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# SEISMOLOGICAL SERIES

of the

# DOMINION OBSERVATORY

**1962-1**  
(Continued)  
**Seismological Bulletin**  
**October - December**  
**1962**

Seismological Service  
of Canada

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GEOLOGICAL SURVEY

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)<br>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	Alert	Banff
U.S.C.G.S.	iP 12 24 45	iP 20 55 10 d
17.5S, 178.9W	Banff	Penticton
Fiji Islands	eP 12 27 48 (d)	iP 20 54 53 d
H = 03 56 52.0	Halifax	Victoria
h = about 550 km	eP 12 26 51 c	eP 20 54 40
Banff	Mould Bay	
iP 04 08 45 c	iP 12 25 46 c	OCTOBER 2
Mould Bay	iPP 12 28 38	Penticton
eP 04 09 38 c	Penticton	eP 03 53 41
Penticton	iP 12 27 57	
iP 04 08 30 c	Resolute	OCTOBER 2
Victoria	P 12 25 45	U.S.C.G.S.
eP 04 08 17 c	Schefferville	17.6S, 178.7W
	iP 12 26 26 c	Fiji Islands
		H = 08 35 49.1
		h = about 616 km
OCTOBER 1	OCTOBER 1	Penticton
Mould Bay	U.S.C.G.S.	iP 08 47 21 d
P 07 27 45	49.0N, 157.5E	
	Off South Coast of	
OCTOBER 1	Kamchatka	OCTOBER 2
U.S.C.G.S.	H = 12 49 55.1	Penticton
47.3N, 151.5E	h = about 80 km	eP 14 22 52
Kurile Islands	Mould Bay	
H = 09 53 32.9	eP 12 57 36 d	OCTOBER 2
h = about 127 km		U.S.C.G.S.
Alert	OCTOBER 1	10.4N, 126.9E
eP 10 02.1	U.S.C.G.S.	Leyte, Philippine
Banff	52.8N, 167.2W	Islands
eP 10 03 06	Fox Islands,	H = 19 30 34.6
Mould Bay	Aleutian Islands	h = about 125 km
eP 10 01 32 c	H = 13 08 28.2	Mould Bay
i 10 06 53	h = about 33 km	iP 19 43 04 d
Penticton	Mould Bay	
iP 10 02 58	P 13 14 32	OCTOBER 2
Resolute		H = 21 50 15
iP 10 02 21 d	OCTOBER 1	Mag 1.3
Schefferville	U.S.C.G.S.	Victoria
eP 10 04 51	5.5S, 151.9E	iP <sub>1</sub> 21 50 18.7
Victoria	New Britain	iS <sub>1</sub> 21 50 21.8
eP 10 02 47	H = 15 07 22.1	D = 26 km
	h = about 49 km	
OCTOBER 1	Mould Bay	OCTOBER 2
Penticton	P 15 20 41	Mould Bay
iP 10 10 12		eP 23 34 38 c
	OCTOBER 1	
OCTOBER 1	U.S.C.G.S.	OCTOBER 2
U.S.C.G.S.	19.6S, 174.5W	H = 23 40 57
27.9N, 54.9E	Fiji Islands Region	Mag 1.9
Southern Iran	H = 20 42 36.5	
H = 12 13 57.4	h = about 143 km	
h = about 16 km		

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Penticton eP <sub>1</sub> 23 41 24.1 eS <sub>1</sub> 23 41 44.5 D = 167 km	OCTOBER 3 Penticton eP 05 38 17	OCTOBER 4 Penticton eP 01 33 44
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 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 Lg 07 48 25 D = 1690 km	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 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 Penticton iP 07 44 59 Resolute (P) 07 44 (00)	OCTOBER 4 Mould Bay P 06 10 18
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 Lg 03 48 57 D = 340 km Resolute P <sub>n</sub> 03 48 10.5 S <sub>n</sub> 03 48 45 Lg 03 48 58 D = 342 km	OCTOBER 3 U.S.C.G.S. 57.5S, 26.7W Sandwich Islands H = 18 48 52.4 h = about 33 Mould Bay iP <sup>1</sup> 19 08 32 c Penticton iP <sup>1</sup> 19 08 06	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 3 Alert eP 20 24 27 Mould Bay eP 20 24 05 d Resolute iP. 20 24 45 c	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



