 27 d

MARCH 1  
 Penticton  
 eP 05 11 07

MARCH 1  
 Penticton  
 eP 06 43 03

MARCH 1  
 Penticton  
 eP 07 11 30

MARCH 1  
 U.S.C.G.S.  
 51.1N, 179.1W  
 Andreanof Islands  
 H = 07 20 11.4  
 h = 25 km  
 Penticton  
 iP 07 27 23 d

MARCH 1  
 U.S.C.G.S.  
 49.4N, 155.3E  
 Kurile Islands  
 H = 12 21 16.6  
 h = 86 km  
 Alert  
 P 12 29 39  
 Penticton  
 iP 12 30 21 d  
 Resolute  
 eP 12 29 47

MARCH 1  
 U.S.C.G.S.  
 43.0N, 146.2E  
 Near coast of  
 Hokkaido, Japan  
 H = 18 35 12.9  
 h = 48 km  
 Alberni  
 eP 18 45 10  
 Alert  
 P 18 44 35  
 Banff  
 eP 18 45 36  
 Mould Bay  
 P 18 44 04  
 Penticton  
 iP 18 45 30 d  
 Resolute  
 eP 18 44 49

MARCH 1  
 Resolute  
 eP 19 17 29

MARCH 1  
 Penticton  
 eP 21 45 26

MARCH 1  
 U.S.C.G.S.  
 37.3N, 4.9W  
 Near coast of Spain  
 H = 22 20 03.5  
 h = 25 km  
 Seven Falls  
 iP 22 28 50 c

MARCH 1  
 H = 22 33 02  
 Mag 1.8  
 Penticton  
 eP<sub>1</sub> 22 33 28.4  
 eS<sub>1</sub> 22 33 48.6  
 D = 165 km

SEISMOLOGICAL BULLETIN - 1962

MARCH 1  
 U.S.C.G.S.  
 14.0S, 172.5E  
 Samoa Islands  
 H = 23 41 14.5  
 h = 73 km  
 Mag 6  
 Alberni  
 eP 23 53 39  
 Banff  
 iP 23 54 08 d  
 Penticton  
 iP 23 53 54 d  
 Victoria  
 eP 23 53 41

MARCH 2  
 H = 02 01 32.9  
 Mag 1.8  
 Alberni  
 iP<sub>1</sub> 02 01 40.9  
 eS<sub>1</sub> 02 01 47.0  
 D = 50 km

MARCH 2  
 U.S.C.G.S.  
 51.7N, 173.5W  
 Andreanof Islands  
 H = 02 15 05.9  
 h = 25 km  
 Mould Bay  
 P 02 21 34  
 Penticton  
 eP 02 21 48  
 Seven Falls  
 iP 02 25 21 d  
 Shawinigan Falls  
 eP 02 25 19

MARCH 2  
 Canadian Arctic  
 H = 03 36 03.5  
 Mag 2.4  
 Resolute  
 iP<sub>1</sub> 03 36 39  
 iS<sub>1</sub> 03 37 06  
 D = 221 km

MARCH 2  
 Penticton  
 eP 03 47 13

MARCH 2  
 U.S.C.G.S.  
 51.4N, 178.1W  
 Andreanof Islands  
 H = 08 57 19.1  
 h = 34 km  
 Mould Bay  
 P 09 04 00  
 Penticton  
 iP 09 04 27 d

MARCH 2  
 U.S.C.G.S.  
 5.4N, 126.5E  
 Off coast of Mindanao  
 Philippine Islands  
 H = 13 02 59.0  
 h = 30 km  
 Alert  
 eP 13 16 04  
 London, Ont.  
 P' 13 22 10  
 Mould Bay  
 P 13 16 01  
 Penticton  
 iP 13 16 50  
 Resolute  
 eP 13 16 28  
 Seven Falls  
 eP' 13 22 01  
 Shawinigan Falls  
 iP' 13 22 02 c

MARCH 2  
 Penticton  
 eP 17 31 39

MARCH 2  
 Mould Bay  
 P 18 40 17

MARCH 2  
 Canadian Arctic  
 H = 18 40 50.5  
 Mag 2.0  
 Resolute  
 iP<sub>1</sub> 18 41 26  
 iS<sub>1</sub> 18 41 53  
 D = 221 km

MARCH 2  
 Resolute  
 eP 19 23 16 c

MARCH 2  
 H = 23 54 25  
 Mag 1.7  
 Penticton  
 P<sub>1</sub> 23 54 50.8  
 S<sub>1</sub> 23 55 10.6  
 D = 162 km

MARCH 3  
 Penticton  
 eP 00 25 07

MARCH 3  
 H = 00 31 06  
 Mag 2.2  
 Alberni  
 iP<sub>1</sub> 00 31 18.3  
 iS<sub>1</sub> 00 31 27.8  
 D = 80 km  
 Victoria  
 eP<sub>1</sub> 00 31 33.5  
 eS<sub>1</sub> 00 31 45.5  
 D = 98 km

MARCH 3  
 U.S.C.G.S.  
 28.2N, 100.8E  
 China  
 H = 00 54 20.9  
 h = 25 km



DOMINION OBSERVATORIES

Mould Bay  
P 01 05 51  
Resolute  
eP 01 06 15

MARCH 3  
Victoria  
eP 01 40 10 d

MARCH 3  
H = 02 18 40.9  
Mag 1.6  
Alberni  
eP<sub>1</sub> 02 18 49.0  
eS<sub>1</sub> 02 18 55.2  
D = 50 km

MARCH 3  
Mould Bay  
P 06 28 32

MARCH 3  
Penticton  
eP 08 06 07

MARCH 3  
Penticton  
iP 09 06 01 c

MARCH 3  
U.S.C.G.S.  
55.2N, 162.5E  
Near coast of Kamchatka  
H = 10 40 14.8  
h = 28 km  
Alert  
P 10 47 58  
Mould Bay  
P 10 47 05  
Penticton  
eP 10 48 39  
Resolute  
eP 10 47 58

MARCH 3  
U.S.C.G.S.  
7.4N, 126.5E  
Near coast of  
Mindanao,  
Philippine Islands  
H = 12 14 52.1  
h = 90 km  
Alberni  
eP 12 28 17  
Alert  
P 12 27 47  
Banff  
eP 12 27 59  
London, Ont.  
P' 12 33 49  
Mould Bay  
iP 12 27 39 c  
Penticton  
iP 12 28 29  
Resolute  
eP 12 28 05 c  
Seven Falls  
eP' 12 33 43  
Shawinigan Falls  
eP' 12 33 44  
Victoria  
eP 12 28 22

MARCH 3  
U.S.C.G.S.  
16.1S, 174.2W  
Tonga Islands  
H = 16 13 56.9  
h = 129 km  
Penticton  
iP 16 26 02 d

MARCH 4  
U.S.C.G.S.  
10.6S, 75.8W  
Peru  
H = 00 41 39.1  
h = 20 km  
Mould Bay  
P 00 54 43  
Shawinigan Falls  
eP 00 51 27

MARCH 4  
Penticton  
eP 06 51 17

MARCH 4  
Penticton  
eP 06 56 46

MARCH 4  
Alberni  
eP 11 42 44  
Banff  
eP 11 44 07  
Penticton  
iP 11 43 20 d  
Victoria  
eP 11 42 46 c

MARCH 4  
U.S.C.G.S.  
67.6N, 171.4W  
Near coast of  
Chukotsky Peninsula  
H = 11 40 24.5  
h = 15 km  
Alert  
P 11 46 00  
London, Ont.  
P 11 49 28  
Mould Bay  
P 11 44 32  
Resolute  
eP 11 45 41 d  
Seven Falls  
iP 11 49 28  
Shawinigan Falls  
iP 11 49 28 c

MARCH 4  
Mould Bay  
P 11 47 36  
Penticton  
iP 11 46 47 d

MARCH 4  
Penticton  
eP 11 53 14

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MARCH 4  
U.S.C.G.S.  
27.1N, 129.5E  
Ryukyu Islands  
H = 12 49 55.6  
h = 25 km  
Mould Bay  
P 13 00 57  
Resolute  
eP 13 01 (34)  
i 13 01 39

MARCH 4  
Mould Bay  
P 18 49 40

MARCH 4  
Dominion Observatory  
Northeast coast of  
Greenland  
H = 19 31 58  
Mag 4.2  
Alert  
P<sub>n</sub> 19 33 50  
S<sub>n</sub> 19 35 11  
L<sub>g</sub> 19 35 54  
D = 875 km  
Mould Bay  
Not recorded  
Resolute  
P<sub>n</sub> 19 35 45  
S<sub>n</sub> 19 38 30  
D = 1820 km

MARCH 4  
H = 22 58 33  
Mag 3.2  
Banff  
iP<sub>1</sub> 22 58 59.8  
iS<sub>1</sub> 22 59 22.0  
D = 181 km  
Penticton  
iP<sub>1</sub> 22 59 13.5  
iS<sub>1</sub> 22 59 47.2  
D = 276 km

MARCH 4  
Canadian Arctic  
H = 23 03 25.9  
Mag 1.7  
Resolute  
iP<sub>1</sub> 23 03 35.5  
iS<sub>1</sub> 23 03 42.8  
D = 60 km

MARCH 5  
Shawinigan Falls  
eP 01 00 36

MARCH 5  
U.S.C.G.S.  
16.0N, 104.9W  
Mexico  
H = 01 50 50.6  
h = 25 km  
London, Ont.  
P 01 57 32  
Mould Bay  
P 02 01 01  
Penticton  
eP 01 57 45  
Resolute  
eP? 02 00 (48)  
e 02 22 06

MARCH 5  
U.S.C.G.S.  
4.0S, 103.3E  
Near coast of Sumatra  
H = 03 42 33.3  
h = 78 km  
Penticton  
iP' 04 01 18 d  
Resolute  
eP' 04 00 56 (c)  
Seven Falls  
eP' 04 01 51  
Shawinigan Falls  
eP' 04 01 53

MARCH 5  
Resolute  
eP 07 43 09

MARCH 5  
U.S.C.G.S.  
34.6N, 121.6W  
Off coast of California  
H = 07 44 00.0  
h = 25 km  
Mag 4 1/4  
Mould Bay  
eP 07 51 51 c  
Penticton  
iP 07 47 32 d  
Resolute  
eP 07 51 54 c  
e 08 05 56  
Seven Falls  
eP 07 51 31  
Shawinigan Falls  
eP 07 51 20

MARCH 5  
Penticton  
eP 09 05 02  
Resolute  
eP 09 05 16

MARCH 5  
Penticton  
eP 10 12 11

MARCH 5  
U.S.C.G.S.  
55.9S, 27.9W  
Sandwich Islands  
H = 10 15 22.1  
h = 25 km  
Mould Bay  
P' 10 34 51  
Penticton  
eP' 10 34 28  
Resolute  
eP' 10 34 (43)



DOMINION OBSERVATORIES

MARCH 5  
U.S.C.G.S.  
11.3N, 126.3E  
Philippine Islands  
H = 14 59 54.2  
h = 49 km  
Mould Bay  
P 15 12 25

MARCH 5  
U.S.C.G.S.  
19.1N, 121.1E  
Off coast of Luzon  
Philippine Islands  
H = 16 46 23.9  
h = 14 km  
Mould Bay  
P 16 58 23  
Resolute  
eP 16 58 54

MARCH 5  
U.S.C.G.S.  
40.3N, 125.1W  
Off coast of California  
H = 20 57 52.1  
h = 25 km  
Alberni  
eP 21 00 03  
Banff  
eP 21 00 54  
London, Ont.  
P 21 04 26  
Penticton  
eP 21 00 12  
Resolute  
eP 21 05 03  
e 21 17 30  
Seven Falls  
eP 21 05 20  
Victoria  
iP 20 59 53 d

MARCH 6  
H = 00 29 44.3  
Mag 1.9

Alberni  
iP1 00 29 56.1 c  
iS1 00 30 05.1 d  
D = 74 km

MARCH 6  
Mould Bay  
P 01 46 08  
Penticton  
iP 01 45 45 d  
Resolute  
eP? 01 46 00

MARCH 6  
Canadian Arctic  
H = 03 24 01.4  
Mag 1.1  
Resolute  
iP1 03 24 11.0  
iS1 03 24 18.3  
D = 60 km

MARCH 6  
U.S.C.G.S.  
13.7N, 93.7E  
Andaman Islands  
H = 05 55 42.3  
h = 18 km  
Alert  
iP 06 08 11 c  
London  
iP' 06 14 41 d  
Mould Bay  
P 06 08 35  
Penticton  
e 06 12 59  
Resolute  
eP 06 08 52  
e 06 44 51  
e 06 51 52  
Seven Falls  
eP' 06 14 29  
Shawinigan Falls  
eP' 06 14 32

MARCH 6  
Mould Bay  
P 07 39 32  
Resolute  
eP 07 40 05

MARCH 6  
Penticton  
eP 08 34 30

MARCH 6  
Penticton  
eP 12 26 28

MARCH 6  
Alberni  
eP 12 32 59  
Penticton  
eP 12 32 46

MARCH 6  
U.S.C.G.S.  
41.9N, 127.0W  
Off coast of California  
H = 13 12 58.7  
h = 25 km  
Alberni  
eP 13 14 51  
Banff  
eP 13 15 55  
Mould Bay  
P 13 19 48  
Penticton  
eP 13 15 09  
Resolute  
eP 13 19 59  
e 13 32 13  
Victoria  
eP 13 14 47

MARCH 6  
Penticton  
eP 14 22 46

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MARCH 6  
U.S.C.G.S.  
12.5N, 143.9E  
Mariana Islands  
H = 15 32 33.0  
h = 33 km  
Resolute  
eP 15 45 12 c

MARCH 6  
Resolute  
eP 16 36 03

MARCH 6  
Penticton  
eP 20 33 42

MARCH 6  
H = 23 45 12  
Mag 1.2  
Penticton  
P1 23 45 40.7  
S1 23 46 02.3  
D = 176 km

MARCH 6  
Mould Bay  
P 23 49 54  
Resolute  
eP 23 49 28

MARCH 7  
U.S.C.G.S.  
62.2N, 26.6W  
Southwest of Iceland  
H = 02 07 11.8  
h = 43 km  
Penticton  
eP 02 15 59

MARCH 7  
Mould Bay  
P 05 15 22  
Resolute  
eP 05 15 58 c  
i 05 16 16

MARCH 7  
Shawinigan Falls  
eP 06 06 45

MARCH 7  
Shawinigan Falls  
eP 06 39 35

MARCH 7  
U.S.C.G.S.  
40.2N, 77.2E  
Kirghiz S.S.R.  
H = 08 16 37.7  
h = 25 km  
Mould Bay  
P 08 27 08  
Penticton  
eP 08 29 35

MARCH 7  
U.S.C.G.S.  
19.3N, 145.3E  
Mariana Islands  
H = 11 01 00.4  
h = 680 km  
Mag 7  
Alberni  
eP 11 11 45 d  
Alert  
iP 11 11 57 d  
Banff  
iP 11 12 12 d  
Halifax  
iP' 11 18 24 c  
London  
iP 11 14 03 d  
Mould Bay  
iP 11 11 31 d

Penticton  
iP 11 12 02 d  
Resolute  
iP 11 12 02 d  
Seven Falls  
eP 11 14 09  
iP' 11 18 13  
Shawinigan Falls  
eP 11 14 09  
eP' 11 18 14  
Victoria  
eP 11 11 51 d

MARCH 7  
Mould Bay  
P 11 20 02

MARCH 7  
Penticton  
eP 12 29 30

MARCH 7  
U.S.C.G.S.  
17.2N, 147.1E  
Mariana Islands  
H = 13 58 32.4  
h = 41 km  
Mould Bay  
P 14 10 07  
Resolute  
eP 14 10 41

MARCH 7  
Penticton  
iP 14 27 48

MARCH 7  
U.S.C.G.S.  
51.5N, 160.6E  
Off coast of Kamchatka  
H = 15 15 53.1  
h = 20 km  
Alberni  
eP 15 24 20



DOMINION OBSERVATORIES

Mould Bay  
P 15 23 18  
Penticton  
eP 15 24 23  
Resolute  
eP 15 24 09

MARCH 7  
Resolute  
eP 18 43 34

MARCH 7  
U.S.C.G.S.  
52.4N, 174.5W  
Andreanof Islands  
H = 19 08 46.9  
h = 25 km  
Mould Bay  
P 19 15 11  
Penticton  
eP 19 15 32

MARCH 7  
U.S.C.G.S.  
36.4N, 71.6E  
Hindu Kush  
H = 19 20 01.1  
h = 100 km  
Mould Bay  
P 19 30 48

MARCH 7  
U.S.C.G.S.  
27.1N, 57.1E  
Iran  
H = 21 08 03.4  
h = 25 km  
Mould Bay  
P 21 19 54

MARCH 7  
Penticton  
P 23 57 41

MARCH 8  
Penticton  
eP 01 12 49

MARCH 8  
Mould Bay  
P 01 51 44

MARCH 8  
H = 01 52 50.0  
Mag 1.9  
Alberni  
iP<sub>1</sub> 01 52 58.4 c  
iS<sub>1</sub> 01 53 04.8  
D = 53 km

MARCH 8  
U.S.C.G.S.  
22.3N, 39.1E  
Mozambique Channel  
H = 01 54 40.5  
h = 25 km  
Alberni  
eP<sub>1</sub> 02 14 32  
Banff  
eP<sub>1</sub> 02 15 16  
Penticton  
iP<sub>1</sub> 02 14 27 d  
Victoria  
eP<sub>1</sub> 02 14 32

MARCH 8  
Penticton  
eP 07 07 56

MARCH 8  
U.S.C.G.S.  
17.9N, 146.5E  
Mariana Islands  
H = 08 11 12.9  
h = 131 km  
Mould Bay  
P 08 22 41

Penticton  
eP 08 23 10  
Resolute  
eP 08 23 (16)

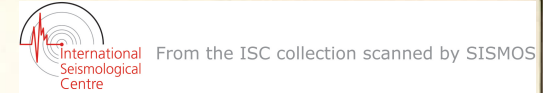
MARCH 8  
U.S.C.G.S.  
35.1S, 179.7W  
Off coast of New Zealand  
H = 10 33 41.9  
h = 25 km  
Mould Bay  
P<sub>1</sub> 10 52 21  
Penticton  
eP 10 47 43  
Resolute  
eP<sub>1</sub> 10 52 (35)  
i 10 52 48

MARCH 8  
U.S.C.G.S.  
46.0N, 152.7E  
Kurile Islands  
H = 10 47 03.9  
h = 48 km  
Alert  
P 10 56 00  
Mould Bay  
P 10 55 21  
Penticton  
iP 10 56 40 d  
Resolute  
eP 10 56 09

MARCH 8  
H = 16 52 45  
Mag 1.1  
Victoria  
eP<sub>1</sub> 16 52 51.0  
eS<sub>1</sub> 16 52 55.4  
D = 36 km

MARCH 8  
London, Ont.  
P 17 12 19

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MARCH 8  
Penticton  
eP 18 37 18

MARCH 8  
H = 19 07 40  
Mag 1.7  
Penticton  
P<sub>1</sub> 19 08 05.1  
S<sub>1</sub> 19 08 24.4  
D = 158 km

MARCH 8  
U.S.C.G.S.  
3.4S, 29.2E  
Republic of the Congo  
H = 21 38 35.4  
h = 25 km  
Penticton  
eP<sub>1</sub> 21 57 40

MARCH 9  
U.S.C.G.S.  
18.4S, 178.7W  
Fiji Islands  
H = 06 57 08.7  
h = 472 km  
Alberni  
eP 07 08 47  
Mould Bay  
P 07 10 11  
Penticton  
iP 07 08 59 d  
Resolute  
eP<sub>1</sub> 07 14 42

MARCH 9  
Canadian Arctic  
H = 13 07 22.5  
Mag 2.2  
Resolute  
iP<sub>1</sub> 13 07 58  
iS<sub>1</sub> 13 08 25  
D = 221 km

MARCH 9  
U.S.C.G.S.  
5.8S, 146.4E  
Near coast of New Guinea  
H = 22 07 35.6  
h = 76 km  
Alberni  
eP 22 20 48

MARCH 9  
U.S.C.G.S.  
24.5S, 179.6W  
Fiji Islands region  
H = 17 30 02  
h = 586 km  
Penticton  
iP 17 42 04

MARCH 9  
Penticton  
iP 18 22 45

MARCH 9  
Southern Vancouver Island  
H = 22 09 43  
Mag 1.7  
Alberni  
iP<sub>1</sub> 22 09 56.8  
iS<sub>1</sub> 22 10 05.6  
D = 72 km  
Victoria  
P<sub>1</sub> 22 09 57.3  
S<sub>1</sub> 22 10 09.1  
D = 97 km

MARCH 9  
H = 22 19 19  
Mag 1.5  
Penticton  
iP<sub>1</sub> 22 19 37.0  
iS<sub>1</sub> 22 19 50.7  
D = 112 km

MARCH 9  
U.S.C.G.S.  
6.5S, 129.4E  
Banda Sea  
H = 00 57 22.3  
h = 202 km  
Seven Falls  
P<sub>1</sub> 01 16 25  
SKP 01 19 46 d

MARCH 9  
U.S.C.G.S.  
22.2N, 159.8W  
H = 22 41 38  
Mag 2.4  
Penticton  
P<sub>1</sub> 22 42 04.1  
S<sub>1</sub> 22 42 24.4  
D = 166 km

MARCH 9  
Mould Bay  
P 22 51 55  
Penticton  
iP 22 52 30 c

MARCH 9  
Penticton  
eP 23 21 05

MARCH 10  
Penticton  
iP 01 02 52 d

MARCH 10  
U.S.C.G.S.  
6.5S, 129.4E  
Banda Sea  
H = 00 57 22.3  
h = 202 km  
Seven Falls  
P<sub>1</sub> 01 16 25  
SKP 01 19 46 d

MARCH 10  
Resolute  
eP 01 32 (22)

Mould Bay  
P 22 20 57  
Penticton  
eP 22 20 51  
Seven Falls  
iP<sub>1</sub> 22 26 35 c  
Shawinigan Falls  
eP<sub>1</sub> 22 26 34 c



DOMINION OBSERVATORIES

MARCH 10  
Mould Bay  
P 03 59 35

MARCH 10  
U.S.C.G.S.  
31.2S, 178.3W  
Kermadec Islands  
H = 04 59 27.5  
h = 69 km  
Alert  
P' 05 18 17  
Penticton  
eP 05 12 45  
Resolute  
eP' 05 18 05  
Seven Falls  
eP' 05 18 14

MARCH 10  
Penticton  
eP 07 17 08

MARCH 10  
Penticton  
eP 08 10 16

MARCH 10  
Mould Bay  
P 08 15 12  
Resolute  
eP 08 15 (16)

MARCH 10  
Penticton  
eP 08 55 50

MARCH 10  
U.S.C.G.S.  
23.2N, 120.6E  
Formosa  
H = 08 44 00.1  
h = 31 km  
Alert  
eP 08 55 40

Mould Bay  
eP 08 55 38 c  
Penticton  
iP 08 57 03 d  
Resolute  
eP 08 56 (10) c

MARCH 10  
U.S.C.G.S.  
24.6N, 120.1E  
Off coast of Formosa  
H = 12 25 45.3  
h = 121 km  
Mould Bay  
P 12 37 07  
Resolute  
eP 12 37 38

MARCH 10  
Victoria  
eP 12 45 40

MARCH 10  
Penticton  
eP 13 00 37

MARCH 10  
Penticton  
eP 14 27 55

MARCH 10  
Penticton  
eP 17 07 48

MARCH 10  
Mould Bay  
P 18 32 58

MARCH 10  
Mould Bay  
P 19 08 06

MARCH 10  
Penticton  
eP 20 15 08

MARCH 10  
Penticton  
eP 20 19 37

MARCH 10  
H = 22 38 00  
Mag 2.0  
Alberni  
eP<sub>1</sub> 22 38 08.7  
eS<sub>1</sub> 22 38 15.6  
D = 56 km

MARCH 10  
Mould Bay  
P 23 04 26  
Resolute  
eP 23 04 38

MARCH 10  
Penticton  
eP 23 29 53

MARCH 11  
U.S.C.G.S.  
14.8N, 91.2W  
Guatemala  
H = 02 26 05.7  
h = 206 km  
Alberni  
eP 02 33 58  
London  
eP 02 31 53  
Mould Bay  
P 02 36 15  
Penticton  
iP 02 33 38  
Resolute  
eP 02 35 52  
Seven Falls  
iP 02 32 53 c

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Shawinigan Falls  
eP 02 32 44  
Victoria  
eP 02 33 37 c

MARCH 11  
Penticton  
eP 06 11 05

MARCH 11  
U.S.C.G.S.  
13.9S, 172.1E  
New Hebrides  
H = 07 18 56.7  
h = 133 km  
Penticton  
eP 07 31 33

MARCH 11  
Resolute  
eP 09 26 01

MARCH 11  
H = 14 46 55  
Mag 1.8  
Alberni  
eP<sub>1</sub> 14 47 06.2  
eS<sub>1</sub> 14 47 14.4  
D = 67 km

MARCH 11  
U.S.C.G.S.  
52.3N, 178.0E  
Rat Islands  
H = 15 23 40.7  
h = 135 km  
Alberni  
eP 15 30 28  
Alert  
iP 15 31 26 d  
Banff  
eP 15 31 04  
Halifax  
iP 15 34 41 d

London, Ont.  
P 15 33 58  
Mould Bay  
P 15 30 13  
Penticton  
iP 15 30 52 c  
Resolute  
eP 15 31 05 c  
Seven Falls  
iP 15 34 08 d  
Shawinigan Falls  
eP 15 34 06  
Victoria  
eP 15 30 38

MARCH 11  
Mould Bay  
P 15 36 19  
Penticton  
iP 15 36 38

MARCH 11  
U.S.C.G.S.  
19.4N, 144.9E  
Mariana Islands region  
H = 16 16 24.1  
h = 428 km  
Mould Bay  
P 16 27 12  
Resolute  
eP 16 27 46

MARCH 11  
Penticton  
iP 18 22 44

MARCH 11  
Penticton  
eP 19 27 34

MARCH 11  
U.S.C.G.S.  
8.7N, 126.3E  
Mindanao,  
Philippine Islands  
H = 19 58 49.6  
h = 171 km  
Alert  
P 20 11 29  
Mould Bay  
P 20 11 22  
Penticton  
eP 20 12 16  
Resolute  
eP 20 11 48  
i 20 14 00

MARCH 11  
U.S.C.G.S.  
9.0N, 126.7E  
Near coast of  
Mindanao,  
Philippine Islands  
H = 19 19 05.6  
h = 25 km  
Alberni  
P<sub>1</sub> 19 32 28  
Alert  
P 19 31 58  
Banff  
eP 19 32 49  
Halifax  
eP' 19 38 18.5  
London  
P' 19 38 00  
Mould Bay  
iP 19 31 51 c  
Penticton  
eP 19 32 43  
Resolute  
eP 19 32 17  
Seven Falls  
eP' 19 37 58  
Shawinigan Falls  
eP' 19 38 00  
Victoria  
eP 19 32 27



DOMINION OBSERVATORIES

MARCH 11  
Mould Bay  
P 20 19 59  
Resolute  
eP 20 20 25

MARCH 11  
Shawinigan Falls  
eP 20 36 40

MARCH 11  
U.S.C.G.S.  
8.7N, 126.2E  
Mindanao P.I.  
H = 21 23 10.5  
h = 157 km  
Mould Bay  
iP 21 35 44 c  
Resolute  
eP 21 36 11

MARCH 11  
Penticton  
eP 23 26 27

MARCH 11  
Mould Bay  
P 23 30 16

MARCH 12  
Resolute  
eP 01 11 07

MARCH 12  
49°43'N, 123°17'W  
Northwest of Squamish,  
B.C.  
H = 01 20 06  
Mag 2.4  
Alberni  
eP<sub>1</sub> 01 20 28.3  
eS<sub>1</sub> 01 20 45.1  
D = 126 km

Penticton  
P<sub>1</sub> 01 20 49.0  
S<sub>1</sub> 01 21 15.0  
D = 279 km  
Victoria  
eP<sub>1</sub> 01 20 30.5  
eS<sub>1</sub> 01 20 48.8  
D = 138 km

MARCH 12  
U.S.C.G.S.  
4.6N, 125.8E  
Celebes Sea  
H = 01 07 38.7  
h = 44 km  
Resolute  
eP 01 21 09

MARCH 12  
Mould Bay  
P 01 22 23  
Resolute  
eP 01 22 50 c

MARCH 12  
Resolute  
eP 02 05 25

MARCH 12  
U.S.C.G.S.  
34.1N, 70.9E  
Hindu Kush  
H = 02 11 09.6  
h = 44 km  
Mould Bay  
P 02 22 16

MARCH 12  
Penticton  
eP 07 46 52

MARCH 12  
Penticton  
iP 07 48 58 c

MARCH 12  
Penticton  
iP 08 51 41 d

MARCH 12  
U.S.C.G.S.  
9.0N, 83.0W  
Costa Rica  
H = 09 41 45.7  
h = 113 km  
Alberni  
eP 09 50 58  
Alert  
P 09 53 12  
Banff  
eP 09 50 32  
Halifax  
eP 09 49 10 d  
London, Ont.  
P 09 48 24  
Mould Bay  
P 09 52 55  
Penticton  
iP 09 50 36  
Resolute  
eP 09 52 23 (d)  
Seven Falls  
iP 09 49 09 d  
Shawinigan Falls  
eP 09 49 01  
Victoria  
eP 09 50 48

MARCH 12  
Penticton  
iP 09 59 35 c

MARCH 12  
U.S.C.G.S.  
8.1N, 83.0W  
Near coast of Panama  
and Costa Rica  
H = 11 40 12.8  
h = 58 km

SEISMOLOGICAL BULLETIN - 1962

Alberni  
eP 11 49 38  
Alert  
P 11 51 51  
Banff  
eP 11 49 11  
Halifax  
eP 11 47 49.5  
London, Ont.  
iP 11 47 03 d  
Mould Bay  
P 11 51 27  
Penticton  
iP 11 49 15 d  
Resolute  
eP 11 51 01  
Seven Falls  
iP 11 47 (50) d  
Shawinigan Falls  
eP 11 47 40  
Victoria  
eP 11 49 25

MARCH 12  
Victoria  
eP 12 04 21 c

MARCH 12  
Alberni  
eP 12 19 13 c  
Mould Bay  
P 12 17 59  
Penticton  
iP 12 19 32 c  
Resolute  
eP? 12 18 47  
i 12 19 38

MARCH 12  
U.S.C.G.S.  
22.7S, 68.3W  
Chile-Bolivia border  
H = 13 23 40.8  
h = 158 km

Penticton  
eP 13 36 00  
Seven Falls  
eP 13 34 40 d  
Shawinigan Falls  
eP 13 34 33

MARCH 12  
Penticton  
iP 13 41 18 d

MARCH 12  
U.S.C.G.S.  
8.3N, 83.1W  
Near coast of Panama  
H = 13 42 33.4  
h = 24 km  
Mould Bay  
P 13 53 50  
Penticton  
eP 13 51 35  
Resolute  
eP 13 53 (21)  
Shawinigan Falls  
eP 13 50 00

MARCH 12  
Penticton  
eP 15 00 39

MARCH 12  
Resolute  
eP 15 11 51

MARCH 12  
Penticton  
eP 15 43 12

MARCH 12  
Penticton  
eP 16 43 34

MARCH 12  
U.S.C.G.S.  
2.9S, 80.2W  
Ecuador  
H = 16 57 46.8  
h = 25 km  
Mould Bay  
P 17 10 07

MARCH 12  
Victoria  
eP 17 50 33

MARCH 12  
U.S.C.G.S.  
10.6S, 161.4E  
Solomon Islands region  
H = 19 29 25.8  
h = 138 km  
Penticton  
eP 19 42 18

MARCH 12  
Penticton  
P 21 13 20

MARCH 12  
Penticton  
iP 22 48 55

MARCH 13  
Penticton  
eP 00 07 42

MARCH 13  
Penticton  
eP 01 15 23

MARCH 13  
Penticton  
eP 02 10 20  
Mould Bay  
P 02 12 18



DOMINION OBSERVATORIES

MARCH 13  
Penticton  
iP 03 05 23 d

MARCH 13  
Penticton  
eP 11 00 32

MARCH 13  
Penticton  
iP 04 47 59 c

MARCH 13  
U. S. C. G. S.  
37.3N, 138.3E  
Honshu Japan  
H = 06 07 47.4  
h = 42 km  
Mould Bay  
P 06 17 31  
Penticton  
eP 06 18 55  
Resolute  
eP 06 18 11

MARCH 13  
U. S. C. G. S.  
2.9N, 128.8E  
Molucca Passage  
H = 11 29 48.6  
h = 152 km  
Resolute  
eP 11 43 12 d

MARCH 13  
Penticton  
iP 14 11 29

MARCH 13  
Penticton  
eP 15 21 37

MARCH 13  
Penticton  
eP 09 30 26

MARCH 13  
Mould Bay  
P 09 33 58

MARCH 13  
Penticton  
eP 10 44 27

MARCH 13  
Penticton  
eP 11 00 32

MARCH 13  
Penticton  
iP 11 39 33

MARCH 13  
U. S. C. G. S.  
2.9N, 128.8E  
Molucca Passage  
H = 11 29 48.6  
h = 152 km  
Resolute  
eP 11 43 12 d

MARCH 13  
Penticton  
eP 13 14 49

MARCH 13  
Penticton  
iP 14 11 29

MARCH 13  
Penticton  
eP 15 21 37

MARCH 13  
Penticton  
eP 15 28 57

MARCH 13  
Mould Bay  
P 15 56 36

MARCH 13  
Penticton  
P 17 34 41.8  
Victoria  
P 17 34 43.8

MARCH 13  
Resolute  
eP 18 43 16

MARCH 13  
Penticton  
eP 19 58 57

MARCH 13  
Mould Bay  
P 20 23 33

MARCH 13  
Penticton  
eP 20 55 56

MARCH 13  
Mould Bay  
P 21 58 01  
Resolute  
eP 21 58 29 c

MARCH 13  
H = 23 51 00  
Mag 1.9  
Penticton  
P<sub>1</sub> 23 51 26.5  
S<sub>1</sub> 23 51 46.2  
D = 162 km

MARCH 14  
H = 01 49 10  
Mag 2.0  
Alberni  
P<sub>1</sub> 01 49 18.7  
S<sub>1</sub> 01 49 25.2  
D = 53 km  
Victoria  
eP<sub>1</sub> 01 49 35.9  
eS<sub>1</sub> 01 49 55.7  
D = 171 km

SEISMOLOGICAL BULLETIN - 1962

MARCH 14  
Mould Bay  
P 03 15 36  
Penticton  
eP 03 13 23  
Resolute  
eP? 03 15 10  
i 03 15 18

MARCH 14  
Penticton  
eP 06 12 48

MARCH 14  
Penticton  
eP 06 18 05

MARCH 14  
Mould Bay  
P 08 14 31  
Resolute  
eP 08 15 09

MARCH 14  
U. S. C. G. S.  
8.8N, 126.8E  
Mindanao,  
Philippine Islands  
H = 08 27 22.4  
h = 28 km  
Alert  
P 08 40 18  
Mould Bay  
iP 08 40 10 c  
Resolute  
eP 08 40 37

MARCH 14  
Penticton  
eP 09 19 34

MARCH 14  
Mould Bay  
P 10 54 23

MARCH 14  
Penticton  
eP 11 51 04

MARCH 14  
Penticton  
eP 12 14 07

MARCH 14  
Mould Bay  
P 12 36 52  
e 12 37 31  
Penticton  
iP 12 35 11 c  
Resolute  
eP 12 36 30  
Seven Falls  
eP 12 33 34  
Shawinigan Falls  
eP 12 33 30

MARCH 14  
Penticton  
eP 17 49 18

MARCH 14  
Penticton  
eP 18 39 29  
Resolute  
eP 18 39 21

MARCH 14  
Penticton  
eP 20 01 37

MARCH 14  
Penticton  
iP 20 29 17 d  
Resolute  
eP 20 31 (03)

MARCH 15  
Alberni  
eP 00 40 24  
Alert  
P 00 42 28  
Mould Bay  
P 00 40 57  
Penticton  
iP 00 40 56 c  
Resolute  
eP 00 41 46  
Victoria  
eP 00 40 34

MARCH 15  
Mould Bay  
P 01 08 38  
Resolute  
eP 01 09 27

MARCH 15  
U. S. C. G. S.  
45.7N, 151.3E  
Kurile Islands region  
H = 01 51 19.4  
h = 43 km  
Alberni  
eP 02 00 42  
Alert  
P 02 00 20  
Mould Bay  
P 01 59 42  
Penticton  
iP 02 01 04 c  
Resolute  
eP 02 00 29

MARCH 15  
Alberni  
eP 04 42 01  
Alert  
P 04 44 04  
Mould Bay  
P 04 42 34  
Penticton  
iP 04 42 33 c



DOMINION OBSERVATORIES

Resolute eP 04 43 23  
 Victoria eP 04 42 10

MARCH 15  
 Alberni eP 05 30 31  
 Penticton iP 05 29 56.7  
 Victoria eP 05 30 03.4

MARCH 15  
 Penticton eP 06 51 45

MARCH 15  
 Mould Bay P 09 08 10  
 Penticton iP 09 08 41 c

MARCH 15  
 U. S. C. G. S. 20.6S, 178.8W  
 Fiji Islands region  
 H = 13 07 06.9  
 h = 623 km  
 Penticton iP 13 18 53 d

MARCH 15  
 Penticton eP 19 43 49

MARCH 15  
 U. S. C. G. S. 7.1S, 106.1E  
 Near coast of Java  
 H = 21 13 04.1  
 h = 83 km  
 London, Ont. e 21 28 28  
 P' 21 32 31

MARCH 15  
 Mould Bay iP 22 54 00 c  
 Penticton iP 22 54 40 c  
 Resolute eP 22 54 53 c  
 Seven Falls eP 22 57 56

MARCH 16  
 Mould Bay P 00 59 29

MARCH 16  
 Penticton eP 03 11 53

MARCH 16  
 H = 04 48 53.2  
 Mag 1.7  
 Victoria eP<sub>1</sub> 04 49 07.8  
 iS<sub>1</sub> 04 49 18.9  
 D = 01 km

MARCH 16  
 Mould Bay P 05 21 51  
 Penticton iP 05 22 28  
 Resolute eP 05 22 52

MARCH 16  
 Penticton eP 06 16 53

MARCH 16  
 U. S. C. G. S. 10.8S, 165.7E  
 Santa Cruz Islands region  
 H = 19 42 39.2  
 h = 25 km  
 Alberni eP 19 55 14  
 Banff eP 19 55 44  
 Mould Bay P 19 56 09  
 Penticton eP 19 55 30 c

MARCH 15  
 Mould Bay iP 09 53 17 c  
 Penticton iP 09 54 38 d  
 Resolute eP 09 53 51 c

MARCH 16  
 Penticton eP 14 24 11

MARCH 16  
 Resolute eP 16 59 47

MARCH 16  
 Penticton eP 18 06 53

MARCH 16  
 Mould Bay P 19 46 51  
 Penticton eP 19 46 26

MARCH 16  
 Penticton eP 19 49 55

MARCH 16  
 U. S. C. G. S. 10.6N, 159.2E  
 Kurile Islands region  
 H = 17 58 38.6  
 h = 25 km  
 Alert iP 18 06 51 c  
 Mould Bay P 18 06 03  
 Penticton eP 18 07 27  
 Resolute eP 18 06 55  
 i 18 08 35  
 Seven Falls eP 18 10 07  
 Shawinigan Falls eP 18 10 06

MARCH 17  
 U. S. C. G. S. 9.8N, 122.5E  
 Near coast of Negros Island, Philippine Islands  
 H = 18 56 39.3  
 h = 25 km  
 Mould Bay P 19 09 24  
 Resolute eP 19 09 51 c

MARCH 17  
 Penticton eP 19 47 39

MARCH 17  
 U. S. C. G. S. 10.6N, 43.7W  
 North Atlantic Ocean  
 H = 20 47 31.7  
 h = 25 km  
 Alberni eP 20 59 21 ✓  
 Alert P 20 58 58 ✓

MARCH 18  
 U. S. C. G. S. 27.7S, 177.3W  
 Kermadec Islands region  
 H = 01 26 51.0  
 h = 89 km  
 Penticton eP 01 39 55

SEISMOLOGICAL BULLETIN - 1962

Resolute eP? 19 56 (35)  
 Seven Falls eP' 20 01 29  
 Shawinigan Falls eP' 20 01 27  
 Victoria eP 19 55 18

MARCH 16  
 Penticton P 21 21 50

MARCH 16  
 H = 23 59 28  
 Mag 2.1  
 Penticton P<sub>1</sub> 23 59 52.1  
 S<sub>1</sub> 24 00 10.3  
 D = 149 km

MARCH 17  
 Mould Bay P 03 08 17  
 Resolute eP 03 09 (17)

MARCH 17  
 Resolute eP 04 37 10

MARCH 17  
 Penticton eP 11 04 03

MARCH 17  
 Mould Bay P 11 38 07

MARCH 17  
 U. S. C. G. S. 51.4N, 159.2E  
 Kurile Islands region  
 H = 17 58 38.6  
 h = 25 km  
 Alert iP 18 06 51 c  
 Mould Bay P 18 06 03  
 Penticton eP 18 07 27  
 Resolute eP 18 06 55  
 i 18 08 35  
 Seven Falls eP 18 10 07  
 Shawinigan Falls eP 18 10 06

MARCH 17  
 U. S. C. G. S. 9.8N, 122.5E  
 Near coast of Negros Island, Philippine Islands  
 H = 18 56 39.3  
 h = 25 km  
 Mould Bay P 19 09 24  
 Resolute eP 19 09 51 c

MARCH 17  
 Penticton eP 19 47 39

MARCH 17  
 U. S. C. G. S. 10.6N, 43.7W  
 North Atlantic Ocean  
 H = 20 47 31.7  
 h = 25 km  
 Alberni eP 20 59 21 ✓  
 Alert P 20 58 58 ✓

MARCH 18  
 U. S. C. G. S. 36.0S, 176.9W  
 Off coast of New Zealand  
 H = 00 40 09.8  
 h = 25 km  
 Resolute eP' 00 59 07

MARCH 18  
 U. S. C. G. S. 27.7S, 177.3W  
 Kermadec Islands region  
 H = 01 26 51.0  
 h = 89 km  
 Penticton eP 01 39 55

MARCH 18  
 Mould Bay P 00 18 09

MARCH 18  
 Penticton eP 00 31 54  
 Resolute iP 00 30 54 c

MARCH 18  
 Halifax eP 20 54 51 ✓  
 London, Ont P 20 55 55 ✓  
 Mould Bay P 20 59 17 ✓  
 Penticton iP 20 58 58 ✓  
 Resolute eP 20 58 40 ✓  
 Seven Falls eP 20 55 29 ✓  
 Shawinigan Falls eP 20 55 33 ✓  
 Victoria eP 20 59 16 ✓



DOMINION OBSERVATORIES

MARCH 18  
Penticton  
eP 02 58 29

MARCH 18  
U.S.C.G.S.  
16.5S, 168.2E  
New Hebrides region  
H = 03 06 39.4  
h = 14 km  
Penticton  
eP 03 19 26  
Shawinigan Falls  
eP' 03 25 15

MARCH 18  
U.S.C.G.S.  
9.1N, 126.4E  
Mindanao,  
Philippine Islands  
H = 14 54 59.3  
h = 44 km  
Mould Bay  
P 15 07 42  
Resolute  
eP 15 08 12

MARCH 18  
48.2°N, 123.0°W  
South Puget Sound  
U.S.A.  
H = 04 09 42  
Mag 2.1  
Penticton  
P<sub>1</sub> 04 10 31.3  
S<sub>1</sub> 04 11 05.8  
D = 347 km  
Victoria  
P<sub>1</sub> 04 10 06.8  
S<sub>1</sub> 04 10 25.4  
D = 153 km

MARCH 18  
U.S.C.G.S.  
40.6N, 142.4E  
Off coast of Honshu,  
Japan  
H = 05 28 21.3  
Alert  
iP 05 38 05 c  
Mould Bay  
iP 05 37 41 c  
Penticton  
iP 05 39 02 c  
Resolute  
eP 05 38 22 c

MARCH 18  
Victoria  
iP 06 07 24 c

MARCH 18  
U.S.C.G.S.  
23.7N, 114.5E  
China  
H = 20 18 54.3  
h = 43 km  
Alert  
P 20 30 29  
Mould Bay  
P 20 30 34  
Penticton  
eP 20 32 07  
Resolute  
eP 20 31 03

MARCH 18  
U.S.C.G.S.  
17.22 42.3  
iS<sub>1</sub> 17 22 45.2  
D = 24 km  
Victoria  
ePew 17 22 54.0  
iSew 17 22 56.8 d  
D = 97 km

MARCH 18  
U.S.C.G.S.  
40.6N, 19.6E  
Albania  
H = 15 30 31.6  
h = 25 km  
Alberni  
eP 15 43 08  
Alert  
iP 15 39 16 c  
Banff  
iP 15 42 44 c  
Halifax  
iP 15 40 29  
London, Ont.  
P 15 41 45  
Mould Bay  
iP 15 40 41 c  
Penticton  
iP 15 43 00  
Resolute  
eP 15 40 19 c  
Seven Falls  
iP 15 40 52 c  
Victoria  
eP 15 43 10 c

MARCH 18  
Victoria  
eP 15 53 42 c

MARCH 18  
Southern Vancouver  
Island  
H = 17 22 38.5  
Mag 1.7  
Alberni  
eP<sub>1</sub> 17 22 42.3  
iS<sub>1</sub> 17 22 45.2  
D = 24 km  
Victoria  
ePew 17 22 54.0  
iSew 17 22 56.8 d  
D = 97 km

MARCH 18  
U.S.C.G.S.  
23.7N, 114.5E  
China  
H = 20 18 54.3  
h = 43 km  
Alert  
P 20 30 29  
Mould Bay  
P 20 30 34  
Penticton  
eP 20 32 07  
Resolute  
eP 20 31 03

MARCH 18  
H = 21 47 13  
Mag 1.0  
Victoria  
iP<sub>1</sub> 21 47 17.5  
eS<sub>1</sub> 21 47 21.0  
D = 28 km

MARCH 19  
Penticton  
eP 02 45 38

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MARCH 19  
U.S.C.G.S.  
57.3S, 147.2E  
South of Tasmania  
H = 04 49 31.7  
h = 25 km  
Mould Bay  
P' 05 09 06  
Resolute  
eP' 05 09 16  
i 05 09 26

MARCH 19  
U.S.C.G.S.  
2.3S, 77.1W  
Ecuador  
H = 14 00 08.9  
h = 119 km  
Alert  
P 14 12 35  
Mould Bay  
P 14 12 20  
Penticton  
eP 14 10 28

MARCH 19  
U.S.C.G.S.  
0.3N, 123.5E  
Celebes Islands  
H = 05 54 24.4  
h = 53 km  
Alberni  
eP 06 08 25  
Alert  
P 06 07 54  
Banff  
eP 06 08 46  
e 06 12 50  
Halifax  
eP' 06 13 31  
London, Ont.  
P' 06 13 17  
PKS 06 16 48  
Mould Bay  
iP 06 07 49 c  
Penticton  
iP 06 08 38 c  
Resolute  
eP 06 08 15  
i 06 12 18  
e 06 21 24  
Seven Falls  
eP' 06 13 20 c  
i 06 13 33  
i 06 16 45  
Shawinigan Falls  
eP' 06 13 21  
i 06 13 33  
Victoria  
eP 06 08 29  
e 06 12 44 d

MARCH 19  
Penticton  
eP 19 10 10

MARCH 19  
U.S.C.G.S.  
4.3S, 103.1E  
Near coast of Sumatra  
H = 20 57 24.2  
h = 100 km  
Penticton  
iP' 21 16 10 d

MARCH 19  
Resolute  
eP? 23 15 59

MARCH 19  
U.S.C.G.S.  
15.8N, 94.5W  
Gulf of Tehuantepec  
H = 01 36 30.3  
h = 25 km  
Mould Bay  
P 01 46 48  
Penticton  
eP 01 43 58  
Resolute  
eP 01 46 27

MARCH 20  
Southeastern British  
Columbia  
H = 04 41 46  
Mag 2.8  
Banff  
eP<sub>Z</sub> 04 42 06  
eS<sub>1</sub> 04 42 26  
D = 164 km  
Penticton  
iP 04 42 29  
D = 298 km  
Victoria  
P 04 43 07  
D = 609 km

MARCH 20  
Southeastern B.C.  
H = 09 16 05  
Mag 1.8  
Banff  
P<sub>1</sub> 09 16 39  
S<sub>1</sub> 09 17 03  
D = 224 km  
Penticton  
P<sub>1</sub> 09 16 32.4  
S<sub>1</sub> 09 16 53.0  
D = 169 km

MARCH 20  
U.S.C.G.S.  
27.9N, 111.2W  
Gulf of California  
H = 10 03 58.3  
h = 25 km  
Penticton  
eP 10 08 59  
Victoria  
eP 10 09 09

MARCH 20  
Mould Bay  
iP 15 49 36 c  
Resolute  
eP 15 50 15

MARCH 20  
Resolute  
P 03 47 04 d



DOMINION OBSERVATORIES

MARCH 20  
U.S.C.G.S.  
50.8N, 129.7W  
Queen Charlotte  
Sound area  
H = 16 31 48.3  
h = 25 km  
Mag 4.5  
Alert  
P 16 38 58  
Alberni  
eP<sub>1</sub> 16 32 42.8  
eS<sub>1</sub> 16 33 45.2  
D = 392 km  
Mould Bay  
eP 16 37 21 d  
Penticton  
P<sub>1</sub> 16 33 27  
D = 746 km  
Resolute  
eP 16 37 39  
Victoria  
eP<sub>1</sub> 16 32 57.9  
eS<sub>1</sub> 16 34 13  
D = 524 km

MARCH 20  
U.S.C.G.S.  
32.0N, 94.6E  
Tibet  
H = 23 10 38.1  
h = 25 km  
Resolute  
eP 23 22 07

MARCH 20  
U.S.C.G.S.  
62.1N, 152.7W  
Southern Alaska  
H = 01 53 13.3  
h = 122 km  
Alert  
P 01 59 04  
Mould Bay  
P 01 57 16  
Penticton  
iP 01 58 04 c  
Resolute  
eP 01 58 14  
Seven Falls  
iP 02 01 28 c  
Shawinigan Falls  
eP 02 01 24

MARCH 20  
Resolute  
eP 17 58 27

MARCH 20  
U.S.C.G.S.  
22.8N, 143.2E  
Mariana Islands region  
H = 18 52 55.8  
h = 98 km  
Alert  
iP 19 04 27 d  
Mould Bay  
P 19 04 00  
Penticton  
iP 19 04 40 d  
Resolute  
eP 19 04 37 d

MARCH 21  
U.S.C.G.S.  
22.2S, 170.4E  
Loyalty Islands  
H = 02 30 18.5  
h = 25 km  
Seven Falls  
eP' 02 49 17 d  
Shawinigan Falls  
P' 02 49 14

MARCH 21  
Penticton  
eP 06 03 46

MARCH 21  
Canadian Arctic  
H = 04 25 17.9  
Mag 0.8  
Resolute  
iP<sub>1</sub> 04 25 24.5  
iS<sub>1</sub> 04 25 29.5  
D = 41 km

MARCH 21  
U.S.C.G.S.  
4.4S, 80.7W  
Near coast of Peru  
H = 06 11 26.2  
h = 78 km  
Mould Bay  
P 06 23 47  
Penticton  
iP 06 21 49 c  
Seven Falls  
iP 06 20 28 c  
Shawinigan Falls  
eP 06 20 22

MARCH 21  
U.S.C.G.S.  
5.9S, 113.0E  
Java Sea  
H = 22 57 51.2  
h = 631 km  
Alert  
P 23 10 50  
Banff  
eP' 23 15 36

SEISMOLOGICAL BULLETIN - 1962

MARCH 21  
Penticton  
eP 10 40 26

MARCH 21  
H = 16 28 14  
Mag 2.0  
Alberni  
eP<sub>1</sub> 16 28 23.4  
iS<sub>1</sub> 16 28 30.8  
D = 60 km

MARCH 21  
H = 19 52 45  
Mag 1.8  
Penticton  
P<sub>1</sub> 19 53 10.6  
S<sub>1</sub> 19 53 30.5  
D = 163 km

MARCH 21  
U.S.C.G.S.  
48.6N, 153.4E  
Kurile Islands  
H = 21 04 15.6  
h = 25 km  
Mould Bay  
P 21 12 15  
Penticton  
eP 21 13 39  
Resolute  
eP 21 13 03

MARCH 21  
Penticton  
eP 21 25 05

MARCH 21  
U.S.C.G.S.  
5.9S, 113.0E  
Java Sea  
H = 22 57 51.2  
h = 631 km  
Alert  
P 23 10 50  
Banff  
eP' 23 15 36

Halifax  
eP' 23 16 13 ✓  
London, Ont.  
eP' 23 16 12 d ✓  
Mould Bay  
P 23 10 54 ✓  
Penticton  
iP' 23 15 33 d ✓  
Resolute  
iP 23 11 17 ✓  
eP' 23 15 16 ✓  
Seven Falls  
eP' 23 16 05 ✓  
Shawinigan Falls  
eP' 23 16 06 ✓

MARCH 21  
Penticton  
iP 23 28 02 c  
Resolute  
eP 23 27 44

MARCH 22  
U.S.C.G.S.  
6.0S, 113.0E  
Java Sea  
H = 00 37 36.8  
h = 595 km  
Halifax  
eP' 00 54 55 c ✓  
London, Ont.  
eP' 00 54 51 c ✓  
Penticton  
iP' 00 55 18 ✓  
i 00 56 38 c ✓  
Seven Falls  
iP' 00 55 10 c ✓  
Shawinigan Falls  
eP' 00 55 07 ✓

MARCH 22  
U.S.C.G.S.  
5.9S, 112.9E  
Java Sea  
H = 00 19 43.1  
h = 611 km  
Alberni  
eP' 00 37 22 ✓  
Halifax  
eP' 00 38 07 c ✓  
London, Ont.  
eP' 00 38 06 c ✓  
Mould Bay  
P 00 32 47 ✓  
PKKP 00 48 31 ✓  
Penticton  
iP' 00 37 27 c ✓  
Resolute  
eP 00 33 11 ✓  
eP' 00 37 09 ✓  
Seven Falls  
eP' 00 37 59 ✓  
Shawinigan Falls  
pP 00 37 32 c ✓  
eP' 00 38 01 ✓  
SKP 00 40 48 ✓

MARCH 22  
Penticton  
eP 00 44 47

MARCH 22  
Penticton  
iP 00 47 48 d

MARCH 22  
U.S.C.G.S.  
18.9S, 173.1W  
Fiji Islands  
H = 01 50 52.4  
h = 60 km  
Penticton  
iP 02 03 12



DOMINION OBSERVATORIES

MARCH 22  
 U.S.C.G.S.  
 15.8S, 167.6E  
 New Hebrides Islands  
 H = 06 21 08.1  
 h = 15 km  
 Mould Bay  
 P' 06 39 06  
 Resolute  
 eP' 06 39 00

MARCH 22  
 Mould Bay  
 P 10 43 55

MARCH 22  
 U.S.C.G.S.  
 32.2S, 66.9W  
 Argentina  
 H = 12 07 05.5  
 h = 249 km  
 London, Ont.  
 P 12 18 32  
 Penticton  
 iP 12 20 01 d  
 Seven Falls  
 iP 12 18 54 d

MARCH 22  
 Penticton  
 eP 14 04 36

MARCH 22  
 Penticton  
 eP 14 57 34

MARCH 22  
 U.S.C.G.S.  
 3.2S, 142.3E  
 Near coast of New Guinea  
 H = 15 13 03.9  
 h = 25 km  
 Mag 5 3/4

Alert  
 P 15 26 49 ✓  
 London, Ont.  
 iP' 15 32 05 d ✓  
 Mould Bay  
 P 15 26 27 ✓  
 Penticton  
 eP 15 26 43 ✓  
 Resolute  
 eP 15 26 55 ✓  
 Seven Falls  
 iP' 15 32 (10) d ✓  
 Shawinigan Falls  
 eP' 15 32 09 d ✓

MARCH 22  
 Dominion Observatory  
 86°N, 58°W  
 North of Greenland  
 H = 15 57 14  
 Mag 3.4  
 Alert  
 iPn 15 58 06.5 c  
 iSn 15 58 45.0  
 Lg Absent  
 D = 390 km  
 Mould Bay  
 Not recorded  
 Resolute  
 Sn 16 00 20  
 D = 1410 km

MARCH 22  
 U.S.C.G.S.  
 2.1S, 139.3E  
 Near coast of New Guinea  
 H = 16 16 26.4  
 h = 44 km  
 Seven Falls  
 iP' 16 35 (34) c  
 Shawinigan Falls  
 eP' 16 35 31

MARCH 22  
 U.S.C.G.S.  
 28.1S, 67.5W  
 Argentina  
 H = 18 59 00.8  
 h = 217 km  
 London, Ont.  
 iP 19 10 03 d ✓  
 Penticton  
 iP 19 11 37 ✓  
 Seven Falls  
 iP 19 10 (23) d ✓  
 Shawinigan Falls  
 eP 19 10 20 ✓

MARCH 22  
 U.S.C.G.S.  
 15.7S, 68.7W  
 Bolivia  
 H = 20 50 24.9  
 h = 100 km  
 Resolute  
 eP 21 03 26

MARCH 22  
 H = 23 12 20  
 Mag 1.1  
 Penticton  
 P1 23 12 30.8  
 S1 23 12 39.4  
 D = 70 km

MARCH 22  
 H = 23 55 00  
 Mag 1.9  
 Penticton  
 P1 23 55 25.2  
 S1 23 55 44.7  
 D = 160 km

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MARCH 23  
 U.S.C.G.S.  
 17.4S, 178.9W  
 Fiji Islands  
 H = 00 15 34.4  
 h = 576 km  
 Penticton  
 iP 00 27 12 c

MARCH 23  
 Resolute  
 eP 04 36 30

MARCH 23  
 U.S.C.G.S.  
 38.0S, 72.8W  
 Near coast of Chile  
 H = 05 34 40.5  
 h = 67 km  
 Seven Falls  
 eP 05 47 (09)  
 Shawinigan Falls  
 eP 05 47 07 d

MARCH 23  
 Penticton  
 eP 07 15 32

MARCH 23  
 Penticton  
 eP 10 11 11

MARCH 23  
 Penticton  
 eP 20 29 22

MARCH 23  
 Mould Bay  
 P 23 22 47

MARCH 24  
 Penticton  
 eP 00 14 24

MARCH 24  
 U.S.C.G.S.  
 17.8S, 173.0W  
 Fiji Islands  
 H = 01 34 07.9  
 h = 25 km  
 Banff  
 eP 01 46 43 ✓  
 Penticton  
 eP 01 46 26 ✓

MARCH 24  
 Resolute  
 eP? 11 04 49

MARCH 24  
 London, Ont.  
 P 12 52 40

MARCH 24  
 U.S.C.G.S.  
 5.7S, 145.0E  
 Near coast of New Guinea  
 H = 12 59 30.9  
 h = 111 km  
 Alberni  
 eP 13 12 42 ✓  
 Alert  
 P 13 13 16 ✓  
 London, Ont.  
 P' 13 18 18 ✓  
 Mould Bay  
 P 13 12 56 ✓  
 Penticton  
 iP 13 12 58 ✓

MARCH 24  
 Resolute  
 eP 13 13 (20) ✓  
 Seven Falls  
 eP' 13 18 (16) ✓  
 Shawinigan Falls  
 eP' 13 18 14 ✓  
 Victoria  
 eP 13 12 38 ✓

MARCH 24  
 Penticton  
 eP 18 35 13

MARCH 24  
 H = 23 55 53  
 Mag 1.8  
 Penticton  
 P1 23 56 18.5  
 S1 23 56 38.3  
 D = 162 km

MARCH 25  
 47°11'N±20',  
 69°28'W±20'  
 Northwestern Maine-  
 Quebec boundary  
 H = 02 02 20.7  
 Mag 3.3  
 Montreal

e 02 03 20  
 i 02 03 54  
 S1 02 04 05.5  
 D = 273 km  
 Seven Falls  
 P1 02 02 37  
 i 02 02 39.5  
 S1 02 02 50.0  
 D = 106.5 km  
 Shawinigan Falls  
 (P1) 02 03 03  
 S1 02 03 34.7  
 D = 260 km

MARCH 25  
 Penticton  
 eP 02 23 12

MARCH 25  
 47°34'N±15',  
 66°01'W±15'  
 About 20 miles W.S.W.  
 of Bathurst, N.B.  
 H = 05 15 04.9  
 h = 32 km  
 Mag 4.0



DOMINION OBSERVATORIES

Halifax	MARCH 25	MARCH 25
P <sub>n</sub> 05 15 55.0	U.S.C.G.S.	Penticton
P <sub>1</sub> 05 16 05.8	51.2N, 169.8W	eP 08 53 48
S <sub>n</sub> 05 16 31.4	Fox Islands	
S <sub>1</sub> 05 16 51.5	H = 08 12 38.0	
D = 376 km	h = 45 km	
Montreal	Alert	MARCH 25
S <sub>n</sub> 05 17 23.6	iP 08 20 28 c	U.S.C.G.S.
S <sub>1</sub> 05 17 58	London, Ont.	49.5S, 8.7W
D = 622 km	P 08 22 25	Northwest of Bouvet
Seven Falls	Mould Bay	Island
P <sub>n</sub> 05 15 54	P 08 19 03	H = 11 44 27.7
P <sub>1</sub> 05 16 04.2	Penticton	h = 25 km
S <sub>n</sub> 05 16 29.5	eP 08 19 01	Mould Bay
S <sub>1</sub> 05 16 49	i 08 21 51 d	P' 12 03 51
D = 368 km	Resolute	Penticton
Shawinigan Falls	eP 08 19 53	iP' 12 03 47 d
S <sub>n</sub> 05 17 03	i 08 22 09	Resolute
S <sub>1</sub> 05 17 32		eP' 12 03 (36)
D = 524 km		i 12 03 47
	MARCH 25	MARCH 25
	Penticton	Penticton
MARCH 25	eP 08 42 20	eP 14 25 53
Penticton		
eP 06 03 35		
	MARCH 25	MARCH 25
MARCH 25	65.0°N <sup>±</sup> 1.0°, 135.7°W <sup>±</sup> 2.5°	Mould Bay
Mould Bay	Between Wind River and Hart River	P 14 36 35
P 07 28 48	about 300 miles north of Whitehorse, N.W.T.	Resolute
Resolute	H = 08 43 31	i 14 36 26
eP? 07 29 15	Mag 4.6	
	Alert	MARCH 25
MARCH 25	Not recorded	U.S.C.G.S.
Penticton	Mould Bay	6.8N, 73.1W
eP 07 34 25	P <sub>n</sub> 08 46 24	Colombia
	S <sub>n</sub> 08 48 28	H = 15 28 45.9
MARCH 25	D = 1378 km	h = 112 km
Penticton	Resolute	Mould Bay
eP 07 36 33	P <sub>n</sub> 08 47 19	P 15 40 09
	S <sub>n</sub> 08 50 05	Penticton
MARCH 25	D = 1830 km	iP 15 38 26 c
Penticton		
eP 07 51 15	MARCH 25	MARCH 25
	Resolute	Penticton
	eP 08 47 19	eP 19 41 17
	i 08 53 54	

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MARCH 25	MARCH 26	Penticton
U.S.C.G.S.	38.7N, 20.6E	eP 12 18 28 ✓
27.8N, 99.6E	Ionian Islands	Resolute
China	H = 09 22 06.7	eP 12 17 (40) ✓
H = 20 49 09.0	h = 25 km	Seven Falls
h = 25 km	Mould Bay	eP 12 15 40 ✓
Mould Bay	P 09 32 31 ✓	Shawinigan Falls
P 21 00 41	Penticton	eP 12 15 45 ✓
Resolute	eP 09 34 47 ✓	
eP? 21 01 03	Resolute	
	eP 09 32 09 ✓	MARCH 26
		U.S.C.G.S.
MARCH 25		40.6S, 73.3W
U.S.C.G.S.	MARCH 26	Near coast of Chile
36.5N, 16.7E	H = 10 39 39	H = 16 32 43.6
Mediterranean Sea	Mag 1.4	h = 32 km
H = 21 37 36.1	Victoria	Alert
h = 25 km	iP <sub>1</sub> 10 39 43.8 d	iP' 16 51 37 ✓
Mould Bay	eS <sub>1</sub> 10 39 47.3	Halifax
iP 21 48 08 d ✓	D = 28 km	iP 16 45 20 ✓
Penticton		London, Ont.
iP 21 50 17 ✓	MARCH 26	P 16 45 09 ✓
Resolute	H = 11 10 25	Mould Bay
eP 21 47 43 ✓	Mag 2.5	P' 16 51 31 ✓
Victoria	Penticton	eP 16 46 17 ✓
eP 21 50 27 ✓	P <sub>n</sub> 11 11 05.2	Resolute
	S <sub>n</sub> 11 11 39.2	eP' 16 51 23 ✓
MARCH 25	D = 279 km	e 17 01 55 ✓
U.S.C.G.S.		Seven Falls
1.6N, 127.2E	MARCH 26	eP 16 45 28 c ✓
Halmahera	H = 11 41 31	Shawinigan Falls
H = 21 44 40.8	Mag 2.6	eP 16 45 25 c ✓
h = 60 km	Penticton	
Mould Bay	P <sub>n</sub> 11 42 11.8	MARCH 26
P 21 57 56	S <sub>n</sub> 11 42 45.8	H = 19 35 04
Resolute	D = 279 km	Mag 1.8
eP 21 58 23		Penticton
		P 19 35 32.7
MARCH 26		S 19 35 54.1
H = 05 18 02.2	MARCH 26	D = 178 km
Mag 2.3	U.S.C.G.S.	
Penticton	0.5S, 19.2W	MARCH 26
P <sub>1</sub> 05 18 43.9	Mid-Atlantic Ocean	Penticton
S <sub>1</sub> 05 19 19.0	H = 12 04 54.6	eP 22 46 14
D = 287 km	h = 25 km	
	London, Ont.	
	P 12 16 10 ✓	
	Mould Bay	
	P 12 18 09 ✓	



DOMINION OBSERVATORIES

MARCH 27  
U.S.C.G.S.  
3.9S, 129.1E  
Ceram region  
H = 05 22 32.0  
h = 96 km  
Mould Bay  
P 05 36 01 ✓  
Resolute  
eP? 05 36 30 ✓  
Seven Falls  
eP' 05 41 40 ✓  
iSKP 05 44 57 c ✓  
Shawinigan Falls  
SKP 05 44 57 ✓

MARCH 27  
U.S.C.G.S.  
39.2N, 77.3E  
China  
H = 06 15 13.4  
h = 235 km  
Mould Bay  
P 06 25 28

MARCH 27  
43°00'N±25',  
79°20'W±10'  
Niagara Peninsula  
felt at Buffalo, N.Y.  
H = 06 35 05.3  
Mag 3.0  
London  
iP<sub>1</sub> 06 35 33.2  
iS<sub>1</sub> 06 35 54.4  
D = 174 km

MARCH 27  
U.S.C.G.S.  
44.1N, 147.3E  
Kurile Islands  
H = 10 10 26.1  
h = 31 km  
Mould Bay  
P 10 19 09  
Penticton  
eP 10 20 31

Resolute  
eP 10 19 53  
i 10 21 08

MARCH 27  
U.S.C.G.S.  
20.3S, 177.6W  
Tonga Islands  
H = 14 50 15.2  
h = 510 km  
Penticton  
iP 15 02 07

MARCH 27  
Penticton  
eP 15 15 45

MARCH 27  
Penticton  
eP 19 27 29

MARCH 27  
U.S.C.G.S.  
16.9N, 99.9W  
Mexico  
H = 21 19 29.4  
h = 25 km  
Alberni  
eP 21 26 48 ✓  
Alert  
P 21 30 22 ✓  
Mould Bay  
iP 21 29 36 c ✓  
Penticton  
iP 21 26 31 ✓  
Resolute  
eP 21 29 19 c ✓  
Seven Falls  
eP 21 26 50 ✓  
Shawinigan Falls  
eP 21 26 46 ✓  
Victoria  
eP 21 26 38 ✓

MARCH 28  
Penticton  
eP 00 18 12

MARCH 28  
Penticton  
eP 00 24 09

MARCH 28  
U.S.C.G.S.  
36.6N, 71.6E  
Hindu Kush  
H = 00 51 54.7  
h = 108 km  
Mould Bay  
P 01 02 39 ✓  
Resolute  
eP? 01 02 (47) ✓  
Shawinigan Falls  
eP 01 04 50 d ✓  
Penticton  
iP 01 05 01 ✓

MARCH 28  
U.S.C.G.S.  
1.4N, 97.5E  
Near coast of Sumatra  
H = 04 05 24.6  
h = 74 km  
London, Ont.  
P' 04 24 38 ✓  
Penticton  
eP' 04 24 09 ✓  
Resolute  
eP? 04 19 21 ✓  
Seven Falls  
eP' 04 24 29 ✓  
SKP 04 27 51 ✓  
Shawinigan Falls  
eP' 04 24 31 ✓  
PKS 04 27 54 ✓

MARCH 28  
U.S.C.G.S.  
45.7N, 83.1E  
Kazakh S.S.R.  
H = 13 26 19.5  
h = 25 km  
Mould Bay  
iP 13 36 08 d ✓

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Penticton  
eP 13 38 46 ✓  
Resolute  
eP? 13 36 29 ✓  
Seven Falls  
eP 13 38 54 ✓  
Shawinigan Falls  
eP 13 39 03 ✓

MARCH 28  
U.S.C.G.S.  
19.4N, 108.6W  
Off coast of Mexico  
H = 14 14 45.2  
h = 43 km  
Mould Bay  
P 14 24 30  
Penticton  
eP 14 21 03  
Resolute  
eP 14 24 21

MARCH 28  
Penticton  
eP 14 30 44

MARCH 28  
32.7S, 178.0W  
Kermadec Islands  
H = 14 12 45.8  
h = 104 km  
Resolute  
eP' 14 31 29

MARCH 28  
Dominion Observatory  
82.3°N±1.0°,  
49.8°W±2.0°  
Northern coast of  
Greenland  
H = 14 45 12  
Mag 4.4  
Alert  
P<sub>1</sub> 14 45 43 d,N,E  
S<sub>1</sub> 14 46 06  
D = 189 km

Mould Bay  
P<sub>n</sub> 14 48 24  
S<sub>n</sub> 14 50 40  
D = 1525 km  
Resolute  
P<sub>n</sub> 14 47 56  
S<sub>n</sub> 14 49 54  
L<sub>g</sub> 14 51 20  
D = 1300 km

MARCH 28  
80.2°N±0.5°,  
117.2°W±2.5°  
About 130 miles north-  
west of Borden Island,  
N.W.T.  
H = 16 53 36.3  
Mag 3.7  
Alert  
P<sub>n</sub> 16 55 41  
S<sub>n</sub> 16 57 08  
D = 968 km  
Mould Bay  
P<sub>n</sub> 16 54 (35)  
i 16 55 (03)  
S<sub>n</sub> 16 55 (17)  
D = 440 km  
Resolute  
P<sub>n</sub> 16 55 22  
S<sub>n</sub> 16 56 37  
D = 820 km

MARCH 28  
H = 18 11 27  
Mag 2.2  
Alberni  
eP<sub>1</sub> 18 11 39.2 c  
iS<sub>1</sub> 18 11 48.3 d  
D = 74 km

MARCH 28  
Penticton  
eP 22 30 09

MARCH 29  
Southern Vancouver  
Island  
H = 00 08 09  
Mag 1.8  
Alberni  
eP<sub>1</sub> 00 08 26.6  
S<sub>1</sub> 00 08 41.7  
D = 112 km  
Victoria  
eP<sub>1</sub> 00 08 13.4  
iS<sub>1</sub> 00 08 17.0  
D = 29 km

MARCH 29  
H = 00 13 55  
Mag 1.9  
Penticton  
P<sub>1</sub> 00 14 20.7  
S<sub>1</sub> 00 14 40.7  
D = 164 km

MARCH 29  
Penticton  
eP 00 23 28  
Resolute  
eP 00 21 28

MARCH 29  
U.S.C.G.S.  
51.8N, 157.2E  
Near coast of  
Kamchatka  
H = 01 52 25.4  
h = 155 km  
Alberni  
eP 02 00 46 c  
Alert  
iP 02 00 23 d  
Halifax  
eP 02 04 02.5 d  
Mould Bay  
P 01 59 39  
Penticton  
iP 02 01 06 c  
Resolute  
eP 02 00 30



DOMINION OBSERVATORIES

Seven Falls eP 02 03 41	MARCH 29 U.S.C.G.S. 5.4N, 81.9W South of Panama H = 13 32 30.8 h = 69 km Mould Bay P 13 44 01 Penticton iP 13 41 51	MARCH 29 U.S.C.G.S. 20.7N, 120.6E North of Luzon, Phillipine Islands H = 21 15 16.0 h = 94 km Penticton eP 21 28 22 Resolute eP 21 27 30
MARCH 29 Penticton eP 03 10 19	MARCH 29 U.S.C.G.S. 79.2N, 2.7E Svalbard region H = 19 31 08.8 h = 25 km Mould Bay P 19 36 01 Resolute eP 19 35 38	MARCH 29 Penticton eP 22 30 25
MARCH 29 U.S.C.G.S. 58.6N, 137.4W Alaska H = 03 07 02.5 h = 25 km Alberni eP 03 12 52 Mould Bay P 03 11 24 Penticton eP 03 14 05 Resolute eP 03 12 03 Seven Falls eP 03 14 36 Victoria eP 03 13 37	MARCH 29 U.S.C.G.S. 0.5S, 127.4E Halmahera region H = 20 09 01.9 h = 25 km Mould Bay P 20 22 27 ✓ Penticton eP' 20 27 24 ✓ Resolute eP 20 22 (54) ✓ e 20 41 44 ✓ Seven Falls eP' 20 28 12 ✓ Shawinigan Falls eP' 20 28 13 ✓	MARCH 29 Mould Bay P 22 49 09 Resolute eP 22 48 36
MARCH 29 Mould Bay P 09 08 37	MARCH 29 Penticton eP 21 17 53	MARCH 30 Alberni eP 01 42 42 Mould Bay P 01 44 40 Resolute eP 01 44 (19)
MARCH 29 Penticton eP 12 32 45		

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MARCH 30 Penticton iP 05 13 12 Resolute eP 05 12 34	Victoria eP <sub>1</sub> 22 00 34.0 eS <sub>1</sub> 22 00 43.1 D = 90 km	MARCH 31 Mould Bay P 21 44 04
MARCH 30 Penticton eP 08 40 37	MARCH 30 H = 23 59 26 Mag 1.8 Penticton P <sub>1</sub> 24 00 00.1 S <sub>1</sub> 24 00 20.0 D = 162 km	
MARCH 30 Penticton eP 13 36 47	MARCH 31 U.S.C.G.S. 15.9S, 173.9W Tonga Islands region H = 01 16 42.9 h = 107 km Penticton eP 01 28 45	
MARCH 30 Penticton eP 19 20 48	MARCH 31 Alberni eP 12 21 23 Mould Bay P 12 21 43 Penticton eP 12 21 19 Resolute i 12 21 25 i 12 25 02	
MARCH 30 Penticton eP 20 50 26	MARCH 31 Victoria eP 12 34 41	
MARCH 30 48.6N, 124.6W Vancouver Island H = 22 00 20 Mag 1.5 Alberni eP 22 00 32.5 iS 22 00 42.4 d D = 82 km	MARCH 31 Canadian Arctic H = 20 48 55 Mag 2.5 Resolute P <sub>n</sub> 20 49 51 S <sub>n</sub> 20 50 31 D = 415 km	



DOMINION OBSERVATORIES

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the first quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. M=magnitude.

- JANUARY 2 17:55:31. M = 1.6. 121 miles from Resolute, N. W. T.
- JANUARY 3 19:34:56. M = 2.1. 102 miles from Resolute, N. W. T.
- JANUARY 5 23:56:28. 82.8° N ± 0.5°, 90.9° W ± 2.0°. Depth 25 km. M = 3.5. About 48 miles northwest of Alert Pt., Ellesmere Island, N. W. T.
- JANUARY 6 04:24:19. 78.5° N ± 0.5°, 90.4° W ± 2.0°. Depth 20 km. M = 3.9. Near the southern tip of Axel Heiberg Island, N. W. T.
- JANUARY 12 03:56:19. M = 1.3. 35 miles from Mould Bay, N. W. T.
- JANUARY 13 12:25:41 74.2° N ± 1.0°, 81.7° W ± 3.0°. Depth 25 km. M = 3.6. Near Cape Sherard, Devon Island, N. W. T.
- JANUARY 14 09:45:44. M = 2.0. 37 miles from Resolute, N. W. T.
- JANUARY 17 09:10:25. M = 2.0. 109 miles from Resolute, N. W. T.
- JANUARY 18 01:23:19. M = 1.0. 35 miles from Resolute, N. W. T.
- JANUARY 18 04:37:44. M = 2.1. 153 miles from Resolute, N. W. T.
- JANUARY 18 16:34:23. M = 1.0. 15 miles from Resolute, N. W. T.
- JANUARY 18 20:52:08. M = 1.4. 46 miles from Resolute, N. W. T.
- JANUARY 27 04:02:35. M = 1.8. 56 miles from Resolute, N. W. T.
- JANUARY 28 07:51:32. M = 2.2. 112 miles from Resolute, N. W. T.
- JANUARY 28 12:40:39. M = 2.2. 112 miles from Resolute, N. W. T.
- JANUARY 31 00:40:19. 68.2° N ± 1.0°, 123.9° W ± 2.0°. M = 4.3. About 140 miles northwest of Great Bear Lake, N. W. T.

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- FEBRUARY 4 20:03:45. 82.1° N ± 0.5°, 82.0° W ± 2.5°. Depth 30 km. M = 3.4. Ellesmere Island, about 50 miles north of Greely Fiord, N. W. T.
- FEBRUARY 4 23:09:46. M = 2.4. 117 miles from Resolute, N. W. T.
- FEBRUARY 11 07:40:01. M = 1.6. 64 miles from Resolute, N. W. T.
- FEBRUARY 12 13:21:37. M = 1.8. 122 miles from Resolute, N. W. T.
- FEBRUARY 15 14:09:29. Depth 27 km. M = 3.6. 241 miles from Resolute, N. W. T.
- FEBRUARY 23 11:10:29. M = 2.1. 46 miles from Resolute, N. W. T.
- FEBRUARY 24 02:29:44. 81.1° N ± 0.5°, 105.0° W ± 2.0°. M = 3.5. About 90 miles north of Ellef Ringnes Island, Queen Elizabeth Islands, N. W. T.
- FEBRUARY 26 07:20:57. M = 1.8. 51 miles from Mould Bay, N. W. T.
- FEBRUARY 26 09:19:57. 70.9° N ± 1.0°, 133.0° W ± 2.5°. M = 4.4. Beaufort Sea about 150 miles north of Inuvik, N. W. T.
- MARCH 2 03:36:04. M = 2.4. 137 miles from Resolute, N. W. T.
- MARCH 2 18:40:51. M = 2.0. 137 miles from Resolute, N. W. T.
- MARCH 4 23:03:26. M = 1.7. 37 miles from Resolute, N. W. T.
- MARCH 6 03:24:01. M = 1.1. 37 miles from Resolute, N. W. T.
- MARCH 9 13:07:23. M = 2.2. 137 miles from Resolute, N. W. T.
- MARCH 21 04:25:18. M = 0.8. 26 miles from Resolute, N. W. T.
- MARCH 22 01:28:45. M = 1.9. 132 miles from Resolute, N. W. T.
- MARCH 25 08:43:31. 65.0° N ± 1.0°, 135.7° W ± 2.5°. M = 4.6. Between Wind River and Hart River, about 300 miles north of Whitehorse, N. W. T.
- MARCH 28 16:53:36. 80.2° N ± 0.5°, 117.2° W ± 2.5°. M = 3.7. About 130 miles northwest of Borden Island, Queen Elizabeth Islands, N. W. T.
- MARCH 31 20:48:55. M = 2.5. 258 miles from Resolute, N. W. T.



DOMINION OBSERVATORIES

EARTHQUAKES IN EASTERN CANADA

AND ADJACENT AREAS

The following disturbances were recorded during the first quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. M = magnitude.

JANUARY 27 12:11:17. 45°55' N ± 5', 74°51' W ± 5'. M = 4.3. About 12 miles WSW of Arundel, Que. Felt strongly at Arundel and as far as Ottawa where Radio Station CFRA reported that "many were awakened."

JANUARY 30 08:08:00. 48°09'N, 80°02'W. A rockburst 3200 to 4950 feet underground in a mine at Kirkland Lake, Ont. The burst released seismic energy equivalent to that of an earthquake of magnitude 4.6. We are indebted to Mr. F. J. Hallick, former operator of a seismograph station at Kirkland Lake, for confirming this event as a rockburst.

JANUARY 31 14:32:38. 47°30' N ± 12', 67°08' W ± 12'. Depth 30 km. M = 3.5. About 15 miles SSE of Kedgwick, N.B.

MARCH 23 02:02:21. 47°11' N ± 20', 69°28' W ± 20'. M = 3.3. Northwestern Maine -- Quebec boundary.

MARCH 25 05:15:05. 47°34' N ± 15', 66°01' W ± 15'. Depth 32 km. M = 4.0. About 20 miles WSW of Bathurst, N.B.

MARCH 27 06:35:05. 43°00' N ± 25', 79°20' W ± 10'. M = 3.0. On the Niagara Peninsula. Felt at Buffalo, N.Y., and in adjacent portions of Ontario.

SEISMOLOGICAL BULLETIN - 1962

EARTHQUAKES IN WESTERN CANADA

AND ADJACENT AREAS

The following disturbances were recorded during the first quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. In some cases, although they are not included in the text, readings from Hungry Horse, in Montana, U.S.A., and Seattle, Wash., U.S.A. were used to compute epicentres. The quality (Q) of the epicentre is indicated by a letter from "a" meaning an excellent fit of the observed data to "d" meaning a very poor solution.

JANUARY 2 at 01:22:45. Magnitude 2.1. Epicentre at 48.4° N, 125.2° W, at the entrance to the Strait of Juan de Fuca. Q = b.

JANUARY 3 at 23:57:25. Magnitude 1.9. 159 km from Penticton.

JANUARY 4 at 21:12:27. Magnitude 1.6. 139 km from Penticton.

JANUARY 5 at 01:50:25. Magnitude 2.0. 52 km from Alberni.

JANUARY 5 at 21:47:29. Magnitude 1.0. 34 km from Penticton.

JANUARY 5 at 23:43:08. Magnitude 2.0. 171 km from Penticton.

JANUARY 9 at 19:40:48. Magnitude 1.8. 158 km from Penticton.

JANUARY 9 at 21:09:28. Magnitude 2.4. 112 km from Alberni.

JANUARY 12 at 00:30:59. Magnitude 1.5. 155 km from Penticton.

JANUARY 12 at 10:05:50. Magnitude 2.1. Epicentre is probably south of Puget Sound, U.S.A.

JANUARY 13 at 19:37:49. Magnitude 1.7. 152 km from Penticton

JANUARY 15 at 05:28:46. Magnitude 3.6. Epicentre in central Washington, U.S.A.

JANUARY 16 at 00:25:44. Magnitude 2.0. 163 km from Penticton.

JANUARY 16 at 21:00:29. Magnitude 2.1. 57 km from Alberni.

JANUARY 16 at 23:50:24. Magnitude 1.5. 163 km from Penticton.

JANUARY 17 at 19:27:26. Magnitude 3.3. Epicentre at 48°33' N, 124°58' W, near the entrance to the Strait of Juan de Fuca. Q = a.

JANUARY 18 at 22:55:39. Magnitude 2.0. 162 km from Penticton.



DOMINION OBSERVATORIES

- JANUARY 21 at 12:14:16. Magnitude 1.6. 83 km from Penticton.
- JANUARY 22 at 23:11:09. Magnitude 1.9. 166 km from Penticton.
- JANUARY 23 at 01:58:08. Magnitude 2.0. Epicentre at 49.0°N, 125.5° W, in Barkley Sound. Q = b.
- JANUARY 23 at 23:39:12. Magnitude 1.7. 139 km from Penticton.
- JANUARY 24 at 19:37:15. Magnitude 1.7. 164 km from Penticton.
- JANUARY 25 at 20:55:54. Magnitude 2.2. Epicentre at 48.9° N, 125.4° W, in Barkley Sound. Q = b.
- JANUARY 25 at 23:46:15. Magnitude 2.0. 166 km from Penticton.
- JANUARY 27 at 23:35:23. Magnitude 1.9. 158 km from Penticton.
- JANUARY 29 at 21:49:24. Magnitude 3.5. Epicentre at 49°02' N, 124°37' W, south of Alberni. Felt on lower Vancouver Island. Q = a.
- JANUARY 30 at 11:35:47. Magnitude 1.8. 56 km from Victoria.
- JANUARY 31 at 04:22:47. Magnitude 2.5. Epicentre at 47.8° N, 125.7° W, off coast of Washington, U.S.A. Q = c.
- JANUARY 31 at 20:33:47. Magnitude 1.6. 185 km from Penticton.
- JANUARY 31 at 22:17:18. Magnitude 1.5. 159 km from Penticton.
- FEBRUARY 1 at 22:46:59. Magnitude 1.7. 165 km from Penticton.
- FEBRUARY 2 at 07:40:17. Magnitude 2.4. 282 km from Penticton.
- FEBRUARY 2 at 12:01:18. Magnitude 2.6. 286 km from Penticton.
- FEBRUARY 2 at 14:12:59. Magnitude 2.1. 270 km from Penticton.
- FEBRUARY 2 at 16:23:52. Magnitude 2.1. 261 km from Penticton.
- FEBRUARY 2 at 16:53:14. Magnitude 2.3. 193 km from Penticton.
- FEBRUARY 2 at 22:42:46. Magnitude 2.2. Epicentre at 48.9° N, 125.5° W, in Barkley Sound. Q = c.
- FEBRUARY 3 at 23:53:56. Magnitude 1.7. 160 km from Penticton.
- FEBRUARY 5 at 23:22:51. Magnitude 1.5. 166 km from Penticton.

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- FEBRUARY 7 at 00:31:33. Magnitude 1.5. 88 km from Penticton.
- FEBRUARY 7 at 23:52:51. Magnitude 1.5. 165 km from Penticton.
- FEBRUARY 8 at 04:10:25. Magnitude 1.0. 28 km from Penticton.
- FEBRUARY 9 at 12:22:49. Magnitude 1.8. 129 km from Penticton.
- FEBRUARY 9 at 22:10:02. Magnitude 1.7. 163 km from Penticton.
- FEBRUARY 11 at 21:23:16. Magnitude 1.1. 30 km from Alberni.
- FEBRUARY 12 at 02:23:23. Magnitude 2.1. 53 km from Alberni.
- FEBRUARY 12 at 19:41:16. Magnitude 1.8. 159 km from Penticton.
- FEBRUARY 12 at 23:25:29. Magnitude 1.5. 166 km from Penticton.
- FEBRUARY 13 at 00:30:55. Magnitude 1.7. Probably on Southern Vancouver Island.
- FEBRUARY 13 at 02:18:08. Magnitude 1.5. 49 km from Alberni.
- FEBRUARY 15 at 00:00:42. Magnitude 1.8. 166 km from Penticton.
- FEBRUARY 16 at 23:51:53. Magnitude 1.8. 177 km from Penticton.
- FEBRUARY 17 at 16:36:09. Magnitude 2.6. Preliminary computation indicates an epicentre in southeastern British Columbia.
- FEBRUARY 18 at 00:20:56. Magnitude 2.0. 54 km from Alberni.
- FEBRUARY 20 at 01:23:51. Magnitude 2.4. Probably in Washington, U.S.A.
- FEBRUARY 20 at 07:28:23. Magnitude 2. Epicentre at 48.7° N, 123.0° W, in Gulf Islands. Q = b.
- FEBRUARY 20 at 22:29:08. Magnitude 2. Probably in Washington, U.S.A.
- FEBRUARY 21 at 00:06:07. Magnitude 1.9. 160 km from Penticton.
- FEBRUARY 23 at 02:35:49. Magnitude 2.0. 70 km from Alberni.
- FEBRUARY 23 at 20:09:14. Magnitude 2.0. Epicentre probably on Southern Vancouver Island.
- FEBRUARY 24 at 04:21:54. Magnitude 2.5. 276 km from Penticton.
- FEBRUARY 24 at 07:06:32. Magnitude 2.8. 255 km from Alberni.



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- FEBRUARY 25 at 06:05:50. Magnitude 3.5. Epicentre is west of Vancouver Island.
- FEBRUARY 27 at 19:12:05. Magnitude 1.8. 176 km from Penticton.
- FEBRUARY 28 at 11:33:32. Magnitude 1.6. 178 km from Penticton.
- FEBRUARY 28 at 23:40:09. Magnitude 1.9. 199 km from Penticton.
- MARCH 1 at 22:33:02. Magnitude 1.8. 168 km from Penticton.
- MARCH 2 at 02:01:33. Magnitude 1.8. 50 km from Alberni.
- MARCH 2 at 23:54:25. Magnitude 1.7. 162 km from Penticton.
- MARCH 3 at 00:31:06. Magnitude 2.2. Probably on Southern Vancouver Island.
- MARCH 3 at 02:18:41. Magnitude 1.6. 50 km from Alberni.
- MARCH 4 at 22:58:32. Magnitude 3.2. Epicentre probably in southeastern British Columbia.
- MARCH 6 at 00:29:44. Magnitude 1.9. 74 km from Alberni.
- MARCH 6 at 23:45:12. Magnitude 1.2. 176 km from Penticton.
- MARCH 8 at 01:52:50. Magnitude 1.9. 53 km from Alberni.
- MARCH 8 at 16:52:45. Magnitude 1.1. 36 km from Victoria.
- MARCH 8 at 19:07:40. Magnitude 1.7. 158 km from Penticton.
- MARCH 9 at 22:09:43. Magnitude 1.7. Probably on southern Vancouver Island.
- MARCH 9 at 22:19:19. Magnitude 1.5. 112 km from Penticton.
- MARCH 9 at 22:41:37. Magnitude 2.4. 166 km from Penticton.
- MARCH 10 at 22:38:00. Magnitude 2.0. 56 km from Alberni.
- MARCH 11 at 14:47:55. Magnitude 1.8. 67 km from Alberni.
- MARCH 12 at 01:20:06. Magnitude 2.4. Epicentre at  $49^{\circ}43' N$ ,  $123^{\circ}17' W$ , northwest of Squamish.  $Q = a$ .
- MARCH 13 at 23:51:00. Magnitude 1.9. 162 km from Penticton.
- MARCH 14 at 01:49:08. Magnitude 2.0.

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- MARCH 16 at 04:48:53. Magnitude 1.7. 91 km from Victoria.
- MARCH 16 at 23:59:28. Magnitude 2.1. 149 km from Penticton.
- MARCH 18 at 04:09:42. Magnitude 2.1. Epicentre at  $48.2^{\circ} N$ ,  $123.0^{\circ} W$ , at the south end of Puget Sound, U.S.A.  $Q = c$ .
- MARCH 18 at 17:22:38. Magnitude 1.7.
- MARCH 18 at 21:47:13. Magnitude 1.0. 28 km from Victoria.
- MARCH 20 at 04:41:46. Magnitude 2.8. Epicentre is probably in southeastern British Columbia.
- MARCH 20 at 9:16:05. Magnitude 1.8. Epicentre is probably in southeastern British Columbia.
- MARCH 20 at 16:31:48. Magnitude 4.5. Epicentre is at  $50.8^{\circ} N$ ,  $129.7^{\circ} W$ , northwest of Vancouver Island.
- MARCH 20 at 21:31:14. Magnitude 1.8. 74 km from Alberni.
- MARCH 21 at 16:28:14. Magnitude 2.0. 60 km from Alberni.
- MARCH 21 at 19:52:44. Magnitude 1.8. 163 km from Penticton.
- MARCH 22 at 23:12:20. Magnitude 1.1. 70 km from Penticton.
- MARCH 22 at 23:55:00. Magnitude 1.9. 160 km from Penticton.
- MARCH 24 at 23:55:52. Magnitude 1.8. 162 km from Penticton.
- MARCH 26 at 05:18:02. Magnitude 2.3. 287 km from Penticton.
- MARCH 26 at 10:39:39. Magnitude 1.4. 28 km from Victoria.
- MARCH 26 at 11:10:24. Magnitude 2.5. 279 km from Penticton.
- MARCH 26 at 11:41:31. Magnitude 2.6. 279 km from Penticton.
- MARCH 26 at 19:35:04. Magnitude 1.8. 178 km from Penticton.
- MARCH 28 at 18:11:27. Magnitude 2.2. 74 km from Alberni.
- MARCH 29 at 00:08:09. Magnitude 1.8. Epicentre probably on southern Vancouver Island.
- MARCH 29 at 00:13:55. Magnitude 1.9. 164 km from Penticton.



DOMINION OBSERVATORIES

- MARCH 30 at 00:12:17. Magnitude 2.1. 68 km from Alberni.
- MARCH 30 at 19:45:36. Magnitude 1.8. 163 km from Penticton.
- MARCH 30 at 22:00:19. Magnitude 1.5. Epicentre at 48.6° N, 124.6° W, on southern Vancouver Island. Q = c.
- MARCH 30 at 23:59:26. Magnitude 1.8. 162 km from Penticton.
- MARCH 30 at 00:12:17. Magnitude 2.1. 68 km from Alberni.
- MARCH 30 at 19:45:36. Magnitude 1.8. 163 km from Penticton.
- MARCH 30 at 22:00:19. Magnitude 1.5. Epicentre at 48.6° N, 124.6° W, on southern Vancouver Island. Q = c.
- MARCH 30 at 23:59:26. Magnitude 1.8. 162 km from Penticton.
- MARCH 30 at 00:12:17. Magnitude 2.1. 68 km from Alberni.
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- MARCH 30 at 22:00:19. Magnitude 1.5. Epicentre at 48.6° N, 124.6° W, on southern Vancouver Island. Q = c.
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- MARCH 30 at 19:45:36. Magnitude 1.8. 163 km from Penticton.
- MARCH 30 at 22:00:19. Magnitude 1.5. Epicentre at 48.6° N, 124.6° W, on southern Vancouver Island. Q = c.
- MARCH 30 at 23:59:26. Magnitude 1.8. 162 km from Penticton.





International  
Seismological  
Centre

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OTTAWA, 1963





**SEISMOLOGICAL SERIES**  
of the  
**DOMINION OBSERVATORY**

**1962-1**

(Continued)

**Seismological Bulletin**

**April - June**

**1962**

**Seismological Service  
of Canada**

**OTTAWA, CANADA**

Department of Mines and Technical Surveys

**DOMINION OBSERVATORIES**

**1963**

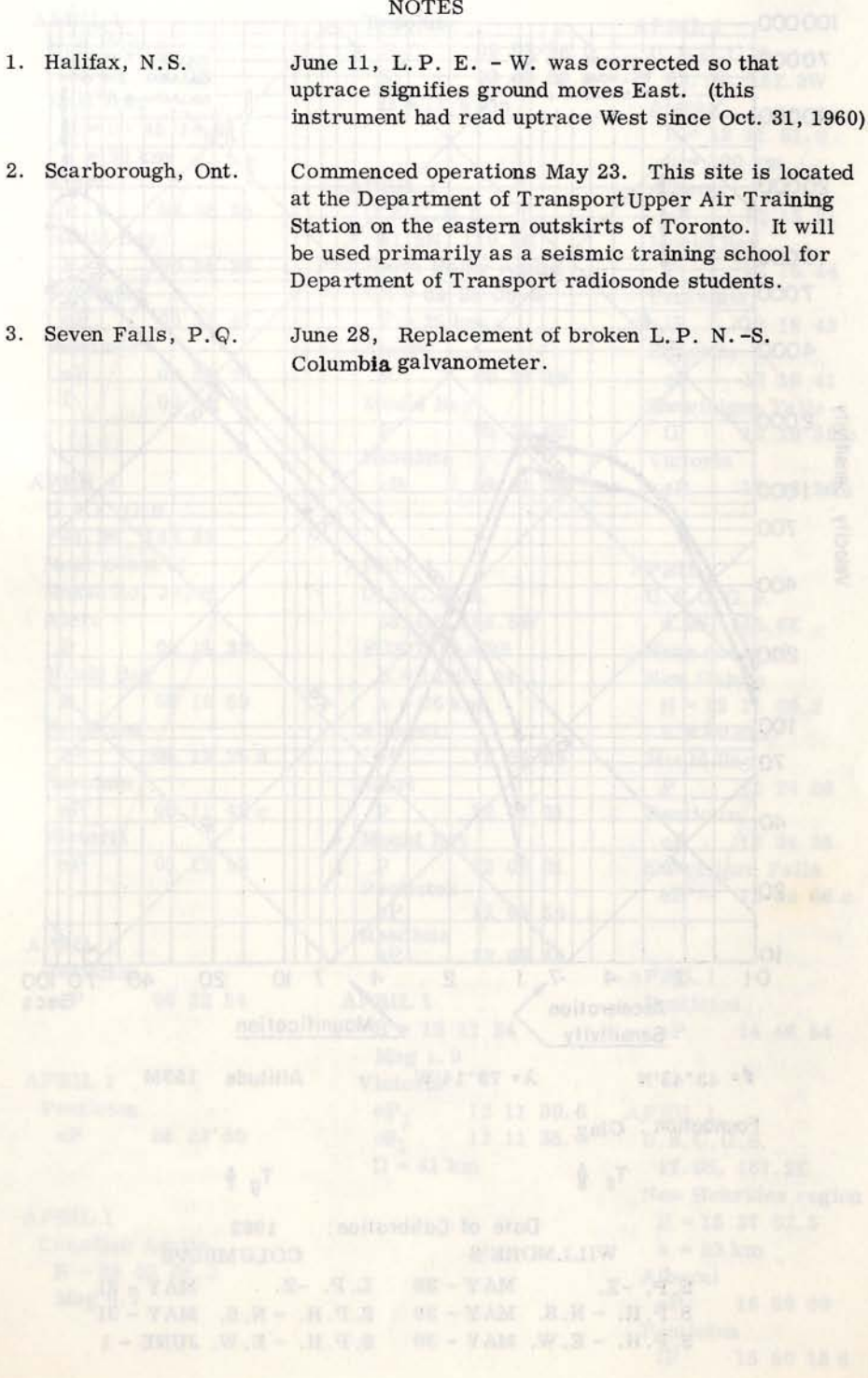


SEISMOLOGICAL BULLETIN - 1962

APRIL - JUNE 1962

NOTES

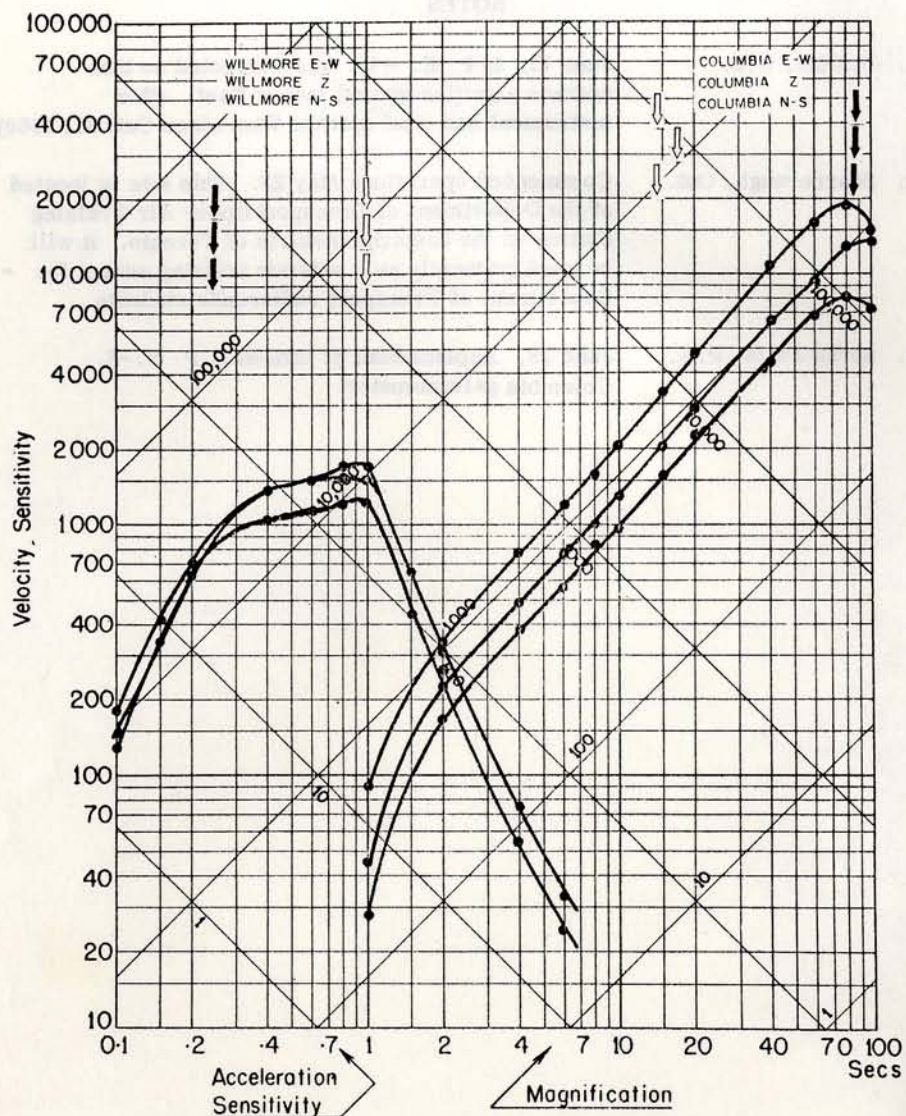
1. Halifax, N.S. June 11, L. P. E. - W. was corrected so that uptrace signifies ground moves East. (this instrument had read uptrace West since Oct. 31, 1960).
2. Scarborough, Ont. Commenced operations May 23. This site is located at the Department of Transport Upper Air Training Station on the eastern outskirts of Toronto. It will be used primarily as a seismic training school for Department of Transport radiosonde students.
3. Seven Falls, P.Q. June 28, Replacement of broken L. P. N. -S. Columbia galvanometer.





CALIBRATION CURVES

STATION: SCARBOROUGH



$\phi = 43^{\circ}43'N$        $\lambda = 79^{\circ}14'W$       Altitude 153M

Foundation: Clay

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: 1962

WILLMORE'S

COLUMBIA'S

S.P. -Z.	MAY - 30	L.P. -Z.	MAY - 31
S.P.H. - N.S.	MAY - 30	S.P.H. - N.S.	MAY - 31
S.P.H. - E.W.	MAY - 30	S.P.H. - E.W.	JUNE - 1

SEISMOLOGICAL BULLETIN - 1962

APRIL 1

U. S. C. G. S.  
33.6N, 59.0E  
East Iran  
H = 00 45 14.6  
h = 33 km  
Alert  
P 00 55 25  
Mould Bay  
P 00 56 26  
Penticton  
eP 00 58 47  
Resolute  
P 00 56 28  
i 00 56 31

APRIL 1

U. S. C. G. S.  
41.9N, 143.4E  
Near coast of  
Hokkaido, Japan  
Alert  
P 05 11 32  
Mould Bay  
P 05 10 59  
Penticton  
iP 05 12 25 d  
Resolute  
eP 05 11 42 c  
Victoria  
eP 05 12 15

APRIL 1

Penticton  
eP 08 22 54

APRIL 1

Penticton  
eP 08 29 50

APRIL 1

Canadian Arctic  
H = 09 03 56.2  
Mag 0.7

Resolute

P<sub>1</sub> 09 03 58.0  
S<sub>1</sub> 09 03 59.4  
D = 11.5 km

APRIL 1

U. S. C. G. S.  
81.5N, 119.5E  
North Polar region  
H = 09 26 35.6  
h = 25 km  
Alert  
P 09 30 18  
Mould Bay  
P 09 31 02  
Resolute  
eP 09 31 39

APRIL 1

U. S. C. G. S.  
53.4N, 164.5W  
FOX ISLANDS  
H = 12 00 04.1  
h = 36 km  
Alberni  
eP 12 05 29  
Alert  
P 12 07 31  
Mould Bay  
P 12 06 01  
Penticton  
eP 12 05 56  
Resolute  
eP 12 06 49

APRIL 1

H = 12 11 24  
Mag 1.9  
Victoria

eP<sub>1</sub> 12 11 30.6  
eS<sub>1</sub> 12 11 35.6  
D = 41 km

APRIL 1

U. S. C. G. S.  
63.1N, 152.3W  
Alaska  
H = 12 11 51.0  
h = 100 km  
Alberni  
eP 12 15 21  
Mould Bay  
P 12 15 44  
Penticton  
iP 12 16 43  
Resolute  
eP 12 16 41  
Shawinigan Falls  
iP 12 19 59 c  
Victoria  
eP 12 16 36

APRIL 1

U. S. C. G. S.  
4.2S, 143.6E  
Near coast of  
New Guinea  
H = 12 11 09.2  
h = 80 km  
Mould Bay  
P 12 24 26  
Penticton  
eP 12 24 35  
Shawinigan Falls  
eP<sup>1</sup> 12 30 06 c

APRIL 1

Penticton  
eP 14 46 54

APRIL 1

U. S. C. G. S.  
17.9S, 167.2E  
New Hebrides region  
H = 15 37 02.5  
h = 53 km  
Alberni  
eP 15 50 00  
Penticton  
iP 15 50 15 d







DOMINION OBSERVATORIES

APRIL 5  
Penticton  
eP 03 09 38

APRIL 5  
U. S. C. G. S.  
53.7N, 163.6W  
Unimak Island region  
H = 03 40 08.9  
h = 65 km  
Alberni  
eP 03 45 27  
Alert  
iP 03 47 31  
Mould Bay  
P 03 45 59  
Penticton  
iP 03 45 59 c  
Resolute  
eP 03 46 49  
Victoria  
eP 03 45 37

APRIL 5  
Mould Bay  
P 04 49 20  
Penticton  
eP 04 49 15  
Resolute  
eP 04 50 09

APRIL 5  
Penticton  
eP 05 40 46  
e 05 41 23  
Victoria  
eP 05 40 54

APRIL 5  
Penticton  
eP 07 08 57

APRIL 5  
Penticton  
eP 07 20 29

APRIL 5  
Resolute  
eP 07 28 10

APRIL 5  
Penticton  
eP 07 32 49

APRIL 5  
Penticton  
eP 10 18 11

APRIL 5  
Penticton  
eP 10 30 48  
Victoria  
eP 10 31 06

APRIL 5  
Penticton  
eP 12 11 59

APRIL 5  
U. S. C. G. S.  
44.9S, 75.3W  
Near coast of  
Southern Chile  
H = 12 24 34.5  
h = 25 km  
Mould Bay  
P' 12 43 31

APRIL 5  
Penticton  
eP 17 25 04

APRIL 5  
Penticton  
eP 17 55 46

APRIL 5  
Penticton  
eP 18 03 00

APRIL 5  
Mould Bay  
P 18 07 32  
Resolute  
eP 18 07 29

APRIL 5  
Mould Bay  
P 19 01 51  
Penticton  
iP 19 00 08 c

APRIL 5  
Penticton  
eP 19 32 08

APRIL 5  
U. S. C. G. S.  
16.2S, 167.5E  
New Hebrides  
H = 19 45 58.4  
h = 35 km  
Penticton  
eP 19 59 05

APRIL 5  
Penticton  
eP 23 24 51

APRIL 6  
Penticton  
eP 02 44 04

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APRIL 6  
U. S. C. G. S.  
17.7S, 178.8W  
Fiji Islands  
H = 04 26 08.6  
h = 593 km  
Penticton  
iP 04 37 45 c

APRIL 6  
Penticton  
eP 05 46 30

APRIL 6  
Penticton  
eP 07 37 34

APRIL 6  
Penticton  
eP 07 50 12

APRIL 6  
Penticton  
eP 07 54 15  
i 07 54 50  
Victoria  
eP 07 54 21

APRIL 6  
Penticton  
eP 08 39 04

APRIL 6  
Penticton  
eP 08 43 41

APRIL 6  
Penticton  
eP 09 57 31

APRIL 6  
Penticton  
eP 13 57 21

APRIL 6  
U. S. C. G. S.  
26.7S, 113.2W  
Easter Island region  
H = 16 50 14.2  
h = 33 km  
Alberni  
eP 17 02 04 c  
Penticton  
iP 17 02 02 c  
Resolute  
eP 17 04 07  
Shawinigan Falls  
eP 17 02 33  
Victoria  
eP 17 02 00

APRIL 6  
Penticton  
eP 17 13 18

APRIL 6  
Resolute  
eP 18 07 28

APRIL 6  
Penticton  
eP 20 39 50

APRIL 6  
Penticton  
eP 20 48 28

APRIL 6  
Penticton  
iP 21 47 26 d

APRIL 7  
Penticton  
eP 01 09 22

APRIL 7  
Penticton  
eP 06 10 48

APRIL 7  
Penticton  
eP 06 25 07

APRIL 7  
U. S. C. G. S.  
10.0N, 144.4E  
Caroline Islands region  
H = 06 21 38.4  
h = 50 km  
Mag 6  
Alert  
P 06 34 20  
Banff  
eP 06 34 29  
Penticton  
iP 06 34 17  
Resolute  
eP 06 34 27

APRIL 7  
U. S. C. G. S.  
15.2S, 177.6W  
Fiji Islands region  
H = 10 32 28.1  
h = 446 km  
Penticton  
eP 10 44 05

APRIL 7  
Mould Bay  
P 17 50 56

APRIL 7  
Penticton  
eP 18 49 18



DOMINION OBSERVATORIES

<p>APRIL 7 U. S. C. G. S. 36. 6N, 71. 4E Hindu Kush H = 22 14 46. 5 h = 105 km Mould Bay P 22 25 32 Resolute eP 22 25 41</p>	<p>APRIL 8 Resolute eP 04 05 52</p> <p>APRIL 8 Penticton eP 04 26 21</p> <p>APRIL 8 U. S. C. G. S. 20. 3S, 175. 7W Tonga Islands H = 05 15 03. 0 h = 70 km Penticton iP 05 27 33 d</p> <p>APRIL 8 Resolute eP? 13 14 21</p> <p>APRIL 8 Resolute i 18 30 19</p> <p>APRIL 8 Penticton eP 21 40 33</p> <p>APRIL 8 U. S. C. G. S. 15. 6N, 99. 6W Off coast of Mexico H = 21 50 28. 9 h = 48 km London P 21 56 52 Mould Bay P 22 00 45 Penticton iP 21 57 42 c Resolute eP 22 00 28 Shawinigan Falls eP 21 57 54</p>	<p>Victoria eP 21 57 47</p> <p>APRIL 8 U. S. C. G. S. 54. 8N, 165. 0W Unimak Island region H = 22 09 31. 4 h = 25 km Mould Bay P 22 15 17 Penticton eP 22 15 14 Resolute eP 22 16 05</p> <p>APRIL 9 Penticton eP 02 30 14</p> <p>APRIL 9 U. S. C. G. S. 18. 6N, 145. 5E Mariana Islands H = 04 14 23. 0 h = 200 km Alert iP 04 26 02 Mould Bay P 04 25 33 Penticton iP 04 26 07 Resolute eP 04 26 09 c</p> <p>APRIL 9 Resolute eP 06 12 10</p> <p>APRIL 9 Alert iP 07 38 22 Resolute eP 07 40 32</p>
<p>APRIL 7 U. S. C. G. S. 15. 0N, 60. 5W Windward Islands H = 23 04 12. 2 h = 77 km Alberni eP 23 14 27 Alert iP 23 15 02 c Banff eP 23 14 18 London P 23 10 43 Mould Bay iP 23 15 07 c Penticton iP 23 14 04 c Resolute eP 23 14 30 c Shawinigan Falls eP 23 10 44 Victoria eP 23 14 19</p> <p>APRIL 8 U. S. C. G. S. 51. 4N, 177. 8W Andreanof Islands H = 03 56 14. 4 h = 25 km Penticton iP 04 03 18 d</p>		

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<p>APRIL 9 Penticton eP 10 29 16</p> <p>APRIL 9 U. S. C. G. S. 8. 7N, 126. 5E Near coast of Mindanao, Philippine Islands H = 10 23 49. 9 h = 100 km Mould Bay P 10 36 28 Resolute eP? 10 36 56</p> <p>APRIL 9 Mould Bay P 17 39 41</p> <p>APRIL 9 U. S. C. G. S. 21. 0S, 177. 3W Fiji Islands region H = 20 15 45. 0 h = 630 km Penticton iP 20 27 28</p> <p>APRIL 9 U. S. C. G. S. 12. 8N, 124. 9E Near coast of Samar, Philippine Islands H = 22 33 29. 2 h = 44 km Mould Bay P 22 45 54 Resolute eP 22 46 23</p> <p>APRIL 9 Alberni eP 22 54 06</p>	<p>APRIL 10 U. S. C. G. S. 28. 6S, 68. 8W Chile-Argentine border H = 04 36 27. 5 h = 130 km Alberni eP 04 49 24 Banff eP 04 49 09 c Halifax eP 04 47 46 c London P 04 47 39 Penticton iP 04 49 12 c Shawinigan Falls eP 04 47 57 c Victoria eP 04 49 18</p> <p>APRIL 10 Resolute eP 05 06 05</p> <p>APRIL 10 U. S. C. G. S. 51. 1N, 157. 7E Near coast of Kamchatka H = 10 31 58. 5 h = 33 km Alberni eP 10 40 36 c Alert iP 10 40 16 c Banff eP 10 41 01 c Halifax iP 10 43 59 c Penticton iP 10 40 56 c Resolute eP 10 40 22 c i 10 40 36 Shawinigan Falls iP 10 43 31 c</p>	<p>APRIL 10 H = 10 56 25 Mag 1. 7 Victoria eP<sub>1</sub> 10 56 38. 5 eS<sub>1</sub> 10 56 48. 4 D = 81 km</p> <p>APRIL 10 Penticton eP 11 39 43</p> <p>APRIL 10 U. S. C. G. S. 37. 3S, 72. 6W Near coast of Chile H = 12 34 50. 8 h = 67 km Shawinigan Falls eP 12 47 17</p> <p>APRIL 10 Resolute eP 13 16 40</p> <p>APRIL 10 U. S. C. G. S. 44°09'N, 73°03'W Western Vermont felt in Vermont, New Hampshire, New York, and southern Quebec. Slight damage at Montpelier, Vt. H = 14 30 48. 2 h = 24 km Mag 5. 0 Cleveland 14 32 46 Lg 14 34 13 D = 752 km Fordham Pn 14 31 38 14 32 25 D = 374 km</p>
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DOMINION OBSERVATORIES

Alberni  
eP 23 31 11  
Alert  
P 23 33 53  
Mould Bay  
P 23 33 19  
Penticton  
iP 23 30 57 d  
Resolute  
eP 23 33 04  
Shawinigan Falls  
eP 23 30 23  
Victoria  
eP 23 31 02

Halifax  
eP 01 06 14 d  
Mould Bay  
iP 01 02 14 c  
Penticton  
eP 01 03 32  
Resolute  
eP 01 02 56 c  
Shawinigan Falls  
eP 01 05 41  
Victoria  
eP 01 03 22

Mould Bay  
P 05 25 37  
Penticton  
eP 05 26 57  
Resolute  
eP 05 26 20 c  
Victoria  
eP 05 25 51

APRIL 12  
U. S. C. G. S.  
37.7N, 20.0E  
Ionian Sea  
H = 00 01 45.4  
h = 25 km  
Mould Bay  
eP 00 12 14

APRIL 12  
Penticton  
eP 01 16 54  
Resolute  
eP 01 16 18

APRIL 12  
U. S. C. G. S.  
38.0N, 141.6E  
Off coast of Honshu  
Japan  
H = 07 00 52.3  
h = 125 km  
Resolute  
eP 07 10 56

APRIL 12  
Mould Bay  
P 00 27 00

APRIL 12  
49.1N, 122.9W  
Near Boundary Bay  
H = 03 39 12  
Mag 2  
Alberni  
eP<sub>1</sub> 03 39 38.2  
D = 140 km  
Penticton  
eP<sub>n</sub> 03 39 50.4  
D = 256 km

APRIL 12  
Resolute  
eP 16 32 46

APRIL 12  
U. S. C. G. S.  
38.2N, 142.3E  
Near coast of  
Honshu Japan  
H = 00 52 47.0  
h = 68 km  
Mag 7

Victoria  
eP<sub>1</sub> 03 39 26.9  
eS<sub>1</sub> 03 39 37.9  
D = 90 km

APRIL 12  
U. S. C. G. S.  
28.7S, 71.9W  
Near coast of Chile  
H = 16 36 08.4  
h = 34 km  
Penticton  
iP 16 48 58 d  
Shawinigan Falls  
eP 16 47 45 d

Alberni  
eP 01 03 16  
Alert  
iP 01 02 39  
iS 01 10 44  
L 01 17 16  
Banff  
eP 01 03 15

APRIL 12  
U. S. C. G. S.  
38.2N, 142.5E  
Near coast of  
Honshu Japan  
H = 05 16 05.0  
h = 26 km  
Alert  
P 05 26 04

APRIL 12  
Resolute  
eP 23 26 54

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APRIL 12  
Resolute  
eP? 23 33 29

Resolute  
eP 23 04 49 (c)

APRIL 14  
U. S. C. G. S.  
40.3N, 125.1W  
Off coast of California  
H = 07 53 17.1  
h = 25 km

APRIL 13  
U. S. C. G. S.  
38.4N, 119.2W  
California-Nevada  
border  
H = 15 38 47.3  
h = 25 km  
Mag 4 3/4  
Penticton  
eP 15 41 33

APRIL 14  
U. S. C. G. S.  
59.6N, 152.1W  
Kenai Peninsula  
H = 01 14 13.7  
h = 78 km  
Mould Bay  
P 01 18 43  
Penticton  
eP 01 18 48  
Resolute  
eP 01 19 36

Alberni  
eP 07 55 28  
Mould Bay  
P 08 00 19  
Penticton  
iP 07 55 32  
Resolute  
eP 08 00 28  
i 08 01 56  
Victoria  
eP 07 55 16

APRIL 13  
Penticton  
eP 18 01 03

APRIL 14  
H = 01 20 14  
Mag 2.1

APRIL 14  
Penticton  
eP 08 41 56

APRIL 13  
U. S. C. G. S.  
49.1N, 87.2E  
Kazakh S. S. R. - China  
border  
H = 18 35 58.3  
h = 28 km  
Alert  
iP 18 44 38  
Mould Bay  
P 18 45 14  
Penticton  
iP 18 48 02 c  
Resolute  
eP 18 45 39  
i 18 46 36  
Shawinigan Falls  
eP 18 48 23

Alberni  
iP<sub>1</sub> 01 20 32.0  
iS<sub>1</sub> 01 20 44.8  
D = 150 km  
Victoria  
iP<sub>1</sub> 01 20 23.3  
iS<sub>1</sub> 01 20 30.6  
D = 60 km

APRIL 14  
U. S. C. G. S.  
38.2N, 142.5E  
Off coast of  
Honshu Japan  
H = 16 50 05.8  
h = 53 km

APRIL 14  
Alberni  
eP 06 35 13  
Victoria  
eP 06 35 23

Alert  
P 17 00 02  
Mould Bay  
P 16 59 35  
Penticton  
iP 17 00 53  
Resolute  
eP 17 00 17 c  
i 17 00 48

APRIL 13  
U. S. C. G. S.  
37.8N, 142.8E  
Off coast of Honshu  
Japan  
H = 22 54 33.9  
h = 35 km

APRIL 14  
Penticton  
iP 07 00 54  
Victoria  
eP 07 00 24

APRIL 14  
75.3°N, 101.0°W  
South of Bathurst Island  
N. W. T.  
H = 18 40 23  
h = 25 km  
Mag 2.8

APRIL 14  
Victoria  
eP 07 36 30



DOMINICN OBSERVATORIES

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Mould Bay  
 P<sub>n</sub> 18 41 31.5  
 S<sub>n</sub> 18 42 20  
 Lg 18 42 47  
 D = 510 km  
 Resolute  
 P<sub>n</sub> 18 40 51.0  
 P<sub>1</sub> 18 40 54.2  
 i 18 41 06  
 S<sub>n</sub> 18 41 14.0  
 S<sub>1</sub> 18 41 17.9  
 i 18 41 24  
 D = 198 km

APRIL 14  
 U. S. C. G. S.  
 37.7N, 142.8E  
 Off coast of  
 Honshu, Japan  
 H = 18 42 56.9  
 h = 44 km  
 Mould Bay  
 P 18 52 30  
 Resolute  
 eP 18 53 12  
 i 18 53 54

APRIL 15  
 H = 01 28 35  
 Mag 2.2  
 Penticton  
 P<sub>n</sub> 01 29 16.1  
 S<sub>n</sub> 01 29 50.5  
 D = 280 km

APRIL 15  
 H = 02 35 30  
 Mag 2.4  
 Penticton  
 eP<sub>n</sub> 02 36 10.5  
 eS<sub>n</sub> 02 36 44.0  
 D = 274 km

APRIL 15  
 U. S. C. G. S.  
 36.2N, 140.6E  
 Honshu, Japan  
 H = 07 32 14.8  
 h = 123 km  
 Alert  
 P 07 42 19  
 Mould Bay  
 P 07 41 54  
 Penticton  
 eP 07 43 18  
 Resolute  
 eP 07 42 35 c  
 i 07 43 25

APRIL 15  
 U. S. C. G. S.  
 36.5N, 120.7W  
 California  
 H = 08 41 01.2  
 h = 25 km  
 Mag 4 1/4  
 Penticton  
 eP 08 44 10

APRIL 15  
 U. S. C. G. S.  
 13.7N, 120.6E  
 Philippine Islands  
 H = 11 35 21.1  
 h = 40 km  
 Mould Bay  
 P 11 47 46  
 Resolute  
 eP 11 48 13

APRIL 15  
 Penticton  
 eP 12 31 32

APRIL 15  
 Resolute  
 eP 14 16 14

APRIL 15  
 U. S. C. G. S.  
 2.7S, 11.6W  
 Ascension Island  
 region  
 H = 18 08 27.3  
 h = 25 km  
 Halifax  
 eP 18 19 18 d  
 Mould Bay  
 P 18 21 57  
 Resolute  
 i 18 21 29  
 Shawinigan Falls  
 eP 18 19 54

APRIL 15  
 U. S. C. G. S.  
 2.9S, 11.9W  
 Ascension Island  
 region  
 H = 18 45 17.4  
 h = 25 km  
 Alert  
 P 18 58 08  
 Halifax  
 iP 18 56 05 d  
 Resolute  
 i 18 58 21  
 Shawinigan Falls  
 eP 18 56 46

APRIL 15  
 U. S. C. G. S.  
 6.8S, 149.5E  
 New Britain  
 H = 20 28 48.9  
 h = 36 km  
 Resolute  
 eP' 20 46 37

APRIL 15  
 U. S. C. G. S.  
 56.6S, 26.2W  
 Sandwich Islands  
 H = 22 31 06.2  
 h = 25 km  
 Mould Bay  
 P' 22 50 30  
 Penticton  
 eP' 22 50 07  
 Resolute  
 eP' 22 50 (12)  
 i 22 50 22

APRIL 16  
 U. S. C. G. S.  
 38.2N, 20.4E  
 Ionian Sea  
 H = 00 15 15.7  
 h = 25 km  
 Mould Bay  
 P 00 25 42  
 Penticton  
 eP 00 27 55  
 Resolute  
 eP 00 25 20

APRIL 16  
 Resolute  
 eP? 01 18 37

APRIL 16  
 Mould Bay  
 P 06 00 01  
 Resolute  
 eP 06 00 41

APRIL 16  
 Resolute  
 eP 07 07 50

APRIL 16  
 U. S. C. G. S.  
 35.6N, 25.8E  
 Aegean Sea  
 H = 07 18 50.0  
 h = 25 km  
 Penticton  
 iP 07 31 52 d

APRIL 16  
 U. S. C. G. S.  
 10.5S, 161.6E  
 Solomon Islands  
 H = 11 35 08.8  
 h = 53 km  
 Penticton  
 eP 11 48 08

APRIL 16  
 Mould Bay  
 P 13 13 57  
 e 13 17 45  
 Penticton  
 eP 13 17 38

APRIL 16  
 U. S. C. G. S.  
 30.6N, 140.6E  
 South of Honshu,  
 Japan  
 H = 13 20 15.1  
 h = 176 km  
 Alberni  
 eP 13 31 14  
 Alert  
 iP 13 31 52 d  
 Banff  
 eP 13 31 39  
 Mould Bay  
 iP 13 30 27 d  
 Penticton  
 eP 13 31 03  
 Resolute  
 eP 13 31 06 d  
 Victoria  
 eP 13 31 20

APRIL 16  
 Resolute  
 eP? 19 09 16

APRIL 16  
 H = 20 02 00  
 Mag 2.2  
 Alberni  
 eP<sub>1</sub> 20 02 12.1  
 eS<sub>1</sub> 20 02 21.0  
 D = 73 km

APRIL 16  
 Alert  
 P 21 59 06  
 S 22 00 37  
 Resolute  
 eP 22 01 13  
 S 22 04 26

APRIL 17  
 Resolute  
 eP 01 59 06

APRIL 17  
 Mould Bay  
 P 02 13 44

APRIL 17  
 Penticton  
 iP 06 02 12 d

APRIL 17  
 U. S. C. G. S.  
 31.3N, 142.6E  
 South of Honshu,  
 Japan  
 H = 06 48 44.7  
 h = 23 km  
 Penticton  
 iP 07 00 07 c  
 Resolute  
 eP 06 59 43



DOMINION OBSERVATORIES

APRIL 17  
Mould Bay  
iP 07 16 51 c

APRIL 17  
U. S. C. G. S.  
54. 8N, 160. 7E  
Near coast of  
Kamchatka  
H = 07 51 09. 4  
h = 25 km

Alberni  
eP 07 59 22  
Penticton  
iP 07 59 42  
Resolute  
eP 07 58 57  
Victoria  
eP 07 59 31

APRIL 17  
U. S. C. G. S.  
42. 3N, 17. 3E  
Adriatic Sea  
H = 10 03 46. 9  
h = 25 km  
Alberni  
eP 10 16 12  
Halifax  
iP 10 13 27 d  
Mould Bay  
P 10 13 42  
Penticton  
iP 10 16 03 c  
Resolute  
eP 10 13 19 c  
Victoria  
eP 10 16 13

APRIL 17  
U. S. C. G. S.  
37. 8N, 19. 9E  
Ionian Sea  
H = 11 33 51. 0  
h = 25 km

Halifax  
eP 11 44 08. 5 d  
Mould Bay  
P 11 44 19  
Penticton  
iP 11 46 34  
Resolute  
eP 11 43 58  
Shawinigan Falls  
eP 11 44 36

APRIL 17  
U. S. C. G. S.  
26. 1N, 95. 1E  
East Pakistan  
H = 11 51 17. 6  
h = 153 km  
Resolute  
eP? 12 03 00

APRIL 17  
Resolute  
eP? 15 09 45  
APRIL 17  
Resolute  
eP? 16 07 02

APRIL 17  
Resolute  
eP? 16 10 29

APRIL 17  
Resolute  
eP 16 56 31

APRIL 17  
Penticton  
eP 17 25 43

APRIL 17  
U. S. C. G. S.  
42. 6S, 174. 0E  
South Island  
New Zealand  
H = 17 43 03. 4  
h = 25 km  
Resolute  
eP' 18 02 (14)  
i 18 02 27

APRIL 17  
U. S. C. G. S.  
36. 5N, 143. 5E  
Off coast of  
Honshu, Japan  
H = 18 49 24. 6  
h = 25 km  
Resolute  
eP 18 59 44

APRIL 17  
U. S. C. G. S.  
38. 4N, 142. 2E  
Near coast of  
Honshu, Japan  
H = 20 54 13. 4  
h = 110 km  
Alberni  
eP 21 04 47  
Alert  
iP 21 04 05 c  
Mould Bay  
P 21 03 38  
Penticton  
eP 21 04 56  
Resolute  
iP 21 04 21 c  
i 21 04 53  
Shawinigan Falls  
eP 21 07 05  
Victoria  
eP 21 04 52

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APRIL 17  
U. S. C. G. S.  
1. 5S, 14. 9W  
Mid-Atlantic Ocean  
H = 22 34 56. 7  
h = 25 km  
Alert  
P 22 47 41  
Halifax  
eP 22 45 25  
Mould Bay  
P 22 48 17  
Resolute  
eP 22 47 53  
Shawinigan Falls  
eP 22 46 08

APRIL 17  
Shawinigan Falls  
eP 23 06 37

APRIL 18  
Mould Bay  
P 04 46 51  
Penticton  
eP 04 44 18  
Resolute  
eP 04 46 28

APRIL 18  
Dominion Observatory  
77. 5N, 22 1/2W  
East coast of  
Greenland  
H = 08 03 22  
Mag 4. 3  
Alert  
iP<sub>n</sub> 08 05 20 d  
iS<sub>n</sub> 08 06 45  
Lg 08 07 25  
D = 925 km  
Mould Bay  
Lg 08 14 12  
D = 2170 km

Resolute  
eP<sub>n</sub> 08 07 12  
eS<sub>n</sub> 08 10 06  
D = 1825 km  
APRIL 18  
U. S. C. G. S.  
38. 1N, 20. 5E  
Ionian Sea  
H = 10 44 41. 3  
h = 25 km  
Resolute  
eP 10 54 48

APRIL 18  
U. S. C. G. S.  
31. 8N, 141. 6E  
South of Honshu,  
Japan  
H = 16 36 01. 3  
h = 65 km  
Resolute  
eP 16 46 53

APRIL 18  
Penticton  
eP 17 33 56

APRIL 18  
Penticton  
eP 17 34 30

APRIL 18  
U. S. C. G. S.  
10. 0S, 79. 0W  
Off coast of Peru  
H = 19 14 37. 2  
h = 39 km  
Alberni  
eP 19 25 57  
Alert  
P 19 27 46

Halifax  
iP 19 24 16. 5 d  
Mould Bay  
P 19 27 29  
Penticton  
iP 19 25 40 c  
Resolute  
eP 19 27 09  
Shawinigan Falls  
eP 19 24 17  
Victoria  
eP 19 25 48 c  
APRIL 18  
Penticton  
iP 19 53 54

APRIL 18  
On Lower Vancouver  
Island  
H = 22 50 27  
Mag 1. 6  
Alberni  
iP<sub>1</sub> 22 50 45. 4  
iS<sub>1</sub> 22 50 58. 4  
D = 112 km  
Victoria  
iP<sub>1</sub> 22 50 32. 0  
iS<sub>1</sub> 22 50 35. 5  
D = 29 km

APRIL 18  
H = 23 40 07  
Mag 2. 4  
Alberni  
eP<sub>1</sub> 23 40 31. 7  
eS<sub>1</sub> 23 40 50. 2  
D = 151 km

APRIL 18  
Penticton  
iP 23 49 00  
Resolute  
eP 23 50 08



DOMINION OBSERVATORIES

<p>APRIL 19 U. S. C. G. S. 38.5N, 20.5E Ionian Sea H = 02 05 59.4 h = 25 km Halifax eP 02 16 10 Mould Bay P 02 16 22 Penticton eP 02 18 40 Resolute eP 02 16 00</p>	<p>APRIL 19 Resolute eP? 05 54 57</p> <p>APRIL 19 Penticton eP 07 15 06</p> <p>APRIL 19 U. S. C. G. S. 38.2N, 142.7E Off coast of Honshu, Japan H = 08 09 27.1 h = 25 km Resolute eP 08 19 44</p> <p>APRIL 19 Penticton eP 08 21 13</p> <p>APRIL 19 U. S. C. G. S. 38.6N, 44.0E Eastern Turkey H = 11 55 27.3 h = 25 km Resolute eP? 12 06 (02)</p> <p>APRIL 19 Resolute eP? 12 16 13</p> <p>APRIL 19 Penticton eP 14 53 55</p>	<p>APRIL 19 U. S. C. G. S. 9.4S, 79.0W Off coast of Peru H = 20 18 20.5 h = 25 km Mould Bay P 20 31 14 Penticton iP 20 29 24 c Resolute eP 20 30 52 Shawinigan Falls eP 20 28 01</p> <p>APRIL 19 U. S. C. G. S. 15.8S, 168.0E New Hebrides Islands H = 22 15 20.9 h = 213 km Penticton iP 22 28 19 d Shawinigan Falls eP' 22 33 49</p> <p>APRIL 19 U. S. C. G. S. 69.8N, 138.6E Siberia, U. S. S. R. H = 23 16 04.1 h = 0 km Alberni eP 23 24 38 Alert P 23 21 55 Halifax iP 23 26 46 d Mould Bay iP 23 21 47 c Penticton iP 23 24 49 c Resolute eP 23 22 32 c Shawinigan Falls eP 23 26 25 c Victoria eP 23 24 48 c</p>
<p>APRIL 19 U. S. C. G. S. 9.8S, 78.9W Off coast of Peru H = 02 18 55.9 h = 23 km Alberni eP 02 30 18 Mould Bay P 02 31 52 Penticton iP 02 30 03 c Resolute eP 02 31 31 (c) i 02 31 46 Shawinigan Falls eP 02 28 39 Victoria eP 02 30 24</p> <p>APRIL 19 Resolute eP? 03 27 29</p> <p>APRIL 19 Penticton eP 05 26 13</p>		

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<p>APRIL 20 Penticton eP 01 29 10</p> <p>APRIL 20 H = 05 01 38 Mag 1.7 Penticton iP<sub>n</sub> 05 02 09.3 eS<sub>n</sub> 05 02 33.4 D = 197 km</p> <p>APRIL 20 Penticton eP 05 27 29</p> <p>APRIL 20 U. S. C. G. S. 20.6N, 72.2W Near coast of Haiti H = 05 47 55.3 h = 25 km Mag 6 1/2 Alberni eP 05 56 54 c Alert iP 05 58 16 Banff iP 05 55 56 c Halifax eP 05 53 22 c Mould Bay iP 05 58 05 c Penticton iP 05 56 28 c Resolute iP 05 57 30 c Shawinigan Falls iP 05 53 29 c Victoria eP 05 56 44 c iS 06 03 50</p> <p>APRIL 20 Penticton iP 10 18 05</p>	<p>APRIL 20 Resolute eP 13 10 15</p> <p>APRIL 20 Resolute eP 13 25 41</p> <p>APRIL 20 76.2°N, 90.8°W or 72.9°N, 97.0°W Near west Fiord, Devon Island or West coast of Prince of Wales Island, N. W. T. H = 14 21 15 h = 20 km Mag 2.4 Mould Bay P<sub>n</sub> 14 22 53.5 S<sub>n</sub> 14 24 05 D = 750 km Resolute eP<sub>n</sub> 14 21 46 iP<sub>1</sub> 14 21 49 i 14 22 11 S<sub>1</sub> 14 22 15 D = 210 km</p> <p>APRIL 20 Mould Bay P 17 16 56</p> <p>APRIL 20 Mould Bay P 17 16 56</p> <p>APRIL 20 Penticton iP 20 30 24 c</p> <p>APRIL 20 Mould Bay P 21 35 54 Penticton iP 21 36 22 d Resolute eP 21 36 (29)</p>	<p>APRIL 20 Penticton eP 23 45 11</p> <p>APRIL 21 Resolute eP 00 23 25</p> <p>APRIL 21 Mould Bay P 01 18 49</p> <p>APRIL 21 Mould Bay P 02 24 49 Penticton iP 02 22 00 c Resolute eP 02 24 28</p> <p>APRIL 21 Penticton eP 03 34 29</p> <p>APRIL 21 Penticton eP 03 43 01</p> <p>APRIL 21 Mould Bay P 06 59 03</p> <p>APRIL 21 Canadian Arctic H = 07 10 32.7 Mag 1.9 Resolute P<sub>1</sub> 07 11 01 S<sub>1</sub> 07 11 22.5 D = 176 km</p> <p>APRIL 21 Penticton eP 07 20 25</p>
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DOMINION OBSERVATORIES

Resolute eP 07 20 (49)

APRIL 21  
U. S. C. G. S.  
23.7S, 180.0  
Fiji Islands region  
H = 07 46 18.5  
h = 559 km  
Penticton  
iP 07 58 26 d

APRIL 21  
Penticton  
eP 18 50 31

APRIL 21  
Mould Bay  
P 20 19 25  
Penticton  
eP 20 18 16  
Resolute  
eP? 20 18 (48)

APRIL 21  
U. S. C. G. S.  
6.5S, 144.6E  
New Guinea  
H = 21 18 01.7  
h = 42 km  
Alberni  
eP 21 31 26  
Penticton  
eP 21 31 41  
Victoria  
eP 21 31 30

APRIL 21  
Penticton  
eP 21 37 23

APRIL 22  
Mould Bay  
P 01 14 26  
Penticton  
eP 01 12 17

APRIL 22  
U. S. C. G. S.  
18.9S, 169.5E  
New Hebrides Islands region  
H = 02 10 12.1  
h = 288 km  
Alberni  
eP 02 22 41  
Mould Bay  
P 02 23 45  
Penticton  
iP 02 22 54 c  
Shawinigan Falls  
eP' 02 28 37  
Victoria  
eP 02 22 42 c

APRIL 22  
U. S. C. G. S.  
44.2S, 72.6W  
Chile-Argentina border  
H = 04 29 39  
h = 120 km  
Mould Bay  
P' 04 48 22  
Resolute  
eP' 04 48 (13)

APRIL 22  
U. S. C. G. S.  
15.5N, 93.1W  
Near coast of Mexico  
H = 04 45 20.3  
h = 69 km  
Mag 5 1/4

Alberni  
eP 04 53 13 c  
Alert  
P 04 56 14  
Banff  
eP 04 52 50 c  
Halifax  
eP 04 52 58  
Mould Bay  
P 04 55 38  
Penticton  
iP 04 52 52 c  
Resolute  
eP 04 55 16 c  
Shawinigan Falls  
eP 04 52 11 d  
Victoria  
iP 04 53 02 c

APRIL 22  
Victoria  
eP 05 49 18

APRIL 22  
Resolute  
eP 07 21 56

APRIL 22  
H = 11 24 36  
Mag 1.8  
Penticton  
eP<sub>n</sub> 11 25 13.9  
eS<sub>n</sub> 11 25 45.1  
D = 255 km

APRIL 22  
Penticton  
eP 15 42 18

APRIL 22  
Mould Bay  
eP 16 56 11  
Resolute  
eP 16 55 49

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APRIL 22  
Penticton  
eP ~~18 54 32~~

APRIL 22  
Resolute  
eP 19 00 37  
i 19 00 46

APRIL 22  
U. S. C. G. S.  
32.3N, 130.3E  
Near coast of Kyushu Japan  
H = 19 15 29.7  
h = 185 km  
Alberni  
eP 19 26 54 c  
Alert  
iP 19 25 56 c  
Mould Bay  
iP 19 25 44 c  
Penticton  
iP 19 27 09 c  
Resolute  
iP 19 26 21 c  
Victoria  
eP 19 27 01 c

APRIL 22  
H = 19 48 21  
Mag 1.5  
Victoria  
eP<sub>1</sub> 19 48 29.1  
eS<sub>1</sub> 19 48 34.9  
D = 47 km

APRIL 23  
U. S. C. G. S.  
36.0N, 139.2E  
Honshu, Japan  
H = 03 54 38.4  
h = 115 km

Mould Bay  
P 04 04 23  
Resolute  
eP 04 05 04 c

APRIL 23  
Resolute  
eP 04 30 (20)

APRIL 23  
H = 04 45 11  
Penticton  
iP<sub>1</sub> 04 45 36.8  
iS<sub>1</sub> 04 45 56.6  
D = 162 km

APRIL 23  
Resolute  
i 05 20 23

APRIL 23  
U. S. C. G. S.  
42.9N, 143.4E  
Hokkaido, Japan  
H = 05 58 04.9  
h = 25 km  
Mag 7

Alberni  
iP 06 08 14 c  
Alert  
iP 06 07 33  
Banff  
iP 06 08 40 c  
Halifax  
iP 06 11 04 d  
Mould Bay  
iP 06 07 06 c  
Penticton  
iP 06 08 34 c  
Resolute  
iP 06 07 50 c  
Shawinigan Falls  
eP 06 10 43  
Victoria  
iP 06 08 22 c  
eS 06 16 44

APRIL 23  
Penticton  
eP 08 45 40

APRIL 23  
U. S. C. G. S.  
51.6N, 159.6E  
Off coast of Kamchatka  
H = 09 51 17.6  
h = 19 km  
Mould Bay  
P 09 58 41  
Resolute  
eP 09 59 33

APRIL 23  
Mould Bay  
P 12 01 12

APRIL 23  
Mould Bay  
P 15 29 15  
Penticton  
eP 15 26 28

APRIL 23  
U. S. C. G. S.  
51.6N, 159.6E  
Kamchatka  
H = 16 04 31.8  
h = 31 km  
Alert  
P 16 12 44  
Mould Bay  
P 16 11 55  
Penticton  
eP 16 13 08  
Resolute  
eP 16 12 47

APRIL 23  
Resolute  
eP 16 50 32



DOMINION OBSERVATORIES

APRIL 23  
Resolute  
eP 18 32 07

APRIL 23  
Resolute  
eP 19 41 59

APRIL 24  
H = 01 28 45  
Mag 1.6  
Penticton  
eP<sub>n</sub> 01 29 14.7  
eS<sub>n</sub> 01 29 37.6  
D = 188 km

APRIL 24  
Resolute  
eP? 03 45 (47)

APRIL 24  
Mould Bay  
P 07 18 13  
Resolute  
eP 07 19 06

APRIL 24  
Mould Bay  
P 09 47 39

APRIL 24  
U. S. C. G. S.  
37.4N, 71.1E  
Hindu Kush  
H = 14 19 53.8  
h = 32 km  
Mould Bay  
P 14 30 44  
Resolute  
eP 14 30 52

APRIL 24  
U. S. C. G. S.  
2.2S, 76.1W  
Ecuador-Peru  
border  
H = 16 06 33.7  
h = 175 km  
Alert  
P 16 19 18  
Mould Bay  
P 16 18 21  
Penticton  
iP 16 16 37 d  
Resolute  
eP? 16 18 (05)  
Shawinigan Falls  
iP 16 14 52 c

APRIL 24  
Canadian Arctic  
H = 17 23 54.8  
Mag 2.2  
Resolute  
P<sub>1</sub> 17 24 26.7  
S<sub>1</sub> 17 24 51.0  
D = 199 km

APRIL 24  
Mould Bay  
P 17 58 43  
Penticton  
iP 17 56 52 c

APRIL 24  
H = 22 15 21  
Mag 1.4  
Penticton  
eP<sub>n</sub> 22 15 51.3  
eS<sub>n</sub> 22 16 14.8  
D = 192 km

APRIL 25  
U. S. C. G. S.  
54.0N, 160.3E  
Kamchatka  
H = 03 28 56.1  
h = 29 km  
Alert  
P 03 36 49  
Mould Bay  
P 03 36 01  
Penticton  
iP 03 37 31 d  
Resolute  
eP 03 36 53 c

APRIL 25  
Mould Bay  
P 04 19 46  
Resolute  
eP 04 20 35

APRIL 25  
Resolute  
eP 06 02 05  
i 06 02 34

APRIL 25  
U. S. C. G. S.  
20.9S, 175.1W  
Tonga Islands  
H = 05 55 20.4  
h = 103 km  
Penticton  
eP 06 07 39

APRIL 25  
Penticton  
eP 06 29 49

APRIL 25  
U. S. C. G. S.  
38.4N, 142.5E  
Honshu, Japan  
H = 15 47 29.4  
h = 56 km

SEISMOLOGICAL BULLETIN - 1962

Alberni  
eP 15 57 57  
Alert  
iP 15 57 23 c  
Banff  
eP 15 58 23  
Mould Bay  
P 15 56 56  
Penticton  
iP 15 58 15  
Resolute  
eP 15 57 38 c  
Shawinigan Falls  
eP 16 00 21  
Victoria  
eP 15 58 05

APRIL 25  
Mould Bay  
P 18 50 04  
Resolute  
eP 18 49 37

APRIL 25  
Resolute  
eP 19 29 (26)

APRIL 25  
U. S. C. G. S.  
38.4N, 142.7E  
Honshu, Japan  
H = 19 49 57.3  
h = 120 km  
Alert  
P 19 59 48  
Penticton  
eP 20 00 40  
Resolute  
eP 20 00 03

APRIL 25  
Penticton  
iP 21 46 45 c

APRIL 25  
Dominion Observatory  
78.8N, 69.4W  
West coast of Greenland  
H = 23 56 30  
h = 20 km ?  
Mag 3.2  
Alert  
P<sub>n</sub> 23 57 30.5  
(P<sub>1</sub>) 23 57 40.5  
i 23 58 11  
S<sub>n</sub> 23 58 14  
S<sub>1</sub> 23 58 37  
D = 452 km  
Mould Bay  
Not recorded  
Resolute  
P<sub>n</sub> 23 58 11  
S<sub>n</sub> 23 59 24  
D = 785 km

APRIL 26  
U. S. C. G. S.  
17.8S, 179.1W  
Fiji Islands  
H = 07 26 31.3  
h = 689 km  
Alberni  
iP 07 37 49  
Alert  
P' 07 43 55  
Mould Bay  
P 07 39 12  
Penticton  
iP 07 38 02 c  
Resolute  
eP 07 39 35  
i 07 43 44  
Victoria  
eP 07 37 49 c

APRIL 26  
Resolute  
eP 09 14 09

APRIL 26  
U. S. C. G. S.  
5.8S, 147.3E  
Bismark Sea  
H = 02 44 10.8  
h = 68 km  
Mould Bay  
P 02 56 31

APRIL 26  
U. S. C. G. S.  
44.4N, 78.4E  
Kazakh, S. S. R.  
H = 03 11 33.8  
h = 25 km  
Mould Bay  
P 03 21 32 c  
Resolute  
eP 03 21 46

APRIL 26  
U. S. C. G. S.  
38.4N, 142.7E  
Honshu, Japan  
H = 19 49 57.3  
h = 120 km  
Alert  
P 19 59 48  
Penticton  
eP 20 00 40  
Resolute  
eP 20 00 03

APRIL 26  
U. S. C. G. S.  
44.4N, 78.4E  
Kazakh, S. S. R.  
H = 03 11 33.8  
h = 25 km  
Mould Bay  
P 03 21 32 c  
Resolute  
eP 03 21 46

APRIL 26  
Mould Bay  
P 16 01 41  
Resolute  
eP 16 02 34



DOMINION OBSERVATORIES

APRIL 26  
Penticton  
eP 23 10 06

APRIL 27  
Resolute  
eP? 13 53 21

APRIL 27  
Resolute  
eP 06 04 55

APRIL 27  
U. S. C. G. S.  
23. 1S, 179. 2E  
Fiji Islands region  
H = 06 30 24. 9  
h = 576 km  
Penticton  
eP 06 42 29  
e 06 44 35  
Resolute  
eP' 06 47 56

APRIL 27  
U. S. C. G. S.  
44. 4S, 74. 8W  
Southern Chile  
H = 06 47 27. 0  
h = 31 km  
Halifax  
eP 07 00 24. 5 c  
Mould Bay  
P' 07 06 25  
Resolute  
eP' 07 06 (15)  
Shawinigan Falls  
eP 07 00 30

APRIL 27  
Resolute  
eP? 08 59 51

APRIL 27  
Resolute  
eP? 12 11 (22)

APRIL 27  
Resolute  
eP? 13 53 21

APRIL 27  
Penticton  
eP 14 00 43

APRIL 27  
Resolute  
eP 14 55 09

APRIL 27  
Mould Bay  
P 16 13 51  
Resolute  
eP 16 14 11

APRIL 27  
U. S. C. G. S.  
33. 2S, 179. 3W  
Kermadec Islands region  
H = 16 28 18. 7  
h = 25 km  
Resolute  
eP' 16 47 03

APRIL 27  
U. S. C. G. S.  
40. 8N, 139. 5E  
Off coast of  
Honshu, Japan  
H = 17 19 14. 0  
h = 25 km  
Mould Bay  
P 17 28 31  
Resolute  
eP 17 29 13

APRIL 27  
H = 17 57 30  
Mag 2. 6  
Penticton  
iP<sub>n</sub> 17 58 05. 8  
iS<sub>n</sub> 17 58 34. 5  
D = 235 km

APRIL 27  
Resolute  
eP? 20 29 27

APRIL 27  
H = 23 58 45  
Mag 1. 7  
Penticton  
eP<sub>n</sub> 23 59 18. 4  
eS<sub>n</sub> 23 59 45. 5  
D = 222 km

APRIL 28  
Penticton  
eP 00 11 09

APRIL 28  
H = 01 23 22  
Mag 1. 8  
Victoria  
eP<sub>1</sub> 01 23 30. 5  
eS<sub>1</sub> 01 23 36. 6  
D = 50 km