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OCTOBER 4 Canadian Arctic H = 15 07 23.9 Mag 1.7 Mould Bay P <sub>1</sub> 15 07 37 S <sub>1</sub> 15 07 47 D = 82 km	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	Mould Bay eP 04 23 41 d Penticton iP 04 24 52
OCTOBER 4 Mould Bay eP 17 35 52 c	OCTOBER 4 Penticton iP 22 48 09	OCTOBER 5 H = 05 11 42 Mag 2.8 Penticton iP <sub>n</sub> 05 12 56.7 Victoria eP 05 12 10.4 eS 05 12 32.2 D = 179 km
OCTOBER 4 Halifax eP 18 56 29 Mould Bay P 19 00 04	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 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 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 Halifax eP 23 15 35 Mould Bay P 23 19 09	OCTOBER 5 Mould Bay eP 09 11 24 Penticton iP 09 11 23
	OCTOBER 4 H = 23 27 53 Mag 1.5 Penticton eP <sub>1</sub> 23 28 17.6 eS <sub>1</sub> 23 28 36.2 D = 152 km	OCTOBER 5 Mould Bay eP 10 33 42 c
	OCTOBER 5 Mould Bay eP 01 26 08 d	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
	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	

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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  
eP<sub>n</sub> 21 52 17  
D = 216 km  
Victoria  
eP<sub>1</sub> 21 51 57.7  
eS<sub>1</sub> 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  
eP<sub>1</sub> 23 30 52.0  
eS<sub>1</sub> 23 31 13.8  
D = 179 km

OCTOBER 5  
Alert  
eP 23 38 50

OCTOBER 6  
H = 00 55 32  
Mag 1.8  
Penticton  
eP<sub>n</sub> 00 56 16.1  
eS<sub>n</sub> 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  
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  
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

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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

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OCTOBER 10	Penticton	Alert
H = 22 42 48	iP 16 15 27	eP 10 33 27
Mag 2.0		S 10 41 30
Penticton	OCTOBER 12	Halifax
eP <sub>n</sub> 22 43 29.6	U.S.C.G.S.	iP 10 35 46 d
eS <sub>n</sub> 22 44 04.8	4.1S, 80.3W	Mould Bay
D = 289 km	Near coast of	eP 10 34 36 d
	Ecuador	S 10 43 38
OCTOBER 11	H = 00 10 04.8	Resolute
U.S.C.G.S.	h = about 195 km	P 10 34 33
52.0N, 170.0W	Penticton	Schefferville
Fox Islands,	eP 00 20 15	eP 10 35 16
Aleutian Islands	OCTOBER 12	Shawinigan Falls
H = 00 52 23.4	U.S.C.G.S.	iP 10 36 04 (c)
h = about 33 km	20.4S, 68.9W	OCTOBER 13
Mould Bay	Northern Chile	U.S.C.G.S.
eP 00 58 37	H = 07 56 08.4	15.0N, 92.7W
OCTOBER 11	h = about 139 km	Chiapas, Mexico
U.S.C.G.S.	Mould Bay	H = 13 41 21.7
52.0N, 171.3W	eP 08 09 44	h = about 170 km
Fox Islands,	Penticton	Mould Bay
Aleutian Islands	iP 08 08 19 d	eP 13 51 34 c
H = 03 40 05.5	Schefferville	Resolute
h = about 33 km	eP 08 07 35	P 13 51 13
Mould Bay	OCTOBER 12	OCTOBER 13
eP 03 46 25 d	U.S.C.G.S.	U.S.C.G.S.
OCTOBER 11	27.4N, 129.1E	12.6S, 166.6E
Penticton	Ryukyu Islands	Santa Cruz Islands
iP 05 27 50 d	H = 09 08 15.9	region
Victoria	h = about 25 km	H = 18 47 44.5
eP 05 27 21	Mould Bay	h = about 33 km
OCTOBER 11	eP 09 19 16 c	Mould Bay
U.S.C.G.S.	Resolute	eP 19 01 21
1.4S, 80.6W	P 09 19 52	Penticton
Near coast of	OCTOBER 12	eP 19 00 34
Central Ecuador	Penticton	OCTOBER 13
H = 06 22 45.9	iP 10 38 29	Mould Bay
h = about 33 km	OCTOBER 12	eP 20 18 12 c
Penticton	Mould Bay	OCTOBER 13
iP 06 32 57	eP 17 17 57	U.S.C.G.S.
OCTOBER 11	OCTOBER 13	44.0N, 146.4E
U.S.C.G.S.	U.S.C.G.S.	Near north coast of
24.3N, 121.6E	35.5N, 49.8E	Hokkaido, Japan
Near east coast of	Northwestern Iran	H = 21 49 38.6
Formosa	H = 10 23 38.2	h = about 103 km
H = 16 02 33.6	h = about 33 km	Resolute
h = about 32 km		P 21 58 58