APRIL 28  
Resolute  
eP? 02 13 (18)

APRIL 28  
Penticton  
eP 03 30 08

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APRIL 28  
U. S. C. G. S.  
43. 9N, 146. 3E  
Hokkaido, Japan  
H = 09 01 10. 5  
h = 155 km  
Penticton  
iP 09 11 10 c  
Resolute  
eP 09 10 29

APRIL 28  
Penticton  
iP 10 04 13 c

APRIL 28  
U. S. C. G. S.  
36. 4N, 26. 6E  
Dodecanese Islands  
H = 11 18 57. 4  
h = 40 km  
Alert  
P 11 28 19  
Banff  
eP 11 31 40  
Halifax  
iP 11 29 41 c  
Mould Bay  
P 11 29 39  
Penticton  
eP 11 31 35  
Resolute  
eP 11 29 22  
Shawinigan Falls  
eP 11 30 11

APRIL 28  
U. S. C. G. S.  
36. 3N, 26. 7E  
Dodecanese Islands  
H = 12 43 49. 1  
h = 48 km  
Alert  
P 12 53 10

Banff  
eP 12 56 30  
Halifax  
iP 12 54 31 d  
Mould Bay  
P 12 54 29  
Penticton  
iP 12 56 45  
Resolute  
eP 12 54 11  
S? 13 02 (41)  
Shawinigan Falls  
eP 12 55 01 d

APRIL 28  
Resolute  
eP? 15 28 (08)

APRIL 28  
Resolute  
eP 18 08 04

APRIL 28  
Penticton  
eP 20 03 01

APRIL 28  
Resolute  
eP 23 23 (11)

APRIL 29  
Canadian Arctic  
H = 00 30 54. 1  
Mag 1. 9  
Alert  
P<sub>1</sub> 00 31 02. 0  
S<sub>1</sub> 00 31 08. 0  
D = 49. 2 km

APRIL 29  
Penticton  
eP 06 11 30

APRIL 29  
U. S. C. G. S.  
18. 1S, 173. 9W  
Tonga Islands  
H = 07 05 36. 2  
h = 79 km  
Penticton  
eP 07 17 54

APRIL 29  
Resolute  
eP 08 37 52

APRIL 29  
Canadian Arctic  
H = 10 44 03. 2  
h = 8 km  
Mag 1. 9  
Resolute  
P<sub>n</sub> 10 44 38  
P<sub>1</sub> 10 44 40. 7  
S<sub>n</sub> 10 45 04. 5  
S<sub>1</sub> 10 45 09. 0  
D = 232 km

APRIL 29  
Mould Bay  
P 12 36 47

APRIL 29  
Penticton  
eP 13 18 04

APRIL 29  
Mould Bay  
P 14 47 37  
Resolute  
eP? 14 48 (29)



DOMINION OBSERVATORIES

APRIL 29  
Mould Bay  
P 23 14 56

APRIL 30  
U.S.C.G.S.  
Colombia-Venezuela border  
H = 07 48 46.2  
h = 130 km

APRIL 30  
U.S.C.G.S.  
38.8N, 140.9E  
Honshu, Japan  
H = 02 26 30.0  
h = 104 km

Alert  
iP 02 36 19 c

Alberni  
iP 02 37 00

Halifax  
eP 02 39 43.5 c

Mould Bay  
iP 02 35 55 c

Penticton  
iP 02 37 18 c

Resolute  
iP 02 36 37 c

Shawinigan Falls  
eP 02 38 (59) c

Victoria  
eP 02 37 07

APRIL 30  
Dominion Observatory  
78.7°N, 21.4°W  
Northeastern coast of Greenland  
H = 03 57 44.2  
Mag 4.9

Alert  
P<sub>n</sub> 03 59 33.8  
S<sub>n</sub> 04 00 53  
L<sub>g</sub> 04 01 40  
D = 850 km

Mould Bay  
P<sub>n</sub> 04 02 10  
04 05 31  
D = 2130 km

Resolute  
P<sub>n</sub> 04 01 30.8  
S<sub>n</sub> 04 04 23  
D = 1810 km

APRIL 30  
U.S.C.G.S.  
6.9N, 73.0W  
Colombia-Venezuela border  
H = 07 48 46.2  
h = 130 km

Alberni  
eP 07 58 45

Mould Bay  
P 08 00 08

Penticton  
iP 07 58 25

Resolute  
eP 07 59 39

Shawinigan Falls  
eP 07 55 (45) c

Victoria  
eP 07 58 36

APRIL 30  
U.S.C.G.S.  
17.9S, 176.1W  
Tonga Islands region  
H = 16 16 47.8  
h = 26 km

Penticton  
iP 16 29 17 d

Victoria  
eP 16 29 17 d

APRIL 30  
U.S.C.G.S.  
18.0S, 176.4W  
Fiji Islands region  
H = 18 31 06.6  
h = 135 km

Penticton  
iP 18 43 27 d

APRIL 30  
Resolute  
e 19 04 34

APRIL 30  
Mould Bay  
P 20 17 44

Resolute  
eP? 20 17 (27)  
i 20 17 36

APRIL 30  
U.S.C.G.S.  
6.4N, 124.0E  
Banda Sea  
H = 20 39 45.1  
h = 28 km

Mould Bay  
P 20 52 44

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Resolute  
iP 20 53 10

APRIL 30  
U.S.C.G.S.  
39.0N, 140.4E  
Honshu, Japan  
H = 22 41 40.7  
h = 124 km

Resolute  
eP 22 51 45 c

APRIL 30  
U.S.C.G.S.  
72.0N, 7.2E  
Svalbard region  
H = 23 50 33.5  
h = 25 km

Alert  
P 23 54 04

Mould Bay  
P 23 56 12

Resolute  
eP 23 55 48  
e 00 00 18  
i 00 04 09

MAY 1  
Penticton  
iP 00 13 36 c

MAY 1  
U.S.C.G.S.  
17.5N, 146.7E  
Mariana Islands  
H = 02 45 22.8  
h = 25 km

Mould Bay  
P 02 56 58

Resolute  
eP? 02 57 33

MAY 1  
Mould Bay  
P 03 03 43

Resolute  
eP 03 04 (19)

MAY 1  
U.S.C.G.S.  
5.8S, 125.5E  
Banda Sea  
H = 09 54 20.6  
h = 621 km

Alert  
P' 10 10 31

Mould Bay  
P' 10 11 39

Penticton  
eP' 10 13 10

Resolute  
eP' 10 11 11

MAY 1  
Resolute  
eP 20 33 36

MAY 1  
U.S.C.G.S.  
20.0S, 65.7E  
Mascarene Islands region  
H = 21 08 16.1  
h = 39 km

Resolute  
eP' 21 27 (15)

MAY 1  
Northeast of Seattle, Washington, U.S.A.  
H = 21 58 00  
Mag 1.9

Penticton  
eP<sub>n</sub> 21 58 31.8  
eS<sub>n</sub> 21 58 54.9  
D = 201 km

Victoria  
eP<sub>1</sub> 21 58 21.0  
eS<sub>1</sub> 21 58 37.7  
D = 128 km

MAY 1  
Penticton  
eP 22 04 02

MAY 1  
Resolute  
eP? 22 12 15

MAY 2  
U.S.C.G.S.  
55.9N, 156.1W  
Kodiak Island region  
H = 02 43 25.9  
h = 25 km

Alberni  
iP 02 47 59

Alert  
P 02 50 21

Banff  
eP 02 47 43

Mould Bay  
P 02 48 45

Penticton  
iP 02 48 28 c

Resolute  
eP 02 49 33

Victoria  
iP 02 48 11

MAY 2  
Mould Bay  
P 03 39 38

MAY 2  
H = 05 27 04  
Mag 1.3

Penticton  
eP<sub>1</sub> 05 27 26.2  
eS<sub>1</sub> 05 27 43.0  
D = 138 km



DOMINION OBSERVATORIES

MAY 2 U. S. C. G. S. 52.4N, 141.8E Near coast of Sakhalin H = 06 15 13.3 h = 25 km Mould Bay P 06 23 04 Resolute eP 06 23 51 c	Mould Bay P 10 28 50 Resolute eP 10 29 36	MAY 2 Penticton iP 18 48 34
MAY 2 U. S. C. G. S. 23.6S, 65.9W Argentina H = 08 56 29.0 h = 163 km Alberni eP 09 09 09 Banff eP 09 08 53 Halifax iP 09 07 14.5 d Penticton iP 09 08 57 d Resolute eP 09 09 56 d Shawinigan Falls iP 09 07 26 d Victoria iP 09 09 03 d	MAY 2 U. S. C. G. S. 14.5N, 120.2E Philippine Islands H = 11 05 13.5 h = 82 km Mould Bay P 11 17 30 Resolute eP 11 17 57	MAY 2 H = 18 59 54 Mag 2.4 Penticton eP <sub>n</sub> 19 00 36.2 eS <sub>n</sub> 19 01 11.4 D = 288 km
MAY 2 Resolute eP 09 26 15	MAY 2 U. S. C. G. S. 23.8S, 66.4W Argentina H = 12 33 08.1 h = 179 km Alberni eP 12 45 46 Banff eP 12 45 30 Halifax eP 12 43 51 d Penticton iP 12 45 34 d Resolute eP? 12 46 34 Victoria iP 12 45 40 d	MAY 2 Dominion Observatory 64.7°N, 86.6°W Roes Welcome Sound N. W. T. H = 19 45 51.5 Mag 4.9 Alert Not recorded Mould Bay P <sub>n</sub> 19 49 24 S <sub>n</sub> 19 52 01 L <sub>g</sub> 19 53 42 D = 1700 km Resolute P <sub>n</sub> 19 48 17 S <sub>n</sub> 19 50 02 L <sub>g</sub> 19 51 01 D = 1125 km
MAY 2 Resolute eP 10 18 47	MAY 2 Mould Bay P 18 13 31 Resolute eP 18 13 51 i 18 19 07	MAY 2 Penticton eP 19 57 54
MAY 2 U. S. C. G. S. 52.5N, 142.0E Sakhalin Island H = 10 21 05.9 h = 72 km	MAY 2 U. S. C. G. S. 26.3S, 177.7W South of Fiji Islands H = 20 43 53.8 h = 183 km Penticton eP 20 56 35	MAY 2 Penticton eP 19 57 54

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MAY 2 H = 22 49 14 Mag 1.6 Penticton eP <sub>1</sub> 22 49 42.6 eS <sub>1</sub> 22 50 04.0 D = 175 km	MAY 3 U. S. C. G. S. 8.2N, 82.8W Panama-Costa Rica border H = 03 12 14.7 h = 32 km Penticton eP 03 21 17	MAY 3 Mould Bay P 09 49 12
MAY 2 Resolute eP? 23 48 (45)	MAY 3 U. S. C. G. S. 29.1N, 115.5W Near coast of California H = 13 48 23.9 h = 25 km Mag 5 Mould Bay P 13 56 58 Penticton eP 13 52 49	MAY 3 U. S. C. G. S. 60.0S, 32.9W Sandwich Islands region H = 03 34 49.0 h = 20 km Alert P' 03 54 21 Banff eP' 03 53 57 Mould Bay P' 03 54 28 Penticton iP' 03 54 00 d Resolute eP' 03 54 12 e 04 21 24 Victoria eP' 03 54 01 c
MAY 3 H = 00 48 49 Mag 2.2 Penticton eP <sub>n</sub> 00 49 29.8 eS <sub>n</sub> 00 50 03.9 D = 279 km	MAY 3 U. S. C. G. S. 60.5S, 33.2W Sandwich Islands region H = 17 00 32.9 h = 33 km Mould Bay P' 17 20 09	MAY 3 U. S. C. G. S. 63.6N, 151.7W Alaska H = 22 49 11.9 h = 55 km
MAY 3 U. S. C. G. S. 42.6N, 144.6E Off coast of Hokkaido, Japan H = 02 37 56.6 h = 49 km Alberni eP 02 48 00 Alert P 02 47 22 Banff eP 02 48 27 Mould Bay P 02 46 53 Penticton iP 02 48 19 c Resolute iP 02 47 38 c i 02 47 53 Shawinigan Falls iP 02 50 33 d Victoria iP 02 48 09 d	MAY 3 Resolute eP 07 42 11	MAY 3 Penticton eP 09 01 16



DOMINION OBSERVATORIES

Mould Bay  
P 22 53 01  
Penticton  
iP 22 54 09  
Resolute  
eP 22 54 03

MAY 3  
Mould Bay  
P 23 10 59

MAY 3  
Resolute  
eP 23 35 49

MAY 4  
Mould Bay  
P 01 30 15

MAY 4  
H = 04 54 36  
Mag 2.3  
Penticton  
eP<sub>n</sub> 04 55 15.8  
eS<sub>n</sub> 04 55 49.2  
D = 274 km

MAY 4  
Penticton  
eP 05 16 31

MAY 4  
U. S. C. G. S.  
42.8N, 143.7E  
Hokkaido, Japan  
H = 05 48 29.3  
h = 37 km  
Mould Bay  
P 05 57 28  
Penticton  
iP 05 58 55 c  
Resolute  
eP 05 58 12 c

MAY 4  
Penticton  
iP 07 15 08 c

MAY 4  
Mould Bay  
P 10 21 59  
Resolute  
eP? 10 22 30

MAY 4  
Mould Bay  
P 10 46 07  
Penticton  
eP 10 47 29  
Resolute  
e 10 48 12

MAY 4  
U. S. C. G. S.  
51.2N, 176.6W  
Andreanof Islands  
H = 17 38 53.9  
h = 23 km  
Mould Bay  
P 17 45 33  
Penticton  
iP 17 45 56  
Resolute  
i 17 48 32

MAY 4  
H = 19 04 18  
Mag 1.7  
Penticton  
eP 19 04 47.8  
eS<sub>n</sub> 19 05 10.7  
D = 188 km

MAY 4  
Penticton  
eP 21 30 19

MAY 4  
Mould Bay  
P 23 20 07  
Penticton  
eP 23 18 06  
Resolute  
eP 23 19 45

MAY 5  
Mould Bay  
P 00 28 40

MAY 5  
H = 04 07 26  
Mag 1.8  
Penticton  
eP<sub>n</sub> 04 07 53.5  
eS<sub>n</sub> 04 08 14.5  
D = 172 km

MAY 5  
Penticton  
eP 05 43 29

MAY 5  
Penticton  
iP 06 14 03

MAY 5  
U. S. C. G. S.  
34.2N, 139.2E  
Near coast of  
Honshu, Japan  
H = 11 11 51.4  
h = 73 km  
Alberni  
eP 11 22 48  
Alert  
P 11 22 12  
Banff  
eP 11 22 24  
Mould Bay  
P 11 21 50  
Penticton  
iP 11 23 06

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Resolute  
eP 11 22 30  
Victoria  
iP 11 22 56 d

MAY 5  
Dominion Observatory  
73.8°N, 70.6°W  
Baffin Bay, N. W. T.  
H = 11 59 32.3  
Mag 3.5  
Mould Bay  
P<sub>n</sub> 12 01 42  
S<sub>n</sub> 12 03 13  
D = 990 km  
Alert  
P<sub>n</sub> 12 02 26  
S<sub>n</sub> 12 04 33  
D = 1385 km  
Resolute  
P<sub>n</sub> 12 01 05  
S<sub>n</sub> 12 02 12  
D = 710 km

MAY 5  
Resolute  
eP? 12 41 22

MAY 5  
Penticton  
eP 13 59 32

MAY 5  
Mould Bay  
P 16 48 35  
Penticton  
eP 16 48 55  
Resolute  
i 16 51 34

MAY 5  
Resolute  
eP 16 53 11 c

MAY 5  
Mould Bay  
P 16 55 31

MAY 5  
U. S. C. G. S.  
31.6S, 176.7W  
Kermadec Islands  
region  
H = 23 05 56.9  
h = 41 km  
Mould Bay  
P' 23 24 32  
Resolute  
eP' 23 24 41

MAY 5  
Resolute  
eP 23 51 41

MAY 6  
Penticton  
eP 04 11 22

MAY 6  
U. S. C. G. S.  
37.8S, 73.4W  
Near coast of Chile  
H = 05 20 59.6  
h = 25 km  
Shawinigan Falls  
eP 05 33 28

MAY 6  
Resolute  
eP 06 52 (09)

MAY 6  
Resolute  
eP 11 25 32 c

MAY 6  
U. S. C. G. S.  
20.8S, 178.7W  
Fiji Islands region  
H = 12 08 45.6  
Penticton  
iP 12 20 33 c

MAY 6  
Resolute  
eP 13 16 (18)

MAY 6  
Penticton  
eP 16 07 28

MAY 6  
U. S. C. G. S.  
60.0S, 32.8W  
Sandwich Islands  
region  
H = 19 00 10.2  
h = 25 km  
Mag 7.0  
Alberni  
eP' 19 19 23  
Alert  
iP' 19 19 39  
Banff  
eP' 19 19 06  
Halifax  
eP' 19 18 55  
Mould Bay  
P' 19 19 45  
e 19 39 31  
Penticton  
iP' 19 19 17  
e 19 39 03  
Resolute  
eP' 19 19 30



DOMINION OBSERVATORIES

Shawinigan Falls (P') 19 18 33 i 19 19 23 Victoria iP' 19 19 21	MAY 7 Penticton eP 00 30 05	MAY 7 Resolute eP 15 47 51
MAY 6 Mould Bay P 19 51 08	MAY 7 Penticton eP 03 30 06	MAY 7 Penticton eP 16 06 34
MAY 6 U.S.C.G.S. 60.2S, 33.1W Sandwich Islands region H = 21 53 48.5 h = 37 km Alert P' 22 13 17 Mould Bay P' 22 13 22 Penticton iP' 22 12 55 c Resolute eP' 22 13 (07) i 22 13 14	MAY 7 U.S.C.G.S. 19.3N, 145.4E Mariana Islands H = 08 07 56 h = 116 km Mould Bay P 08 19 08 Penticton eP 08 19 48 Resolute eP 08 19 49 i 08 20 11	MAY 7 U.S.C.G.S. 45.3N, 146.7E Kurile Islands H = 17 39 50.3 h = 25 km Mag 6 3/4 Alberni iP 17 49 35 c Alert eP 17 48 54 Banff eP 17 50 02 c Halifax eP 17 52 34 d Mould Bay P 17 48 23 Penticton iP 17 49 55 c Resolute eP 17 49 11 c Shawinigan Falls eP 17 52 12 c Victoria iP 17 49 43 c
MAY 6 U.S.C.G.S. 60.4S, 33.6W Sandwich Islands region H = 22 34 47.9 h = 34 km Mould Bay P' 22 54 20 Penticton eP' 22 53 50 Resolute eP' 22 54 07	MAY 7 Resolute eP 11 20 (02)	MAY 7 Penticton iP 19 14 41
MAY 6 Mould Bay P 23 41 55	MAY 7 U.S.C.G.S. 32.0S, 176.5W Kermadec Islands region H = 13 06 54.2 h = 25 km Resolute eP' 13 25 42	

SEISMOLOGICAL BULLETIN - 1962

MAY 7 U.S.C.G.S. 59.5S, 25.6W Sandwich Islands H = 19 03 32.1 h = 25 km Mould Bay P' 19 23 11 Penticton eP' 19 22 45 i 19 26 06 Resolute eP' 19 22 (56) i 19 26 34	Resolute eP 08 01 47	MAY 8 U.S.C.G.S. 33.6N, 72.3E West Pakistan H = 19 38 30.2 h = 49 km Mould Bay P 19 49 38
MAY 7 Resolute eP 20 19 11	MAY 8 Resolute eP 11 51 13	MAY 8 Mould Bay P 20 02 44 Penticton eP 20 02 13
MAY 7 Resolute eP 23 04 11	MAY 8 Resolute eP 13 44 07	MAY 8 H = 22 53 01 Mag 1.7 Penticton eP <sub>n</sub> 22 53 30.6 eS <sub>n</sub> 22 53 53.6 D = 189 km
MAY 8 Penticton eP 01 21 21	MAY 8 U.S.C.G.S. 43.8N, 144.4E Off coast of Honshu, Japan H = 16 25 12.0 h = 106 km Mould Bay P 16 33 52 Penticton iP 16 35 21 c Resolute eP 16 34 37	MAY 8 Mould Bay P 23 18 25 Resolute eP 23 19 05
MAY 8 Penticton eP 03 46 32	MAY 8 Mould Bay P 17 06 05 Resolute eP 17 06 56	MAY 8 U.S.C.G.S. 35.9N, 24.4E Sea of Crete H = 23 54 01.7 h = 93 km Banff eP 24 06 36 Mould Bay P 24 04 39 Penticton eP 24 06 50 Resolute eP 24 04 19 Shawinigan Falls eP 24 05 11
MAY 8 Penticton eP 07 43 27		
MAY 8 U.S.C.G.S. 14.4N, 145.1E Mariana Islands H = 07 49 27.9 h = 70 km Penticton eP 08 01 42		



DOMINION OBSERVATORIES

MAY 9  
 H = 00 09 16  
 Mag 1.2  
 Penticton  
 eP<sub>1</sub> 00 09 27.2  
 eS<sub>1</sub> 00 09 35.5  
 D = 68 km

MAY 9  
 Penticton  
 eP 02 47 30

MAY 9  
 U.S.C.G.S.  
 46.1N, 152.9E  
 Kurile Islands  
 H = 11 19 01.6  
 h = 56 km  
 Alberni  
 eP 11 28 15  
 Alert  
 P 11 28 56  
 Banff  
 eP 11 29 43  
 Mould Bay  
 P 11 27 17  
 Penticton  
 iP 11 28 35 c  
 Resolute  
 eP 11 28 05 c  
 i 11 32 48  
 Victoria  
 eP 11 28 23

MAY 9  
 Penticton  
 eP 11 41 56

MAY 9  
 U.S.C.G.S.  
 36.6N, 68.3E  
 Hindu Kush  
 H = 12 12 33.5  
 h = 96 km  
 Mould Bay  
 P 12 23 20  
 Penticton  
 iP 12 25 45  
 Resolute  
 eP? 12 23 31

MAY 9  
 Mould Bay  
 P 14 01 17

MAY 9  
 U.S.C.G.S.  
 30.2N, 130.3E  
 Ryukyu Islands  
 H = 18 20 06.0  
 h = 26 km  
 Mould Bay  
 P 18 30 53  
 Resolute  
 eP 18 31 29

MAY 9  
 H = 21 20 54  
 Mag 2.0  
 Penticton  
 eP<sub>1</sub> 21 21 19.8  
 eS<sub>1</sub> 21 21 39.2  
 D = 159 km

MAY 10  
 U.S.C.G.S.  
 62.0N, 150.1W  
 Alaska  
 H = 00 03 40.2  
 h = 72 km  
 Mag 6  
 Alberni  
 eP 00 07 58

Alert  
 iP 00 09 33 d  
 Banff  
 eP 00 08 25 c  
 Halifax  
 eP 00 12 32 d  
 Mould Bay  
 P 00 07 41  
 Penticton  
 iP 00 08 20 d  
 Resolute  
 eP 00 08 39 d  
 Shawinigan Falls  
 eP 00 11 48 d  
 Victoria  
 iP 00 08 11 c

MAY 10  
 U.S.C.G.S.  
 41.8S, 171.6E  
 New Zealand  
 H = 00 27 17.5  
 h = 54 km  
 Mould Bay  
 P' 00 46 11  
 Resolute  
 eP' 00 46 (21)  
 i 00 49 41

MAY 10  
 Penticton  
 eP 02 52 56

MAY 10  
 Mould Bay  
 P 04 49 57  
 Resolute  
 eP 04 50 (06)

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MAY 10  
 U.S.C.G.S.  
 52.4N, 170.9W  
 Fox Islands  
 H = 05 12 15.9  
 h = 43 km  
 Alberni  
 eP 05 18 16  
 Alert  
 iP 05 19 58 c  
 Banff  
 eP 05 18 55 d  
 Halifax  
 eP 05 22 57 d  
 Mould Bay  
 iP 05 18 34 c  
 Penticton  
 iP 05 18 44 d  
 Resolute  
 eP 05 19 24  
 Shawinigan Falls  
 iP 05 22 16 c  
 Victoria  
 iP 05 18 27 d

MAY 10  
 U.S.C.G.S.  
 53.0N, 159.8E  
 Near coast of  
 Kamchatka  
 H = 08 44 25.9  
 h = 154 km  
 Mould Bay  
 P 08 51 24  
 Penticton  
 iP 08 52 52 c  
 Resolute  
 eP 08 52 (16)

MAY 10  
 Mould Bay  
 P 09 54 53  
 Penticton  
 iP 09 55 18  
 Resolute  
 eP 09 55 46

MAY 10  
 H = 21 10 57  
 Mag 1.3  
 Penticton  
 eP<sub>1</sub> 21 11 13.4  
 eS<sub>1</sub> 21 11 25.8  
 D = 102 km

MAY 10  
 H = 22 54 50  
 Mag 1.5  
 Penticton  
 eP<sub>n</sub> 22 55 19.2  
 eS<sub>n</sub> 22 55 41.2  
 D = 180 km

MAY 11  
 Mould Bay  
 P 01 24 51

MAY 11  
 U.S.C.G.S.  
 6.6S, 147.7E  
 Near north of  
 New Guinea  
 H = 07 05 52.5  
 h = about 42 km  
 Shawinigan Falls  
 eP' 07 24 54

MAY 11  
 Mould Bay  
 P 11 16 32  
 Resolute  
 eP 11 15 46

MAY 11  
 U.S.C.G.S.  
 14.3S, 170.4E  
 New Hebrides Islands  
 region  
 H = 12 06 42.1  
 h = 623 km  
 Penticton  
 iP 12 18 30 d

MAY 11  
 Penticton  
 eP 12 58 40

MAY 11  
 U.S.C.G.S.  
 17.0N, 99.7W  
 Near coast of  
 Mexico  
 H = 14 11 51.9  
 h = 25 km  
 Mag 7

Alert  
 P 14 22 47

Mould Bay  
 iP 14 22 00 c

MAY 11  
 U.S.C.G.S.  
 6.6S, 147.7E  
 Near north of  
 New Guinea  
 H = 07 05 52.5  
 h = about 42 km  
 Shawinigan Falls  
 eP' 07 24 54

MAY 11  
 U.S.C.G.S.  
 16.5N, 98.6W  
 Near coast of Mexico  
 H = 16 11 33.2  
 h = about 25 km  
 Mould Bay  
 P 16 21 45  
 Penticton  
 iP 16 18 44

Resolute  
 eP? 16 21 32



DOMINION OBSERVATORIES

MAY 11  
H = 18 24 09  
Mag 0.8  
Penticton  
eP<sub>1</sub> 18 24 18.9  
eS<sub>1</sub> 18 24 26.2  
D = 60 km

MAY 11  
Penticton  
eP 17 47 30

MAY 11  
Alberni  
eP 20 06 20  
Banff  
eP 20 06 53  
Mould Bay  
iP 20 10 23 c  
Penticton  
iP 20 06 26  
Resolute  
iP 20 10 32 c  
Victoria  
iP 20 06 14 d

MAY 11  
Shawinigan Falls  
iP 20 10 01 c

MAY 12  
Alberni  
eP 19 03 27  
Banff  
eP 19 03 19  
Penticton  
eP 19 02 59  
Victoria  
eP 19 03 15 d

MAY 12  
Halifax  
eP 19 06 42

MAY 12  
Mould Bay  
P 19 07 31

MAY 12  
U. S. C. G. S.  
17.2N, 99.1W  
Near coast of  
Mexico  
H = 10 16 53.4  
h = about 25 km  
Mould Bay  
P 10 27 01  
Penticton  
iP 10 23 55 c

MAY 12  
Mould Bay  
P 13 46 01  
Penticton  
iP 13 46 23

MAY 12  
Victoria  
eP<sub>1</sub> 14 59 21

MAY 12  
U. S. C. G. S.  
17.7S, 178.2W  
Fiji Islands  
H = 20 35 45.1  
h = 600 km  
Penticton  
iP 20 47 17 d

MAY 12  
Dominion Observatory  
71.3°N, 70.6°W  
Baffin Bay, N.W.T.  
H = 23 10 41  
Mag 4.1  
Alert  
P<sub>n</sub> 23 13 22  
S<sub>n</sub> 23 15 20  
D = 1275 km  
Mould Bay  
Not recorded  
Resolute  
P<sub>n</sub> 23 12 30  
S<sub>n</sub> 23 13 49  
L<sub>g</sub> 23 14 34  
D = 850 km

MAY 13  
Mould Bay  
P 00 39 50

MAY 13  
Resolute  
eP 00 47 11

MAY 13  
U. S. C. G. S.  
6.9N, 73.0W  
Colombia  
H = 09 12 34.3  
h = about 183 km  
Alberni  
eP 09 22 29  
Alert  
iP 09 24 04 c  
Halifax  
eP 09 19 44 c  
Mould Bay  
iP 09 23 53 c  
Penticton  
iP 09 22 09  
Resolute  
eP 09 23 24 c  
Shawinigan Falls  
iP 09 19 53 c  
Victoria  
iP 09 22 21 d

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MAY 13  
Resolute  
eP? 11 44 03

MAY 13  
Mould Bay  
P 13 45 22

MAY 13  
Resolute  
eP 14 45 (33)

MAY 13  
U. S. C. G. S.  
39.0N, 140.8E  
Northern Honshu,  
Japan  
H = 18 48 55.3  
h = about 31 km  
Mould Bay  
P 18 58 24  
Resolute  
eP 18 59 06

MAY 13  
Mould Bay  
P 21 14 59

MAY 14  
U. S. C. G. S.  
9.0S, 118.7E  
Soembawa  
H = 10 33 25.5  
h = about 30 km  
Halifax  
eP' 10 53 02

MAY 14  
U. S. C. G. S.  
33.8N, 141.1E  
Off coast of  
Honshu, Japan  
H = 11 07 11.2  
h = about 157 km

Resolute  
eP 11 17 42 d

MAY 14  
U. S. C. G. S.  
46.3N, 149.8E  
Kurile Islands  
H = 13 57 49.4  
h = about 126 km  
Mould Bay  
P 14 05 59  
Resolute  
eP 14 06 46 d  
i 14 07 25  
i 14 07 59

MAY 14  
U. S. C. G. S.  
33.5N, 140.6E  
South of Honshu,  
Japan  
H = 21 06 52.7  
h = about 82 km  
Resolute  
eP 21 17 33

MAY 14  
U. S. C. G. S.  
51.5N, 176.2W  
Andreanof Islands,  
Aleutian Islands  
H = 22 07 39.3  
h = about 25 km  
Mould Bay  
P 22 14 14  
Penticton  
eP 22 14 35

MAY 14  
U. S. C. G. S.  
14.0S, 178.2W  
Fiji Islands region  
H = 23 23 08.6  
h = about 65 km  
Penticton  
iP 23 35 19 d

MAY 14  
H = 19 26 17  
Mag 2.6  
Penticton  
P<sub>n</sub> 19 27 01.4  
S<sub>n</sub> 19 27 39.6  
D = 313 km

MAY 14  
Penticton  
eP 20 05 09

MAY 14  
U. S. C. G. S.  
36.9N, 139.8E  
Northern Honshu,  
Japan  
H = 15 19 11.0  
h = about 80 km  
Mould Bay  
P 15 28 50  
Resolute  
eP 15 29 31

MAY 14  
U. S. C. G. S.  
49.0N, 28.8W  
North Atlantic Ocean  
H = 16 53 06.2  
h = about 25 km  
Mould Bay  
P 17 01 07  
Penticton  
eP 17 02 31  
Resolute  
eP 17 00 18  
Shawinigan Falls  
eP 16 59 08



DOMINION OBSERVATORIES

MAY 15  
H = 01 13 02  
Mag 1.5  
Penticton  
eP<sub>1</sub> 01 13 30.6  
eS<sub>1</sub> 01 13 52.2  
D = 177 km

MAY 15  
U.S.C.G.S.  
36.4N, 141.6E  
Near coast of  
Honshu, Japan  
H = 03 34 35.3  
h = about 77 km  
Resolute  
eP 03 44 56

MAY 15  
U.S.C.G.S.  
7.3S, 128.3E  
Banda Sea  
Mag 7 - 7 1/4 (PAS)  
7 1/2 (Brk)  
H = 05 23 45.9  
h = about 34 km  
Alert  
eP 05 37 48 c  
Halifax  
eP' 05 43 11 d  
Mould Bay  
P 05 37 38  
Penticton  
iP 05 38 20 d  
Resolute  
eP 05 38 07  
Shawinigan Falls  
eP' 05 42 58  
Victoria  
eP 05 37 36

MAY 15  
H = 09 50 58  
Mag 2.0  
Penticton  
eP<sub>n</sub> 09 51 42.8  
eS<sub>n</sub> 09 52 21.4  
D = 317 km

MAY 15  
U.S.C.G.S.  
7.2S, 128.2E  
Banda Sea  
H = 09 55 16.5  
h = about 30 km  
Shawinigan Falls  
eP' 10 14 31

MAY 15  
48°56'N, 122°08'W  
Near Mt. Baker,  
Washington, U.S.A.  
H = 09 55 23  
Mag 1.8  
Alberni  
eP<sub>1</sub> 09 55 54.1  
D = 192 km  
Penticton  
eP<sub>n</sub> 09 55 52.8  
eS<sub>n</sub> 09 56 14.4  
D = 181 km  
Victoria  
eP<sub>1</sub> 09 55 39.4  
eS<sub>1</sub> 09 55 51.5  
D = 100 km

MAY 15  
U.S.C.G.S.  
44.9N, 148.2E  
Kurile Islands  
H = 12 52 19.1  
h = about 36 km  
Penticton  
iP 13 02 19 c  
Resolute  
eP 13 01 40

MAY 15  
H = 13 53 17  
Mag 2.7  
Banff  
eP<sub>1</sub> 13 53 34  
eS<sub>1</sub> 13 53 47  
D = 107 km  
Penticton  
eP<sub>n</sub> 13 54 12  
D = 396 km

MAY 15  
U.S.C.G.S.  
53.2N, 164.7W  
Unimak Island region  
H = 16 16 19.1  
h = about 25 km  
Mould Bay  
P 16 22 15  
Resolute  
eP 16 23 05

MAY 15  
U.S.C.G.S.  
53.4N, 159.6E  
Near east coast of  
Kamchatka  
H = 19 32 22.5  
h = about 30 km  
Alberni  
eP 19 40 39  
Alert  
iP 19 40 19 c  
Banff  
eP 19 42 02  
Halifax  
eP 19 44 05.5 c  
Mould Bay  
iP 19 39 31 c  
Penticton  
iP 19 41 01 c  
Resolute  
eP 19 40 23 c  
i 19 42 11  
Shawinigan Falls  
eP 19 43 38 c  
Victoria  
eP 19 40 49

MAY 15  
U.S.C.G.S.  
53.5N, 164.0W  
Unimak Island region  
H = 20 33 29.3  
h = about 25 km  
Mould Bay  
P 20 39 21  
Penticton  
eP 20 39 13

SEISMOLOGICAL BULLETIN - 1962

Resolute  
eP 20 40 10

MAY 16  
Resolute  
eP 00 32 40

MAY 16  
Penticton  
eP 03 15 45

MAY 16  
U.S.C.G.S.  
13.6S, 167.3E  
New Hebrides Islands  
H = 05 16 46.0  
h = about 52 km  
Penticton  
iP 05 29 38 d

MAY 16  
U.S.C.G.S.  
0.9S, 127.0E  
Spice Islands  
H = 08 18 30.7  
h = about 34 km  
Shawinigan Falls  
SKP 08 41 03

MAY 16  
Mould Bay  
P 09 54 58

MAY 16  
Shawinigan Falls  
eP 14 30 55

MAY 16  
U.S.C.G.S.  
13.4S, 167.3E  
New Hebrides Islands  
H = 17 33 05.5  
h = about 35 km  
Alberni  
eP 17 45 44  
Penticton  
iP 17 46 00 d  
Victoria  
eP 17 45 47

MAY 16  
Penticton  
iP 19 06 10 d

MAY 16  
H = 19 49 31  
D = 252 km  
Penticton  
eP<sub>n</sub> 19 50 08.7  
eS<sub>n</sub> 19 50 39.5  
D = 252 km

MAY 16  
H = 20 12 50  
Mag 1.4  
Banff  
eP<sub>1</sub> 20 12 55.9  
eS<sub>1</sub> 20 13 00.1  
D = 34 km

MAY 16  
U.S.C.G.S.  
35.6S, 137.7E  
Near coast of  
southern Australia  
H = 21 41 35.8  
h = about 25 km  
Shawinigan Falls  
eP<sub>1</sub>' 22 01 38

MAY 16  
H = 23 44 16  
Mag 2.3  
Penticton  
P<sub>n</sub> 23 44 52.2  
S<sub>n</sub> 23 45 22.0  
D = 244 km

MAY 17  
U.S.C.G.S.  
41.9S, 171.5E  
Near coast of  
South Island, New  
Zealand  
H = 02 19 57.8  
h = about 41 km  
Mould Bay  
P' 02 38 53  
Resolute  
eP' 02 39 03

MAY 17  
Canadian Arctic  
H = 08 21 03.9  
Mag 1.5  
Mould Bay  
P<sub>1</sub> 08 21 13.5  
S<sub>1</sub> 08 21 20.8  
D = 60 km

MAY 17  
Mould Bay  
P 16 20 10  
Penticton  
iP 16 19 47 c  
Resolute  
eP 16 19 (55)  
i 16 20 02

MAY 18  
Penticton  
eP 00 57 13



DOMINION OBSERVATORIES

MAY 18  
U. S. C. G. S.  
21. 2S, 178. 8W  
Fiji Islands region  
H = 02 49 50. 4  
h = about 549 km  
Penticton  
iP 03 01 42 d

MAY 18  
U. S. C. G. S.  
29. 3S, 178. 4W  
Kermadec Islands  
H = 07 12 55. 0  
h = about 192 km  
Mould Bay  
P' 07 31 08  
Resolute  
eP' 07 31 17

MAY 18  
Canadian Arctic  
H = 09 22 45. 1  
Mag 1. 5  
Mould Bay  
P<sub>1</sub> 09 22 54. 7  
S<sub>1</sub> 09 23 02  
D = 60 km

MAY 18  
Mould Bay  
P 10 16 25

MAY 18  
U. S. C. G. S.  
48. 6N, 28. 7W  
North Atlantic  
Ocean  
H = 12 11 59. 8  
h = about 25 km  
Resolute  
eP 12 19 12  
Shawinigan Falls  
eP 12 18 06

MAY 18  
Mould Bay  
P 14 31 26  
Resolute  
eP 14 32 03

MAY 18  
U. S. C. G. S.  
46. 1N, 148. 5E  
Kurile Islands  
H = 18 46 40. 1  
h = about 60 km  
Halifax  
iP 18 59 15 d  
London  
iP 18 58 52 c  
Mould Bay  
P 18 55 02  
Penticton  
iP 18 56 32 c  
Resolute  
eP 18 55 50 c  
Shawinigan Falls  
eP 18 58 52 c

MAY 18  
U. S. C. G. S.  
16. 0S, 173. 0W  
Tonga Islands region  
H = 23 18 46. 9  
h = about 25 km  
Penticton  
iP 23 31 00 d

MAY 19  
Alberni  
eP 00 08 11  
Banff  
eP 00 08 53  
Victoria  
eP 00 08 05 d

MAY 19  
Penticton  
eP 03 49 03

MAY 19  
Penticton  
eP 06 34 02

MAY 19  
Penticton  
iP 09 02 22

MAY 19  
Penticton  
iP 10 23 08

MAY 19  
U. S. C. G. S.  
17. 2N, 99. 5W  
Near coast of  
Mexico  
H = 14 58 13. 3  
h = about 20 km  
Alberni  
iP 15 05 32 c  
Alert  
eP 15 09 05 c  
S 15 18 20

MAY 19  
Banff  
iP 15 05 16 c  
Halifax  
eP 15 05 56 c  
London  
eP 15 04 22 c  
Mould Bay  
P 15 08 21  
Penticton  
iP 15 05 15 c  
Resolute  
eP 15 08 03 c  
Shawinigan Falls  
iP 15 05 22 c  
Victoria  
eP 15 05 22 c

MAY 19  
Penticton  
eP 17 53 03

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MAY 19  
Penticton  
eP 19 33 11

MAY 19  
H = 20 27 44  
Mag 1. 3  
Penticton  
eP<sub>1</sub> 20 28 00. 0  
eS<sub>1</sub> 20 28 12. 1  
D = 99 km

MAY 19  
U. S. C. G. S.  
38. 2N, 22. 4E  
Greece  
H = 20 48 32. 1  
h = about 25 km  
Mould Bay  
P 20 59 01  
Penticton  
iP 21 01 15

MAY 19  
U. S. C. G. S.  
39. 5N, 73. 9E  
Sinkiang Province,  
China  
H = 20 50 09. 0  
h = about 45 km  
Mould Bay  
P 21 00 41  
Penticton  
iP 21 03 10 d  
Resolute  
eP 21 00 (52)

MAY 19  
U. S. C. G. S.  
13. 4S, 76. 7W  
Near coast of Peru  
H = 23 56 32. 4  
h = about 70 km

Shawinigan Falls  
iP 24 06 32 d  
Halifax  
eP 24 06 26  
Mould Bay  
iP 24 09 40 d  
Penticton  
iP 24 07 53 d  
Resolute  
eP 24 09 19 d

MAY 20  
48°41'N, 122°48'W  
H = 04 41 03  
Mag 2. 3  
San Juan Islands, U. S. A.  
Alberni  
eP<sub>1</sub> 04 41 30. 3  
D = 171 km  
Penticton  
eP<sub>n</sub> 04 41 40. 3  
D = 242 km  
Victoria  
eP<sub>1</sub> 04 41 11. 6  
eS<sub>1</sub> 04 41 18. 2  
D = 49 km

MAY 20  
Resolute  
eP 11 46 09

MAY 20  
Mould Bay  
P 12 52 57

MAY 20  
U. S. C. G. S.  
20. 5N, 66. 0W  
Off coast of  
Puerto Rico  
H = 15 01 20. 7  
h = about 38 km

Halifax  
eP 15 06 35  
London  
iP 15 06 50. 3 e  
Mould Bay  
P 15 11 37  
Penticton  
eP 15 10 52 ?  
Resolute  
eP 15 10 59  
Shawinigan Falls  
eP 15 06 52

MAY 20  
U. S. C. G. S.  
6. 2N, 125. 8E  
Near coast of  
Mindanao, Philippine  
Islands  
H = 16 49 46. 8  
h = about 133 km  
Mould Bay  
P 17 02 33  
Resolute  
eP 17 02 59 c  
Shawinigan Falls  
eP' 17 08 34

MAY 20  
Resolute  
e(P) 17 09 54

MAY 20  
Dominion Observatory  
79. 5°N, 92. 5°W  
Axel Heiberg, Island, N. W. T.  
H = 17 11 55. 2  
Mag 3. 5  
Alert  
P<sub>n</sub> 17 13 20  
S<sub>n</sub> 17 14 20. 5  
L 17 14 57  
D = 630 km



DOMINION OBSERVATORIES

Mould Bay P <sub>n</sub> 17 13 26.5 S <sub>n</sub> 17 14 34 D = 712 km Resolute P <sub>n</sub> 17 13 06 S <sub>n</sub> 17 14 00.5 L 17 14 28 D = 535 km	Alberni eP 12 15 37 Alert P 12 13 00 Banff eP 12 15 41 Halifax iP 12 16 23 d London eP 12 16 37.5 c Penticton iP 12 15 43 c Resolute eP 12 13 53 c PP 12 16 48 i 12 18 03 iS 12 22 59 S <sub>c</sub> S 12 23 58 SS 12 27 48 i 12 30 28 G 12 31 54 Shawinigan Falls eP 12 16 30 c Victoria eP 12 15 42 c	MAY 21 Penticton iP 13 12 40 MAY 21 U. S. C. G. S. 37. 0N, 95. 7E Chinghai Province, China H = 13 15 39. 4 h = about 25 km Alberni eP 13 28 26 Alert eP 13 25 50 Banff eP 13 28 51 Penticton iP 13 28 34 c Resolute eP 13 26 42 Shawinigan Falls eP 13 29 09 Victoria eP 13 28 31 c
MAY 20 Resolute eP 17 37 (27)		
MAY 21 Mould Bay P 01 15 31		
MAY 21 U. S. C. G. S. 19. 4N, 145. 6E Mariana Islands H = 01 54 06. 2 h = about 85 km Mould Bay P 02 05 24 Penticton eP 02 05 39 Resolute eP 02 06 01	MAY 21 Penticton iP 12 31 43 Resolute iP 12 30 57 c	MAY 21 Penticton iP 14 21 05
MAY 21 Resolute eP 03 37 50	MAY 21 U. S. C. G. S. 37. 0N, 95. 9E Chinghai Province, China H = 12 36 19. 7 h = about 25 km Alberni eP 12 49 04 Penticton iP 12 49 12 c Resolute eP 12 47 20 c Shawinigan Falls eP 12 49 47 Victoria eP 12 49 10 c	MAY 21 Penticton eP 14 54 58 MAY 21 U. S. C. G. S. 37. 1N, 95. 9E Chinghai Province, China H = 15 41 46. 8 h = about 36 km Alberni eP 15 54 29 Banff eP 15 54 35 Mould Bay P 15 52 22
MAY 21 U. S. C. G. S. 37. 3N, 96. 0E Chinghai Province, China Mag 7 - 7 1/4 (PAS) 6 1/2 - 6 3/4 (PAL) H = 12 02 50. 6 h = about 25 km		

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Penticton iP 15 54 37 Resolute eP 15 52 46 Victoria eP 15 54 34 c	MAY 21 U. S. C. G. S. 36. 7N, 95. 8E Chinghai Province, China H = 19 46 01. 2 h = about 35 km Alberni eP 19 58 46 Mould Bay P 19 56 35 Penticton iP 19 58 53 Resolute eP 19 57 02 Victoria eP 19 58 52	London iP 21 29 20. 5c Mould Bay P 21 28 45 Penticton iP 21 27 32 d Resolute eP 21 29 10 Shawinigan Falls eP 21 29 54 P' 21 33 28 Victoria eP 21 27. 20
MAY 21 Penticton eP 16 45 15		
MAY 21 Penticton eP 17 55 11		
MAY 21 U. S. C. G. S. 36. 9N, 96. 4E Chinghai Province, China H = 18 15 29. 9 h = about 35 km Penticton iP 18 28 24	MAY 21 U. S. C. G. S. 37. 1N, 95. 7E Chinghai Province, China H = 21 08 20. 6 h = about 25 km Resolute eP 21 19 20 i 21 21 31	MAY 21 U. S. C. G. S. 16. 8S, 174. 3W Tonga Islands H = 00 20 02. 4 h = about 52 km Penticton iP 00 32 16
MAY 21 U. S. C. G. S. 37. 4N, 95. 5E Chinghai Province, China H = 19 29 10. 0 h = about 25 km Mould Bay P 19 39 44 Penticton iP 19 42 00 Resolute eP 19 40 08	MAY 21 U. S. C. G. S. 20. 0S, 177. 5W Fiji Islands region H = 21 15 31. 0 h = about 379 km Mag 6 3/4 - 7 (PAS) Alberni eP 21 27 19 Alert eP 21 29 31 Banff eP 21 27 46 Halifax eP' 21 33 40. 5	MAY 22 U. S. C. G. S. 12. 3N, 144. 2E Mariana Islands H = 02 04 20. 3 h = about 52 km Mould Bay P 02 16 25 Penticton iP 02 16 52 Resolute eP 02 16 58



DOMINION OBSERVATORIES

MAY 22  
 U.S.C.G.S.  
 14.7S, 173.0W  
 Samoa Island  
 region  
 H = 02 20 10.4  
 h = about 46 km  
 Penticton  
 eP 02 31 54

Penticton  
 iP 08 19 19  
 Resolute  
 eP 08 20 27  
 Shawinigan Falls  
 eP' 08 25 13  
 Victoria  
 eP 08 19 06

MAY 22  
 U.S.C.G.S.  
 22.7N, 121.5E  
 Off southeast  
 coast of Formosa  
 H = 06 17 05.4  
 h = about 25 km  
 Resolute  
 eP 06 29 16

MAY 22  
 Mould Bay  
 P 11 01 10  
 Resolute  
 eP 11 02 (07)

MAY 22  
 Mould Bay  
 P 07 49 50

MAY 22  
 U.S.C.G.S.  
 37.2N, 95.7E  
 Chinghai Province,  
 China  
 H = 11 02 33.9  
 h = about 25 km  
 Alberni  
 eP 11 15 17  
 Banff  
 eP 11 15 22

MAY 22  
 U.S.C.G.S.  
 12.3S, 166.6E  
 Santa Cruz Islands  
 H = 08 06 38.4  
 h = about 151 km  
 Mag 6 1/2 - 6 3/4 (PAS)  
 5 3/4 - 6 (PAL)  
 Alberni  
 eP 08 19 05  
 Alert  
 P 08 20 41  
 Banff  
 eP 08 19 32  
 Halifax  
 iP' 08 25 27 d  
 London  
 eP' 08 25 03  
 Mould Bay  
 P 08 20 01

MAY 22  
 U.S.C.G.S.  
 37.2N, 95.7E  
 Chinghai Province,  
 China  
 H = 11 02 33.9  
 h = about 25 km  
 Alberni  
 eP 11 15 17  
 Banff  
 eP 11 15 22  
 Mould Bay  
 P 11 13 11  
 Penticton  
 iP 11 15 25  
 Resolute  
 eP 11 13 34  
 Victoria  
 eP 11 15 23

MAY 22  
 H = 17 38 26  
 Mag 1.8  
 Penticton  
 eP<sub>1</sub> 17 38 36.6  
 eS<sub>1</sub> 17 38 44.5  
 D = 64 km

MAY 22  
 U.S.C.G.S.  
 37.1N, 95.5E  
 Chinghai Province,  
 China  
 H = 17 57 03.6  
 h = about 35 km  
 Penticton  
 iP 18 09 54

MAY 22  
 H = 18 48 43  
 Mag 2.5  
 Penticton  
 eP<sub>n</sub> 18 49 25.4  
 eS<sub>n</sub> 18 50 01.0  
 D = 291 km

MAY 22  
 H = 21 48 45  
 Mag 1.8  
 Penticton  
 eP<sub>n</sub> 21 49 18.5  
 eS<sub>n</sub> 21 49 45.3  
 D = 219 km

MAY 22  
 U.S.C.G.S.  
 5.5S, 152.0E  
 New Britain  
 H = 22 03 36.0  
 h = about 100 km  
 Alberni  
 eP 22 16 28  
 Banff  
 eP 22 16 54  
 Mould Bay  
 P 22 16 50  
 Penticton  
 iP 22 16 42  
 Resolute  
 eP? 22 17 19  
 Shawinigan Falls  
 eP' 22 22 26  
 Victoria  
 eP 22 16 31 c

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MAY 22  
 Penticton  
 iP 22 24 39

MAY 23  
 U.S.C.G.S.  
 37.1N, 96.0E  
 Chinghai Province,  
 China  
 H = 01 42 12.2  
 h = about 50 km

MAY 23  
 Resolute  
 eP 20 44 34

MAY 22  
 Penticton  
 eP 23 18 46

Alberni  
 eP 01 54 56

MAY 23  
 U.S.C.G.S.  
 48.2S, 119.4E

MAY 22  
 U.S.C.G.S.  
 36.8N, 96.0E  
 Chinghai Province,  
 China  
 H = 23 29 14.0  
 h = about 25 km

Banff  
 eP 01 54 59

About 1200 miles  
 south of Australia  
 H = 20 48 03.3  
 h = about 25 km

Alberni  
 eP 23 42 01

Mould Bay  
 P 01 52 49

Mould Bay  
 P' 21 07 41  
 Resolute  
 eP' 21 07 59 d

Mould Bay  
 P 23 39 53

Penticton  
 iP 01 55 03 c

MAY 23  
 U.S.C.G.S.  
 49.1S, 121.3E

Penticton  
 iP 23 42 07

Resolute  
 eP 01 53 12

About 1200 miles  
 south of Australia  
 H = 21 04 19.1  
 h = about 25 km

Resolute  
 eP 23 40 17

Victoria  
 eP 01 55 01 d

Mould Bay  
 P' 21 23 49  
 Resolute  
 eP' 21 24 06

Victoria  
 eP 23 42 06 c

MAY 23  
 U.S.C.G.S.  
 5.4S, 152.0E

MAY 22  
 Penticton  
 iP 23 48 07 d

New Britain  
 H = 06 43 28.0  
 h = about 70 km

MAY 24  
 Resolute  
 eP 01 25 28

MAY 23  
 U.S.C.G.S.  
 37.2N, 95.8E

Banff  
 eP 06 47 22

MAY 24  
 U.S.C.G.S.  
 5.4S, 151.9E

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

Penticton  
 iP 06 47 11

New Britain  
 H = 02 11 35.8  
 h = about 55 km

MAY 23  
 U.S.C.G.S.  
 37.2N, 95.8E

Alberni  
 eP 01 05 51

Mould Bay  
 P 02 24 56

MAY 23  
 U.S.C.G.S.  
 37.2N, 95.8E

Mould Bay  
 P 01 03 40

Penticton  
 iP 02 24 48

MAY 23  
 U.S.C.G.S.  
 37.2N, 95.8E

Resolute  
 eP 09 13 29

MAY 23  
 U.S.C.G.S.  
 37.2N, 95.8E

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

Kermadec Islands  
 region  
 H = 08 19 00.7  
 h = about 363 km

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

Penticton  
 iP 08 31 28

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W

MAY 23  
 U.S.C.G.S.  
 25.4S, 179.3W



DOMINION OBSERVATORIES

MAY 24  
U.S.C.G.S.  
49.1N, 129.4W  
Vancouver Island  
region  
H = 04 24 49.8  
h = about 25 km  
Alberni  
P<sub>n</sub> 04 25 35.1  
D = 300 km  
Banff  
eP<sub>n</sub> 04 27 02  
Mould Bay  
iP 04 30 35 d  
Penticton  
iP 04 26 19  
Resolute  
eP 04 30 52  
Victoria  
eP 04 25 49 d

MAY 24  
H = 18 24 33  
Mag 1.2  
Penticton  
eP<sub>1</sub> 18 24 55.4  
eS<sub>1</sub> 18 24 59.4  
D = 33 km

MAY 24  
Dominion Observatory  
76.7°N, 91.8°W  
Near Devon Island,  
N.W.T.  
H = 20 39 33.8  
h = 23 km  
Mag 3.9  
Alert  
P<sub>n</sub> 20 41 27.5  
S<sub>n</sub> 20 42 51.0  
D = 888 km  
Mould Bay  
P<sub>n</sub> 20 41 06.3  
S<sub>n</sub> 20 42 14.2  
D = 715 km  
Resolute  
P<sub>n</sub> 20 40 08.8  
P<sub>1</sub> 20 40 14.0  
S<sub>n</sub> 20 40 33.5  
S<sub>1</sub> 20 40 40.5  
D = 243 km

MAY 24  
H = 14 10 28  
Aftershock of previous  
earthquake  
Alberni  
eP 14 11 10.9  
Banff  
eP 14 12 38  
Penticton  
iP 14 11 56  
Victoria  
eP 14 11 26

MAY 25  
U.S.C.G.S.  
58.6N, 31.5W  
South of Greenland  
H = 00 48 57.1  
h = about 25 km  
Alert  
P 00 54 23  
Mould Bay  
P 00 55 38  
Penticton  
eP 00 57 40  
Resolute  
eP 00 54 47  
Shawinigan Falls  
eP 00 54 46

MAY 25  
Resolute  
eP 01 12 58

MAY 25  
U.S.C.G.S.  
5.6S, 152.2E  
New Britain  
H = 01 09 58.1  
h = about 25 km  
Penticton  
iP 01 23 11

MAY 25  
Penticton  
iP 04 02 01

MAY 25  
Mould Bay  
P 09 38 26  
Resolute  
eP 09 39 00

MAY 25  
U.S.C.G.S.  
5.4S, 151.7E  
New Britain  
H = 09 40 33.9  
h = about 129 km  
Penticton  
iP 09 53 31

MAY 25  
Penticton  
iP 11 35 59

SEISMOLOGICAL BULLETIN - 1962

MAY 25  
U.S.C.G.S.  
38.0N, 95.9E  
Chinghai Province,  
China  
H = 11 35 07.6  
h = about 25 km  
Mould Bay  
P 11 45 40  
Penticton  
iP 11 47 55 c  
Resolute  
eP 11 46 03

MAY 25  
U.S.C.G.S.  
2.5S, 79.1W  
Ecuador  
H = 14 49 11.2  
h = about 79 km  
Mould Bay  
P 15 01 23  
Penticton  
iP 14 59 28

MAY 25  
U.S.C.G.S.  
24.3S, 65.2W  
Jujuy Province,  
Argentina  
H = 21 28 28.1  
h = about 69 km  
Banff  
eP 21 41 11  
Penticton  
iP 21 41 15  
Shawinigan Falls  
eP 21 39 51

MAY 25  
H = 22 15 14  
Mag 2.0  
Victoria  
iP<sub>1</sub> 22 15 25.8  
iS<sub>1</sub> 22 15 34.8  
D = 73 km

MAY 25  
Penticton  
eP 23 03 10

MAY 25  
Resolute  
eP 23 43 27

MAY 26  
U.S.C.G.S.  
19.7S, 178.0W  
Fiji Islands  
H = 02 13 04.8  
h = about 600 km  
Penticton  
iP 02 24 45

MAY 26  
Penticton  
eP 02 47 33

MAY 26  
Penticton  
eP 03 52 02

MAY 26  
H = 03 52 17  
Banff  
eP<sub>n</sub> 03 53 00  
eS<sub>n</sub> 03 53 37  
D = 302 km

MAY 26  
Mould Bay  
P 09 41 53  
Penticton  
iP 09 42 23 d

MAY 26  
Penticton  
eP 10 04 26

MAY 26  
Mould Bay  
P 10 41 09

MAY 26  
Mould Bay  
P 12 12 00

MAY 26  
Penticton  
eP 13 56 51

MAY 26  
U.S.C.G.S.  
6.7N, 94.6E  
Nicobar Islands  
H = 19 44 17.5  
h = about 60 km  
Mould Bay  
iP 19 57 35 c  
Penticton  
eP 19 59 43  
Resolute  
eP 19 57 53  
Shawinigan Falls  
eP' 20 03 15

MAY 26  
Alert  
iP 20 57 15 c

MAY 27  
U.S.C.G.S.  
31.7N, 115.6W  
Baja California  
Norte  
H = 01 45 34.7  
h = about 25 km  
Mag 5 1/2 (PAS)  
Penticton  
iP 01 49 46



DOMINION OBSERVATORIES

MAY 27  
Penticton  
eP 06 44 54

MAY 27  
U.S.C.G.S.  
41.4S, 80.6E  
Kerguelen Islands  
region  
H = 14 33 03.7  
h = about 25 km  
Resolute  
eP' 14 52 42  
i 14 52 49

MAY 27  
Mould Bay  
P 17 14 53  
Resolute  
i 17 15 34

MAY 28  
U.S.C.G.S.  
42.7N, 144.5E  
Hokkaido Japan  
H = 01 19 52.3  
h = about 18 km  
Resolute  
eP 01 29 35

MAY 28  
U.S.C.G.S.  
16.4N, 120.4E  
Luzon, Philippine  
Islands  
H = 02 48 13.1  
h = about 25 km  
Mould Bay  
P 03 00 26

MAY 28  
Mould Bay  
P 05 07 14

MAY 28  
U.S.C.G.S.  
31.1N, 140.9E  
South of Honshu,  
Japan  
H = 10 09 57.6  
h = about 158 km  
Mould Bay  
P 10 20 08  
Resolute  
eP 10 20 48

MAY 28  
U.S.C.G.S.  
31.3S, 68.3W  
San Juan Province,  
Argentina  
H = 23 49 01.0  
h = about 94 km  
Halifax  
iP 24 00 38.5d  
London  
iP 24 00 32 c  
Penticton  
iP 24 02 01 d  
Shawinigan Falls  
iP 24 00 48 d

MAY 29  
Penticton  
eP 17 39 34

MAY 29  
Penticton  
eP 19 21 52

MAY 29  
H = 21 11 59  
Mag 2.0  
Alberni  
P<sub>1</sub> 21 12 17.8  
S<sub>1</sub> 21 12 29.7  
D = 119 km

Victoria  
P<sub>1</sub> 21 12 03.5  
S<sub>1</sub> 21 12 07.1  
D = 30 km

MAY 29  
51.8N, 177.1W  
Andreanof Islands,  
Aleutian Islands  
H = 21 00 16.4  
h = about 25 km  
London  
eP 21 10 22 c  
Mould Bay  
P 21 06 51  
Penticton  
iP 21 07 15 c  
Resolute  
eP 21 07 (42)  
i 21 09 51  
Shawinigan Falls  
eP 21 10 39

MAY 29  
Mould Bay  
P 21 13 13

MAY 29  
U.S.C.G.S.  
26.3S, 113.7W  
Easter Island region  
H = 21 52 50.0  
h = about 25 km  
Penticton  
iP 22 04 36  
Shawinigan Falls  
eP 22 05 12

MAY 29  
U.S.C.G.S.  
38.1N, 20.9E  
Ionian Sea  
H = 23 44 16.1  
h = about 25 km  
Shawinigan Falls  
(P<sub>c</sub>P) 23 55 47

SEISMOLOGICAL BULLETIN - 1962

MAY 30  
Puget Sound, U.S.A.  
47.5°N, 122.5°W  
H = 03 36 23  
Mag 2.2  
Alberni  
P<sub>n</sub> 03 37 01.6  
D = 264 km  
Penticton  
eP 03 37 05.0  
D = 291 km  
Victoria  
P<sub>1</sub> 03 36 41.8  
S<sub>1</sub> 03 36 56.3  
D = 119 km

MAY 30  
U.S.C.G.S.  
44.6N, 129.5W  
Off northern coast  
of California  
H = 04 57 46.2  
h = about 25 km  
Victoria  
P 04 58 47  
Penticton  
S 05 00 15

MAY 30  
Mould Bay  
P 05 04 58

MAY 30  
Mould Bay  
P 05 15 46

MAY 30  
Canadian Arctic  
H = 05 16 59.0  
Mag 2.4  
Resolute  
P<sub>1</sub> 05 17 07.5  
S<sub>1</sub> 05 17 14  
D = 53.2 km

MAY 30  
U.S.C.G.S.  
8.9S, 106.1W  
About 1500 miles  
southwest of  
Galapagos Islands  
H = 09 16 14.9  
h = about 25 km  
Mould Bay  
P 09 28 51

MAY 30  
U.S.C.G.S.  
30.3N, 42.4W  
North Atlantic Ocean  
H = 10 02 52.2  
h = about 25 km  
Mag 5 (PAL)

Alert  
P 10 12 09  
Halifax  
eP 10 07 46 d  
London  
eP 10 09 23.5 c  
Mould Bay  
P 10 12 42  
Penticton  
iP 10 12 49  
Resolute  
e 10 19 21  
Shawinigan Falls  
eP 10 08 47  
Victoria  
eP 10 13 15

MAY 30  
Penticton  
iP 16 46 17 c

MAY 30  
Penticton  
iP 21 19 23 d

MAY 31  
Penticton  
eP 01 23 40

MAY 31  
Banff  
eP 01 25 22

MAY 31  
Mould Bay  
P 02 09 08

MAY 31  
U.S.C.G.S.  
7.7N, 124.0E  
Mindanao, Philippine  
Islands  
H = 05 11 17.6  
h = about 40 km  
Mould Bay  
P 05 24 06

MAY 31  
U.S.C.G.S.  
22.1N, 142.6E  
Volcano Island region  
H = 06 28 26.2  
h = about 257 km  
Mag 6 1/2 (PAS)

Alberni  
P 06 39 43  
Alert  
iP 06 39 41 c  
Banff  
eP 06 40 09  
London  
P' 06 46 19  
Mould Bay  
P 06 39 14  
Penticton  
iP 06 39 59 c  
Resolute  
eP 06 39 51  
i 06 41 57  
S 06 49 15





DOMINION OBSERVATORIES

Shawinigan Falls eP' 06 46 17 Victoria iP 06 39 48 c	Banff eP 06 56 30 Penticton iP 06 56 34 c Victoria eP 06 56 45 d	JUNE 2 Penticton iP 06 50 21
MAY 31 Penticton iP 12 44 50	JUNE 1 London P 11 12 45	JUNE 2 Mould Bay P 09 19 10
MAY 31 U.S.C.G.S. 38.2S, 72.7W Central Chile H = 21 19 04.0 h = about 25 km Shawinigan Falls eP 21 31 34	JUNE 1 U.S.C.G.S. 21.6S, 63.7W Southern Bolivia H = 13 07 20.1 h = about 128 km Penticton iP 13 19 48 d Victoria eP 13 19 56 c	JUNE 2 U.S.C.G.S. 50.2N, 129.1W Vancouver Island region H = 11 49 49.0 h = about 25 km Alberni eP 11 50 35 Penticton iP 11 51 24 d Victoria eP 11 50 53
MAY 31 H = 23 37 14 Mag 2.1 Penticton eP <sub>n</sub> 23 37 53.7 eS <sub>n</sub> 23 38 26.3 D = 268 km	JUNE 1 Penticton iP 21 48 28 Mould Bay P 21 51 10	JUNE 2 Penticton eP 12 07 33 Victoria eP 12 07 03
JUNE 1 U.S.C.G.S. 57.6N, 150.8W Kodiak Island H = 01 59 53.2 h = about 25 km Mould Bay P 02 04 46 Penticton iP 02 04 28 d Resolute eP 02 05.7	JUNE 2 Mould Bay P 02 14 29 Penticton iP 02 11 47 d	JUNE 2 Alberni eP 12 19 21 Penticton eP 12 20 06 Victoria eP 12 19 36
JUNE 1 U.S.C.G.S. 13.1N, 88.0W Honduras H = 06 48 32.1 h = about 94 km	JUNE 2 U.S.C.G.S. 3.5S, 145.3E Bismark Sea H = 05 35 36.1 h = about 42 km Penticton iP 05 49 01	JUNE 2 U.S.C.G.S. 49.9N, 129.8W Vancouver Island region H = 12 26 09.6 h = about 25 km Alberni eP 12 26 59

SEISMOLOGICAL BULLETIN - 1962

Banff eP 12 28 22 Halifax eP 12 34 16 Penticton iP 12 27 46 Resolute eP 12 32 07 Shawinigan Falls eP 12 33 (23) Victoria iP 12 27 16 d	JUNE 3 H = 10 35 13 Mag 1.1 Penticton eP <sub>1</sub> 10 35 19.3 eS <sub>1</sub> 10 35 24.4 D = 42 km	JUNE 3 U.S.C.G.S. 17.7N, 61.5W Leeward Islands H = 17 31 56.5 h = about 49 km Mould Bay P 17 42 36
JUNE 2 U.S.C.G.S. 49.8N, 129.8W Vancouver Island region H = 12 35 48.0 h = about 23 km Alberni eP 12 36 37 Penticton iP 12 37 25 d Shawinigan Falls eP 12 43 (02) Victoria eP 12 36 54	JUNE 3 H = 10 41 45 Mag 2.2 Penticton P <sub>n</sub> 10 42 24.2 S <sub>n</sub> 10 42 56.4 D = 264 km	JUNE 3 Mould Bay 78.7N, 110.9W Near the north coast of Borden Island, N.W.T. H = 19 14 42.6 Mag 3.4 Alert P <sub>n</sub> 19 16 47 S <sub>n</sub> 19 18 19 D = 970 km Mould Bay P <sub>n</sub> 19 15 29.5 i 19 15 40.3 i 19 15 44.2 S <sub>n</sub> 19 16 04.8 S <sub>1</sub> 19 16 22 D = 335 km Resolute P <sub>n</sub> 19 16 02 S <sub>n</sub> 19 16 58.5 D = 602 km
JUNE 2 Penticton eP 13 47 49	JUNE 3 U.S.C.G.S. 22.4N, 45.2W North Atlantic Ocean H = 15 02 25.5 h = about 25 km Alberni eP 15 13 15 Alert iP 15 12 35 d Banff eP 15 12 35 Halifax eP 15 08 08 c London iP 15 09 30 c? Mould Bay P 15 13 04 Penticton iP 15 12 55 d Resolute eP 15 12 (21) S 15 20 (30) Shawinigan Falls iP 15 09 00 d Victoria iP 15 13 11 c	JUNE 3 Mould Bay P 19 22 02 Penticton iP 19 24 56 Resolute eP 19 01 30
JUNE 2 U.S.C.G.S. 29.8N, 130.6E Kyushu, Japan H = 17 15 08.7 h = about 15 km Alert P 17 26 06 Penticton iP 17 27 17 Resolute eP 17 26 31 S 17 35 50	JUNE 3 H = 47°02' N, 70°00' W About 15 miles east of St.-Cyrille, Que. H = 20 09 03.8 Mag 2.9 Montreal P <sub>1</sub> 20 09 56.5 S <sub>1</sub> 20 10 36.5 D = 328 km	



DOMINION OBSERVATORIES

Seven Falls  
S<sub>1</sub> - P<sub>1</sub> = 8 sec.  
D = 66 km  
Shawinigan Falls  
P<sub>1</sub> 20 09 37.4  
S<sub>1</sub> 20 10 04.9  
D = 217 km

JUNE 4  
Mould Bay  
P 07 58 35

JUNE 4  
U.S.C.G.S.  
30.3N, 70.0E  
West Pakistan  
H = 15 21 56.9  
h = about 50 km  
Mould Bay  
P 15 33 27

JUNE 4  
London  
eP 18 41 16.5 c

JUNE 4  
U.S.C.G.S.  
7.5N, 80.9W  
South coast of  
Panama  
H = 18 50 40.1  
h = about 56 km  
Mould Bay  
P 19 01 59  
Resolute  
eP 19 01 30

JUNE 4  
Penticton  
eP 23 17 12

JUNE 5  
Mould Bay  
P 02 29 36  
Penticton  
eP 02 29 26

JUNE 5  
Mould Bay  
P 05 26 05

JUNE 5  
Penticton  
eP 09 47 32

JUNE 5  
U.S.C.G.S.  
38.9N, 75.5E  
Sinkiang Province,  
China  
H = 10 51 19.7  
h = about 140 km  
Mould Bay  
P 11 01 45

JUNE 5  
Penticton  
eP 17 08 39

JUNE 6  
U.S.C.G.S.  
39.1N, 123.1W  
California  
H = 17 50 08.6  
h = about 23 km  
Alberni  
eP 17 52 37  
Banff  
eP 17 53 18  
Mould Bay  
P 17 57 21  
Penticton  
iP 17 52 41  
Resolute  
eP 17 57 27

Victoria  
iP 17 52 35 c

JUNE 6  
H = 19 07 20  
Mag 1.5  
Penticton  
eP<sub>1</sub> 19 07 46.7  
eS<sub>1</sub> 19 08 06.7  
D = 164 km

JUNE 6  
U.S.C.G.S.  
44.7N, 149.0E  
Kurile Islands  
H = 19 38 13.6  
h = about 27 km  
Penticton  
iP 19 48 10  
Resolute  
eP 19 47 35

JUNE 6  
U.S.C.G.S.  
28.1N, 139.8E  
Bonin Islands region  
H = 20 02 37.0  
h = about 421 km  
Mould Bay  
P 20 12 38  
Resolute  
eP 20 13 (16)

JUNE 6  
H = 22 47 24  
Mag 1.5  
Penticton  
eP<sub>1</sub> 22 47 48.2  
eS<sub>1</sub> 22 48 06.8  
D = 152 km

JUNE 7  
U.S.C.G.S.  
30.0N, 113.4W  
Gulf of California  
H = 00 22 39.4  
h = about 25 km  
Penticton  
eP 00 27 10

SEISMOLOGICAL BULLETIN - 1962

Victoria  
eP 00 27 15

JUNE 7  
Shawinigan Falls  
eP 05 29 11

JUNE 7  
U.S.C.G.S.  
51.9N, 175.9E  
Rat Islands region  
H = 05 35 47.3  
h = about 50 km  
Mould Bay  
P 05 42 31  
Penticton  
eP 05 43 15  
Resolute  
eP 05 43 25

JUNE 7  
Penticton  
iP 08 38 07

JUNE 7  
Mould Bay  
P 15 10 41

JUNE 7  
H = 22 37 56  
Mag 1.8  
Penticton  
eP<sub>1</sub> 22 38 19.7  
eS<sub>1</sub> 22 38 38.0  
D = 150 km

JUNE 7  
Penticton  
eP 22 40 31

JUNE 7  
Alberni  
eP 22 46 25  
Penticton  
eP 22 47 11  
Victoria  
eP 22 46 40

JUNE 8  
U.S.C.G.S.  
18.1S, 178.4W  
Fiji Islands  
H = 01 31 59.9  
h = about 603 km  
Banff  
eP 01 43 48  
Penticton  
iP 01 43 32 c

JUNE 8  
U.S.C.G.S.  
29.1N, 129.5E  
Ryukyu Islands  
H = 09 11 17.6  
h = about 42 km  
Mould Bay  
P 09 22 07  
Resolute  
eP 09 22 43

JUNE 8  
Penticton  
eP 09 50 13

JUNE 8  
U.S.C.G.S.  
37.9N, 141.2E  
Honshu, Japan  
H = 16 04 24.5  
h = about 56 km  
Mould Bay  
P 16 13 57  
Resolute  
eP 16 14 39

JUNE 8  
U.S.C.G.S.  
11.3N, 126.0E  
Timor Sea  
H = 19 17 23.9  
h = about 60 km  
Mould Bay  
P 19 29 54  
Resolute  
eP 19 30 22

JUNE 8  
Penticton  
eP 19 39 18

JUNE 8  
Mould Bay  
P 20 42 31

JUNE 8  
U.S.C.G.S.  
55.7S, 26.2W  
Sandwich Islands  
H = 20 49 18.9  
h = about 25 km  
Mould Bay  
P' 21 08 51  
Penticton  
eP' 21 08 26

JUNE 9  
U.S.C.G.S.  
51.6N, 177.2W  
Andreanof Islands,  
Aleutian Islands  
H = 01 35 49.0  
h = about 25 km  
Mould Bay  
P 01 42 45  
Penticton  
iP 01 42 49 c



DOMINION OBSERVATORIES

JUNE 9  
U. S. C. G. S.  
49.9°N, 127.3°W  
Near Esperanza Inlet,  
west of Vancouver  
Island  
H = 06 15 37  
Mag 2.7  
Alberni  
eP 06 16 06.2  
eS<sub>n</sub> 06 16 29.4  
D = 189 km  
Victoria  
eP<sub>n</sub> 06 16 22.9  
D = 320 km

JUNE 9  
U. S. C. G. S.  
9.0N, 126.6E  
Mindanao,  
Philippine Islands  
H = 07 40 18.5  
h = about 65 km  
Mould Bay  
P 07 52 57  
Resolute  
eP 07 53 25

JUNE 9  
H = 16 26 07  
Mag 1.3  
Penticton  
eP<sub>1</sub> 16 26 19.8  
eS<sub>1</sub> 16 26 29.7  
D = 81 km

JUNE 9  
Halifax  
eP 16 39 59

JUNE 9  
London  
P 19 03 40

JUNE 9  
U. S. C. G. S.  
13.6N, 91.2W  
Off coast of  
Guatemala  
H = 19 57 35.5  
h = about 104 km  
Alberni  
eP 20 05 43  
Banff  
iP 20 05 21  
Mould Bay  
P 20 08 02  
Penticton  
iP 20 05 23 d  
Shawinigan Falls  
eP 20 04 30  
Victoria  
eP 20 05 33 d

JUNE 9  
Resolute  
eP 20 37 40

JUNE 10  
Resolute  
eP 13 50 07

JUNE 11  
U. S. C. G. S.  
49.7N, 129.3W  
Vancouver Island  
region  
H = 00 52 47.3  
h = about 25 km  
Alberni  
eP 00 53 32  
Banff  
eP 00 54 58  
Mould Bay  
P 00 58 32

Penticton  
iP 00 54 21 c  
Victoria  
iP 00 53 49 c

JUNE 11  
71.0N, 135.0W  
Beaufort Sea, 170  
miles north of  
Inuvik, N. W. T.  
H = 01 07 40.5  
Mag 4.1  
Alert  
Not recorded  
Mould Bay  
P<sub>n</sub> 01 09 17.5  
S<sub>n</sub> 01 10 27.5  
D = 750 km  
Resolute  
S<sub>n</sub> 01 12 28.5  
D = 1327 km

JUNE 11  
U. S. C. G. S.  
43.5N, 18.3E  
Yugoslavia  
H = 07 15 37.6  
h = about 21 km  
Mag 5 - 5 1/4 (PAL)

Alberni  
eP 07 28 01  
Alert  
P 07 24 02  
Banff  
eP 07 27 35  
Halifax  
iP 07 25 21  
London  
eP 07 26 37 d  
Mould Bay  
P 07 25 27  
Penticton  
iP 07 27 52 c  
Resolute  
eP 07 25 05  
i 07 25 09  
S 07 32.7

SEISMOLOGICAL BULLETIN - 1962

Shawinigan Falls  
eP 07 25 52  
Victoria  
iP 07 28 02 c

JUNE 11  
Mould Bay  
P 15 52 58

JUNE 11  
Penticton  
eP 18 44 19

JUNE 11  
Penticton  
iP 19 16 36

JUNE 11  
U. S. C. G. S.  
17.3N, 147.4E  
Mariana Islands  
H = 21 46 44.5  
h = about 19 km  
Penticton  
eP 21 58 (43)

JUNE 12  
Mould Bay  
P 06 37 29

JUNE 12  
Mould Bay  
P 09 36 12

JUNE 12  
Shawinigan Falls  
eP 16 16 29

JUNE 12  
Penticton  
eP 19 13 08

JUNE 13  
Mould Bay  
P 16 23 44

JUNE 14  
U. S. C. G. S.  
54.3N, 169.1E  
Near Islands,  
Aleutian Islands  
H = 07 51 51.0  
h = about 34 km  
Mag 6 - 6 1/4 (PAS)  
5 3/4 (BERK)

Alberni  
eP 07 59 25  
Alert  
iP 07 59 34 d  
Banff  
iP 07 59 55  
Halifax  
eP 08 03.3  
London  
iP 08 02 43 c  
Mould Bay  
iP 07 58 34 d  
Penticton  
iP 07 59 48 c  
Resolute  
eP 07 59 28  
Shawinigan Falls  
eP 08 02 42  
Victoria  
eP 07 59 35 c

JUNE 14  
U. S. C. G. S.  
54.2N, 169.3E  
Near Islands,  
Aleutian Islands  
H = 07 55 48.9  
h = about 56 km  
Mag 6 (PAS)

Alberni  
eP 08 03 19  
Banff  
eP 08 03 50

Halifax  
eP 08 07 (11)  
Mould Bay  
P 08 02 29  
Penticton  
iP 08 03 43 c  
Resolute  
eP 08 03 23  
Shawinigan Falls  
eP 08 06 37  
Victoria  
eP 08 03 30 c

JUNE 14  
U. S. C. G. S.  
19.4N, 65.0W  
Puerto Rico region  
H = 08 30 53.2  
h = about 64 km  
Alberni  
eP 08 40 26  
Alert  
P 08 41 15  
Halifax  
eP 08 36 16  
Mould Bay  
P 08 41 16  
Penticton  
eP 08 39 54  
Shawinigan Falls  
eP 08 36 40  
Victoria  
eP 08 40 19

JUNE 14  
Penticton  
iP 14 37 50

JUNE 14  
U. S. C. G. S.  
54.2N, 169.2E  
Near Islands,  
Aleutian Islands  
H = 17 14 23.2  
h = about 63 km  
Mould Bay  
P 17 21 01



DOMINION OBSERVATORIES

Penticton  
eP 17 22 15

JUNE 14  
Mould Bay  
P 20 12 36

JUNE 14  
U.S.C.G.S.  
1.8S, 76.9W  
Ecuador  
H = 20 18 04.7  
h = about 147 km  
Mould Bay  
P 20 30 07  
Penticton  
eP 20 28 14

JUNE 14  
Penticton  
eP 21 50 15

JUNE 14  
Epicentre southwest  
of Victoria  
H = 21 54 00  
Mag 2.4  
Alberni  
eP<sub>1</sub> 21 54 21.0  
eS<sub>1</sub> 21 54 37.0  
D = 134 km  
Penticton  
eP<sub>11</sub> 21 54 49.0  
D = 350 km  
Victoria  
iP<sub>1</sub> 21 54 05.4  
iS<sub>1</sub> 21 54 09.8  
D = 36 km

JUNE 14  
U.S.C.G.S.  
26.4N, 126.5E  
Ryukyu Islands  
H = 22 14 10.9  
h = about 22 km  
Alberni  
eP 22 26 31  
Banff  
eP 22 26 51  
Mould Bay  
P 22 25 24  
Penticton  
iP 22 26 45 d  
Victoria  
eP 22 26 37

JUNE 15  
H = 03 34 03  
Mag 1.7  
Penticton  
eP<sub>1</sub> 03 34 32.4  
eS<sub>1</sub> 03 34 55.2  
D = 186 km

JUNE 15  
U.S.C.G.S.  
20.4S, 70.9W  
Near coast of  
northern Chile  
H = 06 30 37.0  
h = about 60 km  
Mag 5 (PAL)  
Banff  
eP 06 42 51  
Halifax  
eP 06 41 16.5  
London  
eP 06 41 07 c?  
Penticton  
iP 06 42 55  
Shawinigan Falls  
eP 06 41 27  
Resolute  
e 06 55.3

JUNE 15  
Penticton  
eP 08 31 13

JUNE 15  
Penticton  
iP 09 27 08

JUNE 15  
U.S.C.G.S.  
13.3S, 167.0E  
New Hebrides  
Islands  
H = 11 56 19.3  
h = about 211 km  
Penticton  
iP 12 08 52

JUNE 15  
Penticton  
iP 12 23 11

JUNE 15  
Mould Bay  
P 18 09 25

JUNE 15  
U.S.C.G.S.  
42.6N, 143.6E  
Off southeast  
coast of Hokkaido,  
Japan  
H = 21 29 32.4  
h = about 25 km  
Mould Bay  
P 21 38 33  
Resolute  
eP 21 39 17

JUNE 15  
Penticton  
eP 22 45 32

SEISMOLOGICAL BULLETIN - 1962

JUNE 16  
U.S.C.G.S.  
26.6N, 126.4E  
Ryukyu Islands  
H = 05 21 12.7  
h = about 38 km  
Mould Bay  
P 05 32 27  
Penticton  
iP 05 33 49

JUNE 16  
Penticton  
eP 11 18 57

JUNE 16  
Penticton  
eP 11 49 23

JUNE 16  
Penticton  
eP 12 00 51

JUNE 16  
U.S.C.G.S.  
10.0S, 79.4W  
Near coast of Peru  
H = 14 13 36.6  
h = about 56 km  
Penticton  
eP 14 24 37

JUNE 17  
48°52'N, 124°34'W  
Southwestern  
Vancouver Island  
H = 00 18 49  
Mag 2.5  
Alberni  
iP<sub>1</sub> 00 18 56.6  
iS<sub>1</sub> 00 19 04.0  
D = 47 km

Victoria  
iP<sub>1</sub> 00 19 04.1  
iS<sub>1</sub> 00 19 14.8  
D = 94 km

JUNE 17  
U.S.C.G.S.  
40.1S, 45.7E  
Indian Ocean  
H = 04 27 38.2  
h = about 15 km

Banff  
eP' 04 48 32  
Mould Bay  
P' 04 47 06  
Penticton  
eP' 04 47 36  
Resolute  
eP' 04 47 14

JUNE 17  
U.S.C.G.S.  
33.3N, 76.2E  
Kashmir region  
H = 04 39 26.6  
h = about 22 km  
Mould Bay  
iP 04 50 42 c  
Resolute  
eP 04 50 54  
Shawinigan Falls  
eP 04 52 56 c

JUNE 17  
Mould Bay  
P 07 28 22

JUNE 17  
Alert  
P 07 49 53

JUNE 17  
Penticton  
eP 09 58 36

JUNE 17  
Shawinigan Falls  
eP 11 02 07

JUNE 17  
Penticton  
eP 12 56 46

JUNE 17  
U.S.C.G.S.  
43.2N, 88.0E  
Sinkiang Province,  
China  
H = 14 26 29.7  
h = about 50 km  
Mould Bay  
P 14 36 32

JUNE 17  
Penticton  
iP 14 46 17

JUNE 17  
Mould Bay  
P 20 22 03

JUNE 17  
U.S.C.G.S.  
51.7N, 177.0E  
Andreanof Islands,  
Aleutian Islands  
H = 22 28 04.1  
h = about 22 km  
Mould Bay  
P 22 34 52  
Penticton  
iP 22 35 34  
Resolute  
eP 22 35 45

JUNE 17  
Penticton  
iP 22 41 22



DOMINION OBSERVATORIES

JUNE 18  
 U. S. C. G. S.  
 60.5N, 153.8W  
 Alaska  
 H = 06 21 04.9  
 h = about 193 km  
 Alert  
 P 06 27 06  
 Banff  
 eP 06 25 58  
 London  
 eP 06 29 10 c  
 Mould Bay  
 P 06 25 24  
 Penticton  
 iP 06 25 51 d  
 Resolute  
 eP 06 26 17  
 i 06 28 05  
 Shawinigan Falls  
 eP 06 29 19

JUNE 18  
 U. S. C. G. S.  
 52.4N, 174.6W  
 Andreanof Islands  
 Aleutian Islands  
 H = 12 27 02.7  
 h = about 65 km  
 Banff  
 eP 12 33 56  
 Mould Bay  
 P 12 33 24  
 Penticton  
 iP 12 33 45

JUNE 18  
 Mould Bay  
 P 12 36 09

JUNE 18  
 U. S. C. G. S.  
 4.8S, 151.8E  
 New Britain region  
 H = 23 42 31.3  
 h = about 47 km  
 Mag 6 3/4 (PAS)  
 ✓ Alberni  
 P 23 55 23  
 ✓ Banff  
 eP 23 55 50  
 ✓ Mould Bay  
 P 23 55 45  
 ✓ Penticton  
 iP 23 55 39 d  
 Resolute  
 eP 23 56 15  
 ✓ i 00 00 40  
 ✓ Shawinigan Falls  
 eP' 24 01 24 c  
 ✓ Victoria  
 P 23 55 26

JUNE 19  
 U. S. C. G. S.  
 7.1N, 82.7W  
 South of Panama  
 H = 00 59 21.3  
 h = about 42 km  
 Mould Bay  
 P 01 10 41  
 Penticton  
 iP 01 08 31

JUNE 19  
 H = 01 12 27  
 Mag 1.7  
 Penticton  
 eP<sub>n</sub> 01 12 56.2  
 eS<sub>n</sub> 01 13 18.8  
 D = 185 km

JUNE 19  
 49.0°N, 127.6°W  
 West of Vancouver  
 Island  
 H = 01 58 14  
 Mag 3.1  
 Alberni  
 eP<sub>n</sub> 01 58 45.5  
 eS<sub>n</sub> 01 59 10.0  
 D = 200 km  
 Penticton  
 eP<sub>n</sub> 01 59 34  
 D = 597 km  
 Victoria  
 eP<sub>n</sub> 01 58 59.6  
 eS<sub>n</sub> 01 59 31.3  
 D = 316 km

JUNE 19  
 U. S. C. G. S.  
 5.6S, 151.5E  
 New Britain region  
 H = 03 32 01.8  
 h = about 130 km  
 Mould Bay  
 P 03 45 16  
 Penticton  
 eP 03 44 56

JUNE 19  
 H = 07 23 27  
 Mag 2.1  
 Alberni  
 eP<sub>1</sub> 07 23 36.9  
 eS<sub>1</sub> 07 23 45.0  
 D = 62 km  
 Victoria  
 eP<sub>1</sub> 07 23 43.2  
 eS<sub>1</sub> 07 23 55.1  
 D = 102 km

JUNE 19  
 Mould Bay  
 P 08 24 31

JUNE 19  
 Penticton  
 eP 09 31 35

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JUNE 19  
 Penticton  
 eP 12 16 27

JUNE 19  
 Mould Bay  
 P 13 20 56

JUNE 19  
 U. S. C. G. S.  
 17.0S, 172.5W  
 Tonga Islands  
 H = 15 45 03.2  
 h = about 29 km  
 Penticton  
 eP 15 57 18

JUNE 19  
 U. S. C. G. S.  
 20.9S, 177.8W  
 Fiji Islands region  
 H = 16 39 21.4  
 h = about 405 km  
 ✓ Penticton  
 iP 16 51 23

JUNE 19  
 Mould Bay  
 P 18 23 09

JUNE 19  
 Penticton  
 eP 21 44 31

JUNE 19  
 H = 22 52 57  
 Mag 2.0  
 Penticton  
 eP<sub>n</sub> 22 53 32.0  
 eS<sub>n</sub> 22 54 00.3  
 D = 231 km

JUNE 20  
 U. S. C. G. S.  
 46.4N, 143.3E  
 Off north coast  
 of Hokkaido Japan  
 H = 04 34 41.1  
 h = about 287 km  
 Penticton  
 iP 04 44 23

JUNE 20  
 U. S. C. G. S.  
 6.9S, 126.6E  
 Banda Sea  
 H = 06 16 22.6  
 h = about 272 km  
 Shawinigan Falls  
 ✓ eP' 06 35 15

JUNE 20  
 Banff  
 eP 13 48 31

JUNE 20  
 Penticton  
 eP 16 56 05  
 Victoria  
 P 16 55 33

JUNE 20  
 U. S. C. G. S.  
 45.6N, 128.9W  
 Off coast of  
 northern California  
 H = 19 26 01.8  
 h = about 25 km

Alberni  
 P 19 27 24  
 Banff  
 eP 19 28 46  
 Penticton  
 iP 19 28 02  
 Resolute  
 eP 19 32 39  
 Victoria  
 iP 19 27 26 c

JUNE 20  
 Alberni  
 P 19 33 22  
 Penticton  
 iP 19 33 58  
 Victoria  
 P 19 33 21

JUNE 20  
 Resolute  
 eP 20 34 02

JUNE 20  
 Resolute  
 eP 20 43 01

JUNE 20  
 Penticton  
 eP 20 58 02

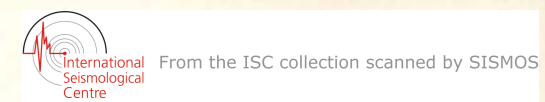
JUNE 20  
 Alberni  
 P 23 07 01

Mould Bay  
 P 23 09 24  
 Penticton  
 iP 23 06 41 d

Resolute  
 eP 23 09 03  
 Shawinigan Falls  
 eP 23 05 56  
 Victoria  
 P 23 06 50

JUNE 20  
 Penticton  
 eP 23 41 09

JUNE 21  
 Canadian Arctic  
 H = 01 23 52.3  
 Mag 2.0  
 Mould Bay  
 P<sub>1</sub> 01 24 01.5  
 S<sub>1</sub> 01 24 08.5  
 D = 57.4 km





DOMINION OBSERVATORIES

JUNE 21

45°22'N, 72°42' W  
Near Granby, Que.  
Felt within a radius  
of 40 miles  
H = 02 06 47.7  
h = about 25 km

Halifax

e 02 08 41  
e 02 09 37.5  
L<sub>g</sub> 02 10 14  
D = 720 km

London

e 02 08 38  
S<sub>n</sub> 02 09 33  
i 02 10 04  
L<sub>g</sub> 02 10 13.2  
D = 735 km

Montreal

P<sub>1</sub> 02 06 59  
S<sub>1</sub> 02 07 07.8  
D = 72 km

Seven Falls

S<sub>n</sub> - P<sub>n</sub> = 27 sec.  
D = 243 km

Shawinigan Falls

P<sub>n</sub> 02 07 07.5  
P<sub>1</sub> 02 07 09.3  
S<sub>n</sub> 02 07 24  
S<sub>1</sub> 02 07 26  
D = 132 km

Weston

P<sub>n</sub> 02 07 36.5  
(P<sub>1</sub>) 02 07 46  
S<sub>n</sub> 02 08 11.5  
S<sub>1</sub> 02 08 26  
D = 350 km

JUNE 21

U. S. C. G. S.  
5.7N, 82.6W  
South of Panama  
H = 04 43 43.3  
h = about 23 km  
Mag 6 1/4 (PAS)  
6 1/4 (Brk)

Alert

✓ P 04 55 36  
Halifax  
✓ eP 04 51 38  
London  
✓ eP 04 50 53.5 c  
Mould Bay  
✓ P 04 55 14  
Penticton  
✓ iP 04 53 05 c  
Resolute  
✓ eP 04 54 49  
Shawinigan Falls  
✓ eP 04 51 31 c  
Victoria  
✓ iP 04 53 14

JUNE 21

U. S. C. G. S.  
61.3N, 153.4W  
Alaska  
H = 07 55 46.0  
h = about 32 km  
Mould Bay  
P 08 00 06  
Penticton  
iP 08 00 40

JUNE 21

U. S. C. G. S.  
20.8S, 175.6W  
Tonga Islands region  
H = 08 38 28.4  
h = about 67 km  
Penticton  
✓ iP 08 51 01 d

JUNE 21

49.9°N, 124.2°W  
Near Jervis Inlet  
H = 14 29 05  
Mag 2.5  
Alberni  
iP<sub>1</sub> 14 29 13.9  
iS<sub>1</sub> 14 29 21.0  
D = 68 km

Penticton

eP<sub>n</sub> 14 29 51  
D = 332 km  
Victoria  
eP<sub>n</sub> 14 29 28.0  
D = 156 km

JUNE 21

Penticton  
iP 15 50 25 d

JUNE 21

U. S. C. G. S.  
53.0N, 159.1E  
Near east of  
Kamchatka

H = 15 56 21.1  
h = about 42 km  
Resolute  
eP 16 04 28

JUNE 21

Resolute  
eP 17 07 30

JUNE 21

H = 18 54 09  
D = 88 km  
Penticton  
eP<sub>1</sub> 18 54 23.5  
eS<sub>1</sub> 18 54 34.2  
D = 88 km

JUNE 21

U. S. C. G. S.  
38.8S, 72.9W  
Near coast of Chile  
H = 18 58 18.6  
h = about 40 km  
Halifax  
eP 19 10 44  
Shawinigan Falls  
eP 19 10 50

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JUNE 21

H = 22 03 35  
Mag 2.2  
Penticton  
eP<sub>n</sub> 22 04 19.9  
eS<sub>n</sub> 22 04 58.1  
D = 313 km

JUNE 22

H = 01 08 10  
Mag 2.4  
Penticton  
eP<sub>n</sub> 01 08 51.0  
eS<sub>n</sub> 01 09 25.6  
D = 282 km

JUNE 22

London  
P 01 55 51.4

JUNE 22

H = 11 49 54  
Mag 0.9  
Penticton  
eP<sub>n</sub> 11 50 16.8  
eS 11 50 32.6  
D = 130 km

JUNE 22

U. S. C. G. S.  
32.2N, 142.4E  
Off coast of  
Honshu, Japan  
H = 11 48 55.3  
h = about 25 km

Alberni

✓ iP 11 59 56 d  
Alert  
✓ iP 11 59 34 d  
Banff  
✓ eP 12 00 21  
Mould Bay  
✓ iP 11 59 08 d  
Penticton  
✓ iP 12 00 14 d

Resolute

✓ iP 11 59 49 d  
Victoria  
✓ P 12 00 03

JUNE 23

U. S. C. G. S.  
29.7N, 49.1E  
Persian Gulf  
H = 05 04 57.6  
h = about 25 km  
Mould Bay  
P 05 16 33

JUNE 23

U. S. C. G. S.  
25.7N, 128.5E  
Ryukyu Islands  
H = 09 44 37.7  
h = about 36 km  
Mag 5 3/4 (BRK)

Alberni

✓ eP 09 56 53  
Alert  
✓ P 09 56 00  
Banff  
✓ eP 09 57 13  
Halifax  
✓ eP' 10 03 34  
London  
✓ P' 10 03 23  
Mould Bay  
✓ P 09 55 54  
Penticton  
✓ iP 09 57 08  
Resolute  
✓ eP 09 56 25  
✓ S 10 06 08  
Victoria  
✓ eP 09 56 58

JUNE 23

U. S. C. G. S.  
19.1N, 121.4E  
Near coast of Luzon  
Philippine Islands  
H = 09 58 26.0  
h = about 40 km

Alberni

✓ eP 10 11 24  
Alert  
✓ iP 10 10 25 c  
Banff  
✓ eP 10 11 42  
Mould Bay  
✓ iP 10 10 23 c  
Penticton  
✓ iP 10 11 38 c  
Resolute  
✓ eP 10 10 52  
Shawinigan Falls  
✓ eP' 10 17 12  
Victoria  
✓ eP 10 11 30

JUNE 23

Penticton  
eP 12 02 17

JUNE 23

Penticton  
iP 14 48 14

JUNE 23

U. S. C. G. S.  
33.5S, 71.8W  
Near coast of Chile  
H = 15 03 15.4  
h = about 40 km  
Shawinigan Falls  
eP 15 15 22

JUNE 24

Penticton  
eP 00 57 24



DOMINION OBSERVATORIES

JUNE 24  
 U.S.C.G.S.  
 25.6N, 101.1E  
 Yunnan Province,  
 China  
 H = 01 21 18.2  
 h = about 35 km  
 Alert  
 ✓ iP 01 32 40 d  
 Mould Bay  
 ✓ P 01 33 01  
 Penticton  
 ✓ iP 01 34 50  
 Resolute  
 ✓ eP 01 33 23

JUNE 24  
 U.S.C.G.S.  
 55.8N, 162.6E  
 Komandorskie  
 Islands region  
 H = 14 13 02.4  
 h = about 24 km  
 Mould Bay  
 P 14 19 48  
 Penticton  
 iP 14 21 23  
 Resolute  
 eP 14 20 42 d

JUNE 25  
 U.S.C.G.S.  
 20.8S, 179.2W  
 Fiji Islands region  
 H = 01 31 41.9  
 h = about 645 km  
 Penticton  
 ✓ iP 01 43 25 c

JUNE 25  
 U.S.C.G.S.  
 20.6S, 71.0W  
 Near coast of  
 northern Chile  
 H = 02 49 02.1  
 h = about 37 km

Penticton  
 iP 03 01 20  
 Shawinigan Falls  
 eP 02 59 51

JUNE 25  
 U.S.C.G.S.  
 37.3S, 73.5W  
 Near coast of Chile  
 H = 06 26 49.6  
 h = about 40 km  
 Halifax  
 ✓ eP 06 39 08 c  
 Mould Bay  
 ✓ P' 06 45 30  
 Penticton  
 ✓ iP 06 40 16  
 Shawinigan Falls  
 ✓ eP 06 39 15

JUNE 25  
 U.S.C.G.S.  
 24.3N, 122.6E  
 Off coast of Formosa  
 H = 11 10 23.3  
 h = about 33 km  
 Mag 5 3/4 (PAS)  
 5 1/2 (BRK)

Alberni  
 ✓ P 11 23 02 c  
 Alert  
 ✓ P 11 21 54  
 Banff  
 ✓ eP 11 23 17  
 Mould Bay  
 ✓ P 11 21 51  
 Penticton  
 ✓ iP 11 23 16 c  
 Resolute  
 ✓ eP 11 22 26  
 S 11 32.3  
 Victoria  
 ✓ P 11 23 09

JUNE 25  
 U.S.C.G.S.  
 3.7N, 126.6E  
 Molucca Passage  
 H = 12 49 41.8  
 h = about 25 km  
 Mould Bay  
 P 13 02 52

JUNE 25  
 U.S.C.G.S.  
 14.5N, 82.4W  
 Off coast of  
 Nicaragua  
 H = 18 58 35.6  
 h = about 25 km  
 Mag 4 1/2 - 4 3/4 (PAL)  
 Halifax  
 eP 19 05.4'  
 London  
 P 19 04 35  
 Mould Bay  
 P 19 09 13  
 Penticton  
 iP 19 07 01  
 Shawinigan Falls  
 eP 19 05 16  
 Victoria  
 P 19 07 12

JUNE 25  
 Penticton  
 eP 19 32 30

JUNE 25  
 U.S.C.G.S.  
 75.0N, 4.2E  
 Svalbard region  
 H = 22 58 10.3  
 h = about 25 km  
 Mould Bay  
 P 23 03 28  
 Resolute  
 iP 23 03 18

SEISMOLOGICAL BULLETIN - 1962

JUNE 26  
 U.S.C.G.S.  
 27.9N, 129.2E  
 Ryukyu Islands  
 H = 02 51 21.7  
 h = about 35 km  
 Mould Bay  
 P 03 02 19  
 Penticton  
 iP 03 03 49 d  
 Resolute  
 eP 03 02 54

JUNE 26  
 Mould Bay  
 P 06 15 33

JUNE 27  
 U.S.C.G.S.  
 37.7N, 88.5W  
 Southern Illinois  
 H = 01 28 55.7  
 h = about 25 km  
 Mag 5 1/4 - 5 1/2 (PAL)  
 London  
 P 01 30 (58)

JUNE 27  
 Penticton  
 eP 01 41 48

JUNE 27  
 Penticton  
 iP 05 13 37 c  
 Victoria  
 P 05 13 28

JUNE 27  
 U.S.C.G.S.  
 50.2N, 158.7E  
 Off coast of  
 Kamchatka  
 H = 08 30 39.3  
 h = about 20 km

Mould Bay  
 P 08 38 17  
 Shawinigan Falls  
 eP 08 42 06

JUNE 27  
 U.S.C.G.S.  
 39.1S, 74.9W  
 Off coast of Chile  
 H = 13 33 21.5  
 h = about 40 km  
 Shawinigan Falls  
 eP 13 45 54

JUNE 27  
 U.S.C.G.S.  
 48.0S, 99.6E  
 Indian Ocean  
 H = 13 38 30.6  
 h = about 25 km  
 Mould Bay  
 P' 13 58 12  
 Penticton  
 iP' 13 58 50

JUNE 27  
 Alberni  
 P 18 03 27  
 Banff  
 eP 18 03 17  
 Mould Bay  
 P 18 07 32  
 Penticton  
 eP 18 03 03  
 Resolute  
 eP 18 07 28  
 Victoria  
 P 18 03 13

JUNE 27  
 Penticton  
 iP 19 59 49

JUNE 27  
 U.S.C.G.S.  
 23.7N, 123.0E  
 Off coast of Formosa  
 H = 23 26 48.2  
 h = about 76 km  
 Penticton  
 eP 23 39 39

JUNE 28  
 Penticton  
 eP 02 32 26

JUNE 28  
 Penticton  
 eP 04 10 08

JUNE 28  
 U.S.C.G.S.  
 31.9N, 130.8E  
 Kyushu, Japan  
 H = 04 13 52.3  
 h = about 36 km  
 Mould Bay  
 P 04 24 27  
 Penticton  
 iP 04 25 50

JUNE 28  
 U.S.C.G.S.  
 20.0N, 155.6W  
 Hawaii Island,  
 H = 04 27 18.4  
 h = about 25 km  
 Mag 5 3/4 (BRK)  
 5 1/4 - 5 1/2 (PAL)

Alberni  
 ✓ P 04 34 38  
 Alert  
 ✓ P 04 38 33  
 London  
 ✓ P 04 38 02  
 Mould Bay  
 ✓ iP 04 37 20 c  
 Penticton  
 ✓ iP 04 35 02 c  
 Resolute  
 ✓ eP 04 37 48  
 S 04 46 23



DOMINION OBSERVATORIES

✓ Shawinigan Falls eP 04 38 34 Victoria ✓ P 04 34 42	JUNE 28 U.S.C.G.S. 43.8N, 144.5E Near coast of northern Hokkaido, Japan H = 17 51 01.5 h = about 55 km Penticton iP 18 01 18 c	JUNE 29 U.S.C.G.S. 56.2S, 26.9W Sandwich Islands H = 03 30 18.8 h = about 25 km Mould Bay P' 03 49 50 Penticton iP' 03 49 26
JUNE 28 U.S.C.G.S. 40.9N, 20.8E Near Greece- Albania border H = 06 51 04.3 h = about 25 km Mould Bay ✓ P 07 01 13 Penticton ✓ iP 07 03 32	JUNE 28 U.S.C.G.S. 0.2S, 124.3E Northern Celebes H = 18 50 27.5 h = about 58 km London eP' 19 09 (35) ✓ PKS 19 12 58 Mould Bay ✓ P 19 03 52 Penticton ✓ eP' 19 08 47 Shawinigan Falls eP' 19 09 36 ✓ PKS? 19 12 56	JUNE 29 U.S.C.G.S. 35.2S, 106.0W South of Easter Island region H = 10 28 46.6 h = about 25 km Penticton iP 10 41 23
JUNE 28 U.S.C.G.S. 7.7S, 107.9E Near coast of Java H = 11 17 48.6 h = about 94 km Penticton iP' 11 36 35	JUNE 28 U.S.C.G.S. 17.6S, 175.2W Tonga Islands region H = 20 47 30.6 h = about 244 km Penticton ✓ iP 20 59 30	JUNE 29 U.S.C.G.S. 62.3N, 152.4W Alaska H = 16 28 04.4 h = about 39 km Mag 4 3/4 - 5 (PAL) Alberni ✓ P 16 32 38 Alert ✓ P 16 34 01 Halifax ✓ eP 16 37 06 London ✓ P 16 36 15 Mould Bay ✓ P 16 32 10 Penticton ✓ iP 16 33 02 c Resolute eP 16 33 11 iS 16 37 18 Shawinigan Falls eP 16 36 23 Victoria ✓ P 16 32 50
JUNE 28 Penticton iP 16 16 16	JUNE 29 Penticton eP 00 51 31	
JUNE 28 Mould Bay P 17 07 30 Penticton iP 17 03 04	JUNE 29 Penticton eP 02 57 11	

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JUNE 29 Banff eP 16 40 01	JUNE 30 U.S.C.G.S. 27.6N, 57.7E Iran H = 09 45 50.2 h = about 25 km Mould Bay P 09 57 39
JUNE 29 Penticton iP 17 18 20	
JUNE 29 U.S.C.G.S. 41.8S, 79.7E South Indian Ocean H = 20 58 16.6 h = about 33 km Resolute eP' 21 18 00	JUNE 30 Mould Bay P 18 01 55 Penticton iP 18 03 33
JUNE 29 U.S.C.G.S. 15.3N, 105.4W Off coast of Mexico H = 22 35 20.3 h = about 25 km Mould Bay P 22 45 35	JUNE 30 U.S.C.G.S. 16.5N, 122.0E Near coast of Luzon, Philippine Islands H = 19 29 51.0 h = about 40 km Mould Bay ✓ P 19 42 03 Penticton eP 19 43 15 Resolute eP 19 42 33
JUNE 30 U.S.C.G.S. 34.0N, 141.5E Off coast of Honshu, Japan H = 01 09 47.7 h = about 52 km Mould Bay P 01 19 47 Penticton iP 01 20 58 Resolute eP 01 20 28	JUNE 30 Penticton iP 23 43 37
	JUNE 30 Penticton iP 23 48 47



DOMINION OBSERVATORIES

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the second quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. M = magnitude.

- APRIL 1 09 03 56 M = 0.7 7 miles from Resolute, N. W. T.
- APRIL 14 18 40 23 75.3°N ± 1.0°, 101.0°W ± 1.0°. Depth 25 km. M = 2.8. Graham Moore Bay to the south of Bathurst Island, N. W. T.
- APRIL 20 14 21 15 76.2°N ± 1.0°, 90.8°W ± 2.5°. Depth 20 km. M = 2.4. Near West Fiord, Devon Island, N. W. T. or 72.9°N ± 1.0°, 97.0°W ± 2.5°. West coast of Prince of Wales Island, N. W. T. This shock was recorded only at Mould Bay and Resolute.
- APRIL 21 07 10 33 M = 1.9 109 miles from Resolute, N. W. T.
- APRIL 24 17 23 55 M = 2.2 123 miles from Resolute, N. W. T.
- APRIL 29 00 30 54 M = 1.9 31 miles from Alert, N. W. T.
- APRIL 29 10 44 03 Depth 8 km M = 1.9 144 miles from Resolute, N. W. T.
- MAY 2 19 45 52 64.7°N ± 1.0°, 86.6°W ± 2.0° M = 4.9 Roes Welcome Sound, about 150 miles northeast of Chesterfield Inlet, N. W. T.
- MAY 5 11 59 32 73.8°N ± 1.0°, 70.6°W ± 2.0° M = 3.5 In Baffin Bay, about 150 miles northeast of Pond Inlet, N. W. T.
- MAY 12 23 10 41 71.3°N ± 1.0°, 70.6°W ± 2.0° M = 4.1 In Baffin Bay near Scott Island off the northeast coast of Baffin Island, N. W. T.
- MAY 17 08 21 04 M = 1.5 37 miles from Mould Bay, N. W. T.
- MAY 18 09 22 45 M = 1.5 37 miles from Mould Bay, N. W. T.
- MAY 20 17 11 55 79.5°N ± 3.0°, 92.5°W ± 0.7° M = 3.5 Axel Heiberg Island, N. W. T.
- MAY 24 20 39 34 76.7°N ± 0.5°, 91.8°W ± 2.0° Depth 23 km. M = 3.9 Near the north coast of Devon Island, N. W. T.
- MAY 30 05 16 59 M = 2.4 33 miles from Resolute, N. W. T.

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- JUNE 3 19 14 43 78.7°N ± 2.0°, 110.9°W ± 0.4° M = 3.4 Near the north coast of Borden Island, N. W. T.
- JUNE 11 01 07 41 71.0°N ± 1.0°, 135.0°W ± 2.5° M = 4.1 In the Beaufort Sea about 170 miles north of Inuvik, N. W. T.
- JUNE 21 01 23 52 M = 2.0 36 miles from Mould Bay, N. W. T.



DOMINION OBSERVATORIES  
EARTHQUAKES IN EASTERN CANADA  
AND ADJACENT AREAS

The following disturbances were recorded during the second quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. M = magnitude.

APRIL 10 14 30 48 44°09'N ± 9', 73°03'W ± 9' Depth 24 km. M = 5.0 Western Vermont. Felt in Vermont, New Hampshire and New York States and lightly in Canada south of the St. Lawrence River. Slight damage at Montpelier Vt.

JUNE 3 20 09 04 47°02'N ± 15', 70°00'W ± 15'. M = 2.9 About 15 miles east of St-Cyrille, Que.

JUNE 21 02 06 48 45°22'N ± 12', 72°42'W ± 12'. Depth of 25 km. M = 3.9 Near Granby, Que. Felt within a radius of about 40 miles, including the Lake Memphremagog area.

SEISMOLOGICAL BULLETIN - 1962  
EARTHQUAKES IN WESTERN CANADA  
AND ADJACENT AREAS

The following disturbances were recorded during the second quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. In some cases, although they are not included in the text, readings from Hungry Horse station in Montana, U.S.A. were used to compute epicentres. The quality (Q) of the epicentre is indicated by a letter from 'a' meaning an excellent fit of observed data to 'd' meaning a very poor solution.

APRIL 1 at 12 11 24 U. T. Magnitude 1.9 41 km from Victoria.

APRIL 2 at 15 34 51 U. T. Magnitude 2.2 Epicentre at 48.4°N, 124.8°W, near Cape Flattery. Q = c.

APRIL 3 at 01 51 08 U. T. Magnitude 1.7 79 km from Victoria and 74 km from Alberni.

APRIL 10 at 10 56 25 U. T. Magnitude 1.7 81 km from Victoria.

APRIL 10 at 20 32 19 U. T. Epicentre at 49.1°N, 128.5°W (USCGS) off west coast of Vancouver Island.

APRIL 11 at 00 31 09 U. T. Magnitude 1.2 69 km from Penticton.

APRIL 11 at 22 38 03 U. T. Magnitude 2.5 156 km from Alberni.

APRIL 11 at 22 43 52 U. T. Magnitude 2.5 136 km from Alberni.

APRIL 12 at 03 39 12 Magnitude 2.0 Epicentre at 49.1°N, 122.9°W near Boundary Bay. Q = c.

APRIL 14 at 01 20 14 Magnitude 2.1 150 km from Alberni, 60 km from Victoria.

APRIL 15 at 01 28 35 Magnitude 2.2 280 km from Penticton.

APRIL 15 at 02 35 30 Magnitude 2.4 274 km from Penticton.

APRIL 16 at 20 02 00 Magnitude 2.2 73 km from Alberni.

APRIL 18 at 22 09 43 Magnitude 1.6 161 km from Penticton.

APRIL 18 at 22 50 27 Magnitude 1.6 29 km from Victoria, 112 km from Alberni.

APRIL 18 at 23 40 07 Magnitude 2.4 151 km from Alberni.

APRIL 20 at 05 01 38 Magnitude 1.7 197 km from Penticton.



DOMINION OBSERVATORIES

APRIL 22 at 11 24 36 Magnitude 1.8 255 km from Penticton.  
APRIL 22 at 19 48 21 Magnitude 1.5 47 km from Victoria.  
APRIL 23 at 04 45 11 Magnitude 1.5 162 km from Penticton.  
APRIL 24 at 01 28 45 Magnitude 1.6 188 km from Penticton.  
APRIL 24 at 22 15 21 Magnitude 1.4 192 km from Penticton.  
APRIL 27 at 17 57 30 Magnitude 2.6 235 km from Penticton.  
APRIL 27 at 23 59 45 Magnitude 1.7 222 km from Penticton.  
APRIL 28 at 01 23 22 Magnitude 1.8 50 km from Victoria.  
MAY 1 at 21 58 01 Magnitude 1.9 128 km from Victoria, 201 km from Penticton.  
MAY 2 at 05 27 04 Magnitude 1.3 138 km from Penticton.  
MAY 2 at 18 59 54 Magnitude 2.4 288 km from Penticton.  
MAY 2 at 22 49 14 Magnitude 1.6 175 km from Penticton.  
MAY 3 at 00 48 49 Magnitude 2.2 279 km from Penticton.  
MAY 4 at 04 54 36 Magnitude 2.3 274 km from Penticton.  
MAY 4 at 19 04 18 Magnitude 1.7 188 km from Penticton.  
MAY 5 at 04 07 26 Magnitude 1.8 172 km from Penticton.  
MAY 8 at 22 53 01 Magnitude 1.7 189 km from Penticton.  
MAY 9 at 00 09 16 Magnitude 1.2 68 km from Penticton.  
MAY 9 at 21 20 54 Magnitude 2.0 159 km from Penticton.  
MAY 10 at 21 10 57 Magnitude 1.3 103 km from Penticton.  
MAY 10 at 22 54 50 Magnitude 1.5 180 km from Penticton.  
MAY 11 at 18 24 09 Magnitude 0.8 60 km from Penticton.  
MAY 14 at 19 26 17 Magnitude 2.6 313 km from Penticton.  
MAY 15 at 01 13 02 Magnitude 1.5 177 km from Penticton.  
MAY 15 at 09 50 58 Magnitude 2.0 317 km from Penticton.

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MAY 15 09 55 24 Magnitude 1.8 Epicentre at 48°56'N, 122°08'W, near Mount Baker, Washington, U.S.A. Q = a.  
MAY 15 at 13 53 17 Magnitude 2.7 107 km from Banff, 396 km from Penticton.  
MAY 16 at 20 12 50 Magnitude 1.4 34 km from Banff.  
MAY 16 at 19 49 31 Magnitude 1.8 252 km from Penticton.  
MAY 16 at 23 44 16 Magnitude 2.3 244 km from Penticton.  
MAY 19 at 20 27 44 Magnitude 1.3 99 km from Penticton.  
MAY 20 at 04 41 03 Magnitude 2.3 Epicentre at 48°41'N, 122°48'W, near San Juan Island, U.S.A. Q = a.  
MAY 22 at 17 38 26 Magnitude 1.8 64 km from Penticton.  
MAY 22 at 18 48 43 Magnitude 2.5 291 km from Penticton.  
MAY 22 at 21 48 45 Magnitude 1.8 219 km from Penticton.  
MAY 24 at 04 24 52 Magnitude 3.7 Epicentre at 49.2°N, 128.8°W, west of Vancouver Island. Q = c.  
MAY 24 at 14 10 28 Aftershock of previous event.  
MAY 24 at 18 24 50 Magnitude 1.2 33 km from Penticton.  
MAY 25 at 22 15 14 Magnitude 2.0 73 km from Victoria.  
MAY 26 at 03 52 17 302 km from Banff.  
MAY 29 at 21 11 59 Magnitude 2.0 30 km from Victoria, 119 km from Alberni.  
MAY 30 at 03 36 23 Magnitude 2.2 Epicentre at 47.5°N, 122.5°W, in the south Puget Sound, U.S.A., area. Q = b.  
MAY 31 at 23 37 14 Magnitude 2.1 268 km from Penticton.  
JUNE 2 at 12 26 09.6 U. T. Magnitude 5 3/4 Epicentre at 49.9°N, 129.8°W, near Vancouver Island, U.S.C.G.S.  
JUNE 2 at 12 35 48 U. T. Epicentre at 49.8°N, 129.8°W, near Vancouver Island (USCGS).  
JUNE 3 at 10 35 12 U. T. Magnitude 1.1 42 km from Penticton.



DOMINION OBSERVATORIES

- JUNE 3 at 10 41 45 U. T. Magnitude 2.2 264 km from Penticton.
- JUNE 6 at 19 07 21 U. T. Magnitude 1.5 164 km from Penticton.
- JUNE 6 at 22 47 24 U. T. Magnitude 1.5 152 km from Penticton.
- JUNE 7 at 22 37 56 U. T. Magnitude 1.8 150 km from Penticton.
- JUNE 9 at 16 26 07 U. T. Magnitude 1.3 81 km from Penticton.
- JUNE 9 at 06 15 37 U. T. Magnitude 2.7 Epicentre at 49.9°N,  
127.3°W, near Esperanza Inlet. Q = c.
- JUNE 14 at 21 54 00 U. T. Magnitude 2.4 Epicentre probably  
in the Strait of Juan de Fuca.
- JUNE 14 at 03 34 03 U. T. Magnitude 1.7 186 km from Penticton.
- JUNE 17 at 00 18 49 U. T. Magnitude 2.5 Epicentre at 48°52'N,  
124°34'W, on south west Vancouver Island. Q = b
- JUNE 19 at 01 12 27 U. T. Magnitude 1.7 185 km from Penticton.
- JUNE 19 at 01 58 14 U. T. Magnitude 3.1 Epicentre at 49.0°N,  
127.6°W, west of Vancouver Island. Q = c.
- JUNE 19 at 07 23 27 U. T. Magnitude 2.1 98 km from Victoria,  
62 km from Alberni.
- JUNE 19 at 22 52 57 U. T. Magnitude 2.0 231 km from Penticton.
- JUNE 21 at 14 29 05 U. T. Magnitude 2.5 Epicentre at 49.9°N,  
124.2°W, near Jervis Inlet. Q = c.
- JUNE 21 at 18 54 09 U. T. Magnitude 0.8 88 km from Penticton.
- JUNE 21 at 22 03 35 U. T. Magnitude 2.2 313 km from Penticton.
- JUNE 22 at 01 08 10 U. T. Magnitude 2.4 282 km from Penticton.
- JUNE 22 at 11 49 54 U. T. Magnitude 0.9 130 km from Penticton.





International  
Seismological  
Centre

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QUEEN'S PRINTER AND CONTROLLER OF STATIONERY  
OTTAWA, 1963





**SEISMOLOGICAL SERIES**  
of the  
**DOMINION OBSERVATORY**

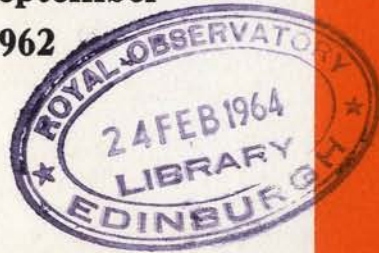
**1962-1**

(Continued)

**Seismological Bulletin**

**July - September**

**1962**



**Seismological Service  
of Canada**

**OTTAWA, CANADA**

Department of Mines and Technical Surveys

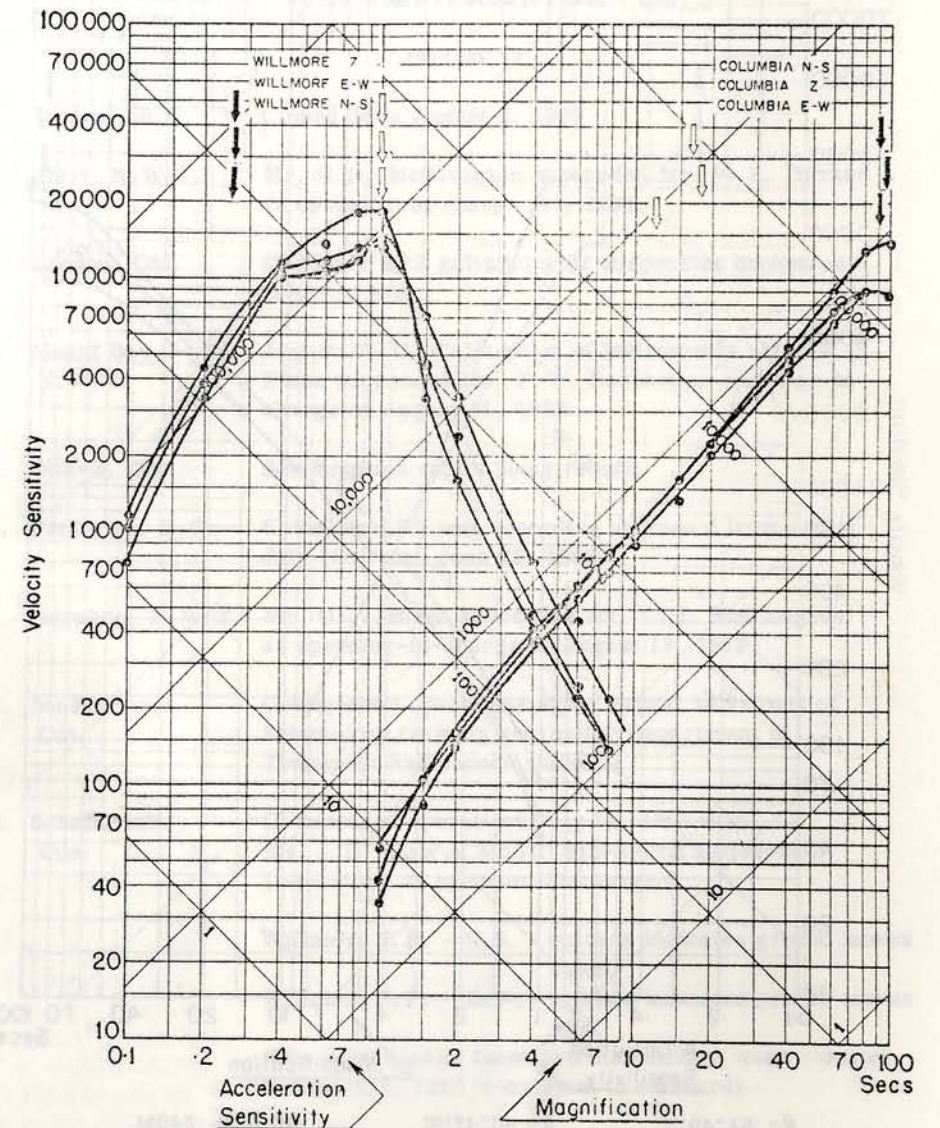
**DOMINION OBSERVATORIES**

**1963**



CALIBRATION CURVES

STATION: MOULD BAY



$\phi = 76^{\circ}14'N$        $\lambda = 119^{\circ}20'W$       Altitude

Foundation : Regolith and solifluxion deposits overlying Devonian sandstone (permafrost)

$T_s \uparrow$        $T_g \uparrow$

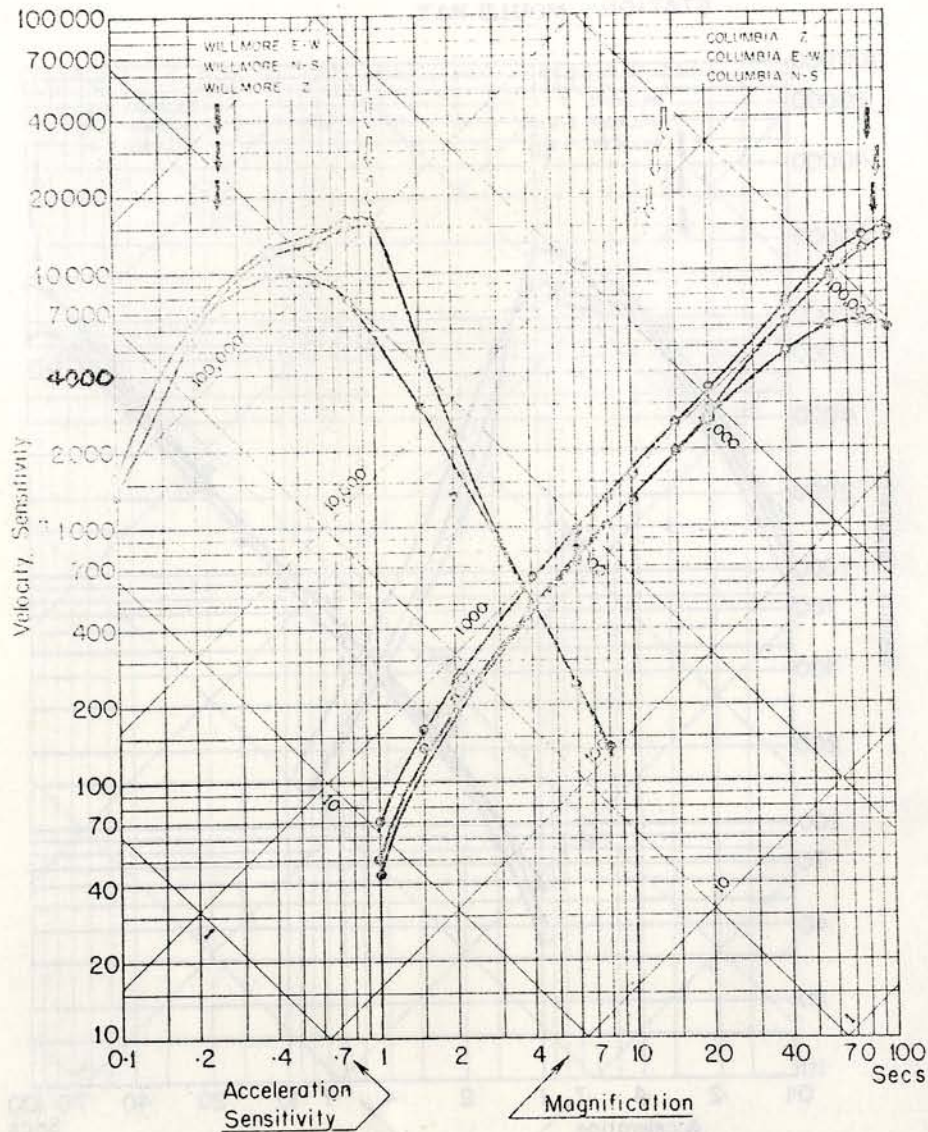
Date of Calibration: 1962

WILLMORE'S      COLUMBIA'S

S. P. -Z.	AUG. - 27	L. P. -Z.	AUG. - 31
S. P. H. - N. S.	AUG. - 27	L. P. H. - N. S.	AUG. - 30
S. P. H. - E. W.	AUG. - 27	L. P. H. - E. W.	AUG. - 30



CALIBRATION CURVES  
STATION: SCHEFFERVILLE



$\phi = 54^{\circ}49'N$        $\lambda = 66^{\circ}47'W$       Altitude 540M

Foundation: Precambrian foundation rocks.

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration:

WILLMORE'S

COLUMBIA'S

S.P. -Z	JULY - 17	L.P. -Z	JULY - 19
S.P.H. - N.S.	JULY - 17	L.P.H. - N.S.	JULY - 19
S.P.H. - E.W.	JULY - 17	L.P.H. - E.W.	JULY - 19

SEISMOLOGICAL BULLETIN - 1962

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NOTES

1. Alberni, B. C. Closed down August 2, 1962
2. Alert, N. W. T. Mr. C. H. McCloughan succeeded Mr. W. R. Darker as operator-in-charge July 1962.
3. London, Ont. Columbia LPZ galvanometer suspension broken on July 6, 1962.
4. Mould Bay, N. W. T. August 27-31, Calibration of instruments. Mr. W. T. Piche succeeded Mr. P. W. Basham as operator-in-charge on August 31, 1962.
5. Ottawa, Ont. Seismograph vaults being rebuilt.
6. Penticton, B. C. Columbia LPZ was recording uptrace d from end of July 1961 until June 22, 1962.
7. Resolute, N. W. T. Mr. O. J. Jensen succeeded Mr. C. H. McCloughan as operator-in-charge on August 19, 1962.
8. Scarborough, Ont. Commenced operations again August 14 as part of Seismology training course for Department of Transport Radiosonde students.
9. Schefferville, Que. Commenced operations July 11, 1962 with Mr. J. B. Shaw of McGill Sub-Arctic Research Laboratory as operator-in-charge.

Willmore S. P. - N. S. - uptrace indicates ground moves south.

Willmore S. P. - E. W. - uptrace indicates ground moves west.

(The polarities of these two instruments were changed February 6, 1963 to conform to standard)



DOMINION OBSERVATORIES

JULY 1  
U.S.C.G.S.  
14.1S, 167.2E  
New Hebrides Islands  
H = 01 32 11.0  
h = about 156 km  
Penticton  
iP 01 44 54 d

JULY 1  
U.S.C.G.S.  
40.8N, 49.9E  
Off coast of  
Azerbaijan,  
S.S.R.  
H = 11 46 29.8  
h = about 46 km  
Mould Bay  
P 11 56 55

JULY 2  
Canadian Arctic  
H = 09 32 53.1  
Mag 1.5  
Resolute  
P<sub>1</sub> 09 33 00.3  
S<sub>1</sub> 09 33 05.8  
D = 45.1 km

JULY 1  
U.S.C.G.S.  
30.1N, 102.8E  
Sinkiang Province,  
China  
H = 03 37 36.2  
h = about 25 km  
Mould Bay  
P 03 48 53  
Penticton  
eP 03 50 48

JULY 1  
U.S.C.G.S.  
40.0N, 75.4E  
Sinkiang Province,  
China  
H = 21 23 41.7  
h = about 25 km  
Mould Bay  
iP 21 34 12 c

JULY 3  
Penticton  
iP 00 19 56

JULY 3  
U.S.C.G.S.  
17.5S, 173.2W  
Tonga Islands region  
H = 06 23 36.0  
h = about 25 km  
Penticton  
iP 06 35 55

JULY 1  
Mould Bay  
P 04 01 02  
Penticton  
eP 03 57 53

JULY 2  
Mould Bay  
P 03 50 28

JULY 2  
Mould Bay  
P 08 32 16

JULY 1  
U.S.C.G.S.  
23.8S, 176.9W  
Tonga Islands region  
H = 05 07 37.0  
h = about 25 km  
Penticton  
eP 05 20 26

JULY 2  
U.S.C.G.S.  
36.7N, 70.9E  
Hindu Kush  
H = 03 16 55.6  
h = about 200 km  
Alberni  
iP 08 45 06  
Banff  
eP 08 45 35  
Mould Bay  
P 08 46 01  
Penticton  
iP 08 45 22 c  
Victoria

JULY 3  
U.S.C.G.S.  
28.0N, 56.2E  
Iran  
H = 06 31 08.5  
h = about 25 km  
Alert  
P 06 41 55

JULY 3  
U.S.C.G.S.  
56.3S, 142.5W  
About 600 miles west  
of Macquarie Islands  
H = 18 13 35.6  
h = about 25 km  
Alert  
eP' 18 33 08

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JULY 3  
U.S.C.G.S.  
4.3N, 31.6W  
Mid-Atlantic Ocean  
H = 21 16 59.3  
h = about 23 km  
Penticton  
iP 21 29 37  
Resolute  
eP 21 29 05

JULY 4  
Banff  
eP 09 13 59  
Penticton  
iP 09 14 01  
Resolute  
eP 09 16 25  
Mould Bay  
P 09 16 46

JULY 5  
Mould Bay  
P 05 44 45

JULY 5  
Mould Bay  
P 07 09 35

JULY 5  
U.S.C.G.S.  
30.9N, 141.4E  
South of Honshu,  
Japan  
H = 17 40 55.3  
h = about 23 km  
Mould Bay  
P 17 51 10

JULY 3  
Penticton  
iP 22 14 30

JULY 4  
U.S.C.G.S.  
14.3N, 93.2W  
Off coast of  
Guatemala  
H = 07 07 53.7  
h = about 25 km  
Mould Bay  
P 07 18 22  
Penticton  
iP 07 15 38

JULY 4  
Shawinigan Falls  
eP 20 23 18

JULY 5  
Penticton  
iP 02 44 16

JULY 6  
U.S.C.G.S.  
32.6N, 139.7E  
South of Honshu,  
Japan  
H = 01 15 34.8  
h = about 62 km  
Victoria  
eP 01 26 44

JULY 4  
U.S.C.G.S.  
54.5N, 36.7W  
About 500 miles  
south of Greenland  
H = 07 57 45.3  
h = about 25 km  
Mould Bay  
P 08 04 48

JULY 5  
U.S.C.G.S.  
47.3°N, 123.0°W  
Eastern Olympic  
Mountains, Washington,  
U.S.A.  
H = 03 16 02  
Mag 1.9  
Penticton  
eP<sub>n</sub> 03 16 50.0  
D = 335 km  
Victoria  
eP<sub>1</sub> 03 16 23.8  
eS<sub>1</sub> 03 16 40.1  
D = 134 km

JULY 6  
U.S.C.G.S.  
13.3N, 58.0E  
Arabian Sea,  
east of Socotra  
H = 02 12 19.9  
h = about 30 km  
Alert  
eP 02 24 32  
Mould Bay  
P 02 25 21  
Victoria  
eP' 02 31 04



DOMINION OBSERVATORIES

<p>JULY 6 U.S.C.G.S. 38.0N, 20.2E Ionian Sea H = 09 16 15.0 h = about 30 km Mag 5 (Pal) Alert eP 09 25 21 S 09 32 43 Banff eP 09 28 40 Halifax eP 09 26 24 Mould Bay P 09 26 42 Penticton iP 09 28 55 c Resolute eP 09 26 20 Shawinigan Falls eP 09 26 56 Victoria eP 09 29 07</p>	<p>JULY 6 U.S.C.G.S. 30.5N, 130.8E Northern Ryukyu Islands H = 15 11 21.8 h = about 25 km Mould Bay P 15 22 02 Penticton iP 15 23 24 Resolute eP 15 22 39</p> <p>JULY 6 Banff eP 17 03 04 Penticton eP 17 03 01 Victoria eP 17 03 13</p> <p>JULY 6 U.S.C.G.S. 60.3N, 152.1W Kenai Peninsula, Alaska H = 18 40 59.4 h = about 67 km Alert eP 18 47 09 Banff eP 18 45 48 Mould Bay P 18 45 22 Penticton iP 18 45 40 c Resolute iP 18 46 16</p> <p>JULY 6 H = 23 04 22 Mag 2.1 Penticton eP<sub>n</sub> 23 04 56.6 eS<sub>n</sub> 23 05 28.4 D = 260 km</p>	<p>JULY 6 U.S.C.G.S. 36.6N, 70.4E Hindu Kush H = 23 05 32.2 h = about 203 km Alberni iP 23 18 26 Banff eP 23 18 21 Halifax eP 23 18 06 d Mould Bay iP 23 16 07 c Penticton iP 23 18 28 c Resolute eP 23 16 13 Shawinigan Falls eP 23 18 14 Victoria iP 23 18 31 c</p> <p>JULY 6 Mould Bay P 23 44 09</p> <p>JULY 7 U.S.C.G.S. 30.7N, 84.4E Tibet H = 03 00 22.6 h = about 25 km Mould Bay P 03 11 47</p> <p>JULY 7 U.S.C.G.S. 51.3N, 178.6E Rat Islands, Aleutian Islands H = 06 12 48.9 h = about 60 km</p>
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<p>Alberni eP 06 19 40 Alert iP 06 20 46 c S 06 27 08 Banff eP 06 20 17 Halifax eP 06 24 (00) Mould Bay P 06 19 31 c Penticton iP 06 20 05 c Resolute eP 06 20 23 iP<sub>c</sub>P 06 22 25 Shawinigan Falls eP 06 23 21 Victoria eP 06 19 50</p> <p>JULY 7 Alert eP 07 08 05 Mould Bay P 07 06 53</p> <p>JULY 7 U.S.C.G.S. 51.3N, 178.8E Rat Islands, Aleutian Islands H = 07 14 34.6 h = about 60 km Alert eP 07 22 32 c Mould Bay P 07 21 18 Penticton eP 07 21 50</p> <p>JULY 7 Alert eP 10 27 35 Mould Bay P 10 26 22</p>	<p>Penticton eP 10 26 56</p> <p>JULY 7 Penticton eP 17 56 28</p> <p>JULY 7 U.S.C.G.S. 51.9N, 158.6E Near south of Kamchatka H = 21 20 57.7 h = about 33 km Alberni eP 21 29 26 Alert eP 21 29 08 Mould Bay P 21 28 20 Penticton iP 21 29 47 d Resolute eP 21 29 11 c Victoria eP 21 29 34</p> <p>JULY 8 U.S.C.G.S. 51.5N, 178.5E Rat Islands, Aleutian Islands H = 03 22 03.8 h = about 60 km Alberni iP 03 28 56 Alert iP 03 30 00 d Banff eP 03 29 33 Halifax eP 03 33 11 Mould Bay iP 03 28 47 d Penticton iP 03 29 20</p>	<p>Resolute eP 03 29 38 d iP<sub>c</sub>P 03 31 40 Shawinigan Falls eP 03 32 36 Victoria eP 03 29 05</p> <p>JULY 8 U.S.C.G.S. 55.5S, 30.1W Sandwich Islands H = 04 03 56.8 h = about 25 km Mould Bay P' 04 23 23 Penticton eP' 04 22 (55)</p> <p>JULY 8 U.S.C.G.S. 8.1N, 38.0W Mid-Atlantic Ocean H = 07 30 49.7 h = about 25 km Banff eP 07 42 35 Mould Bay P 07 42 59 Penticton iP 07 42 49 Resolute eP 07 42 24 c</p> <p>JULY 8 U.S.C.G.S. 22.0S, 179.8W Fiji Islands H = 12 02 33.2 h = about 600 km Penticton iP 12 14 26 c</p>
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DOMINION OBSERVATORIES

JULY 8 Penticton iP 13 07 00	JULY 9 Mould Bay P 21 50 14	JULY 11 Shawinigan Falls eP 07 18 08
JULY 9 Penticton eP 17 49 37	JULY 10 Penticton iP 00 53 42	JULY 11 U.S.C.G.S. 53.2N, 159.6E Kamchatka H = 07 17 27.4 h = about 69 km Alert eP 07 25 22 c Mould Bay iP 07 24 33 c Penticton iP 07 26 02 Shawinigan Falls eP 07 28 40
JULY 8 Banff eP 17 52 40	JULY 10 U.S.C.G.S. 20.8S, 178.7W Fiji Islands H = 05 12 06.4 h = about 584 km Penticton iP 05 23 52 d	JULY 11 U.S.C.G.S. 11.9N, 122.1E Panay, Philippine Islands H = 12 40 30.7 h = about 25 km Alberni eP 12 53 57 Alert eP 12 53 10 S 13 03 36 Mould Bay P 12 53 05 Penticton eP 12 54 04 Resolute eP 12 53 37
JULY 9 Mould Bay P 09 55 39 Penticton iP 09 56 03	JULY 10 U.S.C.G.S. 22.3S, 177.2W Tonga Islands H = 12 56 03.8 h = about 333 km Penticton iP 13 08 18	JULY 11 U.S.C.G.S. 31.8N, 66.9E Afghanistan H = 01 03 59.3 h = about 25 km Alert eP 01 14 28 Mould Bay P 01 15 22
JULY 9 U.S.C.G.S. 44.0N, 147.8E Kurile Islands H = 13 53 00 h = about 66 km Mould Bay P 14 01 38 Resolute iP 14 02 24	JULY 10 U.S.C.G.S. 6.5S, 75.2W Central Peru H = 19 21 36.9 h = about 46 km Penticton iP 19 32 32 d	JULY 11 Mould Bay P 13 48 33
JULY 9 Penticton iP 14 50 10	JULY 9 Mould Bay P 17 48 58	

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JULY 11 U.S.C.G.S. 6.5N, 73.2W Colombia H = 13 58 24.5 h = about 115 km Mould Bay P 14 09 49 Penticton iP 14 08 06	Penticton iP 09 45 00 d	JULY 13 U.S.C.G.S. 30.5N, 79.6E Tibet-India border H = 05 01 08.6 h = about 25 km Mould Bay P 05 12 37
JULY 11 Shawinigan Falls eP 18 44 (16)	JULY 12 U.S.C.G.S. 3.9S, 104.1W South Pacific Ocean H = 22 50 58.8 h = about 25 km Alert eP 23 03 43 Mould Bay P 23 03 11 Penticton iP 23 00 26	JULY 13 Penticton iP 13 47 21
JULY 11 H = 23 06 02 Mag 1.8 Penticton eP <sub>1</sub> 23 06 31.1 eS <sub>1</sub> 23 06 53.5 D = 183 km	JULY 12 U.S.C.G.S. 10.4N, 122.6E Panay, Philippine Islands H = 03 32 00.5 h = 66 km Alert eP 03 44 41 SKS 03 55 05 iS 03 55 21 Halifax eP' 03 50 54 Mould Bay P 03 44 37 Penticton iP 03 45 38	JULY 13 Penticton eP 15 54 44
JULY 12 Penticton eP 07 00 09	JULY 13 U.S.C.G.S. 52.2°N, 129.9°W South east of Queen Charlotte Islands H = 20 09 47 Mag 4.3 Alberni iP <sub>n</sub> 20 10 44.0 eS <sub>n</sub> 20 11 44.4 D = 480 km Penticton eP <sub>n</sub> 20 11 29 D = 781 km Victoria eP <sub>n</sub> 20 11 01 D = 634 km	JULY 13 Penticton eP 16 03 05
JULY 12 U.S.C.G.S. 17.9S, 178.7W Fiji Islands region H = 09 33 21.8 h = about 545 km		



DOMINION OBSERVATORIES

<p>JULY 13 U. S. C. G. S. 56.2N, 164.0E Komandorskie Islands region H = 22 19 23.3 h = about 59 km Alberni eP 22 27 09 Alert eP 22 26 50 c Banff eP 22 27 40 Mould Bay P 22 25 57 Penticton eP 22 27 28</p> <p>JULY 13 U. S. C. G. S. 11.9S, 75.1W Peru H = 22 55 48.4 h = about 91 km Mould Bay P 23 08 35 Penticton iP 23 07 07 d Shawinigan Falls eP 23 05 36</p> <p>JULY 14 U. S. C. G. S. 51.5N, 179.0E Rat Islands, Aleutian Islands H = 01 02 51.5 h = about 25 km Alberni iP 01 09 45 Alert eP 01 10 50 Mould Bay iP 01 09 36 c Penticton iP 01 10 10 c Schefferville eP 01 13 02 c</p>	<p>JULY 14 U. S. C. G. S. 27.3N, 56.7E Iran H = 06 44 26.5 h = about 30 km Alert eP 06 55 18 Mould Bay P 06 56 17</p> <p>JULY 14 U. S. C. G. S. 30.4N, 79.5E Tibet-India border H = 15 58 53.7 h = about 40 km Alert eP 16 09 37 Mould Bay P 16 10 21</p> <p>JULY 14 U. S. C. G. S. 40.3N, 124.4W Northern California H = 19 43 52.6 h = about 25 km Alberni eP 19 46 12 Banff eP 19 46 55 Penticton eP 19 46 12 Victoria eP 19 45 53</p>	<p>JULY 14 U. S. C. G. S. 16.9N, 99.1W Southern Mexico H = 20 23 14.6 h = about 25 km Penticton iP 20 30 18 d</p> <p>JULY 14 U. S. C. G. S. 50.2N, 155.8E Kurile Islands H = 20 38 01.3 h = about 60 km Alert eP 20 46 23 Mould Bay P 20 45 40 c Penticton iP 20 47 05 c Resolute iP 20 46 30 c Shawinigan Falls iP 20 49 38 c Victoria eP 20 46 51</p> <p>JULY 14 Shawinigan Falls eP 21 00 50</p> <p>JULY 14 U. S. C. G. S. 18.7N, 145.5E Mariana Islands H = 23 34 33.7 h = about 198 km Mould Bay P 23 45 44 Penticton iP 23 46 17 Resolute eP 23 46 18</p>
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<p>JULY 15 68.4°N, 72.9°W Baffin Bay, 150 miles east of Bylot Island, N. W. T. H = 03 30 14.5 Mag 4.4 Alert P<sub>n</sub> 03 32 31 S<sub>n</sub> 03 34 11 D = 1080 km Mould Bay P<sub>n</sub> 03 33 21 S<sub>n</sub> 03 35 37 D = 1515 km Resolute eP<sub>n</sub> 03 32 01.5 iS<sub>n</sub> 03 33 15 D = 790 km</p> <p>JULY 15 Penticton eP 04 37 07</p> <p>JULY 15 Penticton eP 05 45 36</p> <p>JULY 15 U. S. C. G. S. 39.8N, 140.9E Honshu, Japan H = 06 47 22.5 h = about 103 km Alert iP 06 57 03 d S 07 04 52 i<sub>s</sub>S 07 05 33 Mould Bay iP 06 56 37 d Penticton iP 06 58 03 d Resolute iP 06 57 20 d Schefferville iP 06 59 37 c iP 07 00 03</p>	<p>Shawinigan Falls eP 07 00 07 Victoria eP 06 57 52</p> <p>JULY 15 U. S. C. G. S. 14.7N, 146.3E Mariana Islands region H = 09 33 39.3 h = about 25 km Alert eP 09 46 00 Mould Bay P 09 45 30 Penticton iP 09 45 55 Resolute eP 09 46 03</p> <p>JULY 15 U. S. C. G. S. 45.0N, 110.2W Wyoming and Montana border H = 11 59 21.9 h = about 25 km Penticton eP 12 01 12</p> <p>JULY 15 U. S. C. G. S. 9.3S, 78.9W Near coast of Peru H = 14 43 50.1 h = about 80 km Mould Bay P 14 56 35 Penticton iP 14 54 45</p>	<p>JULY 15 U. S. C. G. S. 40.2N, 142.4E Honshu, Japan H = 15 12 44.1 h = about 55 km Alert eP 15 22 20 e 15 22 26 Mould Bay P 15 21 59 Penticton iP 15 23 12 Resolute iP 15 22 41 c</p> <p>JULY 15 U. S. C. G. S. 51.3N, 178.4W Andreanof Islands, Aleutian Islands H = 17 03 13.9 h = about 25 km Mould Bay P 17 09 54 Penticton iP 17 10 21</p> <p>JULY 15 Mould Bay P 19 44 39 Penticton eP 19 45 24</p> <p>JULY 16 U. S. C. G. S. 52.1S, 138.9E South of Tasmania H = 02 04 52.6 h = about 14 km Mould Bay P' 02 24 23</p>
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DOMINION OBSERVATORIES

JULY 16  
U.S.C.G.S.  
11.2S, 79.8W  
Near coast of Peru  
H = 04 49 21.5  
h = about 75 km  
Mould Bay  
P 05 02 16  
Penticton  
iP 05 00 26 d  
Schefferville  
eP 05 00 06  
Shawinigan Falls  
eP 04 59 09

JULY 16  
U.S.C.G.S.  
62.3N, 153.1W  
Alaska  
H = 12 54 40.6  
h = about 39 km  
Alert  
eP 13 00 38  
Banff  
iP 12 59 42  
Halifax  
iP 13 03 43 c  
Mould Bay  
P 12 58 48  
Penticton  
iP 12 59 37 c  
Resolute  
eP 12 59 45  
Schefferville  
iP 13 02 32 c  
eS 13 08 54  
Victoria  
iP 12 59 26

JULY 16  
U.S.C.G.S.  
17.8S, 178.4W  
Fiji Islands region  
H = 07 50 09.8  
h = about 519 km  
Penticton  
iP 08 01 49 d

JULY 16  
U.S.C.G.S.  
13.0S, 167.2E  
Santa Cruz Islands region  
H = 09 25 55.4  
h = about 180 km  
Banff  
eP 09 39 33  
Penticton  
iP 09 38 32  
Victoria  
pP 09 39 07

JULY 16  
U.S.C.G.S.  
11.6N, 87.1W  
Nicaragua  
H = 04 12 45.4  
h = about 25 km

Mould Bay  
P 04 23 34  
Penticton  
iP 04 21 11  
Resolute  
eP 04 23 11  
Schefferville  
eP 04 21 06 c

JULY 17  
U.S.C.G.S.  
43.0S, 74.9W  
Near coast of Chile  
H = 05 32 08.8  
h = about 26 km  
Alert  
eP' 05 51 08 d  
Halifax  
eP 05 44 58 d  
Mould Bay  
P' 05 51 01  
Shawinigan Falls  
eP 05 45 03

JULY 17  
Mould Bay  
P 08 00 42  
Penticton  
eP 07 57 48  
Resolute  
eP 08 00 28