DOMINION OBSERVATORIES

OCTOBER 13  
Mould Bay  
eP 23 17 55

Victoria  
iP<sub>1</sub> 04 11 25.2  
iS<sub>1</sub> 04 11 34.2  
D = 72 km

Penticton  
iP 10 17 10  
Resolute  
P 10 21 53

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  
Mould Bay  
eP 04 25 10

OCTOBER 14  
Penticton  
iP 11 13 00 c

OCTOBER 14  
Mould Bay  
iP 04 50 02 d

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

OCTOBER 14  
Mould Bay  
eP 07 02 46

OCTOBER 14  
Penticton  
iP 07 36 54

eP 15 19 42  
Mould Bay  
eP 15 19 20 c  
i 15 19 44

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.  
36.2N, 70.5E  
Hindu Kush  
H = 09 07 20.0  
h = about 234 km  
Mould Bay  
eP 09 17 53

Penticton  
iP 15 20 53 c  
Resolute  
eP 15 20 06 c  
Victoria  
eP 15 20 45 d

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  
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  
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

OCTOBER 14  
Penticton  
iP 02 44 27

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

eP 19 35 23  
iS 19 37 40  
Mould Bay  
eP 19 37 40  
Resolute  
P 19 37 26

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

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<p>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</p>	<p>OCTOBER 15 Shawinigan Falls e 19 26 37</p> <p>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)</p>	<p>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)</p> <p>OCTOBER 16 Penticton eP 09 34 45</p>
<p>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)</p>	<p>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)</p>	<p>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</p>
<p>OCTOBER 15 Mould Bay eP 03 26 37 Penticton iP 03 24 13</p>	<p>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</p>	<p>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</p>
<p>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</p>	<p>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</p>	
<p>OCTOBER 15 Mould Bay eP 12 44 15 Resolute P 12 45.5</p>		



DOMINION OBSERVATORIES

OCTOBER 16	Mould Bay	Mould Bay
Mould Bay	eP 02 11 29	eP 11 30 50
eP 21 24 04		Penticton
	OCTOBER 18	iP 11 32 17 d
OCTOBER 17	U.S.C.G.S.	Resolute
H = 08 34 47	8.9S, 117.0E	eP 11 31 37 d
Mag 3.0	Sumbawa	Schefferville
Victoria	H = 04 06 00.4	iP 11 34 07 d
eP <sub>n</sub> 08 35 32.7	h = about 33 km	Victoria
eS <sub>n</sub> 08 36 12.1	Halifax	eP 11 32 05 d
D = 323 km	eP' 04 25 35 d	
	Mould Bay	OCTOBER 18
OCTOBER 17	eP' 04 24 16	U.S.C.G.S.
U.S.C.G.S.	Penticton	44.6N, 116.0W
33.3N, 137.7E	iP' 04 24 47 d	Idaho
South of Honshu, Japan	Resolute	H = 18 56 32.3
H = 12 39 12.0	P' 04 24 33	h = about 33 km
h = about 335 km	Shawinigan Falls	Penticton
Mould Bay	eP' 04 25 30	i 18 58 51
eP 12 48 50 d	e 04 29 04	
Resolute		OCTOBER 18
eP 12 49 30 d	OCTOBER 18	U.S.C.G.S.
	Alert	44.3N, 115.2W
OCTOBER 17	i 08 13 34	Idaho
Mould Bay		H = 20 31 07.1
eP 14 25 14	OCTOBER 18	h = about 33 km
	U.S.C.G.S.	Penticton
OCTOBER 17	46.5N, 149.6E	eP 18 04 45
Mould Bay	Kurile Islands	
eP 16 23 54 d	H = 08 40 55.5	OCTOBER 18
	h = about 140 km	U.S.C.G.S.
OCTOBER 17	Alert	16.2N, 93.5W
Mount Baker Area	eP 08 49 39	Chiapas, Mexico
H = 16 58 32	Mould Bay	H = 19 49 59.2
Mag 1.8	eP 08 49 04	h = about 179 km
Penticton	Penticton	Alert
iP <sub>1</sub> 16 58 59.8	iP 08 50 32 c	eP 20 00 38
iS <sub>1</sub> 16 59 25.4	Resolute	Mould Bay
D = 172 km	eP 08 49 51 d	iP 20 00 00 c
Victoria	Schefferville	Penticton
eP <sub>1</sub> 16 58 51.6	eP 08 52 20 d	iP 19 57 13 d
eS <sub>1</sub> 16 59 06.4	Victoria	Resolute
D = 121 km	eP 08 50 19	P 19 59 38
		Schefferville
OCTOBER 18	OCTOBER 18	i 19 58 16
U.S.C.G.S.	U.S.C.G.S.	Shawinigan Falls
28.4N, 97.3E	46.5N, 149.5E	e 19 57 02
China-India-Burma	Kurile Islands	
Border Area	H = 11 22 40.2	
H = 02 00 04.5	h = about 128 km	
h = about 77 km		

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- 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<sup>1</sup> 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<sup>1</sup> 09 59 08 d  
Penticton  
iP<sup>1</sup> 09 58 45 c  
Resolute  
P<sup>1</sup> 09 58 (58)  
Victoria  
eP<sup>1</sup> 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 23 d
- 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 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 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 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 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 21 OCTOBER 21 Penticton eP 03 23 53
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 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 21 OCTOBER 21 Mould Bay eP 05 05 33
OCTOBER 20 Penticton eP 02 23 57	OCTOBER 20 Mould Bay eP 11 11 48 Penticton iP 11 11 43	OCTOBER 21 Mould Bay eP 05 05 33
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 Mould Bay eP 10 15 41 d Resolute P 10 16 (17)	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 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 Mould Bay eP 16 27 12	OCTOBER 21 Alert i 18 34 10
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 Mould Bay eP 19 26 37	
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 Mould Bay eP 19 31 45	

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OCTOBER 21	Alert	OCTOBER 22
U.S.C.G.S.	eP 15 32 07	Mould Bay
55.9S, 27.8W	S 15 38 46	iP 21 21 10
Sandwich Islands	Halifax	
region	eP 15 35 42	OCTOBER 22
H = 23 10 52.2	Mould Bay	U.S.C.G.S.
h = about 33 km	eP 15 31 17 c	37.9N, 141.7E
Mould Bay	S 15 37 24	Honshu, Japan
eP' 23 30 20	Penticton	H = 22 18 50.3
	iP 15 32 42 c	h = about 38 km
OCTOBER 22	Resolute	Alert
U.S.C.G.S.	eP 15 32 08 c	eP 22 28 50 (c)
3.4S, 145.3E	Schefferville	Mould Bay
Bismark Sea	eP 15 34 43 c	eP 22 28 24 c
H = 04 34 38.4	Shawinigan Falls	Resolute
h = about 36 km	eP 15 35 15 c	P 22 29 06
Penticton	Victoria	
iP 04 48 01	eP 15 32 30 c	OCTOBER 23
		U.S.C.G.S.
OCTOBER 22	OCTOBER 22	15.2S, 173.0W
U.S.C.G.S.	73.8°N, 97.5°W	Samoa Islands region
45.2N, 111.3W	East coast of Prince	H = 00 26 00.3
Southwestern Montana	of Wales Island, N.W.T.	h = about 33 km
H = 05 03 03.9	H = 18 04 17.0	Penticton
h = about 33 km	h = about 31 km	iP 00 38 06 c