JULY 17  
H = 08 44 50  
Mag 1.8  
Victoria  
iP<sub>1</sub> 08 45 00.7  
iS<sub>1</sub> 08 45 09.0  
D = 68 km

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JULY 17  
U.S.C.G.S.  
14.8N, 92.9W  
Near south of Mexico and Guatemala border  
H = 09 41 01.4  
h = about 120 km  
Alert  
eP 09 51 (49)  
Banff  
iP 09 48 31  
Mould Bay  
P 09 51 17  
Penticton  
iP 09 48 33 d  
Resolute  
iP 09 50 57 d

JULY 17  
Penticton  
eP 14 20 24

JULY 17  
U.S.C.G.S.  
43.1N, 144.5E  
Hokkaido, Japan  
H = 17 20 22.9  
h = about 30 km  
Alert  
eP 17 29 45  
S 17 37 15  
iS<sub>c</sub>S 17 39 32  
Halifax  
eP 17 33 (18)  
Mould Bay  
P 17 29 17  
Penticton  
iP 17 30 43  
Resolute  
iP 17 30 01 c  
Shawinigan Falls  
eP 17 32 53  
Victoria  
eP 17 30 41

JULY 17  
Penticton  
iP 19 16 21

JULY 18  
U.S.C.G.S.  
9.6S, 119.8E  
Sumba Island  
H = 05 53 48.1  
h = about 68 km  
Halifax  
iP' 06 13 20 d

JULY 18  
Mould Bay  
P 10 13 08  
Resolute  
eP 10 13 41

JULY 18  
U.S.C.G.S.  
15.3N, 148.1E  
Mariana Islands  
H = 10 10 12.7  
h = about 16 km  
Alert  
eP 10 22 31 c  
Mould Bay  
P 10 22 00  
Penticton  
iP 10 22 24 c  
Resolute  
eP 10 22 33

JULY 18  
Alert  
(P) 10 27 50  
Mould Bay  
P 10 27 33

JULY 18  
62.5°N, 65.0°W  
Frobisher Bay near Loks Land, N.W.T.  
H = 11 21 44  
Mag 4.9  
Resolute  
eS<sub>n</sub> 11 27 57  
L<sub>g</sub> 11 29 52  
D = 1720 km  
Schefferville  
P<sub>n</sub> 11 23 32  
S<sub>n</sub> 11 24 52  
L<sub>g</sub> 11 25 40  
D = 850 km  
Shawinigan Falls  
L<sub>g</sub> 11 30 11  
D = 1810 km

JULY 18  
Mould Bay  
P 20 49 54  
Penticton  
iP 20 47 10

JULY 19  
U.S.C.G.S.  
17.3S, 173.3W  
Tonga Islands region  
H = 03 39 45.3  
h = about 15 km  
Penticton  
e 03 52 17

JULY 19  
U.S.C.G.S.  
20.6S, 68.7W  
Near Bolivia and Chilean border  
H = 12 02 31.3  
h = about 160 km  
Penticton  
iP 12 14 38 d  
Schefferville  
iP 12 13 57 c  
Shawinigan Falls  
eP 12 13 10



## DOMINION OBSERVATORIES

JULY 19  
 H = 19 50 41  
 Mag 2.1  
 Penticton  
 eP<sub>n</sub> 19 51 11.5  
 eS<sub>n</sub> 19 51 35.2  
 D = 194 km

JULY 19  
 U.S.C.G.S.  
 39.8N, 140.7E  
 Honshu, Japan  
 H = 22 05 45.0  
 h = about 93 km  
 Alert  
 eP 22 15 27 d  
 Mould Bay  
 P 22 15 02

JULY 20  
 Penticton  
 iP 01 30 40

JULY 20  
 U.S.C.G.S.  
 51.5N, 173.6W  
 Fox Islands,  
 Aleutian Islands  
 H = 04 36 41.0  
 h = about 25 km  
 Penticton  
 eP 04 43 23

JULY 20  
 Alert  
 eP 05 33 (21)  
 i 05 35 41  
 i 05 39 20

JULY 20  
 U.S.C.G.S.  
 39.5N, 118.3W  
 Nevada  
 H = 09 02 08.3  
 h = about 25 km  
 Mag 5 1/4 (Pas)  
 Penticton  
 iP 09 04 31 d

JULY 20  
 U.S.C.G.S.  
 21.0S, 174.8W  
 Tonga Islands region  
 H = 16 27 20.9  
 h = about 28 km  
 Penticton  
 iP 16 39 59 d

JULY 20  
 H = 17 06 07  
 Mag 2.6  
 Penticton  
 eP<sub>n</sub> 17 06 48.2  
 eS<sub>n</sub> 17 07 23.0  
 D = 285 km  
 Victoria  
 e 17 07 33.1

JULY 20  
 Shawinigan Falls  
 eP 18 48 (55)

JULY 20  
 H = 20 40 31  
 Mag 2.5  
 Penticton  
 eP<sub>n</sub> 20 41 04.5  
 eS<sub>n</sub> 20 41 33.6  
 D = 238 km

JULY 21  
 Alert  
 eP 08 13 (39)

JULY 21  
 Mould Bay  
 P 08 30 31

JULY 21  
 Penticton  
 iP 13 22 21

JULY 21  
 U.S.C.G.S.  
 37.0N, 71.9E  
 Hindu Kush region  
 H = 17 28 34.7  
 h = about 38 km  
 Mould Bay  
 P 17 39 28

JULY 21  
 Penticton  
 iP 21 10 37

JULY 21  
 Banff  
 eP 21 11 32

JULY 22  
 U.S.C.G.S.  
 86.9N, 50.8E  
 North of Franz Josef  
 Land  
 H = 00 21 00.8  
 h = about 33 km  
 Alert  
 eP 00 23 09  
 i(S) 00 24 48  
 Mould Bay  
 P 00 24 54  
 Resolute  
 eP 00 25 10 d

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JULY 22  
 U.S.C.G.S.  
 5.9S, 151.7E  
 New Britain region  
 H = 00 21 30.9  
 h = about 81 km  
 Mould Bay  
 P 00 34 51  
 Penticton  
 iP 00 34 44

JULY 22  
 Penticton  
 iP 10 12 30

JULY 22  
 U.S.C.G.S.  
 8.4S, 158.8E  
 Solomon Islands  
 H = 13 36 49.7  
 h = about 107 km  
 Penticton  
 iP 13 49 45

JULY 23  
 U.S.C.G.S.  
 10.7N, 86.5W  
 Off coast of  
 Costa Rica  
 H = 01 12 52.6  
 h = about 44 km  
 London  
 eP 01 19 22 d  
 Mould Bay  
 P 01 23 48  
 Penticton  
 iP 01 21 21 c  
 Resolute  
 eP 01 23 24  
 Schefferville  
 iP 01 21 18 c  
 Shawinigan Falls  
 eP 01 20 05

JULY 23  
 Penticton  
 P 05 57 53

JULY 23  
 Shawinigan Falls  
 eP 06 13 (34)

JULY 23  
 Penticton  
 eP 11 15 07

JULY 23  
 Penticton  
 iP 15 10 15

JULY 23  
 U.S.C.G.S.  
 19.0N, 65.1W  
 Virgin Islands region  
 H = 22 11 54.6  
 h = about 25 km  
 Alert  
 eP 22 22 25  
 Halifax  
 eP 22 17 27  
 Mould Bay  
 P 22 22 26  
 Penticton  
 eP 22 21 07  
 Shawinigan Falls  
 eP 22 17 (56)  
 Victoria  
 eP 22 21 25

JULY 23  
 U.S.C.G.S.  
 15.5N, 92.5W  
 Mexico-Guatemala  
 border region  
 H = 21 08 22.6  
 h = about 129 km  
 Alert  
 iP 21 19 08  
 iP 21 19 34  
 S 21 28 (02)  
 Banff  
 iP 21 15 46  
 Halifax  
 eP 21 15 29 c  
 London  
 eP 21 14 13  
 iP 21 14 38  
 Mould Bay  
 P 21 18 32  
 Penticton  
 iP 21 15 49 c

JULY 24  
 U.S.C.G.S.  
 10.4N, 85.8W  
 Costa Rica  
 H = 03 59 14.4  
 h = about 25 km  
 Penticton  
 iP 04 07 52 d

JULY 24  
 U.S.C.G.S.  
 10.3N, 121.5E  
 Sulu Sea  
 H = 16 23 10.8  
 h = about 21 km  
 Mould Bay  
 P 16 35 56

JULY 24  
 U.S.C.G.S.  
 15.5N, 92.5W  
 Mexico-Guatemala  
 border region  
 H = 21 08 22.6  
 h = about 129 km  
 Alert  
 iP 21 19 08  
 iP 21 19 34  
 S 21 28 (02)  
 Banff  
 iP 21 15 46  
 Halifax  
 eP 21 15 29 c  
 London  
 eP 21 14 13  
 iP 21 14 38  
 Mould Bay  
 P 21 18 32  
 Penticton  
 iP 21 15 49 c

JULY 24  
 Resolute  
 eP 21 18 09  
 Schefferville  
 eP 21 16 (18)  
 Shawinigan Falls  
 eP 21 15 05  
 iP 21 15 28  
 Victoria  
 iP 21 16 00 c



## DOMINION OBSERVATORIES

<p>JULY 24 Alert i 22 58 10</p> <p>JULY 25 U.S.C.G.S. 14.4S, 76.1W Near coast of southern Peru H = 00 11 52.2 h = about 46 km Mould Bay P 00 25 07</p> <p>JULY 25 U.S.C.G.S. 18.9N, 81.1W West of Jamaica H = 04 37 50.7 h = about 64 km Mag 6 (Pas) 5 1/2 (Brk) 6 (Pal) Alert eP 04 48 16 S 04 56 54 Banff eP 04 45 36 Halifax iP 04 43 53 d London iP 04 43 03 d Mould Bay P 04 47 58 Resolute eP 04 47 22 Schefferville iP 04 44 58 d Shawinigan Falls eP 04 43 42 Victoria iP 04 46 07</p>	<p>JULY 25 U.S.C.G.S. 14.3S, 75.5W Near coast of southern Peru H = 06 05 15.9 h = about 100 km Mould Bay P 06 18 25</p> <p>JULY 25 Penticton iP 11 19 54</p> <p>JULY 26 U.S.C.G.S. 4.9S, 81.3W Off coast of northern Chile H = 02 33 15.3 h = about 25 km Penticton iP 02 43 47 Schefferville eP 02 43 25</p> <p>JULY 26 U.S.C.G.S. 47.1N, 153.9E Kurile Islands H = 04 23 11.9 h = about 35 km Alert eP 04 32 01 Mould Bay P 04 31 21 Penticton iP 04 32 40 Resolute eP 04 32 10 c Schefferville iP 04 34 41 c Shawinigan Falls eP 04 35 10</p>	<p>JULY 26 U.S.C.G.S. 7.5N, 82.7W South of Panama H = 08 14 41.8 h = about 21 km Alert eP 08 26 26 Banff iP 08 23 47 Halifax eP 08 22 20 London P 08 21 40 Mould Bay P 08 26 02 Penticton iP 08 23 52 d Resolute eP 08 25 38 Schefferville iP 08 23 28 c iS 08 30 28 Shawinigan Falls eP 08 22 15 Victoria iP 08 24 04 d</p> <p>JULY 26 49.4°N, 127.0°W West of Vancouver Island H = 16 44 34 Mag 3.5 Penticton eP<sub>n</sub> 16 45 49 D = 560 km Victoria eP<sub>n</sub> 16 45 17.0 eS<sub>n</sub> 16 45 53.1 D = 296 km</p> <p>JULY 26 Penticton eP 19 07 58</p>
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<p>JULY 26 U.S.C.G.S. 56.4S, 25.7W Sandwich Islands region H = 21 32 17.9 h = about 25 km Mould Bay P' 21 51 50 Penticton iP' 21 51 26</p> <p>JULY 27 Penticton eP 00 57 02</p> <p>JULY 27 Penticton eP 01 27 52</p> <p>JULY 27 U.S.C.G.S. 21.7N, 144.4E North of Mariana Islands H = 01 16 50.8 h = about 100 km Alert eP 01 28 25</p> <p>JULY 27 Penticton iP 04 26 51</p> <p>JULY 27 Alert eP 04 30 17</p> <p>JULY 27 Penticton eP 05 38 29 Victoria iP 05 38 30 c</p>	<p>JULY 27 U.S.C.G.S. 14.8S, 167.6E New Hebrides Islands H = 06 11 55.3 h = about 205 km Penticton iP 06 24 39 d</p> <p>JULY 27 Shawinigan Falls eP 07 42 49</p> <p>JULY 27 Penticton eP 08 06 59</p> <p>JULY 27 U.S.C.G.S. 51.6N, 174.1W Andreanof Islands, Aleutian Islands H = 12 38 35.1 h = about 60 km Alert eP 12 46 24 Mould Bay P 12 45 03 Penticton iP 12 45 19</p> <p>JULY 27 Penticton iP 13 18 41</p> <p>JULY 27 Penticton eP 16 08 23</p> <p>JULY 27 47°15'N, 70°40'W About 15 miles southwest of Baie-St-Paul, Quebec H = 17 56 56.5 Mag 4.3</p>	<p>Halifax P<sub>n</sub> 17 58 18.5 S<sub>n</sub> 17 59 20.0 L<sub>g</sub> 17 59 48 D = 625 km London e 18 00 36.5 L<sub>g</sub> 18 01 23 D = 965 km Montreal P<sub>1</sub> 17 57 42 i 17 57 45.2 S<sub>1</sub> 17 58 17 D = 287 km Schefferville P<sub>n</sub> 17 58 51.5 S<sub>n</sub> 18 00 17 L<sub>g</sub> 18 00 56 D = 895 km Shawinigan Falls P<sub>1</sub> 17 57 27 S<sub>1</sub> 17 57 50.0 D = 188 km</p> <p>JULY 27 U.S.C.G.S. 13.2S, 167.1E Santa Cruz Islands region H = 19 26 34.6 h = about 286 km Penticton iP 19 39 03</p> <p>JULY 28 U.S.C.G.S. 16.2S, 173.2W Samoa Islands region H = 00 05 10.8 h = about 40 km Alberni iP 00 17 10 Banff iP 00 17 39 Mould Bay P 00 18 44 Penticton iP 00 17 22 c Victoria eP 00 17 10</p>
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DOMINION OBSERVATORIES

JULY 28  
U.S.C.G.S.  
4.1S, 79.7W  
Ecuador  
H = 02 32 26.0  
h = about 110 km  
Penticton  
iP 02 42 48 d

JULY 28  
U.S.C.G.S.  
31.0S, 67.8W  
San Juan Province,  
Argentina  
H = 06 02 24.1  
h = about 217 km  
Penticton  
iP 06 15 12

JULY 28  
Alert  
eP 12 26 25

JULY 28  
Penticton  
iP 13 34 54

JULY 28  
U.S.C.G.S.  
14.8N, 93.0W  
Near coast of  
Chiapas, Mexico  
H = 13 58 41.2  
h = about 71 km  
Mag 4 1/2 (Pal)  
Alert  
eP 14 09 42  
Banff  
iP 14 06 18  
Mould Bay  
iP 14 09 05 c  
Penticton  
iP 14 06 20 c

Resolute  
iP 14 08 44 d  
Victoria  
eP 14 06 28 c

JULY 28  
Mould Bay  
iP 14 40 09 c  
Penticton  
iP 14 39 46

JULY 28  
Alert  
eP 15 00 49

JULY 28  
U.S.C.G.S.  
36.9N, 141.9E  
Off coast of  
Honshu, Japan  
H = 19 43 00.3  
h = about 39 km  
Alert  
eP 19 53 06  
Mould Bay  
P 19 52 41  
Penticton  
iP 19 53 56  
Victoria  
eP 19 53 45 d

JULY 28  
U.S.C.G.S.  
44.6N, 148.6E  
Kurile Islands  
H = 20 46 26.0  
h = about 32 km  
Banff  
iP 20 56 34  
Mould Bay  
P 20 55 03  
Penticton  
iP 20 56 26

Resolute  
eP 20 55 49  
Schefferville  
P 20 58 17

JULY 28  
U.S.C.G.S.  
42.5N, 142.8E  
Hokkaido, Japan  
H = 21 54 42.4  
h = about 48 km  
Penticton  
iP 22 05 12 d

JULY 29  
U.S.C.G.S.  
25.5N, 125.4E  
Ryukyu Islands  
H = 03 37 24.4  
h = about 184 km  
Alert  
eP 03 48 34 d  
Mould Bay  
P 03 48 28

JULY 29  
49.9°N, 124.1°W  
Jervis Inlet  
H = 05 32 10  
Mag 2.7  
Alberni  
iP<sub>1</sub> 05 32 25.7  
iS<sub>1</sub> 05 32 37.8  
D = 95 km  
Penticton  
eP<sub>n</sub> 05 32 58.3  
e 05 33 33.2  
D = 345 km  
Victoria  
eP<sub>1</sub> 05 32 32.7  
eS<sub>1</sub> 05 32 50.1  
D = 143 km

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JULY 29  
50.8°N, 124.5°W  
Bute Inlet  
H = 06 55 12  
Mag 2.4  
Alberni  
iP<sub>1</sub> 06 55 39.9  
iS<sub>1</sub> 06 57 01.2  
D = 174 km  
Penticton  
eP<sub>n</sub> 06 56 06.9  
D = 395 km  
Victoria  
eP<sub>n</sub> 06 55 49.5  
D = 252 km

JULY 29  
Alert  
i 13 05 27

JULY 30  
U.S.C.G.S.  
2.5S, 77.0W  
Ecuador-Peru  
border  
H = 06 58 35.6  
h = about 146 km  
Penticton  
eP 07 08 52

JULY 30  
Alert  
eP 10 30 40  
Resolute  
P 10 29 41  
Penticton  
eP 10 27 18

JULY 30  
U.S.C.G.S.  
3.3S, 143.9E  
Near north coast  
of New Guinea  
H = 17 16 44.4  
h = about 25 km  
Mag 6 3/4 - 7 (Pas)  
7 (Brk)  
7 (Pal)

Alberni  
iP 17 30 02  
Alert  
eP 17 30 29  
Banff  
eP 17 30 26  
Halifax  
eP' 17 36 (00)  
London  
iP' 17 35 43  
Mould Bay  
P 17 30 05  
Penticton  
iP 17 30 16 c  
Resolute  
P 17 30 36  
Schefferville  
eP' 17 35 41  
Shawinigan Falls  
eP' 17 35 48  
Victoria  
iP 17 30 05 c

JULY 30  
U.S.C.G.S.  
5.0N, 76.3W  
Western Colombia  
H = 20 18 49.3  
h = about 45 km  
Mag 6 3/4 (Pas)  
6 3/4 (Brk)  
6 (Pal)

Alberni  
eP 20 28 54  
Alert  
iP 20 30 40  
Banff  
iP 20 28 25  
Halifax  
eP 20 26 (31)  
London  
P 20 26 04  
Mould Bay  
P 20 30 24  
Penticton  
iP 20 28 32  
Resolute  
iP 20 29 57  
Schefferville  
eP 20 27 40  
Shawinigan Falls  
eP 20 26 33  
Victoria  
eP 20 28 45 c

JULY 31  
Penticton  
iP 01 28 48 c

JULY 31  
Alert  
i 04 11 32

JULY 31  
Penticton  
iP 04 20 35



DOMINION OBSERVATORIES

JULY 31	JULY 31	Banff
Alert	Alert	eP 04 50 40
eP 05 19 57	eP 07 24 21	Halifax
Mould Bay	i 07 24 48	eP' 04 56 11
P 05 19 41		London
Penticton		iP' 04 55 54
iP 05 21 07 d	JULY 31	Mould Bay
Resolute	Alert	P 04 50 16
iP 05 20 20 d	i 11 30 10	Penticton
		iP 04 50 28
		PKKP 05 07 10
JULY 31		Resolute
U. S. C. G. S.	JULY 31	iP 04 50 54
18.8N, 120.8E	U. S. C. G. S.	Schefferville
Near south coast	19.7S, 67.7W	eP' 04 55 53
of Luzon, Philippine	Southern Bolivia	Victoria
Islands	H = 11 25 05.5	eP 04 50 15 d
H = 05 13 04.1	h = about 270 km	
h = about 39 km	Penticton	
Alberni	iP 11 37 01 c	AUGUST 1
iP 05 26 09		Penticton
Alert		iP 12 33 10 c
eP 05 25 07	AUGUST 1	
Banff	U. S. C. G. S.	AUGUST 1
eP 05 26 24	27.0S, 176.4W	Penticton
Mould Bay	Kermadec Islands	iP 12 51 27
P 05 25 04	region	
Penticton	H = 03 49 11.9	
iP 05 26 21 c	h = about 33 km	
Resolute	Penticton	
iP 05 25 33	iP 04 02 17	AUGUST 1
Victoria		U. S. C. G. S.
eP 05 26 13 c		27.1S, 176.3W
		Kermadec Islands
		region
		H = 12 47 46.6
		h = about 25 km
		Penticton
		eP 13 00 52
JULY 31		
U. S. C. G. S.	AUGUST 1	
40.1N, 143.0E	U. S. C. G. S.	
Off east coast of	3.2S, 143.7E	
Honshu, Japan	Near north Coast of	
H = 07 22 46.1	New Guinea	
h = about 66 km	H = 04 36 57.6	
Penticton	h = about 33 km	
	Mag 6 1/2 - 6 3/4 (Pas)	
	7 (Brk)	
	6 1/2 (Pal)	
iP 07 33 22	Alert	
	eP 04 50 41	
	PKKP 05 07 10	

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AUGUST 1	Alert	AUGUST 2
U. S. C. G. S.	eP 04 52 (20)	Penticton
39.1N, 98.6E	London	iP 19 45 04
Kansu Province	eP 04 47 03	
China	Penticton	
H = 15 47 45.5	iP 04 49 54 d	AUGUST 2
h = about 25 km	Resolute	H = 21 26 08
Schefferville	P 04 51 (18)	Mag 1.7
eP 16 00 22	Schefferville	Penticton
Penticton	P 04 48 (58)	P <sub>n</sub> 21 26 36.5
iP 16 00 24 c		S <sub>n</sub> 21 26 57.8
		D = 175 km
	AUGUST 2	
AUGUST 1	Alert	AUGUST 2
48.6°N, 122.0°W	i 07 22 40	H = 22 22 30
Near Mount Baker,		Mag 2.2
U. S. A.		Penticton
H = 20 59 35		P <sub>n</sub> 22 23 05.3
Mag 1.7	AUGUST 2	S <sub>n</sub> 22 23 33.4
Penticton	Penticton	D = 230 km
eP <sub>n</sub> 21 00 05.6	eP 11 11 50	Victoria
eS <sub>n</sub> 21 00 29.2		eP <sub>1</sub> 22 22 48.7
D = 192 km		D = 114 km
	AUGUST 2	
AUGUST 1	U. S. C. G. S.	AUGUST 3
Penticton	4.8S, 152.1E	52.0°N, 54.2°W
iP 22 37 05	New Britain region	In the Labrador Sea
	H = 13 26 42.4	about 75 miles east of
	h = about 79 km	the southeast corner of
	Penticton	Labrador, Newfoundland
	eP 13 39 45	H = 01 31 01.5
		Mag 4.8
		Halifax
		S <sub>n</sub> 01 34 56
		D = 1071 km
	AUGUST 2	Schefferville
	U. S. C. G. S.	P <sub>n</sub> 01 32 54.5
	33.4N, 73.5E	S <sub>n</sub> 01 34 16
	West Pakistan	D = 880 km
	H = 15 32 20.9	
	h = about 33 km	
	Alert	
	eP 15 42 42	AUGUST 3
	Mould Bay	Shawinigan Falls
	iP 15 43 33 c	eP 02 56 55
	AUGUST 2	
	Penticton	
	eP 18 38 52	
	AUGUST 2	
	U. S. C. G. S.	
	19.3N, 81.0W	
	South of Cuba	
	H = 04 41 46.7	
	h = about 47 km	



## DOMINION OBSERVATORIES

AUGUST 3 U.S.C.G.S. 5.2N, 76.4W Western Colombia H = 04 06 08.4 h = about 79 km Mould Bay pP 04 18 06	AUGUST 3 U.S.C.G.S. 10.1S, 161.2E Solomon Islands H = 10 04 44.6 h = about 40 km Penticton iP 10 17 44 d	AUGUST 3 H = 22 00 27 Mag 2.5 Penticton P <sub>n</sub> 22 01 04.1 S <sub>n</sub> 22 01 34.6 D = 250 km
AUGUST 3 Alert eP 08 51 (40)	AUGUST 3 U.S.C.G.S. 40.9N, 73.3E Kirghiz, S.S.R. H = 11 04 03.6 h = about 25 km Alert eP 11 13 34 Halifax eP 11 16 46 Mould Bay P 11 14 28 Penticton iP 11 16 59 Schefferville eP 11 16 05 Victoria eP 11 17 02 d	AUGUST 3 47.8°N, 120.9°W Washington, U.S.A. H = 22 06 15 Mag 1.8 Penticton eP <sub>n</sub> 22 06 46.2 eS <sub>n</sub> 22 07 10.5 D = 198 km Victoria P <sub>n</sub> 22 06 47.0 D = 206 km
AUGUST 3 U.S.C.G.S. 23.2S, 67.5W Northern Chile- Argentina border H = 08 56 12.1 h = about 71 km Mag 7 - 7 1/4 (Pas) 6 - 8 (Brk) Alert eP 09 10 16 d Halifax iP 09 07 04 d London iP 09 06 59 c Mould Bay P 09 10 09 Penticton iP 09 08 44 d Resolute eP 09 09 48 d Schefferville iP 09 08 03 d eS 09 17 42 Victoria iP 09 08 51 d	AUGUST 3 Alert eP 11 27 54	AUGUST 4 U.S.C.G.S. 14.1N, 93.0W Near coast of Guatemala H = 02 49 44.7 h = about 30 km Alert eP 03 00 52 Banff eP 02 57 29 Mould Bay iP 03 00 14 d Penticton iP 02 57 30 d Victoria eP 02 57 35.2 c
AUGUST 3 Halifax eP 09 35 23	AUGUST 3 U.S.C.G.S. 36.6N, 71.1E Hindu Kush H = 18 02 45.8 h = about 209 km Mould Bay iP 18 13 19 c	AUGUST 4 Penticton iP 06 37 49 d

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AUGUST 4 Penticton eP 23 30 06	Mould Bay iP 01 45 11 d Penticton iP 01 45 32 Resolute ep 01 44 24 d Schefferville iP 01 41 31 d Shawinigan Falls eP 01 41 23 Victoria iP 01 45 49 c	AUGUST 6 U.S.C.G.S. 39.7N, 140.6E Northern Honshu, Japan H = 09 23 30.9 h = about 60 km Penticton iP 09 34 18 d
AUGUST 5 Shawinigan Falls iP 09 07 17 d	AUGUST 5 U.S.C.G.S. 13.7S, 166.6E New Hebrides Islands H = 15 08 34.0 h = about 60 km Penticton eP 15 21 31	AUGUST 6 Penticton iP 10 57 22
AUGUST 5 Penticton iP 18 30 35	AUGUST 6 Canadian Arctic H = 06 32 39.1 Mag 2.4 Alert P <sub>1</sub> 06 33 06.5 S <sub>1</sub> 06 33 27.3 D = 171 km	AUGUST 6 U.S.C.G.S. 26.9S, 177.1W Kermadec Islands region H = 20 51 56.8 h = about 50 km Mag 6 (Brk) 5 1/2 (Pal) Banff eP 21 05 13 c Halifax eP' 21 10 52 Penticton iP 21 04 59 Schefferville eP' 21 10 47 Victoria iP 21 04 48.6 c
AUGUST 6 Penticton iP 01 14 54	AUGUST 6 U.S.C.G.S. 58.4S, 25.5W Sandwich Islands H = 08 41 17.8 h = about 54 km Alberni eP' 09 00 32 Alert eP' 09 00 38 Banff eP' 09 00 24 Mould Bay P' 09 00 53 Penticton iP' 09 00 26 Resolute P' 09 00 (32) Schefferville eP' 08 59 57 Victoria eP' 09 00 29.2	AUGUST 6 Alert eP 22 10 41 e 22 22 10 e 22 28 21
AUGUST 6 U.S.C.G.S. 32.0N, 40.8W North Atlantic Ocean H = 01 35 30.5 h = about 48 km Mag 6 1/4 (Pas) 5 1/2 (Pal) Alberni eP 01 45 48 Alert eP 01 44 31 Banff eP 01 45 10 d Halifax iP 01 40 22 d London iP 01 42 09 c	AUGUST 7 U.S.C.G.S. 21.1S, 179.1W Fiji Islands region H = 06 19 27.9 h = about 600 km	



DOMINION OBSERVATORIES

Penticton  
iP 06 31 15

AUGUST 7  
Canadian Arctic  
H = 10 57 48  
h = about 8 km  
Mag 3.6  
Alert  
e 10 58 42  
P<sub>1</sub> 10 58 47.5  
S<sub>n</sub> 10 59 17.8  
S<sub>1</sub> 10 59 32  
D = 370 km

AUGUST 8  
U.S.C.G.S.  
16.4S, 179.5W  
Fiji Islands  
H = 09 19 22.4  
h = about 493 km  
Penticton  
iP 09 31 02

AUGUST 8  
U.S.C.G.S.  
52.1N, 170.5W  
Fox Islands,  
Aleutian Islands  
H = 10 54 56.3  
h = about 40 km  
Alert  
eP 11 02 38 c  
Banff  
eP 11 01 33  
Mould Bay  
iP 11 01 13 c  
Penticton  
eP 11 01 (20)  
Schefferville  
eP 11 04 34  
Victoria  
eP 11 01 (04)

AUGUST 8  
U.S.C.G.S.  
18.8N, 144.8E  
Mariana Islands  
H = 17 16 31.5  
h = about 385 km  
Alert  
eP 17 27 50  
Mould Bay  
P 17 27 23  
Penticton  
iP 17 27 57

AUGUST 8  
U.S.C.G.S.  
37.0N, 141.5E  
Near east coast of  
Honshu, Japan  
H = 17 55 37.9  
h = about 53 km  
Mould Bay  
P 18 05 16

AUGUST 8  
Alert  
i 19 50 23

AUGUST 8  
H = 23 04 38  
Mag 1.3  
Penticton  
P<sub>1</sub> 23 04 50.4  
S<sub>1</sub> 23 04 59.6  
D = 75 km

AUGUST 9  
U.S.C.G.S.  
22.4S, 70.0W  
Northern Chile  
H = 00 21 10.7  
h = about 160 km  
Penticton  
iP 00 33 25

AUGUST 9  
U.S.C.G.S.  
6.7N, 73.1W  
Colombia  
H = 04 21 55.4  
h = about 180 km  
Alberni  
iP 04 31 50  
Alert  
iP 04 33 24 c  
Banff  
iP 04 31 18 c  
Halifax  
iP 04 29 03 c  
London  
iP 04 28 49 d  
Mould Bay  
iP 04 33 12 c  
Penticton  
iP 04 31 28 c  
Resolute  
ep 04 32 42 c  
Schefferville  
iP 04 30 19 c  
Shawinigan Falls  
iP 04 29 12 c  
Victoria  
P 04 31 41 c

AUGUST 9  
Schefferville  
eP 04 35 24

AUGUST 9  
Alert  
eP 04 42 50

AUGUST 9  
U.S.C.G.S.  
24.1S, 66.5W  
Salta Province,  
Argentina  
H = 06 19 51.4  
h = about 128 km  
Banff  
eP 06 32 18

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London  
iP 06 30 40

Penticton  
iP 06 32 24

Schefferville  
iP 06 31 42

Victoria  
eP 06 32 30

AUGUST 9  
Penticton  
eP 08 11 02

AUGUST 9  
U.S.C.G.S.  
30.1N, 129.0E  
Ryukyu Islands  
H = 10 44 00.5  
h = about 198 km  
Alert  
eP 10 54 37  
Mould Bay  
iP 10 54 26 c

AUGUST 9  
Penticton  
iP 13 01 41 d

AUGUST 10  
Penticton  
iP 06 47 55

AUGUST 10  
Penticton  
iP 09 44 22 c

AUGUST 10  
H = 10 59 15  
Mag 2.5  
Banff  
eP<sub>1</sub> 11 00 43.6  
eS<sub>1</sub> 11 01 06.0  
D = 183 km

Penticton  
eP<sub>n</sub> 11 00 55.8  
eS<sub>n</sub> 11 01 24.6  
D = 283 km

AUGUST 10  
U.S.C.G.S.  
49.4N, 27.9W  
North Atlantic Ocean  
H = 21 03 59.2  
h = about 33 km  
Mag 4 1/2 (Pal)  
Alberni  
eP 21 13 57  
Banff  
eP 21 13 12  
Halifax  
iP 21 09 18 c  
London  
eP 21 11 06 (d)  
Mould Bay  
P 21 11 57  
Penticton  
iP 21 13 36 d  
Resolute  
ep 21 11 09  
Schefferville  
eP 21 09 14 c  
Victoria  
eP 21 13 52

AUGUST 10  
H = 21 49 39  
Mag 1.9  
Victoria  
eP<sub>1</sub> 21 49 44.3  
eS<sub>1</sub> 21 49 48.4  
D = 34 km

AUGUST 10  
Alert  
eP 22 10 48

AUGUST 11  
48.8°N, 125.2°W  
Barkley Sound  
H = 01 10 15  
Mag 2.6  
Alberni  
iP<sub>1</sub> 01 10 23.9  
iS<sub>1</sub> 01 10 29.3  
D = 53 km  
Penticton  
eP<sub>n</sub> 01 11 22  
Victoria  
eP<sub>1</sub> 01 10 37.0  
eS<sub>1</sub> 01 10 54.5  
D = 134 km

AUGUST 11  
U.S.C.G.S.  
20.0S, 178.8W  
Fiji Islands  
H = 01 47 39.6  
h = about 638 km  
Alberni  
eP 01 59 07  
Alert  
PP 02 06 06  
Banff  
eP 01 59 32  
Penticton  
iP 01 59 19 c  
Victoria  
eP 01 59 07 c

AUGUST 11  
Penticton  
iP 02 17 33 c

AUGUST 11  
47°32'N, 70°03'W  
In the St. Lawrence  
River, 10 miles west  
of Kamouraska, Quebec  
H = 03 05 15.8  
Mag 4.1



DOMINION OBSERVATORIES

Halifax e 03 07 32.5 S <sub>1</sub> 03 07 57.5 D = 595 km	Mould Bay iP 08 26 52 d Penticton iP 08 28 15 c Resolute ip 08 27 24 d Schefferville eP 08 29 13 Victoria iP 08 28 09 c	Penticton iP 05 21 50 c Schefferville eP 05 21 52 Victoria eP 05 22 01
London e 03 09 55 D = 1180 km		
Montreal P <sub>1</sub> 03 06 13 i 03 06 47 S <sub>1</sub> 03 06 56 D = 356 km		
Schefferville P <sub>n</sub> 03 07 04 S <sub>n</sub> 03 08 23 L <sub>g</sub> 03 09 03 D = 840 km		
AUGUST 11 U. S. C. G. S. 15.7S, 172.9W Tonga Islands region H = 06 47 41.7 h = about 157 km	AUGUST 11 Penticton eP 11 52 31	AUGUST 12 U. S. C. G. S. 58.2S, 25.1W Sandwich Islands H = 10 38 01.8 h = about 33 km Mould Bay P' 10 57 39
Banff eP 06 59 50	AUGUST 11 Victoria eP 11 53 45	AUGUST 12 Penticton iP 11 00 31 c
Penticton iP 06 59 35 c	AUGUST 11 Penticton eP 18 12 22	AUGUST 12 Penticton iP 12 50 09
Victoria eP 06 59 22	AUGUST 11 Mould Bay P 18 25 11	AUGUST 12 Canadian Arctic H = 14 33 26.1 Mag 2.5 Resolute P <sub>1</sub> 14 33 55 S <sub>1</sub> 14 34 17 D = 180 km
AUGUST 11 U. S. C. G. S. 25.2N, 123.3E Off northeast coast of Formosa H = 08 15 43.7 h = about 140 km Mag 6 (Pas) 5 - 5 1/2 (Pal)	AUGUST 11 Alberni iP <sub>1</sub> 19 11 39.2 iS <sub>1</sub> 19 11 45.3 D = 50 km	AUGUST 12 Penticton eP 19 24 55
Alberni iP 08 28 04 c	AUGUST 12 U. S. C. G. S. 12.2N, 87.8W Off west coast of Nicaragua H = 05 13 33.1 h = about 33 km	AUGUST 12 Alert i 21 43 27
Alert eP 08 26 56 c iS 08 36 08	Banff eP 05 21 43	
Banff iP 08 28 20 c		

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AUGUST 13 U. S. C. G. S. 2.1N, 83.5W About 300 miles northwest of Ecuador H = 06 35 56.0 h = about 33 km Mag 6 1/2 - 6 3/4 (Pas) 5.4 (Bks) 5 1/2 - 5 3/4 (Pal)	AUGUST 13 Alert i 14 17 44	Penticton eP' 01 29 38 Schefferville eP' 01 30 35
	AUGUST 13 Victoria eP 17 31 51	AUGUST 14 Canadian Arctic H = 03 33 59.3 Mag 2.6 Resolute P <sub>1</sub> 03 34 15 S <sub>1</sub> 03 34 27 D = 98 km
Alert eP 06 48 08 S 06 58 14	AUGUST 13 U. S. C. G. S. 51.8N, 110.2E Buryatskaya, S. S. R. H = 20 11 36.1 h = about 33 km	AUGUST 14 U. S. C. G. S. 28.0N, 55.6E Iran H = 07 27 44.8 h = about 43 km Alert eP 07 38 28 Schefferville eP 07 40 12
Halifax eP 06 44 15 d	Penticton iP 20 22 48 Schefferville eP 20 23 02	
London iP 06 43 36 c	AUGUST 13 Penticton iP 22 16 28	
Mould Bay P 06 47 44		
Penticton iP 06 45 34 d	AUGUST 13 Penticton iP 22 16 28	
Resolute ip 06 47 (23)		
Schefferville eP 06 45 20		
Shawinigan Falls eP 06 44 11	AUGUST 13 H = 23 32 28 Mag 2.7 Penticton P <sub>n</sub> 23 33 18.0 S <sub>n</sub> 23 34 01.5 D = 356 km	AUGUST 14 Alert eP 11 57 56 Penticton iP 11 54 43c Schefferville eP 11 55 04
Victoria eP 06 45 42		
AUGUST 13 U. S. C. G. S. 14.6N, 93.0W Off coast of Chiapas, Mexico H = 10 09 24.9 h = about 118 km		
Alert eP 10 20 20	AUGUST 14 U. S. C. G. S. 49.9S, 163.0E About 300 miles north of Macquarie Islands H = 01 10 50.5 h = about 43 km Alert eP' 01 30 20 Halifax eP' 01 30 38	AUGUST 15 U. S. C. G. S. 31.4N, 139.2E South of Honshu, Japan H = 02 45 33.9 h = about 155 km Alert eP 02 56 04 d
Mould Bay P 10 19 42		
Penticton iP 10 16 58		



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<p>AUGUST 15 U. S. C. G. S. 55.3N, 167.0E Komandorskie Islands H = 03 11 15.7 h = about 33 km Banff eP 03 19 24 Penticton iP 03 19 16 Victoria eP 03 19 04</p> <p>AUGUST 15 H = 04 10 20 Mag 1.5 Penticton P<sub>1</sub> 04 10 48.6 S<sub>1</sub> 04 11 10.2 D = 177 km</p> <p>AUGUST 15 U. S. C. G. S. 54.6N, 161.5E Near east coast of Kamchatka H = 08 19 37.8 h = about 52 km Alberni iP 08 27 43 d Alert eP 08 27 20 c Penticton iP 08 28 01 c Schefferville eP 08 30 06 Victoria iP 08 27 49</p> <p>AUGUST 15 U. S. C. G. S. 45.2N, 132.6E Manchuria, China H = 10 06 53.6 h = about 37 km Penticton iP 10 17 42</p>	<p>AUGUST 15 U. S. C. G. S. 51.8N, 177.0W Andreanof Islands, Aleutian Islands H = 11 20 44.5 h = about 53 km Alberni eP 11 27 16 Alert eP 11 28 35 Banff eP 11 27 50 c London eP 11 30 52 Mould Bay P 11 27 15 Penticton iP 11 27 39 c Schefferville eP 11 30 39 d Victoria eP 11 27 34</p> <p>AUGUST 15 Penticton iP 17 30 37</p> <p>AUGUST 15 Alberni eP 18 17 34 Penticton eP 18 17 51 Victoria eP 18 17 40</p> <p>AUGUST 16 Penticton iP 01 53 09</p>	<p>AUGUST 16 Alert eP 04 57 51</p> <p>AUGUST 16 Alert eP 08 56 56 Mould Bay iP 08 56 26 d Penticton eP 08 56 49</p> <p>AUGUST 16 Penticton eP 13 28 34</p> <p>AUGUST 16 Penticton iP 14 59 27</p> <p>AUGUST 16 Penticton iP 21 25 55</p> <p>AUGUST 17 U. S. C. G. S. 15.8S, 172.9W Samoa Islands region H = 00 32 26.9 h = about 33 km Penticton iP 00 44 35</p> <p>AUGUST 17 U. S. C. G. S. 7.9N, 71.4W Venezuela H = 03 07 46.7 h = about 17 km Alert eP 03 19 27 Penticton iP 03 17 38</p>
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<p>AUGUST 17 U. S. C. G. S. 31.6S, 67.7W San Juan Province, Argentina H = 03 23 31.5 h = about 33 km Halifax iP 03 35 19 c London iP 03 35 13.7 c Penticton iP 03 36 43 Schefferville eP 03 36 12</p> <p>AUGUST 17 Penticton iP 03 53 55</p> <p>AUGUST 17 Alert e(P) 03 58 11 i 03 58 47</p> <p>AUGUST 17 Alert eP 04 59 (45) i 05 01 39</p> <p>AUGUST 17 U. S. C. G. S. 10.6N, 121.6E Panay region, Philippine Islands H = 05 04 31.5 h = about 33 km Alert eP 05 17 16 Mould Bay P 05 17 12 Penticton iP 05 18 16 d</p>	<p>AUGUST 17 U. S. C. G. S. 4.7S, 79.4W Peru-Ecuador border H = 07 26 33.4 h = about 96 km Alberni eP 07 37 18 Alert eP 07 39 11 Banff eP 07 36 56 c Penticton iP 07 37 00 d</p> <p>AUGUST 17 U. S. C. G. S. 15.2S, 178.6W Fiji Islands H = 11 48 47.3 h = about 391 km Penticton iP 12 00 29 d</p> <p>AUGUST 17 U. S. C. G. S. 19.3S, 177.5W Fiji Islands H = 16 19 47.3 h = about 528 km Penticton iP 16 31 29 d</p> <p>AUGUST 17 U. S. C. G. S. 15.4S, 172.7W Samoa Islands region H = 22 55 55.4 h = about 33 km Penticton iP 23 08 03</p>	<p>AUGUST 18 U. S. C. G. S. 21.9S, 179.3W Fiji Islands region H = 04 01 33.5 h = about 516 km Penticton iP 04 13 32</p> <p>AUGUST 18 U. S. C. G. S. 0.8N, 82.3W Off coast of Ecuador H = 06 59 32.2 h = about 33 km Penticton iP 07 09 27 c</p> <p>AUGUST 18 Penticton eP 11 08 09</p> <p>AUGUST 18 Alert eP 13 14 (08)</p> <p>AUGUST 18 Alberni eP 15 33 31 Penticton iP 15 33 55</p> <p>AUGUST 18 U. S. C. G. S. 62.3N, 152.5W Central Alaska H = 16 43 54.3 h = about 32 km Mag 6 - 6 1/4 (Pas) 5 1/4 - 5 1/2 (Pal) Alert eP 16 49 51 S 16 55 12</p>
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DOMINION OBSERVATORIES

<p><b>AUGUST 21</b> U. S. C. G. S. 41.5N, 15.4E Italy H = 18 09 06.8 h = about 36 km Alert eP 18 17 42 d Banff eP 18 21 04 d Halifax eP 18 18 39 Penticton iP 18 21 22 d Schefferville iP 18 18 22 c Victoria eP 18 21 32</p> <p><b>AUGUST 21</b> U. S. C. G. S. 41.4N, 15.5E Italy H = 18 19 33.3 h = about 34 km Alert eP 18 28 09 Banff eP 18 31 30 Halifax eP 18 29 (08) London P 18 30 26 Mould Bay P 18 29 33 Penticton iP 18 31 45 Resolute iP 18 29 12 Victoria iP 18 31 57</p>	<p><b>AUGUST 21</b> U. S. C. G. S. 41.2N, 15.2E Italy H = 18 44 56.4 h = about 31 km Penticton iP 18 57 08</p> <p><b>AUGUST 21</b> Alert eP 20 36 09</p> <p><b>AUGUST 21</b> U. S. C. G. S. 29.6S, 111.9W Easter Island region H = 21 09 50.3 h = about 33 km Mag 6 1/4 - 6 1/2 (Pas) Alert PP 21 29.5 London P 21 21 44 Schefferville eP 21 23 00 Mould Bay P' 21 28 15</p> <p><b>AUGUST 21</b> Penticton iP 21 57 25</p> <p><b>AUGUST 21</b> Penticton eP 23 44 49</p>	<p><b>AUGUST 22</b> U. S. C. G. S. 26.1N, 142.5E Volcano Islands region H = 04 32 29.1 h = about 29 km Alert eP 04 43 47 Penticton iP 04 44 13 d</p> <p><b>AUGUST 22</b> U. S. C. G. S. 20.3S, 177.8W Fiji Islands H = 09 12 49.7 h = about 503 km Penticton iP 09 24 38</p> <p><b>AUGUST 22</b> Penticton iP 12 35 53</p> <p><b>AUGUST 22</b> Penticton iP 18 12 14</p> <p><b>AUGUST 23</b> Penticton iP 01 49 18</p> <p><b>AUGUST 23</b> U. S. C. G. S. 51.7N, 173.8E Near Islands, Aleutian Islands H = 12 35 34.2 h = about 33 km Penticton iP 12 43 12 c</p>
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<p><b>AUGUST 23</b> U. S. C. G. S. 62.2N, 152.8W Central Alaska H = 12 46 22.7 h = about 25 km Alert eP 12 52 21 Banff eP 12 51 24 Penticton iP 12 51 20 c Schefferville iP 12 54 15 d Victoria eP 12 51 09</p> <p><b>AUGUST 23</b> H = 14 12 56 Mag 2.4 Penticton P<sub>n</sub> 14 13 42.9 S<sub>n</sub> 14 14 23.5 D = 332 km</p> <p><b>AUGUST 23</b> Alert eP 14 45.7</p> <p><b>AUGUST 23</b> U. S. C. G. S. 22.9N, 120.8E Near south coast of Formosa H = 15 29 46.6 h = about 17 km Alberni eP 15 42 35 Penticton iP 15 42 48 Victoria P 15 42 41</p>	<p><b>AUGUST 23</b> Alert eP 16 42 27</p> <p><b>AUGUST 23</b> Penticton iP 18 48 36</p> <p><b>AUGUST 23</b> U. S. C. G. S. 15.6S, 172.2W Samoa Islands region H = 19 17 26.6 h = about 33 km Penticton iP 19 29 33</p> <p><b>AUGUST 23</b> U. S. C. G. S. 41.8N, 124.1W Del Norte County, California H = 19 29 16.0 h = about 33 km Mag 5 - 5 1/4 (Pas) 5 1/2 (Brk) 5 1/4 - 5 1/2 (Pal)</p> <p>Alberni iP 19 31 03 Alert eP 19 37 31 S 19 44 12 S<sub>C</sub>S 19 47 26 Banff iP 19 31 54 Halifax iP 19 37 15.5 c London eP 19 35 35 d Mould Bay P 19 36 03 Penticton iP 19 31 13 d Resolute P 19 36 10</p>	<p>Schefferville iP 19 36 41 c Victoria iP 19 30 52</p> <p><b>AUGUST 23</b> U. S. C. G. S. 56.1S, 26.6W Sandwich Islands H = 20 52 51.8 h = about 33 km Mould Bay P' 21 12 23 Penticton iP' 21 11 59</p> <p><b>AUGUST 24</b> Penticton iP 01 31 43</p> <p><b>AUGUST 24</b> Penticton eP 02 19 44</p> <p><b>AUGUST 24</b> Mould Bay P 02 58 46</p> <p><b>AUGUST 24</b> Penticton iP 02 58 25</p> <p><b>AUGUST 24</b> Penticton eP 04 39 20</p> <p><b>AUGUST 24</b> Alert i 05 41 23</p>
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AUGUST 24 Penticton iP 06 21 28	AUGUST 24 Alert eP 16 04 21	Alert eP' 08 49 23
AUGUST 24 U. S. C. G. S. 24. 5S, 178. 8E Fiji Islands region H = 06 47 08. 1 h = about 526 km Penticton iP 06 59 20	AUGUST 24 Resolute iP 16 06 29	Banff iP 08 43 50 c
AUGUST 24 U. S. C. G. S. 15. 0S, 173. 3W Samoa Islands region H = 09 04 22. 9 h = about 33 km Mag 5 1/4 - 5 1/2 (Pal) Penticton iP 09 16 32	AUGUST 24 Penticton eP 17 03 08	Halifax eP' 08 49 40
AUGUST 24 U. S. C. G. S. 17. 5S, 70. 4W Peru-Bolivia border H = 13 15 37. 0 h = about 92 km Penticton iP 13 27 37 d	AUGUST 25 Penticton eP 00 38 59	Penticton iP 08 43 36 c
AUGUST 24 Mould Bay P 14 42 15	Resolute P 00 38 22	Victoria iP 08 43 24 c
AUGUST 24 Penticton eP 15 03 05	AUGUST 25 U. S. C. G. S. 20. 5S, 178. 5W Fiji Islands H = 08 31 48. 7 h = about 561 km Alberni iP 08 43 23 c	AUGUST 25 Penticton iP 15 41 21
		AUGUST 26 U. S. C. G. S. 27. 9N, 129. 3E Ryukyu Islands H = 01 33 36. 6 h = about 33 km Mould Bay P 01 44 32
		Penticton iP 01 45 53
		AUGUST 26 U. S. C. G. S. 34. 0N, 139. 2E Near east coast of Honshu, Japan H = 06 48 57. 1 h = about 38 km Alberni P 06 59 58
		Alert eP 06 59 23
		S 07 07 (53)
		Banff eP 07 00 23
		Mould Bay P 06 59 00
		Penticton iP 07 00 16
		Resolute iP 06 59 41 d

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Schefferville eP 07 01 49 d	AUGUST 26 U. S. C. G. S. 34. 3N, 139. 3E Near east coast of Honshu, Japan H = 22 35 13. 9 h = about 54 km	AUGUST 27 U. S. C. G. S. 44. 3N, 150. 8E Kurile Islands H = 09 49 56. 5 h = about 60 km Penticton iP 09 59 45
Victoria eP 07 00 05	Alert eP 22 45 37	Resolute iP 22 45 54 d
AUGUST 26 Canadian Arctic H = 06 50 52. 3 Mag 2. 9 Alert P <sub>1</sub> 06 51 33 S <sub>1</sub> 06 52 04 D = 254 km	AUGUST 26 U. S. C. G. S. 3. 7S, 140. 1E New Guinea H = 23 30 38. 0 h = about 50 km Alert eP 23 44 22	AUGUST 27 Alert eP 14 36 41
AUGUST 26 Canadian Arctic H = 07 17 42 Mag 2. 9 Alert P <sub>1</sub> 07 18 24 S <sub>1</sub> 07 18 56 D = 262 km	AUGUST 27 U. S. C. G. S. 40. 2N, 137. 8E Sea of Japan H = 02 18 58. 8 h = about 274 km Alberni eP 02 29 11	AUGUST 27 U. S. C. G. S. 38. 3N, 142. 4E Off east coast of Honshu, Japan H = 16 20 04. 7 h = about 40 km Alert eP 16 30 01 c
AUGUST 26 Penticton iP 11 57 33	Penticton iP 02 29 29 c	Penticton iP 16 30 52 c
AUGUST 26 Penticton eP 13 24 07	Resolute iP 02 28 38 c	Resolute iP 16 30 17 c
AUGUST 26 U. S. C. G. S. 36. 5N, 1. 6E Near coast of Algeria H = 16 30 47. 0 h = about 15 km Penticton iP 16 42 57	Victoria P 02 29 18	Schefferville eP 16 32 31
	AUGUST 27 Alert iP 03 28 18 d	Alert eP 19 22 (27)
		AUGUST 27 U. S. C. G. S. 36. 6N, 70. 2E Hindu Kush H = 19 12 48. 9 h = about 210 km Alert eP 19 22 (27)



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<p>AUGUST 27 U. S. C. G. S. 12. 3S, 167. 1E Santa Cruz Islands H = 22 13 29. 6 h = about 220 km Penticton iP 22 25 59 c</p> <p>AUGUST 27 Alert eP 23 29 04</p> <p>AUGUST 27 U. S. C. G. S. 21. 6S, 171. 5E Loyalty Islands region H = 23 30 10. 4 h = about 69 km Penticton iP 23 43 19</p> <p>AUGUST 28 U. S. C. G. S. 35. 0N, 140. 2E Near east coast of Honshu, Japan H = 00 13 25. 6 h = about 33 km Alert eP 00 23 44 Penticton iP 00 24 33</p> <p>AUGUST 28 U. S. C. G. S. 34. 2N, 139. 7E Near east coast of Honshu, Japan H = 00 29 26. 4 h = about 39 km Alert eP 00 39 50 Penticton iP 00 40 47</p>	<p>AUGUST 28 U. S. C. G. S. 15. 7S, 173. 1W Samoa Islands region H = 00 40 04. 9 h = about 33 km Penticton iP 00 52 14 c</p> <p>AUGUST 28 U. S. C. G. S. 34. 2N, 139. 3E Near east coast of Honshu, Japan H = 08 13 12. 4 h = about 38 km Alert eP 08 23 37 Mould Bay P 08 23 15 Penticton iP 08 24 32 Resolute iP 08 23 (57) Schefferville eP 08 26 06</p> <p>AUGUST 28 U. S. C. G. S. 18. 6N, 105. 8W Off coast of Mexico H = 08 20 31. 5 h = about 33 km Alert iP 08 31 14 Halifax eP 08 28 34 London iP 08 26 55. 4 c</p> <p>AUGUST 28 U. S. C. G. S. 38. 0N, 23. 1E Greece H = 10 59 58. 5 h = about 120 km Mag 6 3/4 (Pas)</p>	<p>Alert iP 11 08 58 c pP 11 09 34 iS 11 16 14 Banff iP 11 12 20 c Halifax iP 11 10 11 c London iP 11 11 23. 4 d Mould Bay iP 11 10 19 c iS 11 18 40 Penticton iP 11 12 32 c Resolute iP 11 09 58 c Schefferville iP 11 09 54 c S 11 17 57 Victoria iP 11 12 42</p> <p>AUGUST 28 Penticton iP 11 30 23</p> <p>AUGUST 28 51. 7°N, 121. 9°W Near Lac La Hache H = 19 19 59 Mag 4. 3 Banff iP 19 21 01. 8 D = 456 km Penticton iP<sub>n</sub> 19 20 44. 2 c iS<sub>n</sub> 19 21 22 D = 311 km Victoria iP 19 20 51. 9 D = 374 km</p>
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<p>AUGUST 28 Schefferville eP 19 36 41</p> <p>AUGUST 28 Penticton iP 21 34 45 d</p> <p>AUGUST 28 H = 21 36 56 Mag 1. 7 Banff iP<sub>1</sub> 21 37 01. 5 iS<sub>1</sub> 21 37 05. 5 D = 32 km</p> <p>AUGUST 29 U. S. C. G. S. 34. 9N, 140. 0E Near east coast of Honshu, Japan H = 02 13 08. 6 h = about 33 km Alert eP 02 23 30</p> <p>AUGUST 29 H = 02 44 54 Mag 2. 1 Penticton eP<sub>n</sub> 02 45 33. 8 eS<sub>n</sub> 02 46 06. 6 D = 269 km</p> <p>AUGUST 29 Alert eP 07 03 (22)</p> <p>AUGUST 29 Penticton iP 08 45 14</p>	<p>AUGUST 29 U. S. C. G. S. 18. 0N, 103. 3W Near coast of Mexico H = 08 50 32. 0 h = about 33 km Penticton iP 08 57 13</p> <p>AUGUST 29 U. S. C. G. S. 7. 3N, 80. 5W Near south coast of Panama H = 10 14 12. 5 h = about 33 km Penticton iP 10 23 28</p> <p>AUGUST 29 U. S. C. G. S. 8. 0S, 73. 6W Peru-Brazil border H = 12 23 20. 8 h = about 165 km Penticton iP 12 34 16</p> <p>AUGUST 29 H = 17 02 53 Mag 1. 2 Penticton P<sub>1</sub> 17 03 04. 0 S<sub>1</sub> 17 03 12. 2 D = 65 km</p> <p>AUGUST 29 U. S. C. G. S. 34. 3N, 139. 5E Near east coast of Honshu, Japan H = 17 39 06. 0 h = about 33 km</p>	<p>Penticton iP 17 50 24</p> <p>AUGUST 29 U. S. C. G. S. 34. 0N, 139. 3E Near east coast of Honshu, Japan H = 20 20 20. 5 h = about 33 km Alert eP 20 30 (47) Penticton eP 20 31 38 Resolute iP 20 31 08 c</p> <p>AUGUST 29 U. S. C. G. S. 22. 5S, 71. 6W Off coast of northern Chile H = 22 04 07. 4 h = about 33 km Penticton iP 22 16 32</p> <p>AUGUST 29 U. S. C. G. S. 34. 1N, 139. 1E Near east coast of Honshu, Japan H = 22 36 53. 9 h = about 33 km Alert eP 22 47 20 S 22 55 (50) Penticton iP 22 48 14 Resolute iP 22 47 38 d Schefferville eP 22 49 46</p>
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<b>AUGUST 30</b> U.S.C.G.S. 17.4S, 69.8W Southern Peru H = 06 22 27.6 h = about 145 km Penticton eP 06 34 21	Penticton iP 13 37 45 Resolute iP 13 42 13 d Schefferville iP 13 41 53 c Victoria P 13 38 06	<b>AUGUST 31</b> U.S.C.G.S. 15.3S, 177.2W Fiji Islands region H = 09 00 04.8 h = about 59 km Penticton iP 09 12 20
<b>AUGUST 30</b> U.S.C.G.S. 45.5N, 26.7E Romania H = 07 46 25.2 h = about 100 km Penticton iP 07 58 30	<b>AUGUST 30</b> Penticton iP 15 00 12	<b>AUGUST 31</b> Penticton eP 10 38 13
<b>AUGUST 30</b> U.S.C.G.S. 34.0N, 139.1E Near east coast of Honshu, Japan H = 11 35 08.9 h = about 33 km Penticton iP 11 46 29	<b>AUGUST 30</b> U.S.C.G.S. 21.2S, 174.4W Tonga Islands H = 17 17 51.9 h = about 33 km Mag 5 1/2 (Brk) Banff eP 17 30 43 Penticton iP 17 30 28 c Victoria P 17 30 16	<b>AUGUST 31</b> U.S.C.G.S. 15.4S, 177.3W Fiji Islands region H = 10 33 30.2 h = about 60 km Penticton iP 10 44 34
<b>AUGUST 30</b> U.S.C.G.S. 41.8N, 111.8W Utah-Idaho border H = 13 35 28.7 h = about 37 km Mag 5 3/4 - 6 (Pas) 5.8 (Pal) Alert eP 13 43 31 S 13 50 (10) Banff eP 13 37 50 Halifax eP 13 42 19 London iP 13 40 27.2 c Mould Bay iP 13 42 18 d S 13 47 50	<b>AUGUST 31</b> Penticton eP 06 38 02	<b>AUGUST 31</b> U.S.C.G.S. 52.5N, 160.6E Near east coast of Kamchatka H = 16 26 05.9 h = about 63 km Alert eP 16 34 04 Mould Bay P 16 33 15 Penticton iP 16 34 40
	<b>AUGUST 31</b> Penticton iP 06 43 37	
	<b>AUGUST 31</b> Penticton iP 08 21 21	

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<b>AUGUST 31</b> U.S.C.G.S. 51.3N, 179.7W Rat Islands, Aleutian Islands H = 17 02 43.4 h = about 26 km Mag 6 3/4 (Pas) 6 - 6 1/4 (Pal) Alert eP 17 10 41 P <sub>c</sub> P 17 12 35 i 17 16 21 S 17 17 (19) Banff eP 17 10 09 c? Halifax eP 17 13 52 Mould Bay P 17 09 26 c P <sub>c</sub> P 17 12 04 S 17 15 08 Penticton iP 17 09 57 c Resolute iP 17 10 20 c Schefferville eP 17 12 51 Victoria P 17 09 41 c	Schefferville eP 18 06 16 Victoria P 18 03 06 c	<b>SEPTEMBER 1</b> U.S.C.G.S. 51.1N, 180.0 Rat Islands, Aleutian Islands H = 03 58 21.5 h = about 33 km Alert eP 04 06 20 Mould Bay iP 04 05 05 c P <sub>c</sub> P 04 07 43 Penticton iP 04 05 36 Schefferville eP 04 08 30
<b>AUGUST 31</b> U.S.C.G.S. 51.4N, 179.8W Rat Islands, Aleutian Islands H = 21 23 14.4 h = about 33 km Penticton iP 21 30 28 d	<b>AUGUST 31</b> U.S.C.G.S. 51.4N, 179.8W Rat Islands, Aleutian Islands H = 21 23 14.4 h = about 33 km Penticton iP 21 30 28 d	<b>SEPTEMBER 1</b> Penticton eP 02 31 17
<b>AUGUST 31</b> U.S.C.G.S. 51.4N, 179.8W Rat Islands, Aleutian Islands H = 03 46 05.0 h = about 25 km Mag 6 1/2 (Pas) 6 (Pal) Alert eP 03 54 03 S 04 00 32 Halifax eP 03 57 13 London P 03 56 27.8 Mould Bay iP 03 52 49 c P <sub>c</sub> P 03 55 26 Penticton iP 03 53 20 c Resolute iP 03 53 41 d Schefferville iP 03 56 14 c Victoria iP 03 53 04 c	<b>SEPTEMBER 1</b> U.S.C.G.S. 51.3N, 179.7W Rat Islands, Aleutian Islands H = 04 41 41.5 h = about 37 km Alert iP 04 49 38 Banff eP 04 49 07 (c) Mould Bay iP 04 48 24 c P <sub>c</sub> P 04 51 00 Penticton iP 04 48 54 Resolute iP 04 49 16 d Schefferville eP 04 51 48 Victoria iP 04 48 40 c	



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<p>SEPTEMBER 1 U. S. C. G. S. 15. 9S, 168. 2E New Hebrides Islands H = 04 52 14. 5 h = about 244 km Alert eP' 05 10 17 Banff eP 05 06 05 Halifax eP' 05 10 52 c Penticton iP 05 04 51 c ipP 05 05 51 Schefferville eP' 05 10 40 Victoria iP 05 04 39 c</p>	<p>SEPTEMBER 1 U. S. C. G. S. 51. 3N, 179. 9W Rat Islands Aleutian Islands H = 07 51 08. 2 h = about 42 km Mag 6 1/2 (Pas) 6 (Pal) Alert iP 07 59 04 c Banff iP 07 58 32 c Halifax eP 08 02 15 London eP 08 01 29. 3 c Mould Bay iP 07 57 50 c P<sub>c</sub>P 08 00 26 S 08 03 30 Penticton iP 07 58 21 c Resolute P 07 58 42 Schefferville iP 08 01 15 c Victoria iP 07 58 05 c</p>	<p>SEPTEMBER 1 U. S. C. G. S. 25. 8N, 65. 3E Near coast of West Pakistan H = 15 01 04. 6 h = about 46 km Alert eP 15 12 (08) i 15 12 15 Mould Bay eP 15 13 01 d PP 15 16 00 Schefferville eP 15 14 07</p>
<p>SEPTEMBER 1 Alert eP 05 07 (33) Mould Bay iP 05 06 17 c i 05 08 53 Schefferville eP 05 09 42</p>	<p>SEPTEMBER 1 U. S. C. G. S. 51. 4N, 179. 8W Rat Islands, Aleutian Islands H = 08 47 06. 9 h = about 29 km Mould Bay iP 08 53 50 c Penticton iP 08 54 20</p>	<p>SEPTEMBER 1 U. S. C. G. S. 35. 6N, 50. 0E Northwest Iran H = 19 20 38. 5 h = about 21 km Mag 7 1/4 (Pas) 7 3/4 (Brk) 7 (Pal) Alert ip 19 38 30 S 19 38 32 Banff eP 19 33 50 c Halifax iP 19 32 48 c London P 19 33 37. 3 Mould Bay iP 19 31 40 c iS 19 40 45 Penticton iP 19 34 01 c Resolute P 19 31 37 c Schefferville iP 19 32 20 c Victoria eP 19 34 06 c</p>
<p>SEPTEMBER 1 U. S. C. G. S. 51. 2N, 180. 0 Rat Islands, Aleutian Islands H = 07 42 07. 4 h = about 33 km Mould Bay P 07 48 51 Penticton iP 07 49 22</p>	<p>SEPTEMBER 1 Penticton iP 08 59 25</p>	<p>SEPTEMBER 1 U. S. C. G. S. 79. 0N, 2. 7E Svalbard region H = 23 43 24. 9 h = about 19 km Alert eP 23 45 54 S 23 47 44 Resolute iS 23 51. 5</p>

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<p>SEPTEMBER 1 Alert eP 19 43 23</p>	<p>Penticton iP 03 09 43 c Schefferville eP 03 12 37 Victoria iP 03 09 27</p>	<p>SEPTEMBER 3 Alert i 07 01 47</p>
<p>SEPTEMBER 1 U. S. C. G. S. 35. 3N, 49. 6E Northwest Iran H = 20 27 37. 2 h = about 33 km Alert eP 20 37 29 Mould Bay iP 20 38 38 d</p>	<p>SEPTEMBER 2 U. S. C. G. S. 27. 5N, 127. 0E Ryukyu Islands H = 05 33 05. 4 h = about 58 km Penticton iP 05 45 27</p>	<p>SEPTEMBER 3 Penticton iP 07 37 37 d</p>
<p>SEPTEMBER 1 U. S. C. G. S. 79. 0N, 2. 7E Svalbard region H = 23 43 24. 9 h = about 19 km Alert eP 23 45 54 S 23 47 44 Resolute iS 23 51. 5</p>	<p>SEPTEMBER 2 U. S. C. G. S. 10. 2S, 120. 3E Soemba Islands region H = 15 21 55. 0 h = about 33 km Schefferville eP' 15 41 21</p>	<p>SEPTEMBER 3 U. S. C. G. S. 34. 5N, 139. 4E Near east coast of Honshu, Japan H = 16 50 38. 2 h = about 33 km Penticton iP 17 01 55</p>
<p>SEPTEMBER 2 Alert eP 01 25 33 S 01 27 24</p>	<p>SEPTEMBER 2 Penticton iP 19 31 20</p>	<p>SEPTEMBER 4 Penticton iP 00 28 03</p>
<p>SEPTEMBER 2 U. S. C. G. S. 51. 3N, 179. 8W Rat Islands, Aleutian Islands H = 03 02 29. 3 h = about 26 km Alert iP 03 10 27 c Mould Bay iP 03 09 13 c</p>	<p>SEPTEMBER 2 U. S. C. G. S. 71. 2N, 12. 7W Jan Mayen Island region H = 19 52 06. 7 h = about 33 km Alert eP 19 55 32</p>	<p>SEPTEMBER 4 U. S. C. G. S. 32. 5S, 112. 3W South of Easter Island region H = 08 27 48. 8 h = about 33 km Penticton iP 08 40 05 Victoria eP 08 40 03</p>
<p>SEPTEMBER 3 Schefferville eP 04 47 21</p>		



## DOMINION OBSERVATORIES

<b>SEPTEMBER 4</b> U. S. C. G. S. 35. 6N, 49. 7E Northwest of Iran H = 13 30 10.9 h = about 24 km Alert iP 13 40 02 c Halifax eP 13 42 21 Penticton iP 13 43 33	<b>SEPTEMBER 4</b> U. S. C. G. S. 41. 0N, 124. 0W Near coast of northern California H = 17 17 27.6 h = about 48 km Mag 4 3/4 - 5 (Pas) 4 3/4 (Brk) Alert eP 17 25 49 Banff iP 17 20 15 c Halifax eP 17 25 30 c London P 17 23 49 Penticton iP 17 19 34 d Resolute iP 17 24 (30) Schefferville eP 17 24 57 c Victoria eP 17 19 14 c	Penticton iP 21 56 16 d Victoria P 21 56 32
<b>SEPTEMBER 4</b> U. S. C. G. S. 15. 0N, 91. 7W Mexico-Guatemala border H = 15 17 42.4 h = about 217 km Alert eP 15 28 23 pP 15 29 07 Banff iP 15 25 03 c London eP 15 23 25.8 c Penticton iP 15 25 07 Schefferville eP 15 25 31 c Victoria eP 15 25 18	<b>SEPTEMBER 4</b> U. S. C. G. S. 15. 5S, 167. 7E New Hebrides Islands H = 19 28 37.0 h = about 133 km Penticton iP 19 41 21	<b>SEPTEMBER 4</b> U. S. C. G. S. 39. 9N, 44. 2E Turkey-Armenia, S. S. R. border H = 22 59 19.4 h = about 33 km Banff eP 23 12 07 Halifax P 23 10 53 Penticton iP 23 12 18 Schefferville eP 23 10 21 Victoria eP 23 12 24
<b>SEPTEMBER 4</b> U. S. C. G. S. 24. 0N, 46. 4W North Atlantic Ocean H = 21 46 00.7 h = about 39 km Alert eP 21 55 (57) Banff eP 21 56 03	<b>SEPTEMBER 5</b> U. S. C. G. S. 52. 7N, 159. 1E Near east coast of Kamchatka H = 08 35 56.3 h = about 101 km Alert eP 08 43 51 Banff eP 08 44 40 (c) Penticton iP 08 44 32 c Victoria eP 08 44 20 c	<b>SEPTEMBER 5</b> U. S. C. G. S. 40. 7N, 112. 0W Utah H = 16 04 29.0 Mag 5 (Pas) Penticton eP 16 06 56 Victoria eP 16 07 13
<b>SEPTEMBER 4</b> U. S. C. G. S. 21. 2S, 174. 5W Tonga Islands region H = 10 49 00.7 h = about 110 km Penticton iP 11 01 28	<b>SEPTEMBER 5</b> U. S. C. G. S. 40. 7N, 112. 0W Utah H = 16 04 29.0 Mag 5 (Pas) Penticton eP 16 06 56 Victoria eP 16 07 13	<b>SEPTEMBER 5</b> U. S. C. G. S. 3. 3S, 139. 9E New Guinea H = 11 17 06.7 h = about 110 km Penticton eP 11 30 33

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<b>SEPTEMBER 5</b> U. S. C. G. S. 3. 3S, 139. 9E New Guinea H = 11 17 06.7 h = about 110 km Penticton eP 11 30 33	<b>SEPTEMBER 6</b> Probably northeast Greenland H = 12 15 01 Mag 4. 3 Note: Not recorded at Resolute or Mould Bay Alert P <sub>n</sub> 12 16 50 S <sub>n</sub> 12 18 10 L <sub>g</sub> 12 18 54 D = 850 km	<b>SEPTEMBER 7</b> Alert eP 23 55 51 Schefferville eP 23 58 38
<b>SEPTEMBER 5</b> U. S. C. G. S. 40. 7N, 112. 0W Utah H = 16 04 29.0 Mag 5 (Pas) Penticton eP 16 06 56 Victoria eP 16 07 13	<b>SEPTEMBER 6</b> Alert eP 13 45 11	<b>SEPTEMBER 8</b> Penticton iP 06 01 59
<b>SEPTEMBER 5</b> U. S. C. G. S. 21. 2S, 174. 5W Tonga Islands region H = 10 49 00.7 h = about 110 km Penticton iP 11 01 28	<b>SEPTEMBER 6</b> Alert i 23 02 09	<b>SEPTEMBER 8</b> Penticton eP 06 32 28
<b>SEPTEMBER 5</b> U. S. C. G. S. 52. 7N, 159. 1E Near east coast of Kamchatka H = 08 35 56.3 h = about 101 km Alert eP 08 43 51 Banff eP 08 44 40 (c) Penticton iP 08 44 32 c Victoria eP 08 44 20 c	<b>SEPTEMBER 6</b> Alert i 20 55 45	<b>SEPTEMBER 8</b> U. S. C. G. S. 16. 9N, 60. 9W Leeward Islands region H = 13 03 34.7 h = about 33 km Alert eP 13 14 17 (d) Penticton iP 13 13 20 d Victoria eP 13 13 36
<b>SEPTEMBER 5</b> U. S. C. G. S. 15. 5S, 167. 7E New Hebrides Islands H = 19 28 37.0 h = about 133 km Penticton iP 19 41 21	<b>SEPTEMBER 6</b> Penticton iP 13 46 51 c Schefferville eP 13 47 09 d	<b>SEPTEMBER 8</b> London i 20 55 45
<b>SEPTEMBER 5</b> U. S. C. G. S. 15. 0N, 91. 7W Mexico-Guatemala border H = 15 17 42.4 h = about 217 km Alert eP 15 28 23 pP 15 29 07 Banff iP 15 25 03 c London eP 15 23 25.8 c Penticton iP 15 25 07 Schefferville eP 15 25 31 c Victoria eP 15 25 18	<b>SEPTEMBER 6</b> Penticton iP 19 01 19	<b>SEPTEMBER 9</b> U. S. C. G. S. 10. 3N, 121. 4E Near coast of Panay, Philippine Islands H = 01 34 38.5 h = about 58 km Alert iP 01 47 20 Penticton iP 01 48 21 Victoria eP 01 48 13



DOMINION OBSERVATORIES

SEPTEMBER 9  
U. S. C. G. S.  
17. 9S, 178. 6W  
Fiji Islands region  
H = 02 56 04. 9  
h = about 625 km  
Penticton  
iP 03 07 37 c  
Victoria  
P 03 07 24

SEPTEMBER 9  
U. S. C. G. S.  
15. 6S, 73. 4W  
Peru  
H = 03 21 55. 5  
h = about 98 km  
Banff  
eP 03 33 33  
Halifax  
eP 03 31 58  
Penticton  
iP 03 33 37 d  
Schefferville  
eP 03 32 59 d  
Victoria  
eP 03 33 45

SEPTEMBER 9  
U. S. C. G. S.  
62. 4N, 152. 4W  
Alaska  
H = 19 12 37. 1  
h = about 57 km  
Alert  
eP 19 18 31  
Banff  
eP 19 17 36  
Halifax  
eP 19 21 37 d  
Penticton  
iP 19 17 32 d  
Schefferville  
eP 19 20 26 d

SEPTEMBER 10  
U. S. C. G. S.  
35. 0N, 27. 1E  
Dodecanese Islands  
H = 09 36 24. 3  
h = about 33 km  
Alert  
eP 09 45 58  
S 09 53 (43)  
Halifax  
iP 09 47 15 d  
London  
eP 09 48 25  
Penticton  
iP 09 49 28 d  
Schefferville  
eP 09 46 58

SEPTEMBER 10  
U. S. C. G. S.  
17. 5S, 173. 6W  
Tonga Islands region  
H = 17 49 16. 1  
h = about 33 km  
Penticton  
iP 18 01 32 d

SEPTEMBER 10  
U. S. C. G. S.  
13. 6S, 111. 6W  
Pacific Ocean 1250 miles  
southwest of Galapagos  
Islands  
H = 20 07 56. 5  
h = about 33 km  
Schefferville  
eP 20 19 59 d

SEPTEMBER 10  
U. S. C. G. S.  
21. 1S, 179. 2W  
Fiji Islands  
H = 15 43 59. 4  
h = about 640 km  
Mag 6 1/2 (Pas)  
Alert  
eP' 16 01 27 c  
Banff  
iP 15 55 58 d  
Halifax  
iP' 16 01 44. 5 d  
London  
P' 16 01 19. 6  
Mould Bay  
iP' 16 01 08 d  
Penticton  
iP 15 55 42 d

Resolute  
P' 16 01 17  
Schefferville  
eP' 16 01 39 c  
Victoria  
iP 15 55 32 d

SEPTEMBER 10  
U. S. C. G. S.  
17. 5S, 173. 6W  
Tonga Islands region  
H = 17 49 16. 1  
h = about 33 km  
Penticton  
iP 18 01 32 d

SEPTEMBER 10  
U. S. C. G. S.  
12. 3N, 86. 7W  
Nicaragua  
H = 21 52 26. 6  
h = about 178 km  
Penticton  
iP 22 00 32  
Schefferville  
eP 22 00 26 c

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SEPTEMBER 11  
U. S. C. G. S.  
15. 2S, 173. 4W  
Samoa Islands region  
H = 02 24 22. 9  
h = about 33 km  
Penticton  
iP 02 36 31

SEPTEMBER 11  
Penticton  
eP 04 49 29

SEPTEMBER 11  
Penticton  
iP 07 58 34

SEPTEMBER 11  
Alert  
i 16 49 54

SEPTEMBER 11  
U. S. C. G. S.  
26. 9N, 142. 7E  
Bonin Islands region  
H = 17 51 11. 1  
h = about 33 km  
Alert  
iP 18 02 22  
Mould Bay  
iP 18 01 56 d

SEPTEMBER 11  
Penticton  
iP 20 23 00 d

SEPTEMBER 12  
U. S. C. G. S.  
23. 1S, 68. 8W  
Northern Chile  
H = 12 28 16. 3  
h = about 150 km  
Banff  
eP 12 40 32  
Schefferville  
iP 12 39 57 c  
Victoria  
eP 12 40 43 c

SEPTEMBER 12  
U. S. C. G. S.  
36. 5N, 69. 2E  
Hindu Kush  
H = 20 57 00. 4  
h = about 50 km  
Mag 6 1/2 - 6 3/4 (Pas)  
6 (Pal)  
Alert  
eP 21 06 56 c  
Banff  
iP 21 10 08  
Halifax  
eP 21 09 50 c  
London  
P 21 10 25. 3  
Mould Bay  
iP 21 07 53 c  
S 21 16 48  
Penticton  
iP 21 10 16 c  
Resolute  
iP 21 08 01 d  
Victoria  
P 21 10 18

SEPTEMBER 12  
H = 23 12 03  
Mag 2. 5  
Penticton  
eP<sub>n</sub> 23 12 57. 4  
eS<sub>n</sub> 23 13 48. 3  
D = 416 km  
Victoria  
eP<sub>n</sub> 23 12 34. 2  
eS<sub>n</sub> 23 12 58. 7  
D = 200 km

SEPTEMBER 12  
U. S. C. G. S.  
21. 3S, 174. 7W  
Tonga Islands  
H = 05 02 22. 8  
h = about 33 km  
Penticton  
iP 05 15 01

SEPTEMBER 13  
U. S. C. G. S.  
47. 7N, 157. 0E  
Kurile Islands  
Alert  
eP 08 16 32  
i 08 16 42  
Penticton  
iP 08 17 01 c

SEPTEMBER 13  
Penticton  
iP 12 59 12

SEPTEMBER 13  
U. S. C. G. S.  
25. 6N, 109. 6W  
Gulf of California  
H = 13 59 06. 2  
h = about 33 km  
Penticton  
iP 14 04 28





DOMINION OBSERVATORIES

SEPTEMBER 13  
U.S.C.G.S.  
11.6N, 61.3W  
North of Trinidad  
H = 14 35 02.0  
h = about 73 km  
Alert  
eP 14 46 13  
London  
P 14 41 57  
Mould Bay  
iP 14 46 17

SEPTEMBER 14  
Penticton  
eP 00 11 49

SEPTEMBER 14  
Penticton  
iP 14 04 27

SEPTEMBER 14  
U.S.C.G.S.  
19.9S, 177.6W  
Fiji Islands  
H = 18 17 52.1  
h = about 350 km  
Banff  
iP 18 30 09 d  
Penticton  
iP 18 29 55 d  
Victoria  
eP 18 29 42 d

SEPTEMBER 14  
H = 23 47 46  
Mag 1.6  
Penticton  
eP<sub>n</sub> 23 48 12.8  
eS<sub>n</sub> 23 48 33.6  
D = 170 km

SEPTEMBER 15  
U.S.C.G.S.  
13.3N, 141.9E  
Mariana Islands  
H = 00 55 41.0  
h = about 45 km  
Penticton  
iP 01 08 16

SEPTEMBER 15  
U.S.C.G.S.  
20.4S, 68.1W  
Southern Bolivia  
H = 11 18 23.0  
h = about 33 km  
Penticton  
iP 11 30 48

SEPTEMBER 15  
Banff  
eP 12 28 20  
Penticton  
eP 12 28 11

SEPTEMBER 15  
U.S.C.G.S.  
48.5N, 156.8E  
Kurile Islands  
H = 22 50 46.3  
h = about 33 km  
Mag 6 1/2 (Pas)  
6 (Pal)  
Alert  
eP 22 59 22  
Banff  
eP 23 00 02  
Halifax  
eP 23 02 58 d  
London  
eP 23 02 29 c  
Mould Bay  
P 22 58 38  
S 23 05 06

Penticton  
iP 22 59 55 d  
Resolute  
eP 22 59 28 d  
Schefferville  
eP 23 02 00  
Victoria  
eP 22 59 43

SEPTEMBER 16  
U.S.C.G.S.  
19.3N, 103.1W  
Jalisco, Mexico  
H = 03 05 33.0  
h = about 100 km  
Mag 4 3/4 - 5 (Pal)  
Alert  
eP 03 16 04  
i 03 16 24  
Halifax  
P 03 13 11  
i 03 13 30  
London  
P 03 11 33  
Penticton  
iP 03 11 58  
Schefferville  
eP 03 13 39 d  
Victoria  
P 03 12 04

SEPTEMBER 16  
U.S.C.G.S.  
35.8N, 118.1W  
Kern County, California  
H = 05 36 15.7  
h = about 10 km  
Mag 4 3/4 - 5 (Pas)  
5 1/2 - 5 3/4 (Brk)  
Alert  
eP 05 45 14 d  
Banff  
eP 05 39 55  
Penticton  
iP 05 39 34 c  
Victoria  
eP 05 39 30

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SEPTEMBER 16  
Penticton  
iP 09 59 54

SEPTEMBER 16  
U.S.C.G.S.  
16.7N, 94.2E  
Near coast of Burma  
H = 19 06 29.2  
h = about 33 km  
Alert  
eP 19 18 39  
Mould Bay  
P 19 19 03

SEPTEMBER 16  
Penticton  
iP 21 29 21

SEPTEMBER 16  
U.S.C.G.S.  
22.8N, 123.5E  
Near east coast  
of Formosa  
H = 22 45 10.8  
h = about 33 km  
Alert  
eP 22 56 49  
Mould Bay  
P 22 56 45  
Penticton  
iP 22 58 04

SEPTEMBER 17  
U.S.C.G.S.  
64.3N, 149.3W  
Alaska  
H = 01 10 18.7  
h = about 63 km  
Penticton  
iP 01 15 11

SEPTEMBER 17  
Penticton  
iP 03 27 46

SEPTEMBER 17  
U.S.C.G.S.  
66.1N, 153.9W  
Alaska  
H = 15 46 45.9  
h = about 63 km  
Penticton  
iP 15 52 02

SEPTEMBER 17  
U.S.C.G.S.  
23.5N, 121.7E  
Off east coast  
of Formosa  
H = 16 31 17.9  
h = about 33 km  
Penticton  
iP 16 44 13

SEPTEMBER 17  
U.S.C.G.S.  
21.0S, 179.1W  
Fiji Islands  
H = 17 55 45.4  
h = about 601 km  
Alert  
eP' 18 13 16  
Penticton  
iP 18 07 33 d  
Victoria  
iP 18 07 21

SEPTEMBER 18  
Penticton  
iP 01 10 44

SEPTEMBER 18  
Penticton  
iP 02 48 50

SEPTEMBER 18  
Penticton  
eP 03 26 05

SEPTEMBER 18  
Penticton  
iP 05 04 26

Alert  
eP 00 40 48 (c)  
S 00 50 25  
Banff  
eP 00 38 09  
Halifax  
eP 00 36 46 d  
London  
P 00 36 04  
Mould Bay  
iP 00 40 24 d  
iS 00 49 44  
Penticton  
iP 00 38 14 c  
Resolute  
iP 00 39 59  
Schefferville  
eP 00 37 47  
Victoria  
eP 00 38 25 c



DOMINION OBSERVATORIES

SEPTEMBER 18  
U.S.C.G.S.  
7.3N, 82.4W  
South of Panama  
H = 05 13 37.5  
h = about 41 km  
Alert  
eP 05 25 19  
Mould Bay  
iP 05 24 56 c  
Penticton  
iP 05 22 47 c  
Schefferville  
eP 05 22 20  
Victoria  
P 05 23 05

SEPTEMBER 18  
U.S.C.G.S.  
2.3N, 126.9E  
Molucca Passage  
H = 06 10 26.3  
h = about 33 km  
Mould Bay  
P 06 23 41

SEPTEMBER 18  
Alert  
eP 10 22 07  
i 10 34 07

SEPTEMBER 18  
U.S.C.G.S.  
21.0S, 169.9E  
New Hebrides Islands  
H = 20 11 47.5  
h = about 81 km  
Penticton  
iP 20 24 56 c

SEPTEMBER 18  
U.S.C.G.S.  
14.8S, 178.1W  
Fiji Islands  
H = 21 47 30.9  
h = about 526 km  
Penticton  
iP 21 58 57

SEPTEMBER 18  
Penticton  
iP 22 15 27

SEPTEMBER 19  
U.S.C.G.S.  
42.0N, 132.9E  
Sea of Japan  
H = 00 06 58.7  
h = about 436 km  
Alert  
eP 00 15 53 c  
Penticton  
iP 00 17 20 d

SEPTEMBER 19  
U.S.C.G.S.  
52.3N, 173.4W  
Andreanof Islands,  
Aleutian Islands  
H = 01 22 35.5  
h = about 33 km  
Alert  
eP 01 30 20  
Mould Bay  
eP 01 28 57 c  
iP<sub>c</sub>P 01 31 47  
Penticton  
iP 01 29 14 c  
Schefferville  
P 01 32 19  
Victoria  
P 01 28 58

SEPTEMBER 19  
U.S.C.G.S.  
7.6N, 81.8W  
South of Panama  
H = 01 42 15.1  
h = about 33 km  
Mould Bay  
P 01 53 35

SEPTEMBER 19  
Penticton  
eP 02 37 26

SEPTEMBER 19  
U.S.C.G.S.  
48.1N, 145.1E  
Near east coast of  
Sakhalin Island  
H = 05 07 39.1  
h = about 466 km  
Alert  
eP 05 15 42 d  
Mould Bay  
iP 05 15 14 d  
Penticton  
iP 05 16 52 d  
Resolute  
iP 05 15 59

SEPTEMBER 19  
U.S.C.G.S.  
29.9N, 50.4E  
Western Iran  
H = 07 28 43.2  
h = about 66 km  
Alert  
iP 07 39 07  
Mould Bay  
P 07 40 14

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SEPTEMBER 19  
U.S.C.G.S.  
11.5N, 141.0E  
Mariana Islands  
region  
H = 07 48 35.2  
h = about 61 km  
Alert  
eP 08 01 08  
Mould Bay  
eP 08 00 45 c  
Penticton  
iP 08 01 17 c

SEPTEMBER 19  
Penticton  
eP 10 42 53

SEPTEMBER 19  
Penticton  
iP 15 14 25

SEPTEMBER 19  
H = 20 33 42  
Mag 2.2  
West of Victoria  
Penticton  
iP<sub>n</sub> 20 34 29.3  
D = 327 km  
Victoria  
iP<sub>1</sub> 20 33 46.0  
iS<sub>1</sub> 20 33 48.7  
D = 22 km

SEPTEMBER 20  
Canadian Arctic  
H = 02 29 36.9  
Mag 2.0  
Resolute  
P<sub>1</sub> 02 29 50  
S<sub>1</sub> 02 30 00  
D = 82 km

SEPTEMBER 20  
U.S.C.G.S.  
4.5S, 80.5W  
Near coast of  
northern Peru  
H = 06 03 23.7  
h = about 17 km  
Mould Bay  
P 06 15 52  
Penticton  
iP 06 13 55

SEPTEMBER 20  
U.S.C.G.S.  
30.3N, 132.3E  
Ryukyu Islands  
H = 06 16 30.4  
h = about 59 km  
Alert  
eP 06 27 20  
Mould Bay  
P 06 27 06

SEPTEMBER 20  
U.S.C.G.S.  
15.5S, 76.1W  
Near coast of  
southern Peru  
H = 09 25 26.7  
h = about 33 km  
Penticton  
iP 09 37 01

SEPTEMBER 20  
Penticton  
eP 11 10 02

SEPTEMBER 20  
Mould Bay  
P 14 23 54  
Penticton  
iP 14 21 44

SEPTEMBER 20  
Alert  
eP 18 13 31  
Mould Bay  
P 18 13 16

SEPTEMBER 21  
U.S.C.G.S.  
8.0N, 126.4E  
Near east coast of  
Mindanao, Philippine  
Islands  
H = 00 56 41.6  
h = about 146 km  
Mould Bay  
eP 01 09 16 d

SEPTEMBER 21  
U.S.C.G.S.  
53.7N, 160.3E  
Near east coast of  
Kamchatka  
H = 02 26 18.5  
h = about 147 km  
Mould Bay  
eP 02 33 10 c

SEPTEMBER 21  
U.S.C.G.S.  
51.4N, 178.0W  
Andreanof Islands,  
Aleutian Islands  
H = 05 04 28.6  
h = about 33 km  
Mould Bay  
P 05 11 09  
Penticton  
eP 05 11 31

SEPTEMBER 21  
Penticton  
eP 05 50 45



DOMINION OBSERVATORIES

SEPTEMBER 21

U.S.C.G.S.  
21. 2S, 179. 0W  
Tonga Islands  
region  
H = 08 44 11. 0  
h = about 624 km  
Penticton  
iP 08 55 57 d

SEPTEMBER 21

U.S.C.G.S.  
51. 4N, 178. 3W  
Andreanof Islands,  
Aleutian Islands  
H = 09 08 45. 7  
h = about 33 km  
Mould Bay  
eP 09 15 24 c  
Penticton  
iP 09 15 51 c

SEPTEMBER 21

U.S.C.G.S.  
17. 7S, 178. 7W  
Fiji Islands region  
H = 14 54 51. 0  
h = about 536 km  
Penticton  
iP 15 06 30 c

SEPTEMBER 21

U.S.C.G.S.  
57. 7S, 64. 1W  
Drake Passage  
H = 22 38 51. 7  
h = about 51 km  
Mould Bay  
iP' 22 58 12 c

SEPTEMBER 22

U.S.C.G.S.  
51. 1N, 177. 9E  
Rat Islands,  
Aleutian Islands  
H = 03 38 29. 9  
h = about 33 km  
Mould Bay  
iP 03 45 22 c

SEPTEMBER 22

U.S.C.G.S.  
24. 3S, 67. 1W  
Salta Province,  
Argentina  
H = 06 44 04. 9  
h = about 168 km  
Penticton  
iP 06 56 32

SEPTEMBER 22

U.S.C.G.S.  
26. 5N, 97. 0E  
Northern Burma  
H = 06 51 32. 3  
h = about 33 km  
Alert  
eP 07 02 48 c  
iS 07 12 04  
Mould Bay  
eP 07 03 12 c  
S 07 12 50  
Penticton  
iP 07 05 06  
Resolute  
iP 07 03 36 c  
Schefferville  
eP 07 05 (08)

SEPTEMBER 22

U.S.C.G.S.  
36. 4N, 69. 0E  
Hindu Kush  
H = 08 06 28. 2  
h = about 33 km

Alert

eP 08 16 26  
Mould Bay  
iP 08 17 23 c  
Penticton  
iP 08 19 46 d  
Schefferville  
eP 08 18 44

SEPTEMBER 22

Mould Bay  
eP 15 26 49 d

SEPTEMBER 22-

U.S.C.G.S.  
41. 1N, 142. 8E  
Off south coast of  
Hokkaido, Japan  
H = 18 00 57. 7  
h = about 59 km  
Mould Bay  
P 18 10 05

SEPTEMBER 22

Mould Bay  
P 19 25 49

SEPTEMBER 23

U.S.C.G.S.  
23. 7S, 179. 9E  
Fiji Islands region  
H = 06 59 49. 9  
h = about 549 km  
Penticton  
iP 07 11 53

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SEPTEMBER 23

U.S.C.G.S.  
14. 7N, 45. 1W  
North Atlantic Ocean  
H = 11 49 53. 5  
h = about 33 km  
Penticton  
eP 12 00 57

SEPTEMBER 23

U.S.C.G.S.  
14. 7N, 45. 1W  
North Atlantic Ocean  
H = 12 02 34. 7  
h = about 32 km  
Alert  
eP 12 13 33  
Mould Bay  
P 12 13 58  
Penticton  
iP 12 13 38  
Shawinigan Falls  
eP 12 10 03

SEPTEMBER 23

U.S.C.G.S.  
25. 9N, 128. 6E  
Off east coast of  
Ryukyu Islands  
H = 12 24 13. 6  
h = about 162 km  
Mould Bay  
iP 12 35 14 d

SEPTEMBER 23

Alert  
e 12 47 58  
Penticton  
iP 12 48 02

SEPTEMBER 23

U.S.C.G.S.  
60. 1N, 151. 2W  
Kenai Peninsula,  
Alaska  
H = 15 50 46. 4  
h = about 86 km  
Alert  
eP 15 56 56 d  
Banff  
eP 15 55 32 d  
Halifax  
eP 15 59 45 c  
Mould Bay  
eP 15 55 09 d  
Penticton  
iP 15 55 24 d  
Resolute  
P 15 56 03  
Schefferville  
eP 15 58 37 c  
Shawinigan Falls  
eP 15 59 02  
Victoria  
P 15 55 11

SEPTEMBER 23

Penticton  
eP 17 31 52

SEPTEMBER 24

Penticton  
eP 02 26 55

SEPTEMBER 24

U.S.C.G.S.  
44. 3N, 80. 6E  
Kazakh, S.S.R.  
H = 03 26 38. 8  
h = about 33 km  
Mould Bay  
P 03 36 33  
i 03 36 40

SEPTEMBER 24

U.S.C.G.S.  
9. 2N, 126. 6E  
Off east coast of  
Mindanao, Philippine  
Islands  
H = 05 28 26. 5  
h = about 33 km  
Mould Bay  
eP 05 41 09 c  
Penticton  
iP 05 42 03  
Resolute  
i(P) 05 41 37 c

SEPTEMBER 24

Penticton  
eP 07 19 01  
Victoria  
P 07 18 25

SEPTEMBER 24

U.S.C.G.S.  
35. 9N, 139. 6E  
Central Honshu,  
Japan  
H = 09 23 16. 5  
h = about 83 km  
Alert  
eP 09 33 26  
Mould Bay  
P 09 33 03  
Penticton  
iP 09 34 21

SEPTEMBER 24

U.S.C.G.S.  
23. 5S, 67. 1W  
JuJuy Province,  
Argentina  
H = 13 56 45. 8  
h = about 162 km  
Penticton  
iP 14 09 11



DOMINION OBSERVATORIES

<p>SEPTEMBER 24 U.S.C.G.S. 7.7N, 83.3W South of Panama H = 14 22 47.0 h = about 79 km Mould Bay P 14 33 59 Penticton iP 14 31 49</p>	<p>SEPTEMBER 24 U.S.C.G.S. 42.9N, 145.3E Near east coast of eastern Hokkaido, Japan H = 14 45 37.3 h = about 33 km Mould Bay eP 14 54 29 d Penticton iP 14 55 55</p>	<p>SEPTEMBER 25 U.S.C.G.S. 34.0N, 131.7E Near south coast of Yamaguchi H = 02 37 20.1 h = about 33 km Mould Bay P 02 47 36</p>
<p>SEPTEMBER 24 Alert e(P) 14 41 10 i 14 41 17 Mould Bay P 14 41 36 Penticton iP 14 41 15</p>	<p>SEPTEMBER 24 U.S.C.G.S. 36.4N, 70.9E Hindu Kush H = 15 15 04.3 h = about 216 km Mould Bay P 15 25 38</p>	<p>SEPTEMBER 25 U.S.C.G.S. 24.0S, 176.6W Tonga Islands region H = 07 30 09.3 h = about 33 km Penticton iP 07 43 02 c</p>
<p>SEPTEMBER 24 U.S.C.G.S. 42.8N, 145.3E Near east coast of Hokkaido, Japan H = 14 38 21.7 h = about 33 km Alert eP 14 47 45 Banff eP 14 48 47 Mould Bay P 14 47 15 Penticton iP 14 48 41 d Resolute P 14 48 02 Schefferville eP 14 50 24 Victoria P 14 48 30</p>	<p>SEPTEMBER 24 Penticton iP 16 10 05</p> <p>SEPTEMBER 24 Penticton iP 17 05 27</p> <p>SEPTEMBER 25 U.S.C.G.S. 55.6S, 124.3W South Pacific Ocean H = 00 21 14.6 h = about 67 km Mould Bay P' 00 40 25</p>	<p>SEPTEMBER 25 U.S.C.G.S. 32.9N, 137.8E South of Honshu Island, Japan H = 10 22 45.1 h = about 325 km Mould Bay iP 10 32 28 c Penticton iP 10 33 42 c Victoria P 10 33 32 c</p> <p>SEPTEMBER 25 Canadian Arctic H = 14 03 37.5 Mag 1.8 Mould Bay P<sub>1</sub> 14 03 46.0 S<sub>1</sub> 14 03 52.5 D = 53.3 km</p>

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<p>SEPTEMBER 25 U.S.C.G.S. 11.7N, 138.6E Mariana Islands H = 14 49 46.9 h = about 33 km Mould Bay eP 15 02 05 c Penticton iP 15 02 41</p>	<p>SEPTEMBER 26 Penticton iP 09 40 25</p> <p>SEPTEMBER 26 H = 11 44 16 Mag 2.7 Penticton P<sub>n</sub> 11 44 48.3 S<sub>n</sub> 11 45 14.3 D = 213 km Victoria P<sub>n</sub> 11 44 57.1 S<sub>n</sub> 11 45 25.4 D = 284 km</p>	<p>SEPTEMBER 27 U.S.C.G.S. 17.9S, 64.9W Central Bolivia H = 07 50 28.3 h = about 120 km Banff eP 08 02 37 d London eP 08 00 48 Penticton iP 08 02 42 d Schefferville eP 08 01 56 Victoria P 08 02 49</p>
<p>SEPTEMBER 26 U.S.C.G.S. 61.8N, 151.6W Central Alaska H = 02 21 52.1 h = about 61 km Mould Bay P 02 26 00</p>	<p>SEPTEMBER 26 Mould Bay P 12 59 39 Penticton iP 12 57 40</p>	<p>SEPTEMBER 27 U.S.C.G.S. 42.3N, 142.3E Hokkaido, Japan H = 09 18 24.9 h = about 47 km Alert eP 09 27 52 Penticton iP 09 28 55</p>
<p>SEPTEMBER 26 U.S.C.G.S. 46.5N, 153.0E Kurile Islands H = 02 53 29.9 h = about 51 km Mould Bay P 03 01 45</p>	<p>SEPTEMBER 26 U.S.C.G.S. 18.7N, 145.4E Mariana Islands region H = 13 24 30.1 h = about 201 km Alert eP 13 36 09 c Mould Bay P 13 35 41</p>	<p>SEPTEMBER 27 Penticton iP 11 38 07</p>
<p>SEPTEMBER 26 H = 03 06 52 Mag 2.1 Penticton P<sub>n</sub> 03 07 21.3 S<sub>n</sub> 03 07 43.9 D = 185 km</p>	<p>SEPTEMBER 26 Penticton iP 14 28 47 d</p>	<p>SEPTEMBER 27 U.S.C.G.S. 18.4S, 68.7W Peru-Bolivia border H = 12 30 53.0 h = about 59 km Penticton eP 12 43 03</p>
<p>SEPTEMBER 26 U.S.C.G.S. 44.9N, 112.6W Southwestern Montana H = 05 07 15.2 h = about 33 km Penticton e 05 09 06</p>	<p>SEPTEMBER 26 Mould Bay P 21 33 07 i 21 35 53 Penticton eP 21 33 26</p>	



DOMINION OBSERVATORIES

SEPTEMBER 27  
 U.S.C.G.S.  
 4.6S, 104.4E  
 Southern Sumatra  
 H = 12 56 18.6  
 h = about 144 km  
 Penticton  
 iP' 13 14 58

SEPTEMBER 27  
 U.S.C.G.S.  
 17.6S, 178.9W  
 Fiji Islands  
 H = 13 25 05.6  
 h = about 507 km  
 Banff  
 iP 13 37 01 c  
 Penticton  
 iP 13 36 47 c  
 Victoria  
 P 13 36 34 c

SEPTEMBER 28  
 U.S.C.G.S.  
 55.0N, 160.7W  
 Alaska Peninsula  
 H = 05 34 21.1  
 h = about 89 km  
 Mould Bay  
 P 05 39 51

SEPTEMBER 28  
 Penticton  
 eP 12 10 29

SEPTEMBER 28  
 U.S.C.G.S.  
 5.2N, 76.2W  
 Western Colombia  
 H = 18 56 08.7  
 h = about 127 km  
 Alert  
 eP 19 07 51  
 Banff  
 eP 19 05 37

Halifax  
 iP 19 03 40 d  
 London  
 iP 19 03 16 c  
 Mould Bay  
 eP 19 07 35 c  
 pP 19 08 02  
 Penticton  
 iP 19 05 46 d  
 Schefferville  
 iP 19 04 52 c  
 Shawinigan Falls  
 eP 19 03 45  
 Victoria  
 P 19 05 57

SEPTEMBER 28  
 H = 22 32 12  
 Mag 2.6  
 Penticton  
 P<sub>n</sub> 22 32 58.0  
 S<sub>n</sub> 22 33 37.8  
 D = 326 km

SEPTEMBER 29  
 Penticton  
 eP 01 32 17  
 Victoria  
 P 01 31 50

SEPTEMBER 29  
 Mould Bay  
 P 03 09 37

SEPTEMBER 29  
 U.S.C.G.S.  
 20.0S, 68.0W  
 Southern Bolivia  
 H = 05 21 49.6  
 h = about 26 km  
 Penticton  
 iP 05 34 14 c  
 Schefferville  
 eP 05 33 30 c

SEPTEMBER 29  
 U.S.C.G.S.  
 28.2N, 57.4E  
 Southern Iran  
 H = 06 53 56.1  
 h = about 50 km  
 Mould Bay  
 P 07 05 38  
 Schefferville  
 eP 07 06 25

SEPTEMBER 29  
 U.S.C.G.S.  
 27.0S, 63.6W  
 Santiago Del Estero  
 Province, Argentina  
 H = 15 17 47.7  
 h = about 575 km  
 Mag 6 1/2 (Pas)  
 6 1/4 (Pal)  
 Alert  
 eP 15 31 (13)  
 iP' 15 35 13  
 Banff  
 eP 15 29 47 (d)  
 Halifax  
 iP 15 28 12 d  
 London  
 eP 15 28 12 d  
 Mould Bay  
 P' 15 35 13  
 Penticton  
 iP 15 29 52  
 Schefferville  
 iP 15 29 06 d  
 Shawinigan Falls  
 iP 15 28 25 d  
 Victoria  
 P 15 29 58

SEPTEMBER 30  
 U.S.C.G.S.  
 38.4N, 73.1E  
 Tadzhik, S.S.R.  
 H = 06 04 54.9  
 h = about 33 km  
 Mould Bay  
 P 06 15 35

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SEPTEMBER 30  
 U.S.C.G.S.  
 13.5N, 146.2E  
 Mariana Islands  
 H = 06 44 00.4  
 h = about 94 km  
 Alert  
 eP 06 56 19 c  
 Mould Bay  
 P 06 55 50 c  
 Penticton  
 eP 06 56 14

SEPTEMBER 30  
 U.S.C.G.S.  
 5.2S, 152.7E  
 New Britain region  
 H = 10 48 10.3  
 h = about 33 km  
 Mould Bay  
 eP 11 01 28 c  
 Penticton  
 eP 11 01 20

SEPTEMBER 30  
 U.S.C.G.S.  
 18.6N, 120.9E  
 Near north coast  
 of Luzon,  
 Philippine Islands  
 H = 21 57 24.8  
 h = about 51 km  
 Alert  
 iP 22 09 26  
 Mould Bay  
 eP 22 09 22 c  
 Penticton  
 iP 22 10 39 c  
 Victoria  
 P 22 10 32



DOMINION OBSERVATORIES

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the third quarter of 1962. The times of observed phases are given in their respective chronological positions in the text of this bulletin. M = magnitude.

- JULY 2 09 32 53 M = 1.5 28 miles from Resolute, N. W. T.
- JULY 15 03 30 15 68.4°N ± 1.5°, 72.9°W ± 2.5° M = 4.4 In Baffin Bay 150 miles east of Bylot Island, N. W. T.
- JULY 18 11 21 44 62.5°N ± 1.0°, 65.0°W ± 2.0° M = 4.9 In Frobisher Bay near Loks Land, N. W. T.
- AUGUST 6 06 32 39 M = 2.4 106 miles from Alert, N. W. T.
- AUGUST 7 10 57 48 Depth about 8 km. M = 3.6 230 miles from Alert, N. W. T.
- AUGUST 12 14 33 26 M = 2.5 112 miles from Resolute, N. W. T.
- AUGUST 14 03 33 59 M = 2.6 61 miles from Resolute, N. W. T.
- AUGUST 20 14 34 18 76.2°N, 93.9°W (provisional) Off the south coast of Grinnell Peninsula, Devon Island, N. W. T.
- AUGUST 26 06 50 52 M = 2.9 158 miles from Alert, N. W. T.
- AUGUST 26 07 17 42 M = 2.9 163 miles from Alert, N. W. T.
- SEPTEMBER 20 02 29 37 M = 2.0 51 miles from Resolute, N. W. T.
- SEPTEMBER 25 14 03 38 M = 1.8 33 miles from Mould Bay, N. W. T.

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EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1962. The times of observed phases are given in their respective chronological positions in the text of this bulletin. M = magnitude.

- JULY 27 17 56 57 47°15'N ± 25', 70°40'W ± 25'. M = 4.3 About 15 miles SW of Baie-St-Paul, Que.
- AUGUST 3 01 31 02 52.0°N ± 2.0°, 54.2°W ± 3.0° M = 4.8 In the Labrador Sea about 75 miles east of the SE corner of Labrador, Nfld. It is possible that this shock is farther north because the Halifax trace was very small and may not be associated with this shock.
- AUGUST 11 03 05 16 47°32'N ± 20', 70°03'W ± 20' M = 4.1 In the St. Lawrence River about 10 miles west of Kamouraska, Que.
- AUGUST 19 14:00 to 14:30 Not recorded but felt with intensity II (M = 2.3), at Desjoachim Colony (46°10'N, 77°46'W) about 40 miles NE of Pembroke, Ont. Report given by Ontario Hydro personnel.



DOMINION OBSERVATORIES  
EARTHQUAKES IN WESTERN CANADA  
AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. In some cases, although they are not included in the text, readings from Hungry Horse station in Montana, U.S.A. were used to compute epicentres. The quality (Q) of the epicentre is indicated by a letter from "a" meaning an excellent fit of observed data to "d" meaning a very poor solution.

One earthquake was felt at Lac La Hache, Soda Creek, Alkali Lake, Williams Lake and Marguerite in the Cariboo District of central British Columbia.

JULY 5 at 03 16 02 U.T. Magnitude 1.9. Epicentre at 47.3°N, 123.0°W, in eastern Olympic Mtns., U.S.A. Q = c.

JULY 6 at 23 04 22 U.T. Magnitude 2.1 260 km from Pentiction.

JULY 11 at 23 06 02 U.T. Magnitude 1.8 183 km from Pentiction.

JULY 12 at 22 43 06 U.T. Magnitude 2.6 358 km from Pentiction, and 322 km from Victoria.

JULY 13 at 20 09 47 U.T. Magnitude 4.2 Epicentre at 52.2°N, 129.9°W, southeast of Queen Charlotte Islands. Q = c.

JULY 16 at 16 52 15 U.T. Magnitude 2.6 329 km from Pentiction, and 208 km from Banff.

JULY 17 at 08 44 50 U.T. Magnitude 1.8 68 km from Victoria.

JULY 19 at 19 50 41 U.T. Magnitude 2.0 194 km from Pentiction.

JULY 20 at 17 06 07 U.T. Magnitude 2.6 285 km from Pentiction.

JULY 20 at 20 40 31 U.T. Magnitude 2.5 238 km from Pentiction.

JULY 26 at 16 44 34 U.T. Magnitude 3.5 Epicentre at 49.4°N, 127.0°W, west of Vancouver Island. Q = c.

JULY 29 at 05 32 10 U.T. Magnitude 2.7 Epicentre at 49.9°N, 124.1°W, near Jervis Inlet. Q = b.

JULY 29 at 06 55 12 U.T. Magnitude 2.4 Epicentre at 50.8°N, 124.5°W, near Bute Inlet. Q = c.

AUGUST 1 at 20 59 35 U.T. Magnitude 1.7 Epicentre at 48.6°N, 122.0°W, near Mount Baker, U.S.A. Q = c.

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AUGUST 2 at 21 26 08 U.T. Magnitude 1.7 175 km from Pentiction.

AUGUST 2 at 22 22 30 U.T. Magnitude 2.1 230 km from Pentiction, 114 km from Victoria.

AUGUST 3 at 22 00 27 U.T. Magnitude 2.5 250 km from Pentiction.

AUGUST 3 at 22 06 15 U.T. Magnitude 1.8 Epicentre at 47.8°N, 120.9°W, in Washington, U.S.A. Q = c.

AUGUST 8 at 23 04 38 U.T. Magnitude 1.3 75 km from Pentiction.

AUGUST 10 at 10 59 41 U.T. Magnitude 2.5 183 km from Banff, 283 km from Pentiction.

AUGUST 10 at 21 49 39 U.T. Magnitude 1.9 34 km from Victoria.

AUGUST 11 at 01 10 15 U.T. Magnitude 2.6 Epicentre at 48.8°N, 125.2°W, in Barkley Sound. Q = c.

AUGUST 11 at 19 11 31 U.T. Magnitude 1.5 50 km from Alberni.

AUGUST 13 at 23 32 28 U.T. Magnitude 2.7 356 km from Pentiction.

AUGUST 15 at 04 10 20 U.T. Magnitude 1.5 177 km from Pentiction.

AUGUST 18 at 19 59 40 U.T. Magnitude 2.2 266 km from Pentiction.

AUGUST 23 at 14 12 56 U.T. Magnitude 2.4 332 km from Pentiction.

AUGUST 28 at 19 19 59 U.T. Magnitude 4.3 Epicentre at 51.7°N, 121.9°W, near Lac La Hache. Q = b. Felt at Williams Lake, Lac La Hache, Alkali Creek, Soda Creek.

AUGUST 29 at 02 44 54 U.T. Magnitude 2.1 269 km from Pentiction.

AUGUST 29 at 17 02 53 U.T. Magnitude 1.2 65 km from Pentiction.

SEPTEMBER 12 at 23 11 59 U.T. Magnitude 2.5 416 km from Pentiction, 200 km from Victoria.

SEPTEMBER 14 at 23 47 45 U.T. Magnitude 1.6 170 km from Pentiction.

SEPTEMBER 19 at 20 33 42 U.T. Magnitude 2.2 22 km west of Victoria.

SEPTEMBER 26 at 03 06 52 U.T. Magnitude 2.1 185 km from Pentiction.



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SEPTEMBER 26 at 11 44 22 U.T. Magnitude 2.7 284 km from Victoria, and 213 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

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SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from Penticton.





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**SEISMOLOGICAL SERIES**  
of the  
**DOMINION OBSERVATORY**

**1962-1**

(Continued)

**Seismological Bulletin**  
**October - December**  
**1962**

**Seismological Service**  
**of Canada**

**OTTAWA, CANADA**

Department of Mines and Technical Surveys

**DOMINION OBSERVATORIES**

**1963**



SEISMOLOGICAL BULLETIN - 1962

OCTOBER-DECEMBER 1962

NOTES

1. Halifax, N.S. Oct. 22 Willmore SPZ "dual galvo" closed down.
2. London, Ont. Nov. 10 SPZ MK.II Willmore installed.
3. Ottawa, Ont. Dec. 18 SPZ MK.II Willmore operating in new vault.
4. Scarborough, Ont. Nov. 09 SPZ MK.II Willmore installed.  
Nov. 26 Station closed. Will re-open when next instruction course commences.
5. Schefferville, P.Q. Willmore SP-NS↑S (not changed until Feb. 6, 1963)  
Willmore SP-EW↑W " "
6. Seven Falls, P.Q. Nov. 17 Station closed. No permanent operator has been hired yet.
7. Yellowknife, N.W.T. Nov. 27 U.K.A.E.A. station operating.



DOMINION OBSERVATORIES

OCTOBER 1  
U.S.C.G.S.  
17.5S, 178.9W  
Fiji Islands  
H = 03 56 52.0  
h = about 550 km  
Banff  
iP 04 08 45 c  
Mould Bay  
eP 04 09 38 c  
Penticton  
iP 04 08 30 c  
Victoria  
eP 04 08 17 c

OCTOBER 1  
Mould Bay  
P 07 27 45

OCTOBER 1  
U.S.C.G.S.  
47.3N, 151.5E  
Kurile Islands  
H = 09 53 32.9  
h = about 127 km  
Alert  
eP 10 02.1  
Banff  
eP 10 03 06  
Mould Bay  
eP 10 01 32 c  
i 10 06 53  
Penticton  
iP 10 02 58  
Resolute  
iP 10 02 21 d  
Schefferville  
eP 10 04 51  
Victoria  
eP 10 02 47

OCTOBER 1  
Penticton  
iP 10 10 12

OCTOBER 1  
U.S.C.G.S.  
27.9N, 54.9E  
Southern Iran  
H = 12 13 57.4  
h = about 16 km

Alert  
iP 12 24 45  
Banff  
eP 12 27 48 (d)  
Halifax  
eP 12 26 51 c  
Mould Bay  
iP 12 25 46 c  
iPP 12 28 38  
Penticton  
iP 12 27 57  
Resolute  
P 12 25 45  
Schefferville  
iP 12 26 26 c

OCTOBER 1  
U.S.C.G.S.  
49.0N, 157.5E  
Off South Coast of  
Kamchatka  
H = 12 49 55.1  
h = about 80 km  
Mould Bay  
eP 12 57 36 d

OCTOBER 1  
U.S.C.G.S.  
52.8N, 167.2W  
Fox Islands,  
Aleutian Islands  
H = 13 08 28.2  
h = about 33 km  
Mould Bay  
P 13 14 32

OCTOBER 1  
U.S.C.G.S.  
5.5S, 151.9E  
New Britain  
H = 15 07 22.1  
h = about 49 km  
Mould Bay  
P 15 20 41

OCTOBER 1  
U.S.C.G.S.  
19.6S, 174.5W  
Fiji Islands Region  
H = 20 42 36.5  
h = about 143 km

Banff  
iP 20 55 10 d  
Penticton  
iP 20 54 53 d  
Victoria  
eP 20 54 40

OCTOBER 2  
Penticton  
eP 03 53 41

OCTOBER 2  
U.S.C.G.S.  
17.6S, 178.7W  
Fiji Islands  
H = 08 35 49.1  
h = about 616 km  
Penticton  
iP 08 47 21 d

OCTOBER 2  
Penticton  
eP 14 22 52

OCTOBER 2  
U.S.C.G.S.  
10.4N, 126.9E  
Leyte, Philippine  
Islands  
H = 19 30 34.6  
h = about 125 km  
Mould Bay  
iP 19 43 04 d

OCTOBER 2  
H = 21 50 15  
Mag 1.3  
Victoria  
iP<sub>1</sub> 21 50 18.7  
iS<sub>1</sub> 21 50 21.8  
D = 26 km

OCTOBER 2  
Mould Bay  
eP 23 34 38 c

OCTOBER 2  
H = 23 40 57  
Mag 1.9

SEISMOLOGICAL BULLETIN - 1962

Penticton  
eP<sub>1</sub> 23 41 24.1  
eS<sub>1</sub> 23 41 44.5  
D = 167 km

OCTOBER 3  
U.S.C.G.S.  
40.6N, 29.7W  
Azores Region  
H = 01 16 46.7  
h = about 33 km  
Halifax  
eP 01 22 11  
Mould Bay  
eP 01 25 48 c  
Penticton  
eP 01 26 56

OCTOBER 3  
U.S.C.G.S.  
40.7N, 29.7W  
Azores Region  
H = 01 19 22.5  
h = about 33 km  
Halifax  
eP 01 24 45  
Mould Bay  
eP 01 28 22 c  
Penticton  
iP 01 29 36

OCTOBER 3  
75.9°N, 106.4°W  
Near the Northeast coast  
of Melville Island, N.W.T.  
H = 03 47 21.6  
h = 10?  
Mag 3.1  
Alert  
Not recorded.  
Mould Bay  
P<sub>n</sub> 03 48 09  
S<sub>n</sub> 03 48 44.5  
L<sub>g</sub> 03 48 57  
D = 340 km  
Resolute  
P<sub>n</sub> 03 48 10.5  
S<sub>n</sub> 03 48 45  
L<sub>g</sub> 03 48 58  
D = 342 km

OCTOBER 3  
66.2°N, 132.6°W  
About 150 miles south  
of Inuvik, N.W.T.  
H = 07 40 27  
Mag 4.7  
Alert  
Not recorded.  
Mould Bay  
P<sub>n</sub> 07 42 57.5 c  
S<sub>n</sub> 07 44 48  
D = 1190 km  
Resolute  
P<sub>n</sub> 07 44 01  
S<sub>n</sub> 07 46 34  
L<sub>g</sub> 07 48 25  
D = 1690 km

OCTOBER 3  
Penticton  
iP 07 44 59  
Resolute  
(P) 07 44 (00)

OCTOBER 3  
Penticton  
eP 08 09 33

OCTOBER 3  
U.S.C.G.S.  
57.5S, 26.7W  
Sandwich Islands  
H = 18 48 52.4  
h = about 33  
Mould Bay  
iP<sub>1</sub> 19 08 32 c  
Penticton  
iP<sub>1</sub> 19 08 06

OCTOBER 3  
Alert  
eP 20 24 27  
Mould Bay  
eP 20 24 05 d  
Resolute  
iP 20 24 45 c

OCTOBER 4  
Penticton  
eP 01 33 44

OCTOBER 4  
Alert  
e(P) 03 56 51

OCTOBER 4  
Penticton  
eP 04 48 41

OCTOBER 4  
U.S.C.G.S.  
40.4N, 29.5W  
Azores region  
H = 04 42 05.8  
h = about 33 km  
Halifax  
eP 04 47 30  
Mould Bay  
P 04 51 07

OCTOBER 4  
Mould Bay  
P 06 10 18

OCTOBER 4  
U.S.C.G.S.  
42.2N, 36.1E  
Black Sea  
H = 07 24 44.3  
h = about 33 km  
Mould Bay  
P 07 34 55

OCTOBER 4  
U.S.C.G.S.  
40.9N, 29.7W  
Azores region  
H = 13 23 34.4  
h = about 33 km  
Halifax  
eP 13 28 59  
Mould Bay  
eP 13 32 32 d  
Penticton  
eP 13 33 40



DOMINION OBSERVATORIES

OCTOBER 4  
Canadian Arctic  
H = 15 07 23.9  
Mag 1.7  
Mould Bay  
P1 15 07 37  
S1 15 07 47  
D = 82 km

OCTOBER 4  
Mould Bay  
eP 17 35 52 c

OCTOBER 4  
Halifax  
eP 18 56 29  
Mould Bay  
P 19 00 04

OCTOBER 4  
Mould Bay  
P 19 23 20

OCTOBER 4  
U.S.C.G.S.  
38.3N, 22.7E  
Greece  
H = 19 46 10.1  
h = about 38 km  
Alert  
eP 19 55 16  
Banff  
eP 19 58 42  
Halifax  
iP 19 56 27 c  
London  
iP 19 57 40 d  
Mould Bay  
P 19 56 37  
Penticton  
iP 19 58 50  
Resolute  
eP 19 56 16 d  
Schefferville  
eP 19 56 10  
Shawinigan Falls  
eP 19 56 59

OCTOBER 4  
U.S.C.G.S.  
5.1S, 151.9E  
Bismark Sea  
H = 20 34 38.7  
h = about 33 km  
Penticton  
iP 20 47 50

OCTOBER 4  
Penticton  
iP 22 48 09

OCTOBER 4  
U.S.C.G.S.  
4.1N, 76.2W  
Central Colombia  
H = 22 47 35.5  
h = about 67 km  
Mould Bay  
eP 22 59 13 c  
Penticton  
iP 22 57 24

OCTOBER 4  
Halifax  
eP 23 15 35  
Mould Bay  
P 23 19 09

OCTOBER 4  
H = 23 27 53  
Mag 1.5  
Penticton  
eP1 23 28 17.6  
eS1 23 28 36.2  
D = 152 km

OCTOBER 5  
Mould Bay  
eP 01 26 08 d

OCTOBER 5  
U.S.C.G.S.  
40.2N, 29.5W  
Azores region  
H = 04 14 39.1  
h = about 33 km  
Alert  
eP 04 22 43  
Halifax  
eP 04 20 05

Mould Bay  
eP 04 23 41 d  
Penticton  
iP 04 24 52

OCTOBER 5  
H = 05 11 42  
Mag 2.8  
Penticton  
iPn 05 12 56.7  
Victoria  
eP 05 12 10.4  
eS 05 12 32.2  
D = 179 km

OCTOBER 5  
U.S.C.G.S.  
40.7N, 29.8W  
Azores region  
H = 08 39 32.2  
h = about 33 km  
Mould Bay  
eP 08 48 31 d

OCTOBER 5  
Mould Bay  
eP 09 11 24  
Penticton  
iP 09 11 23

OCTOBER 5  
U.S.C.G.S.  
39.0N, 140.2E  
Near east coast of  
Honshu, Japan  
H = 10 24 30.3  
h = about 200 km  
Mould Bay  
eP 10 33 42 c

OCTOBER 5  
U.S.C.G.S.  
14.0N, 145.2E  
Mariana Islands  
H = 10 39 17.5  
h = about 131 km  
Mould Bay  
iP 10 51 00 d  
Penticton  
iP 10 51 29

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 5  
Penticton  
iP 15 05 17 c  
Resolute  
eP 15 04 22 d

OCTOBER 5  
Mould Bay  
eP 15 35 50

OCTOBER 5  
Alert  
eP 17 08 46  
Banff  
eP 17 03 31 d  
Mould Bay  
eP 17 07 31 c  
Penticton  
iP 17 03 02  
Resolute  
eP 17 07 27  
Schefferville  
eP 17 07 17 c  
Victoria  
iP 17 03 15 d

OCTOBER 5  
Mould Bay  
eP 17 27 53

OCTOBER 5  
U.S.C.G.S.  
37.9N, 143.2E  
Near east coast of  
Honshu, Japan  
H = 17 44 57.0  
h = about 44 km  
Mould Bay  
eP 17 54 28

OCTOBER 5  
Alert  
e 20 12.4  
Mould Bay  
eP 20 13 39 c

OCTOBER 5  
H = 21 51 44  
Mag 2.6

Penticton  
ePn 21 52 17  
D = 216 km  
Victoria  
eP1 21 51 57.7  
eS1 21 52 08.1  
D = 88 km

OCTOBER 5  
Mould Bay  
eP 22 28 30

OCTOBER 5  
H = 23 30 23  
Mag 1.6  
Penticton  
eP1 23 30 52.0  
eS1 23 31 13.8  
D = 179 km

OCTOBER 5  
Alert  
eP 23 38 50

OCTOBER 6  
H = 00 55 32  
Mag 1.8  
Penticton  
ePn 00 56 16.1  
eSn 00 56 43.0  
D = 220 km

OCTOBER 6  
U.S.C.G.S.  
40.8N, 29.5W  
Azores region  
H = 03 17 07.2  
h = about 33 km  
Halifax  
eP 03 22 31 c

OCTOBER 6  
London  
eP 03 24 23 d  
Mould Bay  
eP 03 26 06  
Penticton  
iP 03 27 16  
Resolute  
eP 03 25 (20)  
Schefferville  
eP 03 23 (04)

Shawinigan Falls  
eP 03 23 28

OCTOBER 6  
U.S.C.G.S.  
40.5N, 29.5W  
Azores region  
H = 03 54 58.3  
h = about 33 km

Halifax  
eP 04 00 24  
Mould Bay  
eP 04 03 58  
Penticton  
iP 04 05 11

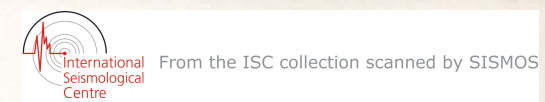
OCTOBER 6  
U.S.C.G.S.  
17.4S, 167.7E  
New Hebrides Islands  
H = 04 23 24.1  
h = about 33 km

Alert  
e 04 42.6  
Halifax  
eP' 04 42 (30)  
Mould Bay  
eP 04 37 35  
eP' 04 41 (42)

Penticton  
iP 04 36 31  
Resolute  
P' 04 41 (52)  
Schefferville  
eP' 04 42 24

Victoria  
eP 04 36 23

OCTOBER 6  
U.S.C.G.S.  
17.4S, 167.8E  
New Hebrides Islands  
H = 04 35 02.5  
h = about 33 km  
Mould Bay  
eP' 04 53 18





DOMINION OBSERVATORIES

OCTOBER 6  
U.S.C.G.S.  
26.2N, 126.9E  
Ryukyu Islands  
H = 05 38 40.3  
h = about 122 km  
Alert  
eP 05 49 48 c  
i 05 50 07  
Mould Bay  
eP 05 49 40  
Penticton  
iP 05 51 01 c  
Victoria  
eP 05 50 53 c  
Resolute  
eP 05 50 14 c

OCTOBER 6  
Mould Bay  
eP 07 14 39

OCTOBER 6  
U.S.C.G.S.  
17.4S, 167.9E  
New Hebrides Islands  
H = 07 56 20.4  
h = about 33 km  
Penticton  
iP 08 09 28

OCTOBER 6  
U.S.C.G.S.  
17.2S, 168.0E  
New Hebrides Islands  
H = 08 03 31.7  
h = about 33 km  
Mould Bay  
eP' 08 21 (50)  
Penticton  
eP 08 16 37  
Schefferville  
eP' 08 22 31

OCTOBER 6  
Mould Bay  
eP 08 45 12 d

OCTOBER 6  
Mould Bay  
eP 09 04 36

OCTOBER 6  
Mould Bay  
eP 09 24 04

OCTOBER 6  
U.S.C.G.S.  
13.3S, 167.3E  
New Hebrides Islands  
H = 11 00 52.8  
h = about 209 km  
Mould Bay  
eP 11 14 12  
Penticton  
iP 11 13 28

OCTOBER 6  
U.S.C.G.S.  
17.4S, 167.8E  
New Hebrides Islands  
H = 11 59 42.3  
h = about 17 km  
Penticton  
iP 12 12 53

OCTOBER 6  
Alert  
eP 13 45 11  
Mould Bay  
eP 13 45 03  
Victoria  
iP 13 43 44 d

OCTOBER 6  
U.S.C.G.S.  
1.5S, 77.4W  
Ecuador  
H = 14 05 24.0  
h = about 149 km  
Mould Bay  
eP 14 17 24  
Penticton  
iP 14 15 33 d

OCTOBER 6  
U.S.C.G.S.  
44.4N, 148.2E  
Kurile Islands  
H = 17 35 25.2  
h = about 29 km  
Mould Bay  
eP 17 44 02  
Resolute  
eP 17 44 48 d

OCTOBER 6  
U.S.C.G.S.  
17.6S, 168.0E  
New Hebrides Islands  
H = 18 01 05.4  
h = about 33 km  
Penticton  
iP 18 14 14

OCTOBER 6  
U.S.C.G.S.  
H = 23 13 33  
Mag 1.7  
Penticton  
eP<sub>n</sub> 23 14 03.3  
eS<sub>n</sub> 23 14 27.0  
D = 194 km

OCTOBER 6  
Mould Bay  
eP 23 42 37

OCTOBER 6  
U.S.C.G.S.  
17.5S, 167.6E  
New Hebrides Islands  
H = 23 31 27.7  
h = about 42 km  
Penticton  
iP 23 44 33 c  
Schefferville  
eP' 23 50 21  
Shawinigan Falls  
eP' 23 50 18  
Victoria  
eP 23 44 25

OCTOBER 7  
Mould Bay  
eP 00 01 41

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 7  
Mould Bay  
eP 00 09 35  
Penticton  
iP 00 11 01

OCTOBER 7  
Resolute  
(P) 00 21 11

OCTOBER 7  
Penticton  
iP 01 02 11

OCTOBER 7  
Mould Bay  
eP 01 12 24

OCTOBER 7  
Alert  
eP 01 21 33

OCTOBER 7  
U.S.C.G.S.  
40.5N, 29.2W  
Azores region  
H = 06 45 13.8  
h = about 33 km  
Mould Bay  
eP 06 54 15 d  
Penticton  
iP 06 55 25

OCTOBER 7  
U.S.C.G.S.  
40.2N, 29.2W  
Azores region  
H = 09 49 25.9  
h = about 33 km  
Mould Bay  
eP 09 58 29

OCTOBER 7  
Mould Bay  
eP 11 24 57 d

OCTOBER 7  
U.S.C.G.S.  
57.8S, 25.5W  
Sandwich Islands  
H = 16 00 20.2  
h = about 33 km  
Mould Bay  
eP' 16 19 55  
Penticton  
iP' 16 19 31 c  
Resolute  
eP' 16 19 38 d

OCTOBER 8  
U.S.C.G.S.  
40.5N, 29.5W  
Azores region  
H = 05 14 20.4  
h = about 33 km  
Mould Bay  
eP 05 23 20

OCTOBER 8  
Mould Bay  
eP 14 36 37

OCTOBER 8  
U.S.C.G.S.  
42.2N, 24.1E  
Bulgaria  
H = 15 11 12.8  
h = about 33 km  
Mould Bay  
eP 15 21 14 d  
Resolute  
P 15 20 54

OCTOBER 8  
Mould Bay  
eP 15 48 46 c

OCTOBER 8  
Mould Bay  
eP 17 05 06 c

OCTOBER 8  
U.S.C.G.S.  
18.7S, 176.8W  
Fiji Islands  
H = 17 53 28.6  
h = about 243 km

Penticton  
iP 18 05 36 C

OCTOBER 8  
U.S.C.G.S.  
24.3N, 121.7E  
Near east coast of Formosa  
H = 21 56 22.2  
h = about 29 km  
Mag 6 (PAS)  
6 1/4 (PAL)  
Banff  
eP 22 09 26  
Mould Bay  
eP 22 07 48 c  
Penticton  
iP 22 09 14 d  
Resolute  
P 22 08 20  
Victoria  
iP 22 09 09 d

OCTOBER 8  
U.S.C.G.S.  
24.1N, 121.8E  
Formosa  
H = 22 24 06.5  
h = about 39 km  
Mould Bay  
eP 22 35 34  
Penticton  
iP 22 37 00  
Resolute  
eP 22 36 05

OCTOBER 9  
U.S.C.G.S.  
46.2N, 143.1E  
Near north coast of Hokkaido, Japan  
H = 04 28 36.1  
h = about 284 km  
Mould Bay  
eP 04 36 43 c  
Resolute  
eP 04 37 28 c



DOMINION OBSERVATORIES

OCTOBER 9  
Mould Bay  
eP 07 51 00

OCTOBER 9  
Mould Bay  
eP 08 53 50  
Penticton  
iP 08 55 20

OCTOBER 9  
U.S.C.G.S.  
36.4N, 71.3E  
Hindu Kush  
H = 15 59 17.5  
h = about 241 km  
Alert  
eP 16 08 55  
Penticton  
iP 16 12 11 d  
Resolute  
P 16 09 57

OCTOBER 9  
Mould Bay  
eP 19 26 47

OCTOBER 9  
U.S.C.G.S.  
3.2S, 148.2E  
Bismark Sea  
H = 20 14 38.3  
h = about 33 km  
Mag 6 1/4 (PAS)  
Mould Bay  
eP 20 27 52  
Penticton  
iP 20 27 54  
Resolute  
P 20 28 23

OCTOBER 10  
Penticton  
eP 04 26 20

OCTOBER 10  
U.S.C.G.S.  
31.2N, 131.5E  
Kyushu, Japan  
H = 07 50 18.1  
h = about 33 km

Mould Bay  
eP 08 00 52 d  
Penticton  
iP 08 02 15  
Resolute  
iP 08 01 29 c

OCTOBER 10  
Mould Bay  
eP 08 41 46  
Penticton  
iP 08 39 48 d

OCTOBER 10  
U.S.C.G.S.  
22.2S, 179.6W  
Fiji Islands  
H = 09 20 40.8  
h = about 558 km  
Penticton  
iP 09 32 37 c

OCTOBER 10  
U.S.C.G.S.  
3.2S, 77.7W  
Peru-Ecuador Border  
H = 11 42 39.8  
h = about 115 km  
Mould Bay  
eP 11 54 55 c  
Penticton  
iP 11 53 02

OCTOBER 10  
U.S.C.G.S.  
8.9S, 110.3E  
Off south coast of Java  
H = 13 33 10.3  
h = about 33 km  
Halifax  
eP' 13 52 41 (c)  
Penticton  
iP' 13 52 03 c  
Resolute  
P' 13 51 44

OCTOBER 10  
Penticton  
eP 18 11 22

OCTOBER 10  
Penticton  
eP 19 25 53

OCTOBER 10  
U.S.C.G.S.  
27.9N, 54.8E  
Iran  
H = 20 43 36.6  
h = about 47 km  
Mould Bay  
eP 20 55 21 c

OCTOBER 10  
U.S.C.G.S.  
34.9S, 70.1W  
Mendoza Prov.,  
Argentina  
H = 20 53 34.5  
h = about 137 km  
London  
eP 21 05 20 c  
Mould Bay  
eP' 21 12 01 c  
Penticton  
iP 21 06 41 c  
Shawinigan Falls  
eP 21 05 37

OCTOBER 10  
U.S.C.G.S.  
15.1S, 173.3W  
Samoa Islands region  
H = 21 52 36.8  
h = about 33 km  
Mould Bay  
eP 22 06 05  
Penticton  
iP 22 04 44 d  
Victoria  
eP 22 04 31 d

OCTOBER 10  
H = 23 35 42  
Mag 1.6  
Penticton  
eP<sub>1</sub> 23 36 19.8  
eS<sub>1</sub> 23 36 40.9  
D = 172 km

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 10  
H = 22 42 48  
Mag 2.0  
Penticton  
eP<sub>n</sub> 22 43 29.6  
eS<sub>n</sub> 22 44 04.8  
D = 289 km

OCTOBER 11  
U.S.C.G.S.  
52.0N, 170.0W  
Fox Islands,  
Aleutian Islands  
H = 00 52 23.4  
h = about 33 km  
Mould Bay  
eP 00 58 37

OCTOBER 11  
U.S.C.G.S.  
52.0N, 171.3W  
Fox Islands,  
Aleutian Islands  
H = 03 40 05.5  
h = about 33 km  
Mould Bay  
eP 03 46 25 d

OCTOBER 11  
Penticton  
iP 05 27 50 d  
Victoria  
eP 05 27 21

OCTOBER 11  
U.S.C.G.S.  
1.4S, 80.6W  
Near coast of  
Central Ecuador  
H = 06 22 45.9  
h = about 33 km  
Penticton  
iP 06 32 57

OCTOBER 11  
U.S.C.G.S.  
24.3N, 121.6E  
Near east coast of  
Formosa  
H = 16 02 33.6  
h = about 32 km

Penticton  
iP 16 15 27

OCTOBER 12  
U.S.C.G.S.  
4.1S, 80.3W  
Near coast of  
Ecuador  
H = 00 10 04.8  
h = about 195 km  
Penticton  
eP 00 20 15

OCTOBER 12  
U.S.C.G.S.  
20.4S, 68.9W  
Northern Chile  
H = 07 56 08.4  
h = about 139 km  
Mould Bay  
eP 08 09 44  
Penticton  
iP 08 08 19 d  
Schefferville  
eP 08 07 35

OCTOBER 12  
U.S.C.G.S.  
27.4N, 129.1E  
Ryukyu Islands  
H = 09 08 15.9  
h = about 25 km  
Mould Bay  
eP 09 19 16 c  
Resolute  
P 09 19 52

OCTOBER 12  
Penticton  
iP 10 38 29

OCTOBER 12  
Mould Bay  
eP 17 17 57

OCTOBER 13  
U.S.C.G.S.  
44.0N, 146.4E  
Near north coast of  
Hokkaido, Japan  
H = 21 49 38.6  
h = about 103 km  
Resolute  
P 21 58 58

Alert  
eP 10 33 27  
S 10 41 30

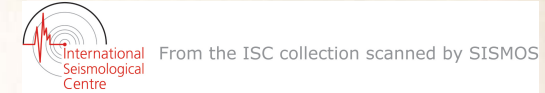
Halifax  
iP 10 35 46 d  
Mould Bay  
eP 10 34 36 d  
S 10 43 38

Resolute  
P 10 34 33  
Schefferville  
eP 10 35 16  
Shawinigan Falls  
iP 10 36 04 (c)

OCTOBER 13  
U.S.C.G.S.  
15.0N, 92.7W  
Chiapas, Mexico  
H = 13 41 21.7  
h = about 170 km  
Mould Bay  
eP 13 51 34 c  
Resolute  
P 13 51 13

OCTOBER 13  
U.S.C.G.S.  
12.6S, 166.6E  
Santa Cruz Islands  
region  
H = 18 47 44.5  
h = about 33 km  
Mould Bay  
eP 19 01 21  
Penticton  
eP 19 00 34

OCTOBER 13  
Mould Bay  
eP 20 18 12 c





DOMINION OBSERVATORIES

OCTOBER 13  
Mould Bay  
eP 23 17 55

OCTOBER 14  
U.S.C.G.S.  
33.4S, 179.3W  
Kermadec Islands region  
H = 00 29 56.0  
h = about 33 km  
Alert  
eP' 00 48 55  
Mould Bay  
eP' 00 48 33  
Penticton  
iP 00 43 32  
Resolute  
eP' 00 48 43 c

OCTOBER 14  
H = 01 11 23  
Mag 2.5  
Penticton  
iP<sub>n</sub> 01 11 56.4  
iS<sub>n</sub> 01 12 23.5  
D = 221 km

OCTOBER 14  
U.S.C.G.S.  
54.4N, 159.8E  
Central Kamchatka  
H = 02 00 57.6  
h = about 120 km  
Mould Bay  
iP 02 07 48 d  
Resolute  
iP 02 08 40 c

OCTOBER 14  
Penticton  
iP 02 44 27

OCTOBER 14  
H = 04 11 11  
Mag 1.9  
Penticton  
EP<sub>n</sub> 04 11 47.1  
ES<sub>n</sub> 04 12 13.8  
D = 219 km

Victoria  
iP<sub>1</sub> 04 11 25.2  
iS<sub>1</sub> 04 11 34.2  
D = 72 km

OCTOBER 14  
Mould Bay  
eP 04 25 10

OCTOBER 14  
Mould Bay  
iP 04 50 02 d

OCTOBER 14  
Mould Bay  
eP 07 02 46

OCTOBER 14  
Penticton  
iP 07 36 54

OCTOBER 14  
U.S.C.G.S.  
36.2N, 70.5E  
Hindu Kush  
H = 09 07 20.0  
h = about 234 km  
Mould Bay  
eP 09 17 53

OCTOBER 14  
U.S.C.G.S.  
38.8N, 123.5W  
Off coast of northern California  
H = 09 41 09.6  
h = about 33 km  
Penticton  
iP 09 43 44

OCTOBER 14  
U.S.C.G.S.  
38.7N, 124.0W  
Off north coast of California  
H = 10 14 32.4  
h = about 33 km  
Mould Bay  
eP 10 21 46

Penticton  
iP 10 17 10  
Resolute  
P 10 21 53

OCTOBER 14  
Penticton  
iP 11 13 00 c

OCTOBER 14  
U.S.C.G.S.  
31.8N, 131.5E  
Near south coast of Kyushu, Japan  
H = 15 08 59.5  
h = about 33 km  
Alert  
eP 15 19 42  
Mould Bay  
eP 15 19 20 c  
i 15 19 44  
Penticton  
iP 15 20 53 c  
Resolute  
eP 15 20 06 c  
Victoria  
eP 15 20 45 d

OCTOBER 14  
Mould Bay  
eP 17 49 16

OCTOBER 14  
U.S.C.G.S.  
75.5N, 5.8E  
Arctic Ocean  
H = 19 32 17.3  
h = about 42 km  
Alert  
eP 19 35 23  
iS 19 37 40  
Mould Bay  
eP 19 37 40  
Resolute  
P 19 37 26

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 14  
U.S.C.G.S.  
39.1N, 141.1E  
North-central Honshu, Japan  
H = 21 13 44.2  
h = about 85 km  
Mould Bay  
eP 21 23 06  
Penticton  
iP 21 24 28 c  
Resolute  
eP 21 23 48 c

OCTOBER 15  
U.S.C.G.S.  
74.7N, 2.6E  
Arctic Ocean  
H = 02 56 11.5  
h = about 26 km  
Alert  
e 02 59 18  
Mould Bay  
eP 03 01 41  
Resolute  
P 03 01 (16)

OCTOBER 15  
Mould Bay  
eP 03 26 37  
Penticton  
iP 03 24 13

OCTOBER 15  
Mould Bay  
eP 04 46 27

OCTOBER 15  
U.S.C.G.S.  
16.3S, 173.5W  
Samoa Islands region  
H = 08 08 38.0  
h = about 50 km  
Penticton  
iP 08 20 48

OCTOBER 15  
Mould Bay  
eP 12 44 15  
Resolute  
P 12 45.5

OCTOBER 15  
Shawinigan Falls  
e 19 26 37

OCTOBER 15  
U.S.C.G.S.  
65.0S, 178.2E  
800 km northeast of Balleny Islands  
H = 21 26 20.7  
h = about 33 km  
Mould Bay  
eP' 21 45 57  
Resolute  
P' 21 46 (08)

OCTOBER 15  
U.S.C.G.S.  
43.5S, 169.8E  
Near coast of South Island, New Zealand  
H = 23 36 35.0  
h = about 33 km  
London  
eP' 23 55 40  
Mould Bay  
eP' 23 55 35 d  
Resolute  
eP' 23 55 (45)

OCTOBER 16  
U.S.C.G.S.  
39.4N, 73.4E  
Tadzhik S.S.R.  
H = 04 58 49.7  
h = about 33 km  
Mould Bay  
eP 05 09 24

OCTOBER 16  
U.S.C.G.S.  
17.1S, 167.6E  
New Hebrides Islands  
H = 05 21 26.5  
h = about 33 km  
Penticton  
iP 05 34 34

OCTOBER 16  
U.S.C.G.S.  
28.3S, 62.5E  
South of Mascarene Islands  
H = 07 15 32.7  
h = about 33 km  
London  
iP' 07 35 14 d  
Resolute  
P' 07 34 (43)

OCTOBER 16  
Penticton  
eP 09 34 45

OCTOBER 16  
U.S.C.G.S.  
30.6N, 57.3E  
Iran  
H = 11 58 45.6  
h = about 33 km  
Mould Bay  
eP 12 10 17

OCTOBER 16  
U.S.C.G.S.  
51.6N, 175.8W  
Near Islands, Aleutian Islands  
H = 18 02 32.9  
h = about 27 km  
Mag 5 1/4 (PAL)  
Alert  
eP 18 10 24  
i 18 12 17  
London  
iP 18 12 41 c  
Mould Bay  
eP 18 09 05 c  
PcP 18 11 50  
S 18 14 30  
Penticton  
iP 18 09 26  
Resolute  
P 18 09 57  
PcP 18 12 07  
Schefferville  
eP 18 12 30 d  
Shawinigan Falls  
eP 18 12 51  
Victoria  
eP 18 08 56



DOMINION OBSERVATORIES

OCTOBER 16  
Mould Bay  
eP 21 24 04

OCTOBER 17  
H = 08 34 47  
Mag 3.0  
Victoria  
eP<sub>n</sub> 08 35 32.7  
eS<sub>n</sub> 08 36 12.1  
D = 323 km

OCTOBER 17  
U.S.C.G.S.  
33.3N, 137.7E  
South of Honshu, Japan  
H = 12 39 12.0  
h = about 335 km  
Mould Bay  
eP 12 48 50 d  
Resolute  
eP 12 49 30 d

OCTOBER 17  
Mould Bay  
eP 14 25 14

OCTOBER 17  
Mould Bay  
eP 16 23 54 d

OCTOBER 17  
Mount Baker Area  
H = 16 58 32  
Mag 1.8  
Penticton  
iP<sub>1</sub> 16 58 59.8  
iS<sub>1</sub> 16 59 25.4  
D = 172 km  
Victoria  
eP<sub>1</sub> 16 58 51.6  
eS<sub>1</sub> 16 59 06.4  
D = 121 km

OCTOBER 18  
U.S.C.G.S.  
28.4N, 97.3E  
China-India-Burma  
Border Area  
H = 02 00 04.5  
h = about 77 km

Mould Bay  
eP 02 11 29

OCTOBER 18  
U.S.C.G.S.  
8.9S, 117.0E  
Sumbawa  
H = 04 06 00.4  
h = about 33 km  
Halifax  
eP' 04 25 35 d  
Mould Bay  
eP' 04 24 16  
Penticton  
iP' 04 24 47 d  
Resolute  
P' 04 24 33  
Shawinigan Falls  
eP' 04 25 30  
e 04 29 04

OCTOBER 18  
Alert  
i 08 13 34

OCTOBER 18  
U.S.C.G.S.  
46.5N, 149.6E  
Kurile Islands  
H = 08 40 55.5  
h = about 140 km  
Alert  
eP 08 49 39  
Mould Bay  
eP 08 49 04  
Penticton  
iP 08 50 32 c  
Resolute  
eP 08 49 51 d  
Schefferville  
eP 08 52 20 d  
Victoria  
eP 08 50 19

OCTOBER 18  
U.S.C.G.S.  
46.5N, 149.5E  
Kurile Islands  
H = 11 22 40.2  
h = about 128 km

Mould Bay  
eP 11 30 50  
Penticton  
iP 11 32 17 d  
Resolute  
eP 11 31 37 d  
Schefferville  
iP 11 34 07 d  
Victoria  
eP 11 32 05 d

OCTOBER 18  
U.S.C.G.S.  
44.6N, 116.0W  
Idaho  
H = 18 56 32.3  
h = about 33 km  
Penticton  
i 18 58 51

OCTOBER 18  
U.S.C.G.S.  
44.3N, 115.2W  
Idaho  
H = 20 31 07.1  
h = about 33 km  
Penticton  
eP 18 04 45

OCTOBER 18  
U.S.C.G.S.  
16.2N, 93.5W  
Chiapas, Mexico  
H = 19 49 59.2  
h = about 179 km  
Alert  
eP 20 00 38  
Mould Bay  
iP 20 00 00 c  
Penticton  
iP 19 57 13 d  
Resolute  
P 19 59 38  
Schefferville  
i 19 58 16  
Shawinigan Falls  
e 19 57 02

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 18  
U.S.C.G.S.  
44.3N, 115.2W  
Idaho  
H = 20 31 07.1  
h = about 33 km  
Penticton  
iP 20 32 33

OCTOBER 18  
U.S.C.G.S.  
38.4N, 73.3E  
Tadzhik, S.S.R.  
H = 21 26 13.3  
h = about 186 km  
Mould Bay  
iP 21 36 36 d

OCTOBER 18  
H = 23 33 26  
Mag 1.6  
Penticton  
eP<sub>1</sub> 23 33 52.6  
eS<sub>1</sub> 23 34 13.2  
D = 168 km

OCTOBER 19  
Penticton  
eP 03 47 46

OCTOBER 19  
U.S.C.G.S.  
31.0S, 69.4W  
San Juan Prov.,  
Argentina  
H = 04 13 03.6  
h = about 120 km  
Mould Bay  
eP' 04 31 24  
Penticton  
iP 04 25 58 c  
Schefferville  
eP 04 25 29 (d)  
Shawinigan Falls  
iP 04 24 46

OCTOBER 19  
U.S.C.G.S.  
30.6N, 97.3E  
China  
H = 09 17 12.4  
h = about 29 km  
Mould Bay  
eP 09 28 29

OCTOBER 19  
Mould Bay  
eP 09 51 58

OCTOBER 19  
U.S.C.G.S.  
56.3S, 26.2W  
Sandwich Islands  
H = 09 39 41.9  
h = about 86 km  
Mould Bay  
iP' 09 59 08 d  
Penticton  
iP' 09 58 45 c  
Resolute  
P' 09 58 (58)  
Victoria  
eP' 09 58 46

OCTOBER 19  
U.S.C.G.S.  
44.6N, 115.6W  
Idaho  
H = 10 43 25.0  
h = about 33 km  
Penticton  
eP 10 44 50