Penticton	Mag 3.4	Victoria
eP 05 04 53	Alert	eP 00 37 53
	Lg 18 10 35	
OCTOBER 22	D = 1330 km	OCTOBER 23
U.S.C.G.S.	Mould Bay	U.S.C.G.S.
73.4N, 54.9E	eP <sub>N</sub> 18 05 51.5	46.2N, 153.2E
Novaya Zemlya	iS <sub>N</sub> 18 07 03.5	Kurile Islands
H = 09 06 10.1	Lg 18 07 47.5	H = 00 47 27.2
h = about 0 km	D = 745 km	h = about 33 km
Mould Bay	Resolute	Mould Bay
eP 09 12 25	iP <sub>N</sub> 18 07 47.0	eP 00 55 43 c
S 09 17 13	iP <sub>1</sub> 18 04 51.6	Penticton
	i 18 04 53.5	iP 00 57 01
OCTOBER 22	iS <sub>N</sub> 18 05 10.4	Resolute
Mould Bay	S <sub>1</sub> 18 05 18	eP 00 56 31 d
eP 13 21 34	D = 214 km	
		OCTOBER 23
OCTOBER 22	OCTOBER 22	U.S.C.G.S.
U.S.C.G.S.	H = 18 31 10	9.5N, 70.0W
49.8N, 155.8E	Mag 1.9	North-Central
Northern Kurile	Penticton	Venezuela
Islands	eP <sub>N</sub> 18 31 41.2	H = 09 02 02.2
H = 15 23 32.9	eS <sub>N</sub> 18 32 05.6	h = about 33 km
h = about 19 km	D = 200 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 h = about 33 km	Molucca Passage H = 09 34 14.6 h = about 33 km
Resolute eP 09 12 52 c	Mould Bay eP 02 00 31	Alert eP 09 47 35
Schefferville eP 09 10 21	Penticton iP 01 59 10	i 09 51 24
Shawinigan Falls iP 09 09 12	Victoria eP 01 59 26	London P' 09 53 16
Victoria eP 09 12 01		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 h = about 150 km	Off coast of Jalisco, Mexico H = 06 24 16.3 h = about 33 km	Resolute eP 09 47 51 d
Mould Bay eP 10 08 58	Mould Bay eP 06 34 00 d	Schefferville eP' 09 53 10
Penticton iP 10 09 31		Shawinigan Falls eP' 09 53 17 c
Resolute eP 10 09 33 c	OCTOBER 24 Mould Bay eP 08 15 31	Victoria eP 09 48 01
OCTOBER 23 Penticton iP 12 35 53	OCTOBER 24 Mould Bay eP 10 11 32	OCTOBER 25 U.S.C.G.S. 15.4S, 179.0W
OCTOBER 23 Mould Bay eP 16 47 23	OCTOBER 24 Mould Bay eP 18 02 31 c	Fiji Islands region H = 12 36 54.4 h = about 392 km
OCTOBER 23 U.S.C.G.S. 36.7N, 71.1E	OCTOBER 25 U.S.C.G.S. 17.8S, 167.7E	Banff eP 12 48 54
Hindu Kush H = 20 10 57.6 h = about 216 km	New Hebrides Islands H = 03 38 48.9 h = about 33 km	Penticton iP 12 48 38 c
Mould Bay eP 20 21 28	Penticton iP 03 51 58	Victoria eP 12 48 24
OCTOBER 24 Alert i 00 03 14	OCTOBER 25 Penticton iP 07 48 41	OCTOBER 25 U.S.C.G.S. 8.4N, 82.6W
OCTOBER 24 Mould Bay eP 01 20 29		Panama-Costa Rica Border H = 15 52 29.2 h = about 51 km
		Alert eP 16 04 04
		London P 15 59 13
		Mould Bay eP 16 03 38