OCTOBER 19  
U.S.C.G.S.  
10.6N, 125.2E  
Leyte, Philippine  
Islands  
H = 10 44 51.9  
h = about 50 km  
Alert  
i 10 57 34  
Mould Bay  
eP 10 57 27 c

OCTOBER 19  
Mould Bay  
eP 11 25 45

OCTOBER 19  
U.S.C.G.S.  
30.8N, 70.8E  
West Pakistan  
H = 11 47 24.1  
h = about 41 km  
Mould Bay  
eP 11 58 51

OCTOBER 19  
Mould Bay  
eP 12 18 35

OCTOBER 19  
Victoria  
iP 13 13 23d

OCTOBER 19  
U.S.C.G.S.  
18.9S, 66.0W  
Bolivia  
H = 14 44 56.2  
h = about 211 km  
Penticton  
iP 14 57 01

OCTOBER 19  
Mould Bay  
iP 17 18 49 d

OCTOBER 19  
Penticton  
eP 18 03 03

OCTOBER 19  
Mould Bay  
eP 18 07 32 c

OCTOBER 19  
Mould Bay  
eP 19 01 31 d



DOMINION OBSERVATORIES

OCTOBER 19  
 U.S.C.G.S.  
 19.8N, 108.3W  
 Off west coast of  
 Jalisco, Mexico  
 H = 21 21 48.8  
 h = about 53 km  
 Alert  
 eP 21 32 23  
 Mould Bay  
 eP 21 31 27  
 S 21 39 25  
 Penticton  
 eP 21 27 52  
 Schefferville  
 eP 21 30 13  
 Shawinigan Falls  
 eP 21 29 (17)

OCTOBER 19  
 U.S.C.G.S.  
 5.7S, 130.3E  
 Banda Sea  
 H = 23 42 34.9  
 h = about 177 km  
 Mould Bay  
 iP 23 56 01 d  
 Penticton  
 iP' 24 00 41  
 Resolute  
 P 23 56 (29)  
 Schefferville  
 eP' 24 01 22

OCTOBER 20  
 Penticton  
 eP 02 23 57

OCTOBER 20  
 U.S.C.G.S.  
 21.0S, 178.8W  
 Fiji Islands  
 H = 03 35 54.8  
 h = about 580 km  
 Penticton  
 iP 03 47 44

OCTOBER 20  
 U.S.C.G.S.  
 6.7S, 130.1E  
 Banda Sea  
 H = 05 30 42.2  
 h = about 167 km  
 Mould Bay  
 eP 05 44 14  
 Penticton  
 iP' 05 48 53 d  
 Resolute  
 P' 05 48 (49)  
 Shawinigan Falls  
 eP' 05 49 43

OCTOBER 20  
 U.S.C.G.S.  
 17.2S, 69.7W  
 Peru-Bolivia Border  
 H = 06 33 29.2  
 h = about 153 km  
 Penticton  
 iP 06 45 21

OCTOBER 20  
 Mould Bay  
 eP 10 15 41 d  
 Resolute  
 P 10 16 (17)

OCTOBER 20  
 Mould Bay  
 eP 11 11 48  
 Penticton  
 iP 11 11 43

OCTOBER 20  
 Mould Bay  
 eP 16 27 12

OCTOBER 20  
 Mould Bay  
 eP 19 26 37

OCTOBER 20  
 Mould Bay  
 eP 19 31 45

OCTOBER 21  
 U.S.C.G.S.  
 61.1N, 149.7W  
 Vicinity Anchorage,  
 Alaska  
 H = 02 05 22.7  
 h = about 80 km  
 Alert  
 iP 02 11 23 d  
 i 02 11 43

Banff  
 iP 02 10 07 c  
 Halifax  
 iP 02 14 14 c  
 London  
 P 02 13 (32)

Mould Bay  
 eP 02 09 32 d  
 S 02 12 54

Penticton  
 iP 02 09 56 c  
 Resolute  
 eP 02 10 26 d  
 Schefferville  
 eP 02 13 04  
 Shawinigan Falls  
 eP 02 13 29  
 Victoria  
 eP 02 09 45

OCTOBER 21  
 Penticton  
 eP 03 23 53

OCTOBER 21  
 Mould Bay  
 eP 05 05 33

OCTOBER 21  
 U.S.C.G.S.  
 15.5S, 172.3W  
 Samoa Islands region  
 H = 13 07 27.9  
 h = about 33 km  
 Penticton  
 iP 13 19 34 c

OCTOBER 21  
 Alert  
 i 18 34 10

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 21  
 U.S.C.G.S.  
 55.9S, 27.8W  
 Sandwich Islands  
 region  
 H = 23 10 52.2  
 h = about 33 km  
 Mould Bay  
 eP' 23 30 20

OCTOBER 22  
 U.S.C.G.S.  
 3.4S, 145.3E  
 Bismark Sea  
 H = 04 34 38.4  
 h = about 36 km  
 Penticton  
 iP 04 48 01

OCTOBER 22  
 U.S.C.G.S.  
 45.2N, 111.3W  
 Southwestern Montana  
 H = 05 03 03.9  
 h = about 33 km  
 Penticton  
 eP 05 04 53

OCTOBER 22  
 U.S.C.G.S.  
 73.4N, 54.9E  
 Novaya Zemlya  
 H = 09 06 10.1  
 h = about 0 km  
 Mould Bay  
 eP 09 12 25  
 S 09 17 13

OCTOBER 22  
 Mould Bay  
 eP 13 21 34

OCTOBER 22  
 U.S.C.G.S.  
 49.8N, 155.8E  
 Northern Kurile  
 Islands  
 H = 15 23 32.9  
 h = about 19 km

Alert  
 eP 15 32 07  
 S 15 38 46  
 Halifax  
 eP 15 35 42  
 Mould Bay  
 eP 15 31 17 c  
 S 15 37 24  
 Penticton  
 iP 15 32 42 c  
 Resolute  
 eP 15 32 08 c  
 Schefferville  
 eP 15 34 43 c  
 Shawinigan Falls  
 eP 15 35 15 c  
 Victoria  
 eP 15 32 30 c

OCTOBER 22  
 73.8°N, 97.5°W  
 East coast of Prince  
 of Wales Island, N.W.T.  
 H = 18 04 17.0  
 h = about 31 km  
 Mag 3.4  
 Alert  
 Lg 18 10 35  
 D = 1330 km

OCTOBER 22  
 Mould Bay  
 eP<sub>n</sub> 18 05 51.5  
 iS<sub>n</sub> 18 07 03.5  
 Lg 18 07 47.5  
 D = 745 km  
 Resolute  
 iP<sub>n</sub> 18 07 47.0  
 iP<sub>1</sub> 18 04 51.6  
 i 18 04 53.5  
 iS<sub>n</sub> 18 05 10.4  
 S<sub>1</sub> 18 05 18  
 D = 214 km

OCTOBER 22  
 H = 18 31 10  
 Mag 1.9  
 Penticton  
 eP<sub>n</sub> 18 31 41.2  
 eS<sub>n</sub> 18 32 05.6  
 D = 200 km

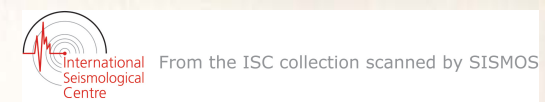
OCTOBER 22  
 Mould Bay  
 iP 21 21 10

OCTOBER 22  
 U.S.C.G.S.  
 37.9N, 141.7E  
 Honshu, Japan  
 H = 22 18 50.3  
 h = about 38 km  
 Alert  
 eP 22 28 50 (c)  
 Mould Bay  
 eP 22 28 24 c  
 Resolute  
 P 22 29 06

OCTOBER 23  
 U.S.C.G.S.  
 15.2S, 173.0W  
 Samoa Islands region  
 H = 00 26 00.3  
 h = about 33 km  
 Penticton  
 iP 00 38 06 c  
 Victoria  
 eP 00 37 53

OCTOBER 23  
 U.S.C.G.S.  
 46.2N, 153.2E  
 Kurile Islands  
 H = 00 47 27.2  
 h = about 33 km  
 Mould Bay  
 eP 00 55 43 c  
 Penticton  
 iP 00 57 01  
 Resolute  
 eP 00 56 31 d

OCTOBER 23  
 U.S.C.G.S.  
 9.5N, 70.0W  
 North-Central  
 Venezuela  
 H = 09 02 02.2  
 h = about 33 km  
 Alert  
 eP 09 13 32 d





DOMINION OBSERVATORIES

Mould Bay eP 09 13 23 c	OCTOBER 24 U.S.C.G.S. 19.4N, 67.0W	OCTOBER 25 U.S.C.G.S. 3.0N, 126.7E
Penticton iP 09 11 48 c	Mona Passage H = 01 50 06.3	Molucca Passage H = 09 34 14.6
Resolute eP 09 12 52 c	h = about 33 km	h = about 33 km
Schefferville eP 09 10 21	Mould Bay eP 02 00 31	Alert eP 09 47 35
Shawinigan Falls iP 09 09 12	Penticton iP 01 59 10	i 09 51 24
Victoria eP 09 12 01	Victoria eP 01 59 26	London P' 09 53 16
		Mould Bay eP 09 47 23 d
OCTOBER 23 U.S.C.G.S. 18.4N, 145.6E	OCTOBER 24 U.S.C.G.S. 19.4N, 108.2W	Penticton iP 09 48 10
Northern Mariana Islands H = 09 57 41.0	Off coast of Jalisco, Mexico H = 06 24 16.3	Resolute eP 09 47 51 d
h = about 150 km	h = about 33 km	Schefferville eP' 09 53 10
Mould Bay eP 10 08 58	Mould Bay eP 06 34 00 d	Shawinigan Falls eP' 09 53 17 c
Penticton iP 10 09 31		Victoria eP 09 48 01
Resolute eP 10 09 33 c	OCTOBER 24 Mould Bay eP 08 15 31	OCTOBER 25 U.S.C.G.S. 15.4S, 179.0W
		Fiji Islands region H = 12 36 54.4
OCTOBER 23 Penticton iP 12 35 53	OCTOBER 24 Mould Bay eP 10 11 32	h = about 392 km
		Banff eP 12 48 54
OCTOBER 23 Mould Bay eP 16 47 23	OCTOBER 24 Mould Bay eP 18 02 31 c	Penticton iP 12 48 38 c
		Victoria eP 12 48 24
OCTOBER 23 U.S.C.G.S. 36.7N, 71.1E	OCTOBER 25 U.S.C.G.S. 17.8S, 167.7E	OCTOBER 25 U.S.C.G.S. 8.4N, 82.6W
Hindu Kush H = 20 10 57.6	New Hebrides Islands H = 03 38 48.9	Panama-Costa Rica Border H = 15 52 29.2
h = about 216 km	h = about 33 km	h = about 51 km
Mould Bay eP 20 21 28	Penticton iP 03 51 58	Alert eP 16 04 04
		London P 15 59 13
OCTOBER 24 Alert i 00 03 14	OCTOBER 25 Penticton iP 07 48 41	Mould Bay eP 16 03 38
OCTOBER 24 Mould Bay eP 01 20 29		

SEISMOLOGICAL BULLETIN - 1962

Penticton iP 16 01 29	OCTOBER 26 U.S.C.G.S. 17.7S, 167.5E	OCTOBER 26 U.S.C.G.S. 33.7N, 27.9E
Resolute eP 16 03 15 c	New Hebrides Islands H = 07 20 25.8	Eastern Mediter- ranean Sea H = 11 26 12.4
Schefferville eP 16 01 04 c	h = about 33 km	h = about 33 km
Shawinigan Falls eP 15 59 52 (c)	Penticton iP 07 33 35	Alert eP 11 35 56
Victoria eP 16 01 39	Resolute P' 07 38 (53)	Mould Bay eP 11 37 12 c
	Shawinigan Falls eP' 07 39 20 c	Penticton iP 11 39 22
OCTOBER 25 Penticton iP 16 06 03	Victoria eP 07 33 23	Resolute P 11 36 (57)
		Shawinigan Falls e(P) 11 37 41
OCTOBER 25 U.S.C.G.S. 61.4S, 154.9E	OCTOBER 26 60.8°N, 57.5°W	OCTOBER 26 U.S.C.G.S. 55.5S, 26.5W
Southwest of Macquarie Islands H = 20 06 10.0	Davis Strait about 250 miles east of Resolution Island, N.W.T. H = 10 29 19.5	Sandwich Islands H = 15 58 34.8
h = about 33 km	Mag 5.0	h = about 33 km
Alert i 20 26 32	Halifax P <sub>n</sub> 10 33 11	Alert iP' 16 17 51
Mould Bay eP' 20 25 50 c	D = 1835 km	Mould Bay iP' 16 18 04 c
Penticton eP' 20 25 16	Mould Bay eP <sub>n</sub> 10 34 58	Resolute eP' 16 17 57 d
Resolute eP' 20 26 03 d	D = 2705 km	
Shawinigan Falls eP' 20 25 54	Resolute P <sub>n</sub> 10 33 43	OCTOBER 26 U.S.C.G.S. 55.7S, 26.5W
	S <sub>n</sub> 10 36 55	Sandwich Islands H = 22 09 05.0
	D = 2125 km	h = about 33 km
OCTOBER 25 Penticton iP 21 32 02	Schefferville iP <sub>n</sub> 10 31 11	Mould Bay eP' 22 28 34 c
	iS <sub>n</sub> 10 32 30	Penticton iP' 22 28 14
	D = 850 km	
OCTOBER 25 U.S.C.G.S. 33.3N, 46.1E	Shawinigan Falls P <sub>n</sub> 10 33 09.5	OCTOBER 27 Penticton iP 01 45 14
Iraq-Iran Border H = 21 49 37.5	S <sub>n</sub> 10 35 55.5	
h = about 33 km	D = 1825 km	OCTOBER 27 Mould Bay eP 06 20 15
Mould Bay eP 22 00 49		
	OCTOBER 26 Mould Bay eP 10 35 01	
	Resolute iP 10 33 43 d	



DOMINION OBSERVATORIES

OCTOBER 27  
U.S.C.G.S.  
14.0N, 90.4W  
Guatemala-El Salvador  
Border  
H = 08 10 24.5  
h = about 107 km

Alert  
eP 08 21 23  
Banff  
eP 08 18 09  
London  
iP 08 16 26 d  
Mould Bay  
eP 08 20 48 c  
Penticton  
iP 08 18 11 c  
Resolute  
eP 08 20 25 c  
Schefferville  
iP 08 18 29 c  
Shawinigan Falls  
eP 08 17 15 c  
Victoria  
eP 08 18 22

OCTOBER 27  
65.0°N, 135.0°W  
Peel River Watershed,  
Yukon, N.W.T.  
H = 09 57 17  
Mag 4.6

Alert  
(P<sub>n</sub>) 10 02 27  
D = 2635 km  
Mould Bay  
P<sub>n</sub> 10 00 07.5  
S<sub>n</sub> 10 02 08  
D = 1325 km  
Resolute  
P<sub>n</sub> 10 00 56.5  
S<sub>n</sub> 10 03 41  
D = 1775 km

OCTOBER 27  
U.S.C.G.S.  
11.5N, 86.4W  
Near west coast of  
Nicaragua  
H = 13 52 51.2  
h = about 80 km

Mould Bay  
eP 14 03 36  
Penticton  
iP 14 01 13  
Resolute  
eP 14 03 11 d  
Schefferville  
eP 14 01 06

OCTOBER 27  
U.S.C.G.S.  
38.6N, 70.4E  
Tadzhik, S.S.R.  
H = 16 02 04.8  
h = about 135 km  
Mould Bay  
eP 16 12 33 c

OCTOBER 27  
U.S.C.G.S.  
52.1N, 171.1W  
Rat Islands,  
Aleutian Islands  
H = 16 19 30.7  
h = about 60 km  
Alert  
eP 16 27 09  
Mould Bay  
iP 16 25 45 d  
i 16 28 39  
Penticton  
iP 16 25 55

OCTOBER 27  
Penticton  
eP 22 08 24

OCTOBER 27  
Penticton  
iP 22 23 07

OCTOBER 28  
Mould Bay  
eP 01 03 22  
Penticton  
iP 01 03 30

OCTOBER 28  
Mould Bay  
eP 01 13 55  
Penticton  
iP 01 14 41

OCTOBER 28  
Penticton  
eP 04 14 01

OCTOBER 28  
Mould Bay  
eP 05 34 02

OCTOBER 28  
Penticton  
eP 07 04 47

OCTOBER 28  
U.S.C.G.S.  
14.8N, 119.7E  
Off west coast of  
Luzon, Philippine  
Islands  
H = 12 06 21.5  
h = about 115 km  
Mould Bay  
eP 12 18 32

Penticton  
iP 12 19 44

OCTOBER 28  
Penticton  
iP 13 03 55  
Victoria  
eP 13 03 20

OCTOBER 28  
U.S.C.G.S.  
0.1N, 123.6E  
Northern Celebes  
H = 15 00 17.0  
h = about 61 km  
Mould Bay  
eP 15 13 39 c

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 28  
U.S.C.G.S.  
37.2N, 141.8E  
Near east coast of  
Honshu, Japan  
H = 17 49 32.0  
H = about 48 km  
Mould Bay  
eP 17 59 09

OCTOBER 28  
47.8°N, 123.7°W  
Olympic Mountains,  
Washington, U.S.A.  
H = 18 05 32  
Mag 2.1  
Penticton  
eP<sub>n</sub> 18 06 19.9  
eS<sub>n</sub> 18 06 53.2  
D = 348 km  
Victoria  
eP<sub>1</sub> 18 05 46.0  
eS<sub>1</sub> 18 05 56.6  
D = 87 km

OCTOBER 28  
U.S.C.G.S.  
16.0N, 93.6W  
Chiapas, Mexico  
H = 22 53 01.3  
h = about 110 km

Alert  
eP 23 03 48  
Banff  
eP 23 00 21  
Mould Bay  
iP 23 03 09 c  
Penticton  
iP 23 00 22  
Resolute  
P 23 02 48  
Shawinigan Falls  
eP 22 59 46  
Victoria  
eP 23 00 31

OCTOBER 28  
Penticton  
iP 23 10 32

OCTOBER 29  
U.S.C.G.S.  
7.1N, 82.6W  
Off coast of  
Panama  
H = 00 19 39.7  
h = about 21 km

Alert  
eP 00 31 25  
London  
iP 00 26 39 d  
Mould Bay  
iP 00 31 03 c  
Penticton  
iP 00 28 53 c  
Resolute  
eP 00 30 37 c  
Schefferville  
eP 00 28 28 c  
Shawinigan Falls  
eP 00 27 17  
Victoria  
eP 00 29 03 c

OCTOBER 29  
Mould Bay  
eP 01 14 21  
Penticton  
eP 01 14 40

OCTOBER 29  
Mould Bay  
eP 02 08 18

OCTOBER 29  
Mould Bay  
eP 02 33 03  
Resolute  
(P) 02 34 (03)

OCTOBER 29  
U.S.C.G.S.  
34.3N, 117.0W  
San Bernardino County,  
California  
H = 02 42 56.1  
h = about 33 km

Alert  
eP 02 52 02  
Mould Bay  
eP 02 50 48 d  
Penticton  
iP 02 46 31 c

OCTOBER 29  
Mould Bay  
eP 03 58 48 d

OCTOBER 29  
Penticton  
eP 04 42 16

OCTOBER 29  
Mould Bay  
eP 06 09 39

OCTOBER 29  
U.S.C.G.S.  
33.9S, 70.7W  
Central Chile  
H = 09 30 48.2  
h = about 33 km

Penticton  
iP 09 44 01

OCTOBER 29  
Mould Bay  
eP 10 49 45

OCTOBER 29  
U.S.C.G.S.  
13.0N, 88.4W  
Near coast of  
El Salvador  
H = 10 53 29.9  
h = about 43 km

Alert  
eP 11 04 40  
Banff  
eP 11 01 35  
Mould Bay  
eP 11 04 09 c  
Penticton  
iP 11 01 39 c  
Resolute  
P 11 03 45



DOMINION OBSERVATORIES

Schefferville eP 11 01 45	OCTOBER 30 U.S.C.G.S. 12.5N, 88.0W Off west coast of Nicaragua H = 08 31 51.8 H = about 80 km	OCTOBER 30 Penticton iP 22 54 09
Shawinigan Falls e 11 00 45		
Victoria eP 11 01 48		OCTOBER 31 Penticton eP 00 08 12
OCTOBER 29 Mould Bay eP 12 18 37	Alert eP 08 43 00	OCTOBER 31 U.S.C.G.S. 5.6N, 82.6W South of Panama H = 11 32 29.0 h = about 33 km Mag 6 1/2 (PAS). 5 1/2 (PAL).
OCTOBER 29 Mould Bay eP 17 57 30	Banff eP 08 39 50	Alert eP 11 44 21
OCTOBER 29 Banff eP 21 13 03	Halifax iP 08 39 08 d	Banff iP 11 41 43 c
London P? 21 12 51	London iP 08 38 02 d	Halifax eP 11 40 24
Penticton iP 21 12 55	Mould Bay eP 08 42 29 d	London iP 11 39 39 d
Victoria eP 21 12 48	Penticton iP 08 40 01	Mould Bay eP 11 43 59 c
OCTOBER 30 U.S.C.G.S. 54.2S, 9.1E Bouvet Island region H = 01 46 32.7 h = about 33 km	Resolute eP 08 42 05 d	Penticton iP 11 41 49 c
Banff eP' 02 06 11	Schefferville iP 08 40 03 c	Resolute P 11 43 34
Mould Bay eP' 02 06 21 c	Shawinigan Falls iP 08 38 48	Schefferville iP 11 41 27 c
Penticton iP' 02 06 17	Victoria eP 08 40 11 d	Shawinigan Falls iP 11 40 16 d
Resolute eP' 02 06 04 c		Victoria eP 11 42 00 c
Victoria eP' 02 06 15	OCTOBER 30 Alert eP 15 30 15	OCTOBER 31 U.S.C.G.S. 51.6N, 177.3E Rat Islands, Aleutian Islands H = 13 27 25.0 h = about 83 km
OCTOBER 30 Mould Bay eP 02 32 08 c	Mould Bay iP 15 29 43 c	Alert eP 13 35 15 d
OCTOBER 30 Mould Bay eP 05 16 24	Penticton iP 15 27 10	Mould Bay eP 13 34 04
Penticton eP 05 16 24	Resolute eP 15 29 20 c	i 13 36 38
	OCTOBER 30 Banff eP 21 07 51	Penticton iP 13 34 44
	Penticton iP 21 07 37 d	
	Victoria eP 21 07 25	

SEISMOLOGICAL BULLETIN - 1962

OCTOBER 31 Mould Bay eP 19 40 35	NOVEMBER 1 Penticton iP 10 35 56	NOVEMBER 1 U.S.C.G.S. 1.9N, 133.0E Off coast of western New Guinea H = 15 33 22.6 h = about 56 km
OCTOBER 31 Mould Bay eP 21 39 20	NOVEMBER 1 Penticton eP 11 10 08	Mould Bay eP 15 46 28 d
OCTOBER 31 Penticton iP 23 18 27 c	NOVEMBER 1 U.S.C.G.S. 1.5S, 77.8W Ecuador H = 11 31 48.7 h = about 181 km	Penticton iP 15 47 04
NOVEMBER 1 U.S.C.G.S. 41.8N, 144.8E South of Hokkaido, Japan H = 03 59 49.9 h = about 91 km	Mould Bay eP 11 43 45 c	Resolute eP 15 46 (57)
Penticton iP 04 10 11	Penticton iP 11 41 53	NOVEMBER 1 U.S.C.G.S. 1.9N, 132.8E North of western New Guinea H = 17 52 20.2 h = about 36 km
NOVEMBER 1 Banff eP 06 13 35	NOVEMBER 1 U.S.C.G.S. 37.2N, 70.0E Hindu Kush region H = 13 46 43.4 h = about 132 km	Penticton iP 18 06 04 c
Penticton eP 06 13 32	Mould Bay eP 13 57 20	Resolute eP 18 05 56 c
NOVEMBER 1 U.S.C.G.S. 29.0N, 128.7E Ryukyu Islands H = 09 16 44.7 h = about 164 km	Penticton iP 13 59 41 c	NOVEMBER 1 Mould Bay iP 18 20 28 c
Mould Bay eP 09 27 21	NOVEMBER 1 Mould Bay eP 15 27 58	NOVEMBER 1 Mould Bay eP 20 21 34
NOVEMBER 1 Penticton eP 09 45 09	NOVEMBER 1 U.S.C.G.S. 37.4N, 70.0E Hindu Kush region H = 15 26 56.1 h = about 124 km	NOVEMBER 1 U.S.C.G.S. 43.9N, 145.2E Kurile Islands H = 23 20 59.6 h = about 131 km
NOVEMBER 1 U.S.C.G.S. 23.7S, 179.6W Fiji Islands region H = 09 47 15.6 h = about 525 km	Mould Bay eP 15 37 34 d	Alert eP 23 30 03
Penticton iP 09 59 22	Penticton iP 15 40 01 c	Banff eP 23 31 09 c
		Mould Bay eP 23 29 34
		Penticton iP 23 31 03 c
		Resolute eP 23 30 19 d



DOMINION OBSERVATORIES

NOVEMBER 2  
Penticton  
iP 07 17 10

NOVEMBER 2  
U.S.C.G.S.  
36.5N, 71.4E  
Hindu Kush  
H = 13 23 01.0  
h = about 33 km  
Mould Bay  
eP 13 33 54

NOVEMBER 2  
U.S.C.G.S.  
10.0S, 117.8E  
South of Sumbawa  
H = 14 46 39.2  
h = about 33 km  
Halifax  
eP' 15 06 17  
Mould Bay  
eP 15 01 04  
Penticton  
iP' 15 05 27 c

NOVEMBER 2  
U.S.C.G.S.  
36.7N, 141.1E  
Near east coast of  
Honshu, Japan  
H = 15 00 25.4  
h = about 75 km  
Alert  
eP 15 10 28  
i 15 11 32  
Mould Bay  
eP 15 10 03 c  
Penticton  
iP 15 11 22  
Resolute  
eP 15 10 45 c

NOVEMBER 2  
U.S.C.G.S.  
52.5N, 170.7W  
Fox Islands,  
Aleutian Islands  
H = 19 06 54.3  
h = about 84 km

Mould Bay  
eP 19 13 03  
Penticton  
iP 19 13 13

NOVEMBER 3  
U.S.C.G.S.  
6.7S, 104.7W  
1500 km Southwest of  
Galapagos Islands  
H = 01 35 10.6  
h = about 33 km  
Mould Bay  
eP 01 47 35 c

NOVEMBER 3  
Mould Bay  
eP 03 37 40

NOVEMBER 3  
Mould Bay  
eP 03 49 42

NOVEMBER 3  
Mould Bay  
eP 07 07 04

NOVEMBER 3  
Mould Bay  
eP 07 47 41  
Resolute  
eP 07 48 34

NOVEMBER 3  
U.S.C.G.S.  
72.1N, 2.5E  
Arctic Ocean  
H = 14 22 14.7  
h = about 45 km  
Alert  
eP 14 25 52  
Mould Bay  
eP 14 27 59  
Resolute  
P 14 27 (31)

NOVEMBER 3  
U.S.C.G.S.  
37.1N, 95.5E  
Tsinghai Prov.,  
China  
H = 15 01 39.6  
h = about 33 km  
Mould Bay  
eP 15 12 15

NOVEMBER 3  
H = 23 27 20  
Mag 2.5  
Penticton  
eP<sub>n</sub> 23 28 15.2  
eS<sub>n</sub> 23 29 03.7  
D = 397 km

NOVEMBER 4  
Mould Bay  
eP 02 46 27

NOVEMBER 4  
U.S.C.G.S.  
40.3N, 77.7E  
Sinkiang Prov.,  
China  
H = 10 57 04.2  
h = about 33 km  
Mould Bay  
eP 11 07 31 c

NOVEMBER 4  
Resolute  
i(P) 13 23 39

NOVEMBER 4  
H = 15 48 24  
Mag 2.3  
Penticton  
eP<sub>n</sub> 15 49 02.8  
eS<sub>n</sub> 15 49 35.3  
D = 267 km

SEISMOLOGICAL BULLETIN - 1962

NOVEMBER 4  
U.S.C.G.S.  
43.2S, 75.6W  
Off coast of  
southern Chile  
H = 22 53 34.2  
h = about 33 km  
Mag 5 3/4 - 6 (PAS)  
5 1/2 (PAL)  
Alert  
eP' 23 12 32 (d)  
Halifax  
eP 23 06 24 d  
London  
iP 23 06 12 c  
Mould Bay  
iP' 23 12 26 d  
Resolute  
P' 23 12 19  
Schefferville  
eP 23 07 09  
Shawinigan Falls  
eP 23 06 28

NOVEMBER 5  
Alert  
eP 05 51.1

NOVEMBER 5  
Canadian Arctic  
H = 09 01 27.8  
h = 16 km  
Mag 2.6  
Resolute  
e 09 02 16  
P 09 02 21  
S<sub>n</sub> 09 02 48  
S<sub>1</sub> 09 03 01.5  
D = 330 km

NOVEMBER 5  
U.S.C.G.S.  
66.4N, 6.8E  
Off coast of Norway  
H = 11 46 12.1  
h = about 33 km  
Mould Bay  
eP 11 52 52

NOVEMBER 5  
Mould Bay  
eP 23 25 56  
Resolute  
(P) 23 25 15

NOVEMBER 6  
U.S.C.G.S.  
28.0N, 55.6E  
Southern Iran  
H = 00 09 47.2  
h = about 33 km  
Alert  
eP 00 20 32 c  
i 00 21 58  
Mould Bay  
eP 00 21 32 c  
S 00 31 12  
Schefferville  
eP 00 22 15 c

NOVEMBER 6  
H = 00 34 02  
Mag 3.2  
Montana?  
Banff  
eP<sub>n</sub> 00 35 04.4  
eS<sub>n</sub> 00 36 00.4  
D = 458 km  
Penticton  
eP<sub>n</sub> 00 35 11.9  
eS<sub>n</sub> 00 36 14.4  
D = 512 km

NOVEMBER 6  
U.S.C.G.S.  
45.8N, 122.5W  
Washington-Oregon  
Border  
H = 03 36 46.9  
h = about 44 km  
Alert  
eP 03 44 28  
S 03 50.6  
Banff  
eP 03 38 31  
Mould Bay  
eP 03 42 59 d  
S 03 48 05

Penticton  
iP 03 37 49  
Resolute  
eP 03 43 06 d  
Victoria  
iP 03 37 30.2

NOVEMBER 6  
Penticton  
eP 04 16 54  
Victoria  
eP 04 16 35.4

NOVEMBER 6  
Mould Bay  
eP 06 34 31  
Resolute  
(P) 06 35 21

NOVEMBER 6  
Mould Bay  
eP 07 20 54

NOVEMBER 6  
Mould Bay  
eP 07 58 32

NOVEMBER 6  
U.S.C.G.S.  
4.0S, 79.8W  
Near coast of  
Ecuador  
H = 12 23 24.6  
h = about 101 km  
Mould Bay  
eP 12 35 40 d  
Penticton  
iP 12 33 45

NOVEMBER 6  
Penticton  
eP 13 23 08

NOVEMBER 6  
U.S.C.G.S.  
17.3N, 68.3W  
Mona Passage  
H = 15 08 05.1  
h = about 33 km  
Mould Bay  
eP 15 18 41



DOMINION OBSERVATORIES

NOVEMBER 6  
Mould Bay  
eP 15 48 39 c

NOVEMBER 6  
Mould Bay  
eP 20 50 35

NOVEMBER 6  
U.S.C.G.S.  
4.9S, 152.7E  
Near coast of  
New Ireland  
H = 21 26 47.8  
h = about 68 km  
Mould Bay  
eP 21 40 00

NOVEMBER 7  
Mould Bay  
eP 10 12 37

NOVEMBER 7  
Mould Bay  
iP 11 42 27 c

NOVEMBER 7  
U.S.C.G.S.  
40.5N, 29.4W  
Azores  
H = 12 57 45.7  
h = about 33 km  
Alert  
eP 13 05 47  
Mould Bay  
eP 13 06 47 c  
Penticton  
iP 13 07 57  
Resolute  
eP 13 06 00 d  
Schefferville  
eP 13 03 40

NOVEMBER 7  
Halifax  
iP' 16 22 19.5 c  
Penticton  
iP' 16 21 29 d  
Resolute  
P' 16 21 (20)  
Schefferville  
eP' 16 22 02  
Shawinigan Falls  
eP' 16 22 10

NOVEMBER 7  
U.S.C.G.S.  
20.4N, 122.1E  
Batan Islands,  
Philippine Islands region  
H = 20 02 12.8  
h = about 57 km  
Mould Bay  
eP 20 13 59  
Resolute  
P 20 14 29

NOVEMBER 7  
U.S.C.G.S.  
51.5N, 176.1E  
Rat Islands,  
Aleutian Islands  
H = 22 26 33.8  
h = about 43 km  
Alert  
eP 22 34 31 c  
Mould Bay  
eP 22 33 20 c  
Resolute  
P 22 34 (11)

NOVEMBER 8  
U.S.C.G.S.  
15.1S, 75.6W  
Near coast of  
southern Peru  
H = 00 02 08.6  
h = about 33 km  
Mould Bay  
eP 00 15 29  
Resolute  
P 00 15 08  
Schefferville  
eP 00 13 18

NOVEMBER 8  
U.S.C.G.S.  
4.4S, 105.5W  
1700 km Southwest of  
Galapagos, Philippine  
Islands  
H = 00 33 13.8  
h = about 33 km  
Mould Bay  
eP 00 45 25  
Penticton  
iP 00 42 41  
Resolute  
P 00 45 (15)

NOVEMBER 8  
Penticton  
iP 03 43 26

NOVEMBER 8  
U.S.C.G.S.  
45.2N, 147.2E  
Kurile Islands region  
H = 18 48 06.3  
h = about 148 km  
Mould Bay  
eP 18 56 24  
Resolute  
eP 18 57 12 d

NOVEMBER 8  
Mould Bay  
eP 20 45 05  
Penticton  
iP 20 43 21

NOVEMBER 8  
U.S.C.G.S.  
52.0N, 174.9E  
Near Islands,  
Aleutian Islands  
H = 21 15 56.0  
h = about 33 km  
Alert  
eP 21 23 51 c  
Mould Bay  
eP 21 22 42 c  
Resolute  
P 21 23 35  
Schefferville  
eP 21 26 13

SEISMOLOGICAL BULLETIN - 1962

NOVEMBER 9  
U.S.C.G.S.  
33.4N, 47.2E  
Iraq-Iran Border  
region  
H = 01 11 02.1  
h = about 33 km  
Alert  
eP 01 21 04 c  
Halifax  
iP 01 23 12 d  
Mould Bay  
eP 01 22 13 c  
Resolute  
iP 01 22 08 d  
Shawinigan Falls  
eP 01 23 30

NOVEMBER 9  
U.S.C.G.S.  
45.8N, 26.7E  
Central Rumania  
H = 02 14 47.6  
h = about 130 km  
Alert  
eP 02 22 51  
Mould Bay  
eP 02 24 17  
Penticton  
iP 02 26 49

NOVEMBER 9  
U.S.C.G.S.  
10.4N, 126.2E  
Off east coast of Samar,  
Philippine Islands  
H = 04 47 20.4  
h = about 33 km  
Mould Bay  
eP 04 59 56

NOVEMBER 9  
Mould Bay  
eP 09 08 54

NOVEMBER 9  
U.S.C.G.S.  
35.8N, 140.3E  
Near east coast of  
Honshu, Japan  
H = 09 21 30.8  
h = about 33 km  
Alert  
iP 09 31 45 c  
Mould Bay  
iP 09 31 20 c  
Penticton  
iP 09 32 38  
Resolute  
P 09 32 02

NOVEMBER 9  
Penticton  
eP 13 53 21  
Victoria  
eP 13 53 00

NOVEMBER 9  
U.S.C.G.S.  
27.5N, 140.1E  
Bonin Islands region  
H = 13 51 38.5  
h = about 452 km  
Alert  
eP 14 02 03 (d)  
Mould Bay  
iP 14 01 39 d  
Penticton  
iP 14 02 39 d  
Resolute  
eP 14 02 17 d

NOVEMBER 9  
Mould Bay  
eP 14 54 16 c

NOVEMBER 9  
U.S.C.G.S.  
40.3N, 29.3W  
Azores  
H = 18 08 47.9  
h = about 33 km  
Mould Bay  
eP 18 17 50 c

NOVEMBER 9  
Resolute  
(P) 19 30 (24)

NOVEMBER 9  
Mould Bay  
eP 22 51 10

NOVEMBER 10  
Mould Bay  
iP 00 09 33 d

NOVEMBER 10  
U.S.C.G.S.  
43.8N, 147.2E  
Kurile Islands  
H = 01 33 19.0  
h = about 60 km  
Mag 5 1/2 (PAL)  
Alert  
eP 01 42 30 c  
Banff  
iP 01 43 30 c  
Halifax  
eP 01 46 03 c  
London  
iP 01 45 41 c  
Mould Bay  
eP 01 41 58 c  
S  
01 48 56  
Penticton  
iP 01 43 23 c  
Resolute  
P 01 42 44  
Schefferville  
iP 01 45 10 c  
Shawinigan Falls  
iP 01 45 41 c  
Victoria  
eP 01 43 11

NOVEMBER 10  
Resolute  
e(P) 10 42 59



DOMINION OBSERVATORIES

NOVEMBER 10 U.S.C.G.S. 19.3N, 121.1E Near northern coast of Lauzon, Philippine Islands H = 11 03 36.8 h = about 32 km Mould Bay iP 11 15 33 c Resolute P 11 16 04	Mould Bay eP 06 36 10 Resolute eP 06 36 46 d	Shawinigan Falls i 11 43 48 Victoria eP 11 42 (38)
NOVEMBER 10 Resolute eP 12 36 13 c	NOVEMBER 11 U.S.C.G.S. 23.9S, 69.5E Mascarene Islands region H = 07 39 15.4 h = about 33 km Penticton iP' 07 59 08	NOVEMBER 11 U.S.C.G.S. 19.3S, 177.6W Fiji Islands H = 11 57 47.9 h = about 547 km Penticton iP 12 09 29 d
NOVEMBER 10 U.S.C.G.S. 38.3N, 141.8E Near east coast of Honshu, Japan H = 19 32 05.4 h = about 100 km Mould Bay eP 19 41 28 c i 19 41 39 Resolute eP 19 42 (22)	NOVEMBER 11 Mould Bay eP 09 13 20	NOVEMBER 11 U.S.C.G.S. 17.2N, 40.7E Red Sea H = 15 15 33.6 h = about 34 km Alert eP 15 27 12 Mould Bay iP 15 28 11 d Resolute P 15 28 (04)
NOVEMBER 11 U.S.C.G.S. 1.2S, 78.8W Ecuador H = 03 52 19.4 h = about 59 km Mould Bay eP 04 04 27 d Penticton eP 04 02 31	NOVEMBER 11 U.S.C.G.S. 55.8N, 113.1E Lake Baikal region, U.S.S.R. H = 11 31 44.5 h = about 33 km Mag 6 1/4 (PAS) Alert eP 11 39 33 Banff eP 11 42 29 d Mould Bay eP 11 39 48 c S 11 46 18 Penticton iP 11 42 31 c	NOVEMBER 11 U.S.C.G.S. 12.9S, 166.5E Santa Cruz Islands H = 16 09 57.6 h = about 77 km Mag 6 1/2 - 6 3/4 (PAS) Banff eP 16 23 01 Mould Bay eP 16 23 30 Penticton iP 16 22 48 c Resolute P' 16 28 (10)
NOVEMBER 11 Resolute (P) 05 30 01	NOVEMBER 11 U.S.C.G.S. 18.4N, 145.6E Mariana Islands H = 06 24 51.7 h = about 135 km	NOVEMBER 11 London (P) 16 39 09 Resolute eP 16 39 41 d

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NOVEMBER 11 Penticton iP 16 48 30	Mould Bay eP' 22 33 08 Resolute P' 22 33 04 Shawinigan Falls iP 22 27 15 c	NOVEMBER 12 U.S.C.G.S. 51.5N, 178.4W Andreanof Islands, Aleutian Islands H = 19 32 38.0 h = about 57 km Alert eP 19 40 29 Mould Bay eP 19 39 13 c Penticton iP 19 39 41 c Resolute P 19 40 (06) Victoria eP 19 39 25
NOVEMBER 11 H = 19 12 10 Mag 1.3 Penticton iP1 19 12 21.3 iS1 19 12 29.7 D = 69 km	NOVEMBER 12 Mould Bay eP 04 26 03 Resolute P 04 26 (56)	NOVEMBER 12 U.S.C.G.S. 26.0N, 128.4E Ryukyu Islands H = 12 49 10.8 h = about 40 km Alert eP 13 00 29 c Banff eP 13 01 42 Mould Bay eP 13 00 18 c S 13 09 28 Penticton iP 13 01 38 Resolute P 13 00 53 Victoria eP 13 01 28
NOVEMBER 11 Penticton eP 21 20 48	NOVEMBER 11 U.S.C.G.S. 48.9°N, 128.8°W West of Vancouver Island H = 21 45 20.5 Mag 4.2 Banff eP <sub>n</sub> 21 47 28 D = 993 km Mould Bay eP 21 51 07 Penticton iP <sub>n</sub> 21 46 49 D = 678 km Victoria eP <sub>n</sub> 21 46 13.4 D = 401 km	NOVEMBER 13 Mould Bay eP 02 01 22
NOVEMBER 11 Penticton eP 22 11 33	NOVEMBER 11 U.S.C.G.S. 43.2S, 76.0W Off coast of southern Chile H = 22 14 18.7 h = about 33 km Alert eP' 22 33 17 Halifax eP 22 27 08 London iP 22 26 56 c	NOVEMBER 13 Mould Bay eP 02 34 01
NOVEMBER 11 Penticton eP 22 26 56 c	NOVEMBER 12 Mould Bay eP 13 37 19 Resolute (P) 13 37 58	NOVEMBER 13 Mould Bay eP 02 57 07
	NOVEMBER 12 Mould Bay eP 16 26 57 Resolute P 16 27 36	NOVEMBER 13 Mould Bay eP 08 00 54
		NOVEMBER 13 Mould Bay eP 08 13 39
		NOVEMBER 13 U.S.C.G.S. 42.0N, 141.9E Off coast of Hokkaido, Japan H = 08 54 39.1 h = about 61 km



DOMINION OBSERVATORIES

Alert  
iP 09 04 08  
Mould Bay  
eP 09 03 40  
Penticton  
iP 09 05 10  
Resolute  
iP 09 04 24 d

NOVEMBER 13  
U.S.C.G.S.  
52.9N, 166.7W  
Fox Islands,  
Aleutian Islands  
H = 09 58 13.4  
h = about 69 km  
Alert  
eP 10 05 41 c  
Mould Bay  
eP 10 04 12 c  
Resolute  
P 10 05 02

NOVEMBER 13  
Resolute  
i(P) 13 26 28

NOVEMBER 13  
Mould Bay  
eP 13 32 04

NOVEMBER 13  
U.S.C.G.S.  
56.9S, 29.0W  
Sandwich Islands  
H = 21 47 50.3  
h = about 33 km  
Mould Bay  
eP' 22 07 16 c  
i 22 10 47  
Penticton  
iP' 22 06 53  
Resolute  
P' 22 07 (09)

NOVEMBER 13  
Penticton  
eP 22 28 53

NOVEMBER 13  
Penticton  
eP 23 21 46

NOVEMBER 13  
Penticton  
eP 23 50 25

NOVEMBER 14  
Mould Bay  
eP 00 29 25

NOVEMBER 14  
Mould Bay  
eP 01 48 19  
Penticton  
eP 01 46 12

NOVEMBER 14  
U.S.C.G.S.  
35.7N, 140.8E  
Central Honshu,  
Japan  
H = 07 48 05.5  
h = about 61 km  
Alert  
eP 07 58 17 d  
S 08 06 37  
Banff  
eP 07 59 16  
Mould Bay  
iP 07 57 53 d  
S 08 05 49  
Resolute  
iP 07 58 33 d  
Schefferville  
eP 08 00 45 d  
Victoria  
eP 07 58 58 d

NOVEMBER 14  
U.S.C.G.S.  
35.6N, 140.8E  
Central Honshu,  
Japan  
H = 07 56 29.2  
h = about 60 km  
Mould Bay  
eP 08 06 16

NOVEMBER 14  
Mould Bay  
eP 14 28 29

NOVEMBER 14  
Alert  
eP 14 39 10  
Mould Bay  
eP 14 39 36 c

NOVEMBER 14  
Alert  
eP 16 01 13  
Mould Bay  
eP 16 01 40

NOVEMBER 14  
U.S.C.G.S.  
20.3N, 45.9W  
North Atlantic Ocean  
H = 16 11 08.4  
h = about 33 km  
Alert  
eP 16 21 (25)  
Mould Bay  
eP 16 21 56

NOVEMBER 14  
Mould Bay  
eP 19 05 07  
Resolute  
eP 19 05 57

NOVEMBER 14  
Penticton  
eP 19 27 58

NOVEMBER 14  
Penticton  
eP 20 03 25

NOVEMBER 14  
Mould Bay  
eP 21 25 49

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NOVEMBER 14  
U.S.C.G.S.  
0.3S, 123.0E  
Northern Celebes  
H = 21 59 16.1  
h = about 92 km  
Mould Bay  
eP 22 12 36

NOVEMBER 14  
Mould Bay  
eP 22 54 13

NOVEMBER 15  
Resolute  
e(P) 01 29 54

NOVEMBER 15  
Resolute  
eP 11 31 52 c

NOVEMBER 15  
Resolute  
eP 12 59 (52)

NOVEMBER 15  
U.S.C.G.S.  
36.0N, 140.3E  
Central Honshu,  
Japan  
H = 13 48 40.1  
h = about 90 km  
Mould Bay  
eP 13 58 23  
Resolute  
eP 13 59 04

NOVEMBER 15  
U.S.C.G.S.  
38.3S, 73.2W  
Central Chile  
H = 15 51 57.6  
h = about 33 km  
Mould Bay  
eP' 16 10 40  
Penticton  
eP 16 05 23

NOVEMBER 15  
U.S.C.G.S.  
38.4S, 73.6W  
Central Chile  
H = 16 09 26.9  
h = about 33 km  
Mould Bay  
eP' 16 28 09

NOVEMBER 15  
Banff  
eP 23 26 56  
Penticton  
iP 23 27 10

NOVEMBER 15  
U.S.C.G.S.  
8.7S, 79.8W  
Near coast of  
northern Peru  
H = 23 25 15.7  
h = about 45 km  
Mag 6 (PAS)  
Alert  
eP 23 38 18 c  
S 23 48 46  
Banff  
eP 23 36 05  
London  
iP 23 34 16 c  
Mould Bay  
iP 23 38 02 c  
Penticton  
iP 23 36 09 c  
Resolute  
iP 23 37 40 c  
Schefferville  
iP 23 35 47 c  
Victoria  
eP 23 36 16

NOVEMBER 16  
U.S.C.G.S.  
18.0S, 178.4W  
Fiji Islands region  
H = 02 19 48.7  
h = about 612 km  
Penticton  
iP 02 31 21 c

NOVEMBER 16  
Penticton  
iP 05 50 13

NOVEMBER 16  
U.S.C.G.S.  
1.0S, 78.6W  
Ecuador  
H = 06 39 08.2  
h = about 33 km  
Banff  
eP 06 49 18  
Mould Bay  
eP 06 51 18  
Penticton  
iP 06 49 24 d  
Victoria  
eP 06 49 33

NOVEMBER 16  
U.S.C.G.S.  
32.3S, 111.1W  
Easter Island region  
H = 07 18 37.3  
h = about 43 km  
Mag 6 1/2 - 6 3/4  
(PAS)  
6 (PAL)  
Banff  
eP 07 31 00 c  
London  
P 07 30 43  
Penticton  
iP 07 30 52 c  
Schefferville  
eP 07 31 55  
Shawinigan Falls  
iP 07 31 13  
Victoria  
eP 07 30 50

NOVEMBER 16  
Penticton  
eP 02 14 31

NOVEMBER 16  
Mould Bay  
eP 02 14 56



DOMINION OBSERVATORIES

NOVEMBER 16  
U.S.C.G.S.  
19.0N, 145.3E  
Mariana Islands  
H = 09 52 25.1  
h = about 207 km  
Alert  
iP 10 04 01  
Banff  
eP 10 04 16  
Mould Bay  
iP 10 03 32 c  
Penticton  
iP 10 04 08 c  
Resolute  
eP 10 04 08 c  
Victoria  
eP 10 03 56

NOVEMBER 16  
H = 20 13 33  
Mag 1.7  
Penticton  
eP<sub>1</sub> 20 14 00.7  
eS<sub>1</sub> 20 14 21.8  
D = 183 km

NOVEMBER 16  
U.S.C.G.S.  
13.5N, 93.2E  
Andaman Islands  
H = 21 10 01.8  
h = about 33 km  
Mag 6 - 6 1/4 (PAL)  
Alert  
iP 21 22 29 c  
iS 21 32 49  
London  
p<sup>1</sup> 21 28 58  
Mould Bay  
eP 21 22 52 c  
Penticton  
eP' 21 28 28  
Resolute  
eP 21 23 09 c  
Schefferville  
eP' 21 28 58

NOVEMBER 16  
Mould Bay  
eP 21 40 10  
NOVEMBER 16  
U.S.C.G.S.  
14.0N, 92.8E  
Andaman Islands  
region  
H = 22 45 43.5  
h = about 33 km  
Alert  
eP 22 58 06 c  
Mould Bay  
eP 22 58 30 d  
Resolute  
eP 22 58 47

NOVEMBER 17  
Mould Bay  
eP 00 43 20

NOVEMBER 17  
U.S.C.G.S.  
16.3N, 98.2W  
Oaxaca, Mexico  
H = 11 07 15.4  
h = about 12 km  
Alert  
eP 11 18 14  
London  
P 11 13 29  
Mould Bay  
iP 11 17 30 c  
S 11 25 54  
Penticton  
iP 11 14 29 c  
Resolute  
eP 11 17 12 c  
Schefferville  
eP 11 15 35  
Shawinigan Falls  
iP 11 14 25 (c)

NOVEMBER 17  
Resolute  
eP 13 24 02

NOVEMBER 17  
U.S.C.G.S.  
2.8N, 121.7E  
Celebes Sea  
H = 14 21 30.6  
h = about 609 km  
Mould Bay  
eP 14 33 45

NOVEMBER 17  
Mould Bay  
eP 14 47 34

NOVEMBER 17  
Alert  
eP 19 52 44  
Mould Bay  
eP 19 51 33

NOVEMBER 17  
Mould Bay  
eP 20 03 39

NOVEMBER 17  
U.S.C.G.S.  
63.3N, 150.0W  
Central Alaska  
H = 22 28 29.3  
h = about 125 km  
Alert  
eP 22 34 06  
Mould Bay  
eP 22 32 13  
Penticton  
iP 22 33 12  
Resolute  
eP 22 33 11

NOVEMBER 18  
Mould Bay  
eP 00 36 19

NOVEMBER 18  
Mould Bay  
eP 02 25 14  
Resolute  
e(P) 02 26 (00)

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NOVEMBER 18  
U.S.C.G.S.  
0.2S, 125.1E  
Molucca Sea  
H = 06 43 08.3  
h = about 56 km  
Resolute  
eP 06 56 57

NOVEMBER 18  
Alert  
eP 07 49 18  
Banff  
eP 07 49 02  
Mould Bay  
eP 07 49 41  
Penticton  
iP 07 49 19 d  
Schefferville  
eP 07 47 16  
Shawinigan Falls  
iP 07 45 40 c  
Victoria  
eP 07 49 34

NOVEMBER 18  
Canadian Arctic  
H = 11 40 55  
Mag 2.1  
Resolute  
P<sub>1</sub> 11 41 18  
S<sub>1</sub> 11 41 35.5  
D = 143 km

NOVEMBER 18  
U.S.C.G.S.  
16.4S, 174.1W  
Tonga Islands region  
H = 12 00 26.7  
h = about 129 km  
Penticton  
iP 12 12 30

NOVEMBER 18  
Mould Bay  
eP 14 45 38

NOVEMBER 19  
U.S.C.G.S.  
24.3N, 122.6E  
Ryukyu Islands  
H = 04 15 36.1  
h = about 53 km  
Mould Bay  
eP 04 26 58  
Penticton  
iP 04 28 23  
Resolute  
eP 04 27 30

NOVEMBER 19  
Mould Bay  
e(P) 14 13 34

NOVEMBER 19  
U.S.C.G.S.  
60.7S, 152.9E  
700 km Southwest of  
Macquarie Island  
H = 13 58 57.6  
h = about 33 km  
Mould Bay  
eP' 14 18 34

NOVEMBER 19  
U.S.C.G.S.  
6.7N, 73.0W  
Colombia  
H = 14 30 29.1  
h = about 135 km  
Alert  
eP 14 42 02  
Mould Bay  
eP 14 41 51  
i 14 42 33  
Penticton  
iP 14 40 19  
Resolute  
eP 14 41 21 d  
Schefferville  
eP 14 38 58 c

NOVEMBER 19  
Schefferville  
eP 14 44 02

NOVEMBER 19  
U.S.C.G.S.  
5.2S, 152.6E  
New Britain region  
H = 16 49 29.3  
h = about 62 km  
Mould Bay  
eP 17 02 44

NOVEMBER 19  
U.S.C.G.S.  
53.8N, 163.6W  
Unimak Island region  
H = 21 44 50.2  
h = about 33 km  
Alert  
eP 21 52 11 c  
Mould Bay  
eP 21 50 39 c  
i 21 53 53  
Penticton  
iP 21 50 41 c  
Resolute  
P 21 51 28  
Schefferville  
eP 21 53 58 d

NOVEMBER 20  
Mould Bay  
eP 00 15 03

NOVEMBER 20  
48°48'N, 123°06'W  
Gulf Islands  
H = 04 20 48  
Mag 1.9  
Alberni  
eP<sub>1</sub> 04 21 09.2  
eS<sub>1</sub> 04 21 25.7  
D = 136 km  
Victoria  
iP<sub>1</sub> 04 20 54.0  
iS<sub>1</sub> 04 20 58.8  
D = 40 km

NOVEMBER 20  
Resolute  
e(P) 04 39 19



DOMINION OBSERVATORIES

NOVEMBER 20 Mould Bay eP 05 18 23	NOVEMBER 20 U.S.C.G.S. 1.8N, 126.4E Celebes region H = 13 00 00.3 h = about 109 km Resolute e(P) 13 13 (35)	NOVEMBER 22 U.S.C.G.S. 14.3N, 92.7W Near coast of southern Chiapas, Mexico H = 01 30 02.5 h = about 33 km Alert eP 01 41 09 Mould Bay eP 01 40 32 Penticton iP 01 37 47
NOVEMBER 20 Mould Bay eP 06 34 05	NOVEMBER 20 U.S.C.G.S. 42.6N, 143.4E Hokkaido, Japan H = 16 02 14.5 h = about 40 km Mould Bay eP 16 11 12 Penticton eP 16 12 37 Resolute eP 16 11 56 c	NOVEMBER 22 U.S.C.G.S. 42.8N, 143.0E Near east of Hokkaido, Japan H = 03 09 46.6 h = about 33 km Mould Bay eP 03 18 44 Penticton iP 03 20 14 d
NOVEMBER 20 U.S.C.G.S. 55.6N, 158.8E Kamchatka H = 06 54 04.1 h = about 33 km Alert eP 07 01 41 Mould Bay eP 07 00 53 Penticton iP 07 02 36 Resolute eP 07 01 48 Shawinigan Falls eP 07 05 11	NOVEMBER 21 Penticton iP 05 45 43	NOVEMBER 22 Penticton iP 04 28 17 d
NOVEMBER 20 U.S.C.G.S. 56.2N, 159.3E Kamchatka H = 07 32 42.9 h = about 33 km Alert iP 07 40 16 Banff eP 07 41 17 d Mould Bay eP 07 39 29 d Penticton iP 07 41 12 c Resolute eP 07 40 21 d Schefferville eP 07 43 08	NOVEMBER 21 Resolute e(P) 06 05 (17)	NOVEMBER 22 U.S.C.G.S. 1.6S, 77.1W Peru-Ecuador Border H = 06 53 34.5 h = about 147 km Mould Bay iP 07 05 36 d Penticton iP 07 03 46 c
NOVEMBER 20 Mould Bay eP 12 52 57	NOVEMBER 21 U.S.C.G.S. 26.0N, 128.2E Ryukyu Islands H = 15 04 15.4 h = about 33 km Mould Bay eP 15 15 25 Resolute iP 15 16 03 d	NOVEMBER 22 U.S.C.G.S. 18.2S, 167.6E New Hebrides Islands H = 07 37 25.8 h = about 33 km Penticton iP 07 50 38

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NOVEMBER 22 U.S.C.G.S. 50.7N, 129.1W Vancouver Island, British Columbia H = 13 53 08.5 h = about 33 km Mould Bay eP 13 58 38 Penticton eP 13 54 44 Victoria eP 13 54 14	Alert e 00 54.9 e 01 01 40 Banff eP 00 41 42 Mould Bay eP 00 43 25 c Penticton iP 00 41 46 c Resolute eP 00 43 05 Schefferville eP 00 41 15 Shawinigan Falls eP 00 40 19 c Victoria eP 00 41 (50)	Banff eP 23 17 49 d Penticton iP 23 17 37 d Resolute eP' 23 23 (07) Victoria iP 23 17 25 d
NOVEMBER 22 U.S.C.G.S. 44.8N, 149.9E Kurile Islands H = 14 20 10.0 h = about 33 km Mould Bay eP 14 28 41 Resolute eP 14 28 28	NOVEMBER 23 U.S.C.G.S. 15.0S, 75.7W Near south coast of Peru H = 00 44 51.2 h = about 40 km Mould Bay eP 00 58 10 d Penticton eP 00 56 24 Shawinigan Falls eP 00 55 04	NOVEMBER 23 Mould Bay eP 12 04 50 Penticton iP 12 03 04 d
NOVEMBER 22 U.S.C.G.S. 24.1S, 176.8W Tonga Islands region H = 23 55 28.3 h = about 391 km Penticton iP 24 07 43	NOVEMBER 23 U.S.C.G.S. 15.1S, 75.3W Near coast of southern Peru H = 00 30 04.5 h = about 33 km	NOVEMBER 24 Mould Bay eP 07 43 16
NOVEMBER 23 U.S.C.G.S. 15.1S, 75.3W Near coast of southern Peru H = 00 30 04.5 h = about 33 km	NOVEMBER 23 U.S.C.G.S. 21.5S, 179.3W Fiji Islands H = 23 05 47.4 h = about 609 km	NOVEMBER 24 U.S.C.G.S. 11.0N, 62.6W Near north coast of Venezuela H = 07 31 46.5 h = about 19 km Mould Bay eP 07 43 16
		NOVEMBER 24 U.S.C.G.S. 54.8N, 161.6E Near east coast of Kamchatka H = 14 21 39.7 h = about 33 km Mould Bay eP 14 28 31 Resolute e(P) 14 29 24



DOMINION OBSERVATORIES

NOVEMBER 24 U.S.C.G.S. 49.5N, 155.8E Kurile Islands region H = 15 52 20.1 h = about 85 km Alert eP 16 00 (45) c Mould Bay iP 15 59 59 c Resolute eP 16 00 49 c Schefferville eP 16 03 25	Mould Bay eP 10 03 58 NOVEMBER 25 Mould Bay eP 11 41 35 NOVEMBER 25 Mould Bay iP 12 09 42 c NOVEMBER 25 Penticton iP 14 56 33 NOVEMBER 25 Mould Bay eP 15 50 35 Resolute e(P) 15 51 13 NOVEMBER 25 Resolute eP 16 07 45 NOVEMBER 25 U.S.C.G.S. 16.3N, 94.2W Near coast of Chiapas, Mexico H = 17 34 43.4 h = about 100 km Alert eP 17 45 28 Banff eP 17 41 59 (c) Mould Bay eP 17 44 49 c Penticton iP 17 42 01 d Resolute eP 17 44 28 c NOVEMBER 25 Mould Bay eP 18 48 27 NOVEMBER 25 Mould Bay eP 20 40 30	NOVEMBER 25 Mould Bay eP 21 00 46 NOVEMBER 25 U.S.C.G.S. 74.8N, 14.6E Svalbard H = 22 58 10.3 h = about 33 km Mould Bay eP 23 03 49 NOVEMBER 26 U.S.C.G.S. 36.2N, 70.0E Hindu Kush H = 01 41 04.9 h = about 110 km Alert i 01 51 26 Mould Bay eP 01 51 51 i 01 52 22 Penticton i 01 54 46 NOVEMBER 26 Mould Bay eP 04 00 33 NOVEMBER 26 U.S.C.G.S. 39.8N, 77.2E Sinkiang Prov., China H = 05 29 30.2 h = about 14 km Alert eP 05 39 11 Mould Bay eP 05 40 02 c S 05 48 42 Penticton iP 05 42 30 Resolute eP 05 40 (14) Schefferville eP 05 41 45
NOVEMBER 24 U.S.C.G.S. 9.8N, 40.7W Mid-Atlantic Ocean H = 16 19 44.9 h = about 33 km Alert eP 16 31 14 Banff eP 16 31 12 Mould Bay eP 16 31 40 Penticton iP 16 31 27 Schefferville eP 16 28 33 c Shawinigan Falls eP 16 28 04 NOVEMBER 24 Canadian Arctic H = 21 17 40.9 Mag 1.8 Resolute P <sub>1</sub> 21 17 47.5 S <sub>1</sub> 21 17 52.5 D = 41 km NOVEMBER 25 U.S.C.G.S. 10.6N, 125.2E Near north coast of Leyte, Philippine Islands H = 09 51 22.8 h = about 47 km		

SEISMOLOGICAL BULLETIN - 1962

NOVEMBER 26 Mould Bay eP 06 12 08 NOVEMBER 26 Mould Bay eP 07 20 57 NOVEMBER 26 Mould Bay eP 08 20 15 NOVEMBER 26 Penticton eP 10 59 30 NOVEMBER 26 Resolute eP 11 07 (25) NOVEMBER 26 U.S.C.G.S. 42.2N, 144.4E Off coast of Hokkaido, Japan H = 13 28 33.7 h = about 33 km Alert eP 13 38 02 Mould Bay eP 13 37 33 Resolute eP 13 38 17 c NOVEMBER 26 U.S.C.G.S. 23.8S, 175.8W Tonga Islands H = 15 58 46.2 h = about 19 km Banff eP 16 11 52 d Mould Bay eP' 16 17 08 c Penticton iP 16 11 38 d NOVEMBER 26 Mould Bay eP 20 33 24	NOVEMBER 26 Mould Bay eP 23 08 02 NOVEMBER 27 U.S.C.G.S. 51.6N, 177.6W Andreanof Islands Aleutian Islands H = 04 07 17.5 h = about 33 km Mould Bay eP 04 13 52 i 04 14 05 Penticton iP 04 14 18 NOVEMBER 27 U.S.C.G.S. 25.1N, 122.9E Ryukyu Islands H = 06 52 57.8 h = about 148 km Banff iP 07 05 34 c Mould Bay iP 07 04 06 c S 07 13 12 Penticton iP 07 05 30 c Resolute iP 07 04 37 c Schefferville eP' 07 10 29 (c) Victoria iP 07 05 23 c Yellowknife iP 07 04 59 d NOVEMBER 27 Penticton eP 09 45 29 NOVEMBER 27 Mould Bay eP 12 02 16 c NOVEMBER 27 Mould Bay eP 22 55 34 c	NOVEMBER 27 U.S.C.G.S. 14.9N, 119.9E Near west coast of Luzon, Philippine Islands H = 12 07 12.7 h = about 35 km Mould Bay eP 12 19 33 c Resolute eP 12 20 01 NOVEMBER 27 Mould Bay eP 12 37 59 NOVEMBER 27 Resolute e(P) 14 31 (26) NOVEMBER 27 U.S.C.G.S. 12.2N, 143.8E Mariana Islands H = 16 50 27.7 h = about 33 km Mould Bay eP 17 02 32 d S 17 12 35 Penticton iP 17 03 02 Resolute eP 17 03 07 d Yellowknife iP 17 02 57 c NOVEMBER 27 Mould Bay eP 17 15 38 NOVEMBER 27 Mould Bay eP 18 23 22 NOVEMBER 27 Mould Bay eP 22 55 34 c
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## DOMINION OBSERVATORIES

NOVEMBER 28  
U.S.C.G.S.  
12.1N, 143.7E  
Mariana Islands  
H = 02 35 48.8  
h = about 33 km  
Alert  
eP 02 48 21 d  
Banff  
eP 02 48 33  
Mould Bay  
eP 02 47 56 d  
Penticton  
iP 02 48 24 d  
Resolute  
eP 02 48 28 d  
Victoria  
eP 02 48 13  
Yellowknife  
eP 02 48 18

Alert  
eP 15 38 40  
i 15 39 01  
Mould Bay  
eP 15 39 02 c  
Resolute  
eP 15 39 20 d

NOVEMBER 28  
Mould Bay  
eP 15 56 19

NOVEMBER 28  
Mould Bay  
eP 20 07 16

NOVEMBER 28  
Mould Bay  
eP 21 15 51  
Resolute  
P 21 16 35

NOVEMBER 28  
U.S.C.G.S.  
24.3N, 141.3E  
Volcano Islands  
H = 05 53 13.0  
h = about 82 km  
Alert  
eP 06 04 34  
Mould Bay  
eP 06 04 09 c  
Penticton  
iP 06 05 01 c  
Resolute  
eP 06 04 46 c  
Yellowknife  
iP 06 04 44 c

NOVEMBER 28  
Penticton  
eP 14 09 57

NOVEMBER 28  
U.S.C.G.S.  
9.9N, 93.4E  
Andaman Islands  
H = 15 25 58.7  
h = about 53 km

Alert  
Pn 23 58 38  
i 23 59 56  
Sn 24 00 01  
L 24 00 47  
D = 900 km

Mould Bay  
Pn 24 01 14  
Sn 24 04 33  
D = 2200 km  
Resolute  
Pn 24 00 38  
Sn 24 03 32  
D = 1900 km

NOVEMBER 29  
Mould Bay  
eP 01 50 09  
Penticton  
iP 01 45 28 d  
Victoria  
eP 01 44 57

NOVEMBER 29  
U.S.C.G.S.  
29.4S, 177.9W  
Kermadec Islands  
H = 03 58 32.1  
h = about 140 km  
Mould Bay  
eP' 04 16 49  
i 04 18 59 d

NOVEMBER 29  
Penticton  
eP 04 54 23

NOVEMBER 29  
Penticton  
eP 05 08 28

NOVEMBER 29  
Mould Bay  
eP 05 49 01

NOVEMBER 29  
Mould Bay  
eP 06 49 08

NOVEMBER 29  
Penticton  
eP 07 43 39

## SEISMOLOGICAL BULLETIN - 1962

NOVEMBER 29  
U.S.C.G.S.  
22.3S, 175.9W  
Tonga Islands  
H = 09 03 51.1  
h = about 33 km  
Banff  
eP 09 16 49  
Penticton  
iP 09 16 35 d

NOVEMBER 29  
Mould Bay  
eP 09 38 35

NOVEMBER 29  
Mould Bay  
eP 13 31 28

NOVEMBER 29  
Mould Bay  
eP 17 38 14

NOVEMBER 29  
U.S.C.G.S.  
17.3S, 168.5E  
New Hebrides Islands  
H = 19 06 37.6  
h = about 33 km  
Penticton  
iP 19 19 47 c  
Yellowknife  
eP 19 20 18

NOVEMBER 29  
U.S.C.G.S.  
38.4N, 70.4E  
Hindu Kush  
H = 22 52 06.9  
h = about 179 km  
Mould Bay  
eP 23 02 31 c

NOVEMBER 30  
58.8°N, 54.8°W  
Labrador Sea  
H = 02 12 00  
Mag 4.5  
Resolute  
Pn 02 16 51  
D = 2340 km

Schefferville  
Pn 02 13 48  
Sn 02 15 06  
D = 842 km

NOVEMBER 30  
Schefferville  
eP 05 13 49

NOVEMBER 30  
Resolute  
(P) 07 25 (23)

NOVEMBER 30  
74.7°N, 103.5°W  
35 miles southeast of  
Byam Martin Island,  
N.W.T.  
H = 09 39 28.5  
h = 34 km  
Mag 3.4  
Mould Bay  
Pn 09 40 31  
Sn 09 41 15  
Lg 09 41 38  
D = 472 km  
Resolute  
Pn 09 40 01.5  
iP1 09 40 07.2  
iSn 09 40 27  
i 09 40 31.5  
S1 09 40 38  
D = 248 km

NOVEMBER 30  
U.S.C.G.S.  
17.4N, 99.6W  
Guerrero, Mexico  
H = 21 51 22.9  
h = about 51 km  
Mag 5 1/4 - 5 1/2  
(PAL)

Alert  
eP 22 02 10  
Banff  
eP 21 58 21  
Halifax  
eP 21 59 00  
Mould Bay  
iP 22 01 24 d  
S 22 09 35  
Penticton  
iP 21 58 19 c  
Resolute  
eP 22 01 06 d  
Schefferville  
eP 21 59 35  
Shawinigan Falls  
eP 21 58 26  
Victoria  
eP 21 58 25  
Yellowknife  
iP 21 59 42 d

NOVEMBER 30  
U.S.C.G.S.  
3.2N, 127.1E  
Molucca Passage  
H = 16 53 24.6  
h = about 58 km  
Mould Bay  
eP 17 06 23  
Resolute  
P 17 06 (59)

NOVEMBER 30  
U.S.C.G.S.  
10.8N, 124.7E  
Leyte, Philippine  
Islands  
H = 21 11 30.0  
h = about 64 km  
Mould Bay  
eP 21 24 02



DOMINION OBSERVATORIES

NOVEMBER 30  
Penticton  
eP 23 10 06

NOVEMBER 30  
U.S.C.G.S.  
34.4N, 116.8W  
San Bernardino County,  
California  
H = 23 51 05.7  
h = about 33 km  
Mag 4 (PAS)  
Mould Bay  
eP 23 58 59

DECEMBER 1  
U.S.C.G.S.  
52.4N, 170.1W  
Fox Islands,  
Aleutian Islands  
H = 01 50 20.4  
h = about 38 km  
Alert  
eP 01 57 58  
e 01 59.6  
Banff  
eP 01 56 55  
Halifax  
eP 02 00 56  
Mould Bay  
iP 01 56 33  
Penticton  
iP 01 56 41  
Resolute  
eP 01 57 24 d  
Schefferville  
eP 01 59 54  
Shawinigan Falls  
iP 02 00 16 c  
Victoria  
eP 01 56 25  
Yellowknife  
iP 01 56 32

DECEMBER 1  
U.S.C.G.S.  
29.7S, 177.7W  
Kermadec Islands  
H = 04 16 59.6  
h = about 52 km

Alert  
eP 04 35 (49)  
Mould Bay  
eP 04 35 28 c  
Resolute  
eP 04 35 37 d  
Schefferville  
eP 04 35 (55)

DECEMBER 1  
Mould Bay  
eP 04 45 18

DECEMBER 1  
Mould Bay  
eP 06 42 08

DECEMBER 1  
Mould Bay  
eP 08 04 40

DECEMBER 1  
Mould Bay  
eP 09 31 20

DECEMBER 1  
H = 13 15 20  
Mag 1.3  
Penticton  
iP<sub>1</sub> 13 15 46.3  
iS<sub>1</sub> 13 16 06.3  
D = 164 km

DECEMBER 1  
U.S.C.G.S.  
30.8S, 71.3W  
Central Chile  
H = 13 32 24.8  
h = about 68 km  
Penticton  
iP 13 45 21 c

DECEMBER 1  
U.S.C.G.S.  
17.7S, 178.7W  
Fiji Islands  
H = 21 02 51.8  
h = about 620 km  
Mould Bay  
eP 21 15 34 d

Penticton  
iP 21 14 24 c

DECEMBER 1  
45°34'N, 69°08'W  
Central Maine where  
it was reported felt  
H = 21 29 33  
Mag 3.0  
Halifax  
L<sub>g</sub> 21 31 39  
D = 448 km  
Montreal  
e 21 31 07  
e 21 31 09  
L<sub>g</sub> 21 31 12  
D = 350 km  
Shawinigan Falls  
L<sub>g</sub> 21 30 58.7  
D = 302 km

DECEMBER 2  
Mould Bay  
eP 02 25 00

DECEMBER 2  
Alert  
eP 03 37 24  
Mould Bay  
eP 03 37 31  
Penticton  
eP 03 40 25  
Resolute  
P 03 37 (17)

DECEMBER 2  
Resolute  
P 04 27 (15)

DECEMBER 2  
U.S.C.G.S.  
13.5N, 146.0E  
Mariana Islands  
H = 09 49 48.4  
h = about 67 km  
Alert  
eP 10 02 10  
Mould Bay  
eP 10 01 (42)

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Resolute  
P 10 02 (16)  
Yellowknife  
e 10 02 04

DECEMBER 2  
60.9°N, 58.3°W  
Davis Strait, N.W.T.  
H = 14 00 57  
Mag 4.5  
Halifax  
P<sub>n</sub> 14 04 47  
D = 1845 km  
Resolute  
P<sub>n</sub> 14 05 14  
(S<sub>n</sub>) 14 08 28  
D = 2065 km  
Schefferville  
P<sub>n</sub> 14 02 43  
S<sub>n</sub> 14 04 00  
D = 825 km

DECEMBER 2  
Resolute  
P 14 05 (15)

DECEMBER 2  
U.S.C.G.S.  
35.8N, 50.1E  
Iran  
H = 22 21 29.5  
h = about 36 km  
Halifax  
eP 22 33 36 d  
Mould Bay  
eP 22 32 27

DECEMBER 2  
U.S.C.G.S.  
35.5N, 50.1E  
Iran  
H = 23 36 23.7  
h = about 33 km  
Mould Bay  
eP 23 47 23

DECEMBER 3  
Penticton  
iP 10 47 24  
Yellowknife  
e 10 47 06

DECEMBER 3  
Mould Bay  
eP 11 37 (35)  
Resolute  
P 11 38 44  
Yellowknife  
eP 11 37 35 d

DECEMBER 3  
U.S.C.G.S.  
12.9S, 169.2E  
Santa Cruz  
Islands region  
H = 12 50 36.9  
h = about 632 km  
Penticton  
iP 13 02 22

DECEMBER 3  
Resolute  
eP 18 57 48 d

DECEMBER 4  
Resolute  
P 00 59 (57)

DECEMBER 4  
Penticton  
iP 02 16 36

DECEMBER 4  
U.S.C.G.S.  
10.1N, 103.6W  
Off coast of Guerrero,  
Mexico  
H = 03 29 40.8  
h = about 33 km  
Mould Bay  
eP 03 40 29 d  
S 03 49 22  
Resolute  
P 03 40 (15)

DECEMBER 4  
U.S.C.G.S.  
36.9N, 141.0E  
Off east coast of  
Honshu, Japan  
H = 06 15 35.6  
h = about 77 km

Mould Bay  
eP 06 25 13  
Resolute  
eP 06 25 54 c

DECEMBER 4  
U.S.C.G.S.  
21.8S, 65.6W  
Southern Bolivia  
H = 07 23 04.2  
h = about 300 km  
Banff  
eP 07 35 06 d  
Halifax  
eP 07 33 20  
Penticton  
iP 07 35 10 d  
Schefferville  
iP 07 34 21 d  
Shawinigan Falls  
eP 07 33 34  
Victoria  
iP 07 35 17 d  
Yellowknife  
iP 07 35 42 d

DECEMBER 4  
Mould Bay  
eP 08 07 57 d  
Penticton  
iP 08 06 14

DECEMBER 4  
U.S.C.G.S.  
36.1N, 123.5E  
Yellow Sea  
H = 08 16 18.8  
h = about 33 km  
Resolute  
eP 08 27 07 d

DECEMBER 4  
Mould Bay  
eP 08 47 31  
Penticton  
iP 08 45 42



DOMINION OBSERVATORIES

<p>DECEMBER 4 U.S.C.G.S. 6.1S, 149.9E New Britain Island H = 10 34 27.8 h = about 83 km Mould Bay eP 10 47 46</p>	<p>DECEMBER 5 U.S.C.G.S. 17.7S, 178.6W Fiji Islands region H = 05 11 11.2 h = about 565 km Penticton iP 05 22 47 c</p>	<p>DECEMBER 5 U.S.C.G.S. 39.9N, 104.6W Colorado H = 13 48 00.4 h = about 33 km Banff eP 13 51 12 Mould Bay eP 13 55 (09) Penticton eP 13 51 21</p>
<p>DECEMBER 4 Penticton eP 12 11 03</p>	<p>DECEMBER 5 47.5°N, 122.0°W East of Seattle, Washington, U.S.A. H = 09 29 14 Mag 2.8 Alberni eP<sub>n</sub> 09 29 58.0 eS<sub>n</sub> 09 30 31.3 D = 308 km Penticton eP<sub>n</sub> 09 29 52.5 eS<sub>n</sub> 09 30 20.7 D = 263 km Victoria iP<sub>1</sub> 09 29 38.2 iS<sub>1</sub> 09 29 55.9 D = 153 km</p>	<p>DECEMBER 5 Alert i 14 22 46</p>
<p>DECEMBER 4 U.S.C.G.S. 16.5S, 172.8W Samoa Islands region H = 16 40 06.0 h = about 33 km Mag 5 - 5 1/4 (PAL) Mould Bay eP 16 53 45 Penticton eP 16 52 17</p>	<p>DECEMBER 5 U.S.C.G.S. 10.3S, 77.9W Peru H = 11 38 10.6 h = about 50 km Mould Bay eP 11 51 04 Penticton eP 11 49 14 Yellowknife eP 11 50 02</p>	<p>DECEMBER 5 Shawinigan Falls eP 19 41 33</p>
<p>DECEMBER 4 Resolute P 17 17 50</p>	<p>DECEMBER 5 U.S.C.G.S. 20.8S, 178.9W Fiji Islands region H = 12 24 32.6 h = about 591 km Penticton iP 12 36 20 c</p>	<p>DECEMBER 6 Mould Bay eP 00 08 02</p>
<p>DECEMBER 4 U.S.C.G.S. 44.6N, 147.9E Kurile Islands H = 18 46 01.6 h = about 171 km Resolute eP 18 55 06 d</p>	<p>DECEMBER 5 U.S.C.G.S. 20.8S, 178.9W Fiji Islands region H = 12 24 32.6 h = about 591 km Penticton iP 12 36 20 c</p>	<p>DECEMBER 6 Mould Bay eP 02 24 13 e 02 24 26 Mould Bay eP 02 23 (45) Resolute P 02 24 (26)</p>
<p>DECEMBER 4 Mould Bay eP 20 43 17 Resolute P 20 43 (30)</p>	<p>DECEMBER 5 U.S.C.G.S. 20.8S, 178.9W Fiji Islands region H = 12 24 32.6 h = about 591 km Penticton iP 12 36 20 c</p>	<p>DECEMBER 6 Mould Bay eP 02 36 26</p>

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<p>DECEMBER 6 U.S.C.G.S. 20.7S, 71.9W Near coast of northern Chile H = 03 45 37.4 h = about 60 km Penticton iP 03 57 47 c Schefferville eP 03 57 05</p>	<p>DECEMBER 6 U.S.C.G.S. 53.5N, 153.5E Sea of Okhotsk H = 08 52 46.8 h = about 480 km Mould Bay iP 08 59 25 i 09 01 26 Resolute P 09 00 15</p>	<p>DECEMBER 7 U.S.C.G.S. 15.3N, 61.2W Leeward Islands H = 07 27 45.4 h = about 149 km Alert eP 07 38 25 d Mould Bay eP 07 38 29 d Resolute P 07 37 (52)</p>
<p>DECEMBER 6 U.S.C.G.S. 49.0N, 154.3E Kurile Islands H = 04 04 09.8 h = about 85 km Alert eP 04 12 37 Mould Bay iP 04 11 56 d Penticton iP 04 13 20 c Resolute eP 04 12 45 d Schefferville eP 04 15 19 (d) Shawinigan Falls eP 04 15 52 Yellowknife eP 04 12 47</p>	<p>DECEMBER 6 U.S.C.G.S. 53.1N, 169.3W Fox Islands, Aleutian Islands H = 10 08 08.0 h = about 33 km Mould Bay eP 10 14 17 d PcP 10 17 26 Penticton iP 10 14 22 Resolute P 10 15 (07) i 10 17 41 Yellowknife iP 10 14 11 (d)</p>	<p>DECEMBER 7 Southern Vancouver Island H = 08 11 04 Mag 1.6 Alberni iP<sub>1</sub> 08 11 22.9 D = 120 km Victoria iP<sub>1</sub> 08 11 07.8 iS<sub>1</sub> 08 11 11.0 D = 26 km</p>
<p>DECEMBER 6 Resolute (P) 05 22 02</p>	<p>DECEMBER 6 U.S.C.G.S. 55.0N, 161.7E Near east coast of Kamchatka H = 17 16 08.5 h = about 33 km Mould Bay eP 17 23 00 Resolute P 17 23 (53)</p>	<p>DECEMBER 7 U.S.C.G.S. 38.0N, 106.3E Central China H = 09 36 01.5 h = about 33 km Alert eP 09 46 06 Mould Bay eP 09 46 24 c Resolute eP 09 46 52 (d) Yellowknife eP 09 47 38</p>
<p>DECEMBER 6 U.S.C.G.S. 45.6S, 73.4W Near coast of southern Chile H = 06 44 17.0 h = about 33 km Mould Bay eP' 07 03 13</p>	<p>DECEMBER 6 U.S.C.G.S. 29.2N, 139.2E Bonin Islands region H = 14 03 37.0 h = about 411 km Mag 6 3/4 - 7 (Brk)</p>	<p>DECEMBER 7 U.S.C.G.S. 29.2N, 139.2E Bonin Islands region H = 14 03 37.0 h = about 411 km Mag 6 3/4 - 7 (Brk)</p>



DOMINION OBSERVATORIES

Alert  
 eP 14 13 56  
 iS 14 22 20  
 Banff  
 eP 14 14 47  
 Mould Bay  
 eP 14 13 32 c  
 Penticton  
 iP 14 14 36 c  
 Resolute  
 eP 14 14 10 (d)  
 Schefferville  
 eP 14 16 09  
 Victoria  
 eP 14 14 28  
 Yellowknife  
 iP 14 14 13

DECEMBER 7  
 Yellowknife  
 iP 14 41 26 c

DECEMBER 7  
 Mould Bay  
 i 15 15 10

DECEMBER 7  
 Mould Bay  
 eP 19 07 32  
 Resolute  
 P 19 07 (29)

DECEMBER 7  
 Penticton  
 iP 19 41 08

DECEMBER 7  
 H = 22 26 41  
 Mag 1.8  
 Penticton  
 iP<sub>1</sub> 22 27 08.5  
 iS<sub>1</sub> 22 27 29.5  
 D = 172 km

DECEMBER 7  
 Resolute  
 eP 23 05 33 (d)

DECEMBER 7  
 U.S.C.G.S.  
 13.9N, 120.6E  
 Near west coast of  
 Central Luzon, P.I.  
 H = 23 55 03.0  
 h = about 178 km  
 Mould Bay  
 eP 24 07 11 c  
 Resolute  
 P 24 07 38

DECEMBER 8  
 U.S.C.G.S.  
 62.6N, 151.6W  
 Central Alaska  
 H = 01 43 43.8  
 h = about 33 km  
 Mould Bay  
 eP 01 47 43  
 Penticton  
 iP 01 48 38 d  
 Resolute  
 P 01 48 (41)  
 Yellowknife  
 iP 01 47 36

DECEMBER 8  
 U.S.C.G.S.  
 36.5N, 55.0E  
 Northern Iran  
 H = 09 02 54.4  
 h = about 33 km  
 Alert  
 eP 09 12 41  
 Mould Bay  
 eP 09 13 48

DECEMBER 8  
 U.S.C.G.S.  
 37.1N, 95.5E  
 Tsinghai Province,  
 China  
 H = 14 19 00.1  
 h = about 33 km

Mould Bay  
 eP 14 29 37  
 Resolute  
 P 14 30 (04)

DECEMBER 8  
 U.S.C.G.S.  
 23.6S, 69.4W  
 Near coast of  
 northern Chile  
 H = 18 00 41.1  
 h = about 100 km  
 Penticton  
 iP 18 13 08 d  
 Schefferville  
 eP 18 12 30 c  
 Yellowknife  
 iP 18 13 43  
 pP 18 14 06

DECEMBER 8  
 U.S.C.G.S.  
 15.2S, 173.7W  
 Tonga Islands region  
 H = 18 18 29.1  
 h = about 33 km  
 Banff  
 eP 18 30 51 d  
 Mould Bay  
 eP 18 31 57  
 Penticton  
 iP 18 30 36 d  
 Resolute  
 P 18 32 (20)  
 Victoria  
 eP 18 30 23  
 Yellowknife  
 iP 18 31 24

DECEMBER 8  
 U.S.C.G.S.  
 25.8S, 63.4W  
 Salta-Santiago Del  
 Estero Prov. Border,  
 Argentina  
 H = 21 27 22.2  
 h = about 620 km

SEISMOLOGICAL BULLETIN -- 1962

Alert  
 eP 21 40 40  
 Banff  
 eP 21 39 15  
 Halifax  
 iP 21 37 36 c  
 London  
 iP 21 37 36  
 iS 21 46 08  
 Mould Bay  
 eP 21 40 37  
 Penticton  
 iP 21 39 18 c  
 Resolute  
 P 21 40 15  
 Schefferville  
 iP 21 38 31 d  
 Shawinigan Falls  
 iP 21 37 50 d  
 Victoria  
 eP 21 39 25  
 Yellowknife  
 eP 21 39 47

DECEMBER 8  
 U.S.C.G.S.  
 50.5N, 176.8W  
 Andreanof Island,  
 Aleutian Islands  
 H = 22 55 01.2  
 h = about 33 km  
 Alert  
 eP 23 03 01  
 Banff  
 eP 23 02 15  
 Halifax  
 iP 23 06 05 (c)  
 Mould Bay  
 eP 23 01 43 c  
 Penticton  
 iP 23 02 02 d  
 Resolute  
 P 23 02 35  
 Schefferville  
 eP 23 05 06  
 Shawinigan Falls  
 eP 23 05 28  
 Victoria  
 eP 23 01 45

DECEMBER 8  
 Penticton  
 iP 23 26 13 d

DECEMBER 9  
 Mould Bay  
 eP 03 36 39

DECEMBER 9  
 Resolute  
 e 05 46 49

DECEMBER 9  
 H = 10 08 57  
 Mag 2.8  
 Penticton  
 eP<sub>N</sub> 10 09 38.7  
 eS<sub>N</sub> 10 10 13.5  
 D = 285 km

DECEMBER 9  
 U.S.C.G.S.  
 43.5N, 147.3E  
 Kurile Islands region  
 H = 10 17 39.5  
 h = about 34 km  
 Penticton  
 iP 10 27 48 d  
 Resolute  
 P 10 27 09  
 Yellowknife  
 eP 10 27 15

DECEMBER 9  
 U.S.C.G.S.  
 22.4S, 177.0W  
 Tonga Islands region  
 H = 14 16 05.2  
 H = about 204 km  
 Penticton  
 iP 14 28 33 d

DECEMBER 9  
 Mould Bay  
 eP 14 59 56  
 Resolute  
 P 15 00 (23)

DECEMBER 9  
 U.S.C.G.S.  
 17.7S, 173.6W  
 Tonga Islands region  
 H = 20 54 13.7  
 h = about 60 km  
 Mag 5.2 (CGS)  
 Penticton  
 eP 21 06 28

DECEMBER 9  
 U.S.C.G.S.  
 39.9N, 140.5E  
 Northern Honshu,  
 Japan  
 H = 21 17 02.0  
 h = about 33 km  
 Mould Bay  
 eP 21 26 24  
 Penticton  
 eP 21 27 45  
 Resolute  
 P 21 27 06

DECEMBER 10  
 Mould Bay  
 eP 00 30 27 d

DECEMBER 10  
 Resolute  
 P 05 09 16

DECEMBER 10  
 U.S.C.G.S.  
 28.3S, 62.7E  
 Indian Ocean  
 H = 04 56 19.4  
 h = about 33 km  
 Alert  
 eP' 05 15 11 d  
 Banff  
 eP' 05 16 10  
 London  
 iP' 05 16 02  
 Mould Bay  
 eP' 05 15 29  
 Penticton  
 iP' 05 16 15 c  
 Resolute  
 P' 05 15 30  
 Schefferville  
 eP' 05 15 36





DOMINION OBSERVATORIES

Shawinigan Falls  
 eP' 05 15 (43)  
 Victoria  
 eP' 05 16 (20)  
 e 05 16 54  
 Yellowknife  
 iP' 05 15 54 d

DECEMBER 10  
 Pentiction  
 eP 10 24 33

DECEMBER 10  
 Pentiction  
 iP 10 40 07

DECEMBER 10  
 U.S.C.G.S.  
 49.7N, 155.8E  
 Kurile Islands region  
 H = 16 09 58.3  
 Alert  
 eP 16 18 23 c  
 Mould Bay  
 eP 16 17 40 c  
 Resolute  
 eP 16 18 30 d  
 Yellowknife  
 eP 16 18 32

DECEMBER 10  
 Resolute  
 eP 16 54 48

DECEMBER 10  
 U.S.C.G.S.  
 27.2S, 176.8W  
 Kermadec Islands region  
 H = 16 56 04.5  
 h = about 88 km  
 Banff  
 eP 17 09 16  
 Pentiction  
 iP 17 09 03 d  
 Victoria  
 eP 17 08 52

DECEMBER 11  
 U.S.C.G.S.  
 48.9S, 124.6E  
 About 2000 km south  
 of Australia  
 H = 02 34 09.7  
 h = about 33 km  
 Resolute  
 P' 02 53 54  
 Yellowknife  
 eP' 02 53 43

DECEMBER 11  
 Pentiction  
 iP 05 05 05

DECEMBER 11  
 Canadian Arctic  
 H = 13 19 47  
 Mag 3.9  
 Resolute  
 P<sub>n</sub> 13 21 04  
 S<sub>n</sub> 13 22 06  
 L<sub>g</sub> 13 22 46  
 D = 665 km

DECEMBER 11  
 U.S.C.G.S.  
 39.1N, 144.3E  
 Off east coast of  
 Honshu, Japan  
 H = 16 14 47.1  
 h = about 44 km  
 Resolute  
 eP 16 24 51 c

DECEMBER 11  
 Pentiction  
 eP 17 16 47

DECEMBER 12  
 U.S.C.G.S.  
 33.0N, 136.0E  
 Southern Honshu,  
 Japan  
 H = 00 02 58.4  
 h = about 407 km

Banff  
 eP 00 13 59  
 Mould Bay  
 eP 00 12 35  
 Pentiction  
 iP 00 13 53 d  
 Resolute  
 P 00 13 (13)  
 Victoria  
 eP 00 13 43

DECEMBER 12  
 U.S.C.G.S.  
 4.8S, 153.8E  
 New Britain  
 H = 10 08 48.5  
 h = about 94 km  
 Alert  
 pP 10 22 58  
 Banff  
 eP 10 21 59  
 Halifax  
 pP 10 28 17 c  
 Mould Bay  
 eP 10 21 57  
 pP 10 22 27  
 Pentiction  
 eP 10 21 47  
 Resolute  
 pP 10 22 (56)  
 Victoria  
 pP 10 22 04  
 Yellowknife  
 eP 10 21 (59)  
 pP 10 22 30

DECEMBER 12  
 Yellowknife  
 e 10 38 54

DECEMBER 12  
 U.S.C.G.S.  
 39.6N, 140.5E  
 Northern Honshu,  
 Japan  
 H = 11 29 39.5  
 h = about 66 km  
 Pentiction  
 iP 11 40 26

SEISMOLOGICAL BULLETIN - 1962

DECEMBER 12  
 U.S.C.G.S.  
 60.3S, 25.9W  
 Sandwich Islands region  
 H = 13 56 32.4  
 h = about 33 km  
 Alert  
 eP' 14 16 03  
 Mould Bay  
 eP' 14 16 11  
 Pentiction  
 eP' 14 15 46  
 Resolute  
 P' 14 15 (59)  
 Yellowknife  
 eP' 14 15 56

DECEMBER 12  
 Alert  
 i 20 00 49

DECEMBER 12  
 U.S.C.G.S.  
 4.6N, 96.5E  
 Sumatra  
 H = 22 56 45.8  
 h = about 138 km  
 Alert  
 eP 23 09 42  
 Mould Bay  
 eP 23 10 02  
 Pentiction  
 iP' 23 15 17 c

DECEMBER 13  
 U.S.C.G.S.  
 7.2N, 93.1E  
 Nicobar Islands  
 H = 00 25 02.5  
 h = about 33 km  
 Alert  
 eP 00 37 55 d

DECEMBER 13  
 U.S.C.G.S.  
 63.3N, 149.7W  
 South-Central Alaska  
 H = 04 21 21.2  
 h = about 47 km

Alert  
 eP 04 27 06  
 Banff  
 eP 04 26 10  
 Mould Bay  
 eP 04 25 08  
 Pentiction  
 eP 04 26 08  
 Resolute  
 eP 04 26 09 d  
 Shawinigan Falls  
 eP 04 29 28  
 Victoria  
 iP 04 26 04 c  
 Yellowknife  
 eP 04 25 01

DECEMBER 13  
 Mould Bay  
 iP 07 00 57 d

DECEMBER 13  
 U.S.C.G.S.  
 61.4N, 147.2W  
 Kenai Peninsula,  
 Alaska  
 H = 14 57 27.9  
 h = about 69 km  
 Alert  
 eP 15 03 22  
 Banff  
 eP 15 01 57 c  
 Halifax  
 eP 15 06 10  
 Mould Bay  
 eP 15 01 (28)  
 Pentiction  
 eP 15 01 52  
 Resolute  
 P 15 02 22  
 Schefferville  
 eP 15 04 59 c  
 Shawinigan Falls  
 iP 15 05 26  
 Yellowknife  
 eP 15 00 54

DECEMBER 13  
 U.S.C.G.S.  
 63.3N, 149.7W  
 South-Central Alaska  
 H = 04 21 21.2  
 h = about 47 km

DECEMBER 13  
 49.1°N, 120.7°W  
 Near Copper  
 Mountain  
 H = 16 35 08  
 Mag 2.1  
 Pentiction  
 iP<sub>1</sub> 16 35 18.5  
 iS<sub>1</sub> 16 35 27.2  
 D = 67 km  
 Victoria  
 iP<sub>n</sub> 16 35 41.0  
 iS<sub>n</sub> 16 36 06.8  
 D = 217 km

DECEMBER 13  
 U.S.C.G.S.  
 35.2N, 28.3E  
 Dodecanese Islands  
 H = 22 45 28.4  
 h = about 39 km  
 Mould Bay  
 eP 22 56 18

DECEMBER 14  
 Mould Bay  
 eP 13 09 07

DECEMBER 14  
 U.S.C.G.S.  
 41.8N, 141.1E  
 Northern Honshu,  
 Japan  
 H = 13 06 52.3  
 h = about 97 km  
 Alert  
 eP 13 16 19  
 Mould Bay  
 eP 13 15 54  
 Resolute  
 eP 13 16 37 c

DECEMBER 14  
 U.S.C.G.S.  
 50.3N, 90.6E  
 Outer Mongolia -  
 U.S.S.R. Border  
 H = 16 52 49.8  
 h = about 33 km



DOMINION OBSERVATORIES

Mould Bay  
iP 17 01 58  
Penticton  
eP 17 04 47  
Shawinigan Falls  
eP 17 05 10

DECEMBER 14  
U.S.C.G.S.  
43.8N, 148.3E  
Kurile Islands  
H = 18 01 30.8  
h = about 125 km  
Mould Bay  
eP 18 10 01  
Resolute  
eP 18 10 47 d

DECEMBER 14  
Mould Bay  
eP 19 55 32 d

DECEMBER 15  
Probably about 15 miles  
from Sept Iles, Quebec.  
Felt at Sept Iles  
H = 00 58 32  
Mag 4.6  
Montreal  
P<sub>n</sub> 01 00 05  
S<sub>n</sub> 01 01 13  
L<sub>g</sub> 01 01 50  
D = about 715 km

DECEMBER 15  
U.S.C.G.S.  
67.2N, 13.7E  
Near coast of  
Central Norway  
H = 03 48 38.0  
h = about 33 km  
Mould Bay  
eP 03 55 19

DECEMBER 15  
Mould Bay  
eP 04 50 13

DECEMBER 15  
U.S.C.G.S.  
40.7N, 117.5W  
Nevada  
H = 06 34 58.6  
h = about 33 km  
Mag 4 1/2 - 4 3/4  
(PAS)  
Mould Bay  
eP 06 41 51  
Penticton  
eP 06 37 10  
Resolute  
eP 06 41 (57)

DECEMBER 15  
Penticton  
eP 14 37 22

DECEMBER 15  
Mould Bay  
iP 19 47 46

DECEMBER 15  
Mould Bay  
eP 23 28 50

DECEMBER 16  
Alert  
i 03 09 22

DECEMBER 16  
U.S.C.G.S.  
36.2N, 71.3E  
Hindu Kush  
H = 06 34 15.6  
h = about 145 km  
Mould Bay  
eP 06 44 (58)

DECEMBER 16  
Dominion Observatory  
86°N, 0°  
About 275 miles from  
the North Pole in the  
direction of Greenwich  
H = 13 28 52  
Mag 4.4

Alert  
P<sub>n</sub> 13 30 36  
S<sub>n</sub> 13 31 51  
D = 807 km  
Mould Bay  
P<sub>n</sub> 13 32 52  
D = 1925 km  
Resolute  
P<sub>n</sub> 13 32 47  
e 13 35 45  
D = 1882 km

DECEMBER 16  
Mould Bay  
eP 18 30 02

DECEMBER 16  
Penticton  
eP 19 15 20

DECEMBER 16  
Penticton  
eP 20 00 38

DECEMBER 16  
Penticton  
eP 20 44 49

DECEMBER 16  
Penticton  
eP 21 39 16

DECEMBER 16  
Mould Bay  
eP 22 31 32  
Penticton  
iP 22 28 50 c

DECEMBER 16  
Penticton  
eP 23 15 01

DECEMBER 17  
U.S.C.G.S.  
2.1N, 122.9E  
Celebes Sea  
H = 11 00 16.0  
h = about 393 km

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Alert  
eP 11 12 57  
London  
iP' 11 18 40  
i 11 21 24  
Mould Bay  
eP 11 12 52 c  
Penticton  
eP 11 13 46  
Resolute  
eP 11 13 17  
Schefferville  
eP 11 18 26  
Shawinigan Falls  
eP' 11 18 40  
Victoria  
eP 11 13 37

DECEMBER 17  
U.S.C.G.S.  
38.0N, 106.1E  
Ninsia Prov.,  
China  
H = 17 25 40.8  
h = about 33 km  
Mould Bay  
eP 17 36 03  
Resolute  
eP 17 36 (31)

DECEMBER 17  
Mould Bay  
eP 19 39 23  
Resolute  
eP 19 39 10 d

DECEMBER 17  
Mould Bay  
eP 20 28 48

DECEMBER 17  
Resolute  
eP 20 28 35

DECEMBER 17  
Resolute  
eP 20 44 27

DECEMBER 18  
U.S.C.G.S.  
39.8N, 71.4E  
Kirghiz, S.S.R.  
H = 02 06 09.2  
h = about 77 km  
Mould Bay  
eP 02 16 36 c  
Penticton  
iP 02 19 06  
Resolute  
eP 02 16 (44)

DECEMBER 18  
U.S.C.G.S.  
21.6N, 143.1E  
Mariana Islands region  
H = 02 54 47.1  
h = about 306 km  
Mag 5.0 (CGS)  
Alert  
iP 03 05 58 d  
Mould Bay  
iP 03 05 32 d  
Penticton  
iP 03 06 16  
Resolute  
iP 03 06 08 d  
Victoria  
eP 03 06 04

DECEMBER 18  
U.S.C.G.S.  
2.7N, 129.1E  
Halmahera region  
H = 12 37 16.1  
h = about 96 km  
Mould Bay  
eP 12 50 17  
Resolute  
eP 12 50 45 d

DECEMBER 18  
Mould Bay  
eP 07 38 33  
Shawinigan Falls  
e(P) 07 32 23

DECEMBER 18  
Penticton  
eP 14 30 50

DECEMBER 18  
Canadian Arctic  
H = 10 37 43.5  
Mag 2.2  
Resolute  
P<sub>1</sub> 10 37 54  
S<sub>1</sub> 10 38 02  
D = 65.6 km

DECEMBER 18  
Penticton  
eP 10 43 58

DECEMBER 18  
U.S.C.G.S.  
28.3S, 178.2W  
Kermadec Islands  
H = 10 33 58.4  
h = about 214 km  
Alert  
eP' 10 52 24  
Mould Bay  
eP' 10 52 04  
Penticton  
eP 10 46 49  
Resolute  
eP' 10 52 13 d  
Victoria  
eP 10 46 39



DOMINION OBSERVATORIES

DECEMBER 18  
Mould Bay  
eP 15 01 00  
i 15 01 45

DECEMBER 18  
U.S.C.G.S.  
43.7N, 147.0E  
East of Hokkaido,  
Japan  
H = 20 47 41.5  
h = about 80 km  
Resolute  
eP 20 57 (03)

DECEMBER 18  
Mould Bay  
eP 22 53 57  
Penticton  
iP 22 55 06 c  
Resolute  
eP 22 54 (51)

DECEMBER 18  
Mould Bay  
eP 22 59 17

DECEMBER 19  
H = 04 48 34  
Mag 2.3  
Penticton  
iP<sub>n</sub> 04 49 13.5  
iS<sub>n</sub> 04 49 46.1  
D = 267 km

DECEMBER 19  
U.S.C.G.S.  
51.5N, 170.8W  
Fox Islands,  
Aleutian Islands  
H = 05 17 18.1  
h = about 33 km  
Mould Bay  
iP 05 23 41 c  
Resolute  
eP 05 24 (31)  
Schefferville  
eP 05 27 00

DECEMBER 19  
Mould Bay  
eP 11 33 (05)

DECEMBER 19  
Mould Bay  
eP 12 49 21 c  
Resolute  
e(P) 12 49 (54)

DECEMBER 19  
U.S.C.G.S.  
4.7S, 154.0E  
Solomon Islands  
H = 12 56 19.7  
h = about 98 km  
Mould Bay  
eP 13 09 27  
pP 13 09 57

DECEMBER 19  
Mould Bay  
iP 17 41 55  
Resolute  
e(P) 17 42 (44)

DECEMBER 20  
Banff  
eP<sub>n</sub> 00 40 42.8  
eS<sub>n</sub> 00 41 30.3  
D = 390 km  
Penticton  
eP<sub>n</sub> 00 40 48.4  
eS<sub>n</sub> 00 41 51.6  
D = 436 km

DECEMBER 20  
Mould Bay  
eP 02 14 23

DECEMBER 20  
Penticton  
eP 03 10 12

DECEMBER 20  
52.8°N, 59.4°W  
About 60 miles south-  
west of Goose Bay,  
Labrador, Nfld.  
H = 04 23 12  
h = 0  
Mag 4.4

Halifax  
Lg 04 28 00  
D = 1020 km  
Ottawa  
Lg 04 29 53  
D = 1422 km  
Resolute  
Lg 04 36 30  
D = 2830 km  
Schefferville  
P<sub>n</sub> 04 24 24  
i 04 24 25.5  
iP<sub>1</sub> 04 24 35  
i 04 24 59.5  
S<sub>n</sub> 04 25 17  
S<sub>1</sub> 04 25 40  
D = 525 km

DECEMBER 20  
U.S.C.G.S.  
20.0S, 174.1W  
Tonga Islands region  
H = 08 32 37.3  
h = about 33 km  
Penticton  
eP 08 45 08

DECEMBER 20  
U.S.C.G.S.  
23.4S, 179.3E  
Fiji Islands region  
H = 08 47 23.3  
h = about 512 km  
Mould Bay  
eP' 09 04 48  
Penticton  
eP 08 59 31

DECEMBER 20  
U.S.C.G.S.  
61.8S, 161.2E  
Balleny Islands  
region  
H = 18 20 55.8  
h = about 29 km  
Mould Bay  
eP' 18 40 31  
Resolute  
eP' 18 40 (45)

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DECEMBER 20  
U.S.C.G.S.  
17.8N, 144.6E  
Mariana Islands  
region  
H = 19 32 27.4  
h = about 33 km  
Mould Bay  
eP 19 44 02

DECEMBER 20  
Resolute  
eP 22 18 (46)

DECEMBER 20  
Resolute  
eP 23 54 (39)

DECEMBER 21  
U.S.C.G.S.  
9.0S, 112.4E  
Near south of Java  
H = 00 44 19.7  
h = about 64 km  
Banff  
eP' 01 03 09  
Halifax  
iP' 01 03 50 c  
London  
iP' 01 03 48 c  
Mould Bay  
eP 00 58 31  
Ottawa  
iP' 01 03 46  
Penticton  
iP' 01 03 08 c  
Resolute  
eP' 01 02 50 c  
Schefferville  
eP' 01 03 34  
Shawinigan Falls  
eP' 01 03 46  
Victoria  
eP' 01 03 04  
Yellowknife  
iP' 01 02 57

DECEMBER 21  
U.S.C.G.S.  
51.2N, 179.8E  
Andreanof Islands,  
Aleutian Islands  
H = 02 11 20.7  
h = about 60 km  
Mould Bay  
eP 02 18 00

DECEMBER 21  
U.S.C.G.S.  
52.8N, 168.8W  
Fox Islands,  
Aleutian Islands  
H = 07 07 05.9  
h = about 33 km  
Mould Bay  
eP 07 13 13

DECEMBER 21  
U.S.C.G.S.  
15.4N, 121.8E  
Central Luzon,  
Philippine Islands  
H = 03 28 35.3  
h = about 46 km  
Mould Bay  
eP 03 40 50  
Resolute  
eP 03 41 18 d

DECEMBER 21  
Penticton  
eP 04 43 02.8

DECEMBER 21  
U.S.C.G.S.  
52.5N, 168.7W  
Fox Islands,  
Aleutian Islands  
H = 06 27 49.1  
h = about 33 km  
Alert  
eP 06 35 25  
London  
eP 06 37 (26)  
Mould Bay  
eP 06 33 58  
Ottawa  
eP 06 37 34  
Penticton  
iP 06 34 04  
Resolute  
eP 06 34 48  
Schefferville  
eP 06 37 (20)  
Shawinigan Falls  
eP 06 37 40  
Yellowknife  
eP 06 33 55

DECEMBER 21  
U.S.C.G.S.  
17.0S, 173.4W  
Tonga Islands region  
H = 06 45 26.5  
h = about 53 km  
Mould Bay  
eP 07 00 29

DECEMBER 21  
U.S.C.G.S.  
52.8N, 168.8W  
Fox Islands,  
Aleutian Islands  
H = 07 07 05.9  
h = about 33 km  
Mould Bay  
eP 07 13 13

DECEMBER 21  
Dominion Observatory  
69.6°N±2.0°,  
146.7W±5.0°  
North coast of Alaska  
H = 07 46 20  
Mag 4.4  
Alert  
Not recorded  
Mould Bay  
P 07 48 43  
S 07 50 28  
D = 1125 km  
Resolute  
P 07 49 58  
S 07 52 40  
D = 1750 km

DECEMBER 21  
U.S.C.G.S.  
52.8N, 168.6W  
Fox Islands,  
Aleutian Islands  
H = 08 36 53.9  
h = about 33 km  
Mould Bay  
eP 08 43 01



DOMINION OBSERVATORIES

DECEMBER 21  
 U.S.C.G.S.  
 52.4N, 168.5W  
 Fox Islands,  
 Aleutian Islands  
 H = 08 42 48.3  
 h = about 33 km  
 Mag 6 1/4 (BRK)  
 6 1/2 (PAS)  
 6 3/4 (PAL)

Alert  
 eP 08 50 25  
 S 08 56 42  
 Banff  
 eP 08 49 15  
 Halifax  
 eP 08 53 20  
 London  
 iP 08 52 25 c  
 Mould Bay  
 eP 08 48 57 c  
 Ottawa  
 eP 08 52 23  
 Penticton  
 eP 08 49 01  
 Resolute  
 eP 08 49 47  
 Schefferville  
 eP 08 52 18 c  
 Shawinigan Falls  
 iP 08 52 38 d  
 Victoria  
 eP 08 48 43  
 Yellowknife  
 iP 08 48 53

Ottawa  
 iP 09 10 26  
 Penticton  
 iP 09 06 54  
 Resolute  
 eP 09 07 40  
 Yellowknife  
 iP 09 06 47 (d)

DECEMBER 21  
 U.S.C.G.S.  
 52.5N, 168.5W  
 Fox Islands,  
 Aleutian Islands  
 H = 09 10 01.6  
 h = about 33 km  
 Alert  
 eP 09 17 (38)  
 Banff  
 eP 09 16 27  
 Mould Bay  
 eP 09 16 09  
 S 09 22 55  
 Ottawa  
 eP 09 19 46  
 Penticton  
 eP 09 16 11  
 Resolute  
 iP 09 17 02 d  
 Schefferville  
 eP 09 19 32 d  
 Shawinigan Falls  
 iP 09 19 50 c  
 Yellowknife  
 iP 09 16 07 c

DECEMBER 21  
 U.S.C.G.S.  
 52.4N, 168.5W  
 Fox Islands,  
 Aleutian Islands  
 H = 09 00 41.4  
 h = about 33 km  
 Alert  
 eP 09 08 18  
 Banff  
 eP 09 07 08  
 Mould Bay  
 eP 09 06 50  
 S 09 13 32

DECEMBER 21  
 Mould Bay  
 eP 09 26 31  
 Resolute  
 eP 09 27 04

DECEMBER 21  
 U.S.C.G.S.  
 42.4N, 142.3E  
 Near south coast of  
 Hokkaido, Japan  
 H = 09 33 15.5  
 h = about 27 km

Alert  
 iP 09 42 44 d  
 Banff  
 eP 09 43 55  
 Mould Bay  
 eP 09 42 18  
 S 09 49 31  
 Ottawa  
 iP 09 45 54 d  
 Penticton  
 iP 09 43 47 d  
 Resolute  
 iP 09 43 01 d  
 Schefferville  
 eP 09 45 24 (d)  
 Shawinigan Falls  
 iP 09 45 54  
 Victoria  
 iP 09 43 37 d

DECEMBER 21  
 U.S.C.G.S.  
 22.8S, 66.5W  
 Bolivia-Argentina  
 Border region  
 H = 09 42 46.0  
 h = about 200 km  
 Penticton  
 iP 09 55 04  
 Victoria  
 eP 09 55 10

DECEMBER 21  
 Mould Bay  
 eP 12 42 37

DECEMBER 21  
 U.S.C.G.S.  
 52.6N, 168.3W  
 Fox Islands,  
 Aleutian Islands  
 H = 14 40 40.3  
 h = about 16 km  
 Mould Bay  
 eP 14 46 51 c

SEISMOLOGICAL BULLETIN - 1962

DECEMBER 21  
 U.S.C.G.S.  
 52.5N, 168.7W  
 Fox Islands,  
 Aleutian Islands  
 H = 15 10 22.9  
 h = about 33 km  
 Mould Bay  
 eP 15 16 33

DECEMBER 21  
 U.S.C.G.S.  
 52.7N, 168.8W  
 Fox Islands,  
 Aleutian Islands  
 H = 15 28 17.6  
 h = about 49 km  
 Mould Bay  
 eP 15 34 25

DECEMBER 21  
 Mould Bay  
 eP 15 57 50

DECEMBER 21  
 U.S.C.G.S.  
 14.2N, 51.7E  
 Gulf of Aden  
 H = 17 47 30.8  
 h = about 27 km  
 Mould Bay  
 eP 18 00 27

DECEMBER 21  
 U.S.C.G.S.  
 15.3N, 121.7E  
 Near west coast of  
 Luzon, Philippine  
 Islands  
 H = 18 20 44.7  
 h = about 55 km  
 Mould Bay  
 eP 18 32 58  
 Resolute  
 eP 18 33 26 c

DECEMBER 21  
 U.S.C.G.S.  
 52.4N, 168.5W  
 Fox Islands,  
 Aleutian Islands  
 H = 20 27 13.3  
 h = about 40 km  
 Mould Bay  
 eP 20 33 22

DECEMBER 21  
 Alert  
 e(P) 21 34 (51)

DECEMBER 21  
 U.S.C.G.S.  
 0.9S, 80.9W  
 Near coast of  
 Central Ecuador  
 H = 21 27 51.6  
 h = about 33 km

Alert  
 eP 21 40 18  
 London  
 e(P) 21 35 (53)  
 Mould Bay  
 eP 21 39 59  
 Ottawa  
 eP 21 36 14  
 Penticton  
 eP 21 37 58  
 Resolute  
 eP 21 39 35  
 Schefferville  
 eP 21 37 32  
 Yellowknife  
 iP 21 38 47 c

DECEMBER 21  
 Mould Bay  
 eP 22 32 34

DECEMBER 22  
 U.S.C.G.S.  
 22.0S, 170.1E  
 Loyalty Islands region  
 H = 00 52 23.4  
 h = about 33 km  
 Mag 6 1/2 - 6 3/4  
 (PAS)

Alert  
 eP' 01 11 04  
 Halifax  
 eP' 01 11 33 d  
 Mould Bay  
 eP 01 06 (36)  
 eP' 01 10 46  
 Ottawa  
 eP' 01 11 13  
 Penticton  
 eP 01 05 41  
 Resolute  
 eP' 01 10 55  
 Schefferville  
 eP' 01 11 (23)  
 Shawinigan Falls  
 eP' 01 11 18

DECEMBER 22  
 U.S.C.G.S.  
 21.9S, 170.1E  
 Loyalty Islands  
 region  
 H = 01 28 48.9  
 h = about 33 km  
 Ottawa  
 eP 01 47 41  
 Shawinigan Falls  
 eP 01 47 44

DECEMBER 22  
 U.S.C.G.S.  
 9.2S, 112.4E  
 Near south coast of  
 Java  
 H = 01 59 50.3  
 h = about 69 km

Banff  
 iP' 02 18 41 c  
 Halifax  
 eP' 02 19 21 d  
 London  
 eP' 02 19 21 c  
 Mould Bay  
 eP 02 14 04  
 Ottawa  
 eP' 02 19 17  
 Penticton  
 iP' 02 18 39



DOMINION OBSERVATORIES

Resolute  
eP' 02 18 22 c

Schefferville  
eP' 02 19 (05)

Shawinigan Falls  
eP' 02 19 15

Yellowknife  
iP' 02 18 29 c

DECEMBER 22  
U.S.C.G.S.  
1.1S, 81.0W  
Near coast of  
Ecuador  
H = 06 35 57.1  
h = about 33 km  
Mould Bay  
eP 06 48 06 c

Penticton  
iP 06 46 07 c

DECEMBER 22  
U.S.C.G.S.  
0.9N, 125.8E  
Molucca Sea  
H = 09 24 41.5  
h = about 33 km  
Mould Bay  
eP 09 38 02

DECEMBER 22  
Shawinigan Falls  
eP 10 51 29

DECEMBER 22  
Penticton  
eP 11 07 41

DECEMBER 22  
U.S.C.G.S.  
15.1S, 173.0W  
Samoa Islands region  
H = 11 28 03.4  
h = about 55 km  
Penticton  
iP 11 40 07

DECEMBER 22  
U.S.C.G.S.  
4.7N, 125.7E  
Near south coast of  
Mindanao, Philippine  
Islands  
H = 14 09 29.7  
h = about 18 km  
Mould Bay  
eP 14 22 (32)

DECEMBER 22  
Mould Bay  
eP 15 22 18

DECEMBER 22  
U.S.C.G.S.  
52.5N, 168.8W  
Fox Islands,  
Aleutian Islands  
H = 15 20 31.0  
h = about 47 km  
Mag 6 1/4 (PAS)  
Alert  
eP 15 28 06 c  
S 15 33 58  
Banff  
eP 15 26 58  
Halifax  
eP 15 31 02 (C)  
London  
eP 15 30 07 (d)  
Mould Bay  
eP 15 26 39  
Ottawa  
eP 15 30 15  
Penticton  
eP 15 26 43  
Resolute  
eP 15 27 30  
Schefferville  
iP 15 30 00 d  
Shawinigan Falls  
eP 15 30 20  
Victoria  
eP 15 26 27  
Yellowknife  
iP 15 26 34

DECEMBER 22  
Penticton  
eP 15 43 14

DECEMBER 22  
Mould Bay  
iP 15 58 17

DECEMBER 23  
U.S.C.G.S.  
41.3N, 20.4E  
Albanian-Yugoslavia  
Border region  
H = 00 43 56.3  
h = about 33 km  
Mould Bay  
eP 00 54 01

DECEMBER 23  
Mould Bay  
eP 02 40 53

DECEMBER 23  
U.S.C.G.S.  
37.9N, 73.1E  
Hindu Kush  
H = 06 28 07.0  
h = about 196 km  
Mould Bay  
iP 06 38 32 d  
Yellowknife  
eP 06 39 54 d

DECEMBER 23  
U.S.C.G.S.  
26.7N, 116.4E  
Fukien Province,  
China  
H = 08 20 09.2  
h = about 33 km  
Mould Bay  
iP 08 31 30

DECEMBER 23  
Resolute  
e(P) 10 02 35

SEISMOLOGICAL BULLETIN - 1962

DECEMBER 23  
U.S.C.G.S.  
15.3N, 121.7E  
Near east coast of  
Luzon, Philippine  
Islands  
H = 10 21 55.3  
H = about 52 km  
Mould Bay  
eP 10 34 09

Resolute  
eP 10 34 38

DECEMBER 23  
U.S.C.G.S.  
52.5N, 168.9W  
Fox Islands,  
Aleutian Islands  
H = 10 48 14.1  
h = about 53 km  
Mould Bay  
iP 10 54 23

Schefferville  
eP 10 57 43

Yellowknife  
eP 10 54 18

DECEMBER 23  
Mould Bay  
eP 11 44 41

DECEMBER 23  
U.S.C.G.S.  
52.5N, 168.3W  
Fox Islands,  
Aleutian Islands  
H = 15 04 37.6  
h = about 33 km  
Mould Bay  
eP 15 10 46

DECEMBER 23  
U.S.C.G.S.  
38.1S, 179.4W  
Off north coast of  
North Island,  
New Zealand  
H = 15 34 30.5  
h = about 31 km  
Mould Bay  
eP' 15 53 30

DECEMBER 23  
Canadian Arctic  
H = 15 50 10.5  
Mag 2.7  
Mould Bay  
P<sub>n</sub> 15 51 03  
S<sub>n</sub> 15 51 41  
D = 384 km

DECEMBER 23  
Mould Bay  
iP 16 09 07

DECEMBER 23  
U.S.C.G.S.  
52.5N, 169.0W  
Fox Islands,  
Aleutian Islands  
H = 18 52 38.8  
h = about 33 km  
Mould Bay  
eP 18 58 49

DECEMBER 23  
Mould Bay  
eP 19 12 (45)  
i 19 12 49

Resolute  
eP 19 12 31

Yellowknife  
iP 19 12 31 c

DECEMBER 23  
Mould Bay  
eP 19 43 38 d

DECEMBER 23  
Canadian Arctic  
H = 21 41 52.5  
Mag 3.3  
Mould Bay  
P<sub>n</sub> 21 43 14  
S<sub>n</sub> 21 44 13  
D = 625 km

DECEMBER 24  
U.S.C.G.S.  
59.1S, 26.0W  
Sandwich Islands  
region  
H = 00 23 53.1  
h = about 33 km  
Alert  
eP' 00 43 19  
Mould Bay  
eP' 00 43 28  
i 00 43 32

Resolute  
eP' 00 43 13

Yellowknife  
eP' 00 43 15 c

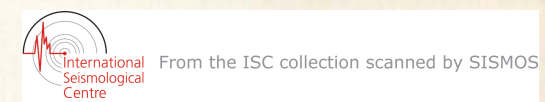
DECEMBER 24  
U.S.C.G.S.  
39.1N, 139.0E  
Near west coast of  
northern Honshu, Japan  
H = 03 42 42.1  
Alert  
eP 03 52 36  
Mould Bay  
eP 03 52 13 c

Resolute  
eP 03 52 54 c

DECEMBER 24  
Mould Bay  
eP 04 03 52

DECEMBER 24  
U.S.C.G.S.  
73.6N, 57.5E  
Novaya Zemlya  
H = 11 11 42.0  
h = about 0  
Mould Bay  
eP 11 17 56 c  
S 11 23 00

DECEMBER 24  
U.S.C.G.S.  
8.4S, 78.7W  
Near coast of  
Central Peru  
H = 17 43 05.3  
h = about 80 km





DOMINION OBSERVATORIES

Mould Bay  
eP 17 55 46 d

DECEMBER 25  
Mould Bay  
eP 02 06 38

DECEMBER 25  
Canadian Arctic  
H = 03 46 08.3  
Mag 2.4  
Alert  
P<sub>1</sub> 03 46 32  
S<sub>1</sub> 03 46 50.0  
D = 148 km

DECEMBER 25  
Schefferville  
eP 06 20 15 d

DECEMBER 25  
Schefferville  
eP 09 05 46

DECEMBER 25  
U.S.C.G.S.  
36.2S, 100.2W  
South Pacific Ocean  
H = 12 09 45.6  
h = about 33 km  
Banff  
eP 12 22 33

DECEMBER 25  
Alert  
eP 13 38 30  
i 13 40 46  
Mould Bay  
eP 13 37 17  
i 13 39 52  
Resolute  
eP 13 38 (09)

DECEMBER 25  
Mould Bay  
iP 13 56 54  
i 13 58 26

DECEMBER 25  
Alert  
eP 18 39 43  
Mould Bay  
iP 18 39 17  
i 18 40 04  
Resolute  
eP 18 40 (21)

DECEMBER 25  
U.S.C.G.S.  
36.7N, 141.0E  
Near east coast of  
Honshu, Japan  
H = 18 57 45.4  
h = about 80 km  
Mould Bay  
eP 19 07 23

DECEMBER 25  
Mould Bay  
eP 20 39 29

DECEMBER 25  
Mould Bay  
iP 21 11 37

DECEMBER 26  
U.S.C.G.S.  
16.6N, 99.2W  
Guerrero, Mexico  
H = 01 19 10.2  
h = about 33 km  
Banff  
eP 01 26 18  
Mould Bay  
eP 01 29 21 c  
Penticton  
iP 01 26 16 d  
Resolute  
eP 01 29 (04)  
Victoria  
eP 01 26 23  
Yellowknife  
e(P) 01 27 42

DECEMBER 26  
Mould Bay  
eP 04 55 57

DECEMBER 26  
U.S.C.G.S.  
52.5N, 168.4W  
Fox Islands,  
Aleutian Islands  
H = 05 28 36.7  
Mould Bay  
eP 05 34 46  
Yellowknife  
eP 05 34 42

DECEMBER 26  
U.S.C.G.S.  
12.8N, 60.9W  
Windward Islands  
H = 06 12 26.5  
h = about 32 km  
Alert  
iP 06 23 34 d  
Mould Bay  
eP 06 23 39 d  
Penticton  
eP 06 22 35  
Resolute  
eP 06 23 (02)  
Victoria  
eP 06 22 49  
Yellowknife  
iP 06 22 46 d

DECEMBER 26  
U.S.C.G.S.  
39.3N, 10.6W  
Off coast of  
Portugal  
H = 08 58 11.1  
h = about 19 km  
Alert  
eP 09 06 38  
Mould Bay  
eP 09 07 53  
Penticton  
iP 09 09 34 c  
Resolute  
eP 09 07 14 d  
Yellowknife  
eP 09 08 28

DECEMBER 26  
Resolute  
eP 10 04 (01)

SEISMOLOGICAL BULLETIN - 1962

DECEMBER 26  
Mould Bay  
eP 12 24 05

DECEMBER 26  
U.S.C.G.S.  
38.6N, 72.8E  
Tadzhik, S.S.R.  
H = 14 58 56.4  
h = about 188 km  
Mould Bay  
iP 15 09 17

DECEMBER 26  
U.S.C.G.S.  
53.9N, 168.7E  
Komandorskie Islands  
H = 22 25 15.5  
h = about 33 km  
Mag 6 1/2 (PAS)  
Alert  
iP 22 33 00  
iS 22 39 11  
Banff  
iP 22 33 21 d  
London  
eP 22 36 (03)  
Mould Bay  
iP 22 32 00 c  
S 22 37 25  
Ottawa  
eP 22 36 04  
Penticton  
iP 22 33 13 d  
Resolute  
eP 22 32 53 d  
Schefferville  
eP 22 35 36 d  
Shawinigan Falls  
iP 22 36 06 c  
Victoria  
iP 22 33 01 d  
Yellowknife  
iP 22 32 38 d

DECEMBER 26  
U.S.C.G.S.  
23.9N, 65.4E  
Arabian Sea  
H = 23 25 16.7  
h = about 34 km

Alert  
eP 23 36 33  
Mould Bay  
iP 23 37 24 d  
Resolute  
eP 23 37 29 d  
Yellowknife  
iP 23 38 31

DECEMBER 26  
U.S.C.G.S.  
54.0N, 168.8E  
Komandorskie Islands  
H = 23 46 14.7  
h = about 33 km  
Alert  
eP 23 53 59 c  
Banff  
iP 23 54 20 c  
London  
eP 23 57 01  
Mould Bay  
eP 23 52 58  
S 23 58 24  
Ottawa  
eP 23 57 02  
Penticton  
iP 23 54 12 c  
Resolute  
eP 23 53 52 c  
Schefferville  
eP 23 56 34 c  
Shawinigan Falls  
eP 23 57 05 c  
Victoria  
iP 23 54 00 c

DECEMBER 27  
Mould Bay  
eP 00 41 47

DECEMBER 27  
U.S.C.G.S.  
53.9N, 168.7E  
Komandorskie Islands  
H = 01 28 47.6  
h = about 33 km  
Mould Bay  
eP 01 35 32 d

DECEMBER 27  
65.6°N, 89.4°W  
Near Wager Bay  
about 200 miles  
northeast of Baker  
Lake, N.W.T.  
H = 04 57 26.2  
Mag 4.7  
Mould Bay  
eP<sub>n</sub> 05 00 40  
(L<sub>g</sub>) 05 04 27  
D = 1535 km  
Resolute  
P<sub>n</sub> 04 59 35.5  
S<sub>n</sub> 05 01 08  
L<sub>g</sub> 05 01 57  
D = 1015 km  
Schefferville  
e 05 04 08  
e 05 05 50  
D = 1675 km  
Yellowknife  
P<sub>n</sub> 05 00 01  
S<sub>n</sub> 05 01 50  
L<sub>g</sub> 05 02 59  
D = 1210 km

DECEMBER 27  
U.S.C.G.S.  
28.6S, 67.4W  
Near coast of  
Central Chile  
H = 11 13 38.2  
h = about 33 km  
Penticton  
eP 11 26 38

DECEMBER 27  
U.S.C.G.S.  
4.9S, 145.1E  
Near north coast of  
New Guinea  
H = 14 02 02.1  
h = about 35 km  
Mould Bay  
eP 14 15 26  
Yellowknife  
eP 14 15 40



DOMINION OBSERVATORIES

DECEMBER 27  
 U.S.C.G.S.  
 39.9N, 142.0E  
 Near west coast of  
 Southern Honshu,  
 Japan  
 H = 18 18 42.0  
 h = about 36 km  
 Alert  
 iP 18 28 29 c  
 Banff  
 eP 18 29 32  
 Mould Bay  
 iP 18 28 02 c  
 S 18 35 34  
 Ottawa  
 eP 18 31 31  
 Penticton  
 eP 18 29 24  
 Resolute  
 iP 18 28 44 c  
 Schefferville  
 eP 18 31 02 c  
 Yellowknife  
 iP 18 28 53 c

DECEMBER 28  
 Mould Bay  
 eP 04 11 03  
 Resolute  
 eP 04 11 (49) (d)

DECEMBER 28  
 Canadian Arctic  
 H = 05 36 02.6  
 Mag 1.6  
 Mould Bay  
 P<sub>1</sub> 05 36 17  
 S<sub>1</sub> 05 36 26  
 D = 109.6 km

DECEMBER 28  
 Mould Bay  
 eP 05 39 40 d  
 Yellowknife  
 eP 05 37 31

DECEMBER 28  
 U.S.C.G.S.  
 48.4N, 113.9W  
 Montana  
 H = 10 01 23.6  
 h = about 33 km  
 Banff  
 iP(1) 10 02 15.0  
 iP(2) 10 02 22  
 iS 10 02 51  
 Penticton  
 iP<sub>n</sub>(1) 10 02 22.4  
 iP<sub>n</sub>(2) 10 02 34.5  
 iS 10 03 17.0  
 Victoria  
 eP<sub>n</sub> 10 02 55.3  
 Yellowknife  
 eP 10 04 42 (c)

DECEMBER 28  
 Mould Bay  
 eP 13 12 33

DECEMBER 28  
 U.S.C.G.S.  
 53.7N, 163.7W  
 Fox Islands,  
 Aleutian Islands  
 H = 14 47 08.1  
 h = about 33 km  
 Alert  
 eP 14 54 30  
 Mould Bay  
 eP 14 52 58 c  
 Penticton  
 eP 14 52 58  
 Resolute  
 eP 14 53 (47)  
 Yellowknife  
 eP 14 52 47

DECEMBER 28  
 U.S.C.G.S.  
 42.9N, 145.4E  
 Off east coast of  
 Hokkaido, Japan  
 H = 19 50 10.7  
 h = about 41 km

Mould Bay  
 eP 19 59 02  
 Penticton  
 iP 20 00 27 c  
 Resolute  
 eP 19 59 47 c

DECEMBER 28  
 Resolute  
 e(P) 21 24 11 d

DECEMBER 29  
 Mould Bay  
 eP 01 41 17

DECEMBER 29  
 U.S.C.G.S.  
 2.4N, 127.1E  
 Halmahera region  
 H = 04 12 09.0  
 h = about 33 km  
 Resolute  
 eP 04 25 48 d  
 Yellowknife  
 eP 04 25 55

DECEMBER 29  
 Canadian Arctic  
 H = 04 20 31  
 Mag 4.2  
 Mould Bay  
 P<sub>n</sub> 04 23 18  
 S<sub>n</sub> 04 25 21  
 D = 1325 km

DECEMBER 29  
 Penticton  
 eP 06 17 32

DECEMBER 29  
 U.S.C.G.S.  
 23.9N, 65.2E  
 Afghanistan  
 H = 08 04 25.7  
 h = about 33 km  
 Mould Bay  
 eP 08 16 34  
 Yellowknife  
 eP 08 17 41

SEISMOLOGICAL BULLETIN - 1962

DECEMBER 29  
 U.S.C.G.S.  
 20.0S, 69.9W  
 Northern Chile  
 H = 10 41 04.1  
 h = about 46 km  
 Mag 6 3/4 (PAS)  
 6 1/2 (BRK)  
 6 (PAL)  
 Alert  
 eP 10 54 56  
 Banff  
 eP 10 53 16 c  
 Halifax  
 eP 10 51 39 (c)  
 London  
 iP 10 51 32 c  
 Mould Bay  
 eP 10 54 48  
 Ottawa  
 iP 10 51 44 c  
 Penticton  
 iP 10 53 21 c  
 Resolute  
 eP 10 54 (29)  
 Schefferville  
 eP 10 52 40 c  
 Shawinigan Falls  
 iP 10 51 51 c  
 Victoria  
 eP 10 53 27  
 Yellowknife  
 iP 10 53 57 c

DECEMBER 29  
 U.S.C.G.S.  
 31.2S, 177.9W  
 Kermadec Islands  
 region  
 H = 14 47 41.4  
 h = about 43 km  
 Mag 6 - 6 1/4 (PAS)  
 Alert  
 eP' 15 06 (35)  
 Penticton  
 eP 15 01 02  
 Resolute  
 eP' 15 06 (25)

DECEMBER 29  
 Penticton  
 eP 15 14 51  
 DECEMBER 30  
 Mould Bay  
 eP 02 35 08  
 DECEMBER 30  
 U.S.C.G.S.  
 15.4N, 119.7E  
 West of Luzon,  
 Philippine Islands  
 H = 07 07 10.5  
 h = about 33 km  
 Mould Bay  
 eP 07 19 29 d  
 Resolute  
 e(P) 07 19 57

DECEMBER 30  
 U.S.C.G.S.  
 36.8N, 72.3E  
 Hindu Kush  
 H = 15 25 40.3  
 h = about 232 km  
 Mould Bay  
 eP 15 36 10 d

DECEMBER 30  
 Mould Bay  
 eP 18 06 20

DECEMBER 30  
 U.S.C.G.S.  
 4.7S, 153.7E  
 New Britain  
 H = 18 16 21.4  
 h = about 116 km  
 Alert  
 i 18 40 32  
 Mould Bay  
 eP 18 29 26

DECEMBER 30  
 Mould Bay  
 iP 20 44 34

DECEMBER 30  
 U.S.C.G.S.  
 5.0N, 125.8E  
 Banda Sea  
 H = 21 16 42.5  
 h = about 33 km  
 Mould Bay  
 eP 21 29 44

DECEMBER 30  
 U.S.C.G.S.  
 42.6N, 144.3E  
 Near south coast of  
 Hokkaido, Japan  
 H = 22 08 38.3  
 h = about 86 km  
 Mould Bay  
 eP 22 17 29  
 Resolute  
 eP 22 18 13

DECEMBER 31  
 U.S.C.G.S.  
 52.5N, 160.8E  
 Near east coast of  
 Kamchatka  
 H = 08 00 23.8  
 h = about 51 km  
 Alert  
 eP 08 08 23

Mould Bay  
 eP 08 07 (33)  
 Penticton  
 eP 08 08 57

Resolute  
 eP 08 08 26 d  
 Yellowknife  
 eP 08 08 21

DECEMBER 31  
 U.S.C.G.S.  
 62.5N, 149.5W  
 Central Alaska  
 H = 15 42 23.0  
 h = 113 km  
 Mould Bay  
 eP 15 46 19  
 Penticton  
 iP 15 46 59 c





DOMINION OBSERVATORIES

Resolute  
e(P) 15 47 (14)  
Yellowknife  
eP 15 46 01

DECEMBER 31

U.S.C.G.S.  
15.3N, 121.5E  
Luzon, Philippine  
Islands  
H = 18 28 24.6  
h = about 67 km

Mould Bay  
eP 18 40 37

Resolute  
e(P) 18 41 05 d

DECEMBER 31

U.S.C.G.S.  
47.1N, 122.0W  
Pierce County,  
Washington  
H = 20 49 35.3  
h = about 33 km

Alert  
eP 20 57 (05)

Mould Bay  
eP 20 55 35 c

Resolute  
eP 20 55 (40)

Victoria  
iP<sub>n</sub> 20 50 01.4  
iS 20 50 21

Yellowknife  
eP 20 53 13

DECEMBER 31

Canadian Arctic  
H = 21 09 25.2  
Mag 1.3

Mould Bay  
P<sub>1</sub> 21 09 38  
S<sub>1</sub> 21 09 46  
D = 97.5 km

DECEMBER 31

Shawinigan Falls  
iP 23 47 58 d

SEISMOLOGICAL BULLETIN - 1962

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the last quarter of 1962. The times of observed phases are given in their respective chronological positions in the text of this bulletin. M = magnitude.

OCTOBER 3 03 47 22. 75.9°N ± 1.0°, 106.4°W ± 2.0°. Depth 10 km  
M = 3.1. Near the northeast coast of Melville Island, N.W.T.

OCTOBER 3 07 40 27. 66.2°N ± 1.0°, 132.6°W ± 3.0°. M = 4.7.  
About 150 miles south of Inuvik, N.W.T.

OCTOBER 4 15 07 24. M = 1.7. 51 miles from Mould Bay, N.W.T.

OCTOBER 22 18 04 17. 73.8°N ± 0.5°, 97.5°W ± 2.0°. Depth 30.5  
km. M = 3.4. Near the east coast of Prince of Wales Island, N.W.T.

OCTOBER 26 10 29 20. 60.8°N ± 1.0°, 57.5°W ± 2.0°. M = 5.0.  
Davis Strait, about 250 miles east of Resolution Island, N.W.T.

OCTOBER 27 09 57 17. 65.0°N ± 2.0°, 135.0°W ± 4.5°. M = 4.6.  
Peel River watershed, Yukon Territory.

NOVEMBER 5 09 01 28. Depth about 16 km. M = 2.6. 205 miles  
from Resolute, N.W.T.

NOVEMBER 18 11 40 55. M = 2.1. 89 miles from Resolute, N.W.T.

NOVEMBER 24 21 17 41. M = 1.8. 25 miles from Resolute, N.W.T.

NOVEMBER 30 09 39 29. 74.7°N ± 2.0°, 103.5°W ± 2.0°. Depth  
34 km. M = 3.4. 35 miles southeast of Byam Martin Island, N.W.T.

DECEMBER 2 14 00 57. 60.9°N ± 1.0°, 58.3°W ± 2.0°. M = 4.5.  
Davis Strait.

DECEMBER 11 13 19 47. M = 3.9. 413 miles from Resolute, N.W.T.

DECEMBER 18 10 37 44. M = 2.2. 41 miles from Resolute, N.W.T.

DECEMBER 23 15 50 11. M = 2.7. 238 miles from Mould Bay,  
N.W.T.

DECEMBER 23 21 41.53. M = 3.3. 388 miles from Mould Bay,  
N.W.T.

DECEMBER 25 03 46 08. M = 2.4. 92 miles from Alert, N.W.T.

DECEMBER 27 04 57 26. 65.6°N ± 0.5°, 89.4°W ± 1.0°. M = 4.7.  
Near Wager Bay, about 200 miles northeast of Baker Lake, N.W.T.



DOMINION OBSERVATORIES

Resolute  
e(P) 15 47 (14)  
Yellowknife  
eP 15 46 01

DECEMBER 31

U.S.C.G.S.  
15.3N, 121.5E  
Luzon, Philippine  
Islands  
H = 18 28 24.6  
h = about 67 km

Mould Bay  
eP 18 40 37

Resolute  
e(P) 18 41 05 d

DECEMBER 31

U.S.C.G.S.  
47.1N, 122.0W  
Pierce County,  
Washington  
H = 20 49 35.3  
h = about 33 km

Alert  
eP 20 57 (05)

Mould Bay  
eP 20 55 35 c

Resolute  
eP 20 55 (40)

Victoria  
iP<sub>n</sub> 20 50 01.4  
iS 20 50 21

Yellowknife  
eP 20 53 13

DECEMBER 31

Canadian Arctic  
H = 21 09 25.2  
Mag 1.3

Mould Bay  
P<sub>1</sub> 21 09 38  
S<sub>1</sub> 21 09 46  
D = 97.5 km

DECEMBER 31

Shawinigan Falls  
iP 23 47 58 d

SEISMOLOGICAL BULLETIN - 1962

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the last quarter of 1962. The times of observed phases are given in their respective chronological positions in the text of this bulletin. M = magnitude.

OCTOBER 3 03 47 22. 75.9°N ± 1.0°, 106.4°W ± 2.0°. Depth 10 km  
M = 3.1. Near the northeast coast of Melville Island, N.W.T.

OCTOBER 3 07 40 27. 66.2°N ± 1.0°, 132.6°W ± 3.0°. M = 4.7.  
About 150 miles south of Inuvik, N.W.T.

OCTOBER 4 15 07 24. M = 1.7. 51 miles from Mould Bay, N.W.T.

OCTOBER 22 18 04 17. 73.8°N ± 0.5°, 97.5°W ± 2.0°. Depth 30.5  
km. M = 3.4. Near the east coast of Prince of Wales Island, N.W.T.

OCTOBER 26 10 29 20. 60.8°N ± 1.0°, 57.5°W ± 2.0°. M = 5.0.  
Davis Strait, about 250 miles east of Resolution Island, N.W.T.

OCTOBER 27 09 57 17. 65.0°N ± 2.0°, 135.0°W ± 4.5°. M = 4.6.  
Peel River watershed, Yukon Territory.

NOVEMBER 5 09 01 28. Depth about 16 km. M = 2.6. 205 miles  
from Resolute, N.W.T.

NOVEMBER 18 11 40 55. M = 2.1. 89 miles from Resolute, N.W.T.

NOVEMBER 24 21 17 41. M = 1.8. 25 miles from Resolute, N.W.T.

NOVEMBER 30 09 39 29. 74.7°N ± 2.0°, 103.5°W ± 2.0°. Depth  
34 km. M = 3.4. 35 miles southeast of Byam Martin Island, N.W.T.

DECEMBER 2 14 00 57. 60.9°N ± 1.0°, 58.3°W ± 2.0°. M = 4.5.  
Davis Strait.

DECEMBER 11 13 19 47. M = 3.9. 413 miles from Resolute, N.W.T.

DECEMBER 18 10 37 44. M = 2.2. 41 miles from Resolute, N.W.T.

DECEMBER 23 15 50 11. M = 2.7. 238 miles from Mould Bay,  
N.W.T.

DECEMBER 23 21 41.53. M = 3.3. 388 miles from Mould Bay,  
N.W.T.

DECEMBER 25 03 46 08. M = 2.4. 92 miles from Alert, N.W.T.

DECEMBER 27 04 57 26. 65.6°N ± 0.5°, 89.4°W ± 1.0°. M = 4.7.  
Near Wager Bay, about 200 miles northeast of Baker Lake, N.W.T.



SEISMOLOGICAL BULLETIN - 1962

EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the last quarter of 1962. The times of observed phases are given in their respective chronological positions in the text of this bulletin. M = magnitude.

NOVEMBER 30 02 12 00 58.8°N ± 2.0°, 54.8°W ± 3.0°. M = 4.5. In the Labrador Sea.

DECEMBER 1 21 29 23 45°34'N ± 25', 69°08'W ± 30'. M = 3.0. Central Maine where the shock was felt.

DECEMBER 6 Not recorded but felt with intensity II (M = 2.3), near Notre-Dame-du-Laus (46°08'N, 75°37'W), Que., by persons around Cedar Lake reservoir. Duration estimated as 15 seconds. Report forwarded by Ontario Hydro personnel.

DECEMBER 15 00 58 32. M = 4.6. Recorded only at Montreal. Probably about 15 miles from Sept-Isles (50°12'N, 66°23'W), Que., where it was felt with intensity IV. The town manager reported to Montreal that "sidewalks cracked."

DECEMBER 20 04 23 12 52.8°N ± 1.0°, 59.4°W ± 1.5°. Near the surface. M = 4.4. About 60 miles southeast of Goose Bay, Labrador, Nfld.

DOMINION OBSERVATORIES

DECEMBER 28 05 36 03. M = 1.6. 68 miles from Mould Bay, N. W. T.

DECEMBER 29 04 20 31. M = 4.2. 824 miles from Mould Bay, N. W. T.

DECEMBER 31 21 09 25. M = 1.3. 61 miles from Mould Bay, N. W. T.

OCTOBER 18 07 34 11. M = 1.1. 51 miles from Mould Bay, N. W. T.

OCTOBER 22 18 04 17. M = 1.2. 102 miles from Mould Bay, N. W. T.

OCTOBER 26 16 29 50. M = 1.0. 80 miles from Mould Bay, N. W. T.

OCTOBER 27 08 57 12. M = 1.0. 123 miles from Mould Bay, N. W. T.

NOVEMBER 4 08 01 58. M = 1.1. 108 miles from Mould Bay, N. W. T.

NOVEMBER 16 11 46 52. M = 1.1. 81 miles from Mould Bay, N. W. T.

NOVEMBER 24 11 17 41. M = 1.3. 123 miles from Mould Bay, N. W. T.

NOVEMBER 26 08 32 38. M = 1.4. 102 miles from Mould Bay, N. W. T.

DECEMBER 2 14 08 57. M = 1.4. 102 miles from Mould Bay, N. W. T.

DECEMBER 11 12 12 47. M = 1.3. 413 miles from Mould Bay, N. W. T.

DECEMBER 18 10 37 44. M = 1.3. 41 miles from Mould Bay, N. W. T.

DECEMBER 23 12 58 11. M = 1.7. 128 miles from Mould Bay, N. W. T.

DECEMBER 28 21 41 53. M = 1.1. 138 miles from Mould Bay, N. W. T.

DECEMBER 29 08 48 09. M = 1.4. 33 miles from Mould Bay, N. W. T.

DECEMBER 31 04 27 38. M = 1.1. 61 miles from Mould Bay, N. W. T.



DOMINION OBSERVATORIES  
EARTHQUAKES IN WESTERN CANADA  
AND ADJACENT AREAS

The following disturbances were recorded during the fourth quarter of 1962. The times of observed phases are given at their respective chronological positions in the text of this bulletin. In some cases, although they are not included in the text, readings from Hungry Horse station in Montana, U.S.A. were used to compute epicentres. The quality (Q) of the epicentre is indicated by a letter from "a" meaning an excellent fit of observed data to "d" meaning a very poor solution.

- OCTOBER 2 at 21 50 15 U.T. Magnitude 1.3. 26 km from Victoria.
- OCTOBER 2 at 23 40 57 U.T. Magnitude 1.9. 167 km from Penticton.
- OCTOBER 4 at 01 54 00 U.T. Magnitude 2.3. 237 km from Penticton, and 317 km from Victoria.
- OCTOBER 4 at 23 28 18 U.T. Magnitude 1.5. 152 km from Penticton.
- OCTOBER 5 at 05 11 42 U.T. Magnitude 2.8. 179 km from Victoria, and 558 km from Penticton.
- OCTOBER 5 at 21 51 44 U.T. Magnitude 2.6. Epicentre at 48°12'N, 122°09' W, north of Seattle, U.S.A. Q = b.
- OCTOBER 5 at 23 30 23 U.T. Magnitude 1.6. 179 km from Penticton.
- OCTOBER 6 at 00 55 42 U.T. Magnitude 1.8. 220 km from Penticton.
- OCTOBER 6 at 23 13 33 U.T. Magnitude 1.7. 194 km from Penticton.
- OCTOBER 10 at 22 42 48 U.T. Magnitude 2.0. 289 km from Penticton.
- OCTOBER 10 at 23 35 42 U.T. Magnitude 1.6. 172 km from Penticton.
- OCTOBER 14 at 01 11 23 U.T. Magnitude 2.5. 221 km from Penticton.
- OCTOBER 14 at 04 11 14 U.T. Magnitude 1.7. 72 km from Victoria, and 219 km from Penticton.
- OCTOBER 17 at 16 58 32 U.T. Magnitude 1.8. Epicentre at 48°34'N, 121°40' W, east of Bellingham, U.S.A. Q = b.
- OCTOBER 18 at 23 33 26 U.T. Magnitude 1.6. 168 km from Penticton.

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- OCTOBER 22 at 18 31 10 U.T. Magnitude 1.9. 200 km from Penticton.
- NOVEMBER 3 at 06 34 59 U.T. Magnitude 1.5. This earthquake was felt over a limited area in southeast Victoria. An instrumental epicentre is not possible, but the origin must be at the south end of Haro Strait. Victoria distance is 20 km.
- NOVEMBER 3 at 23 27 20 U.T. Magnitude 2.5. 397 km from Penticton.
- NOVEMBER 4 at 15 48 24 U.T. Magnitude 2.3. 267 km from Penticton.
- NOVEMBER 11 at 19 12 10 U.T. Magnitude 1.3. 69 km from Penticton.
- NOVEMBER 11 at 21 45 20 U.T. Magnitude 4.2. Epicentre at 48.9°N, 128.8°W, west of Vancouver Island. Q = c.
- NOVEMBER 16 at 20 13 33 U.T. Magnitude 1.7. 173 km from Penticton.
- NOVEMBER 20 at 04 20 48 U.T. Magnitude 1.9. Epicentre at 48°48'N, 123°06'W, in the Gulf Islands. Q = c.
- NOVEMBER 28 at 22 39 46 U.T. Magnitude 1.3. Epicentre at 48°44'N, 123°22'W, in the Gulf Islands. Q = c.
- DECEMBER 1 at 13 15 20 U.T. Magnitude 1.3. 164 km from Penticton.
- DECEMBER 5 at 09 29 14 U.T. Magnitude 2.8. Epicentre at 47.5°N, 122.0°W, east of Seattle. Q = c.
- DECEMBER 7 at 08 11 04 U.T. Magnitude 1.6. Epicentre on Southern Vancouver Island about 26 km from Victoria.
- DECEMBER 7 at 22 26 41 U.T. Magnitude 1.8. 172 km from Penticton.
- DECEMBER 9 at 10 08 57 U.T. Magnitude 2.8. 285 km from Penticton.
- DECEMBER 13 at 16 35 08 U.T. Magnitude 2.1. Epicentre at 49.1°N, 120.7°W, near Copper Mountain. Q = c.
- DECEMBER 19 at 04 48 34 U.T. Magnitude 2.3. 267 km from Penticton.
- DECEMBER 28 at 05 33 52 U.T. Magnitude greater than 2. Epicentre at 49.1°N, 128.6°W, west of Vancouver Island.