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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
OCTOBER 25	Shawinigan Falls eP' 07 39 20 c	Penticton iP 11 39 22
Penticton iP 16 06 03	Victoria eP 07 33 23	Resolute P 11 36 (57)
OCTOBER 25	OCTOBER 26	Shawinigan Falls e(P) 11 37 41
U.S.C.G.S. 61.4S, 154.9E	60.8°N, 57.5°W	OCTOBER 26
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	U.S.C.G.S. 55.5S, 26.5W
h = about 33 km	Mag 5.0	Sandwich Islands H = 15 58 34.8
Alert i 20 26 32	Halifax P <sub>n</sub> 10 33 11	h = about 33 km
Mould Bay eP' 20 25 50 c	D = 1835 km	Alert iP' 16 17 51
Penticton eP' 20 25 16	Mould Bay eP <sub>n</sub> 10 34 58	Mould Bay iP' 16 18 04 c
Resolute eP' 20 26 03 d	D = 2705 km	Resolute eP' 16 17 57 d
Shawinigan Falls eP' 20 25 54	Resolute P <sub>n</sub> 10 33 43	OCTOBER 26
OCTOBER 25	S <sub>n</sub> 10 36 55	U.S.C.G.S. 55.7S, 26.5W
Penticton iP 21 32 02	D = 2125 km	Sandwich Islands H = 22 09 05.0
OCTOBER 25	Schefferville iP <sub>n</sub> 10 31 11	h = about 33 km
U.S.C.G.S. 33.3N, 46.1E	iS <sub>n</sub> 10 32 30	Mould Bay eP' 22 28 34 c
Iraq-Iran Border H = 21 49 37.5	D = 850 km	Penticton iP' 22 28 14
h = about 33 km	Shawinigan Falls P <sub>n</sub> 10 33 09.5	OCTOBER 27
Mould Bay eP 22 00 49	S <sub>n</sub> 10 35 55.5	Penticton iP 01 45 14
	D = 1825 km	OCTOBER 27
	OCTOBER 26	Mould Bay eP 06 20 15
	Mould Bay eP 10 35 01	
	Resolute iP 10 33 43 d	

DOMINION OBSERVATORIES

OCTOBER 27	Mould Bay	OCTOBER 28
U.S.C.G.S.	eP 14 03 36	Mould Bay
14.0N, 90.4W	Penticton	eP 01 13 55
Guatemala-El Salvador	iP 14 01 13	Penticton
Border	Resolute	iP 01 14 41
H = 08 10 24.5	eP 14 03 11 d	
h = about 107 km	Schefferville	OCTOBER 28
Alert	eP 14 01 06	Penticton
eP 08 21 23		eP 04 14 01
Banff	OCTOBER 27	
eP 08 18 09	U.S.C.G.S.	OCTOBER 28
London	38.6N, 70.4E	Mould Bay
iP 08 16 26 d	Tadzhik, S.S.R.	eP 05 34 02
Mould Bay	H = 16 02 04.8	
eP 08 20 48 c	h = about 135 km	OCTOBER 28
Penticton	Mould Bay	Penticton
iP 08 18 11 c	eP 16 12 33 c	eP 07 04 47
Resolute		
eP 08 20 25 c	OCTOBER 27	OCTOBER 28
Schefferville	U.S.C.G.S.	U.S.C.G.S.
iP 08 18 29 c	52.1N, 171.1W	14.8N, 119.7E
Shawinigan Falls	Rat Islands,	Off west coast of
eP 08 17 15 c	Aleutian Islands	Luzon, Philippine
Victoria	H = 16 19 30.7	Islands
eP 08 18 22	h = about 60 km	H = 12 06 21.5
	Alert	h = about 115 km
	eP 16 27 09	Mould Bay
OCTOBER 27	Mould Bay	eP 12 18 32
65.0°N, 135.0°W	iP 16 25 45 d	Penticton
Peel River Watershed,	i 16 28 39	iP 12 19 44
Yukon, N.W.T.	Penticton	
H = 09 57 17	iP 16 25 55	
Mag 4.6		OCTOBER 28
Alert		Penticton
(P <sub>n</sub> ) 10 02 27	OCTOBER 27	iP 13 03 55
D = 2635 km	Penticton	Victoria
Mould Bay	eP 22 08 24	eP 13 03 20
P <sub>n</sub> 10 00 07.5		
S <sub>n</sub> 10 02 08	OCTOBER 27	OCTOBER 28
D = 1325 km	Penticton	U.S.C.G.S.
Resolute	iP 22 23 07	0.1N, 123.6E
P <sub>n</sub> 10 00 56.5		Northern Celebes
S <sub>n</sub> 10 03 41	OCTOBER 28	H = 15 00 17.0
D = 1775 km	Mould Bay	h = about 61 km
	eP 01 03 22	Mould Bay
OCTOBER 27	Penticton	eP 15 13 39 c
U.S.C.G.S.	iP 01 03 30	
11.5N, 86.4W		
Near west coast of		
Nicaragua		
H = 13 52 51.2		
h = about 80 km		

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OCTOBER 28	OCTOBER 29	Alert
U. S. C. G. S.	U. S. C. G. S.	eP 02 52 02
37.2N, 141.8E	7.1N, 82.6W	Mould Bay
Near east coast of	Off coast of	eP 02 50 48 d
Honshu, Japan	Panama	Penticton
H = 17 49 32.0	H = 00 19 39.7	iP 02 46 31 c
H = about 48 km	h = about 21 km	
Mould Bay	Alert	OCTOBER 29
eP 17 59 09	eP 00 31 25	Mould Bay
	London	eP 03 58 48 d
	iP 00 26 39 d	
OCTOBER 28	Mould Bay	OCTOBER 29
47.8°N, 123.7°W	iP 00 31 03 c	Penticton
Olympic Mountains,	Penticton	eP 04 42 16
Washington, U. S. A.	iP 00 28 53 c	
H = 18 05 32	Resolute	OCTOBER 29
Mag 2.1	eP 00 30 37 c	Mould Bay
Penticton	Schefferville	eP 06 09 39
eP <sub>n</sub> 18 06 19.9	eP 00 28 28 c	
eS <sub>n</sub> 18 06 53.2	Shawinigan Falls	OCTOBER 29
D = 348 km	eP 00 27 17	U. S. C. G. S.
Victoria	Victoria	33.9S, 70.7W
eP <sub>1</sub> 18 05 46.0	eP 00 29 03 c	Central Chile
eS <sub>1</sub> 18 05 56.6		H = 09 30 48.2
D = 87 km		h = about 33 km
	OCTOBER 29	Penticton
	Mould Bay	iP 09 44 01
	eP 01 14 21	
	Penticton	OCTOBER 29
	eP 01 14 40	Mould Bay
		eP 10 49 45
OCTOBER 28	OCTOBER 29	
U. S. C. G. S.	Mould Bay	OCTOBER 29
16.0N, 93.6W	eP 02 08 18	U. S. C. G. S.
Chiapas, Mexico		13.0N, 88.4W
H = 22 53 01.3		Near coast of
h = about 110 km		El Salvador
Alert		H = 10 53 29.9
eP 23 03 48		h = about 43 km
Banff		Alert
eP 23 00 21		eP 11 04 40
Mould Bay		Banff
iP 23 03 09 c		eP 11 01 35
Penticton		Mould Bay
iP 23 00 22		eP 11 04 09 c
Resolute		Penticton
P 23 02 48		iP 11 01 39 c
Shawinigan Falls		Resolute
eP 22 59 46		P 11 03 45
Victoria		
eP 23 00 31		
	OCTOBER 29	
OCTOBER 28	U. S. C. G. S.	
Penticton	34.3N, 117.0W	
iP 23 10 32	San Bernardino County,	
	California	
	H = 02 42 56.1	
	h = about 33 km	



DOMINION OBSERVATORIES

Schefferville eP 11 01 45	OCTOBER 30 U.S.C.G.S. 12.5N, 88.0W	OCTOBER 30 Penticton iP 22 54 09
Shawinigan Falls e 11 00 45	Off west coast of Nicaragua	OCTOBER 31 Penticton eP 00 08 12
Victoria eP 11 01 48	H = 08 31 51.8 H = about 80 km	
OCTOBER 29 Mould Bay eP 12 18 37	Alert eP 08 43 00	OCTOBER 31 U.S.C.G.S. 5.6N, 82.6W
OCTOBER 29 Mould Bay eP 17 57 30	Banff eP 08 39 50	South of Panama H = 11 32 29.0 h = about 33 km Mag 6 1/2 (PAS). 5 1/2 (PAL).
OCTOBER 29 Banff eP 21 13 03	Halifax iP 08 39 08 d	Alert eP 11 44 21
London P? 21 12 51	London iP 08 38 02 d	Banff iP 11 41 43 c
Penticton iP 21 12 55	Mould Bay eP 08 42 29 d	Halifax eP 11 40 24
Victoria eP 21 12 48	Penticton iP 08 40 01	London iP 11 39 39 d
OCTOBER 30 U.S.C.G.S. 54.2S, 9.1E	Resolute eP 08 42 05 d	Mould Bay eP 11 43 59 c
Bouvet Island region H = 01 46 32.7 h = about 33 km	Schefferville iP 08 40 03 c	Penticton iP 11 41 49 c
Banff eP' 02 06 11	Shawinigan Falls iP 08 38 48	Resolute P 11 43 34
Mould Bay eP' 02 06 21 c	Victoria eP 08 40 11 d	Schefferville iP 11 41 27 c
Penticton iP' 02 06 17	OCTOBER 30 Alert eP 15 30 15	Shawinigan Falls iP 11 40 16 d
Resolute eP' 02 06 04 c	Mould Bay iP 15 29 43 c	Victoria eP 11 42 00 c
Victoria eP' 02 06 15	Penticton iP 15 27 10	
OCTOBER 30 Mould Bay eP 02 32 08 c	Resolute eP 15 29 20 c	OCTOBER 31 U.S.C.G.S. 51.6N, 177.3E
OCTOBER 30 Mould Bay eP 05 16 24	OCTOBER 30 Banff eP 21 07 51	Rat Islands, Aleutian Islands H = 13 27 25.0 h = about 83 km
Penticton eP 05 16 24	Penticton iP 21 07 37 d	Alert eP 13 35 15 d
	Victoria eP 21 07 25	Mould Bay eP 13 34 04 i 13 36 38
		Penticton iP 13 34 44

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OCTOBER 31  
Mould Bay  
eP 19 40 35

OCTOBER 31  
Mould Bay  
eP 21 39 20

OCTOBER 31  
Penticton  
iP 23 18 27 c

NOVEMBER 1  
U.S.C.G.S.  
41.8N, 144.8E  
South of Hokkaido,  
Japan  
H = 03 59 49.9  
h = about 91 km  
Penticton  
iP 04 10 11

NOVEMBER 1  
Banff  
eP 06 13 35  
Penticton  
eP 06 13 32

NOVEMBER 1  
U.S.C.G.S.  
29.0N, 128.7E  
Ryukyu Islands  
H = 09 16 44.7  
h = about 164 km  
Mould Bay  
eP 09 27 21

NOVEMBER 1  
Penticton  
eP 09 45 09

NOVEMBER 1  
U.S.C.G.S.  
23.7S, 179.6W  
Fiji Islands region  
H = 09 47 15.6  
h = about 525 km  
Penticton  
iP 09 59 22

NOVEMBER 1  
Penticton  
iP 10 35 56

NOVEMBER 1  
Penticton  
eP 11 10 08

NOVEMBER 1  
U.S.C.G.S.  
1.5S, 77.8W  
Ecuador  
H = 11 31 48.7  
h = about 181 km  
Mould Bay  
eP 11 43 45 c  
Penticton  
iP 11 41 53

NOVEMBER 1  
U.S.C.G.S.  
37.2N, 70.0E  
Hindu Kush region  
H = 13 46 43.4  
h = about 132 km  
Mould Bay  
eP 13 57 20  
Penticton  
iP 13 59 41 c

NOVEMBER 1  
Mould Bay  
eP 15 27 58

NOVEMBER 1  
U.S.C.G.S.  
37.4N, 70.0E  
Hindu Kush region  
H = 15 26 56.1  
h = about 124 km  
Mould Bay  
eP 15 37 34 d  
Penticton  
iP 15 40 01 c

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  
Mould Bay  
eP 15 46 28 d  
Penticton  
iP 15 47 04  
Resolute  
eP 15 46 (57)

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  
Penticton  
iP 18 06 04 c  
Resolute  
eP 18 05 56 c

NOVEMBER 1  
Mould Bay  
iP 18 20 28 c

NOVEMBER 1  
Mould Bay  
eP 20 21 34

NOVEMBER 1  
U.S.C.G.S.  
43.9N, 145.2E  
Kurile Islands  
H = 23 20 59.6  
h = about 131 km  
Alert  
eP 23 30 03  
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

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NOVEMBER 4	NOVEMBER 5	Penticton
U.S.C.G.S.	Mould Bay	iP 03 37 49
43.2S, 75.6W	eP 23 25 56	Resolute
Off coast of	Resolute.	eP 03 43 06 d
southern Chile	(P) 23 25 15	Victoria
H = 22 53 34.2		iP 03 37 30.2
h = about 33 km	NOVEMBER 6	
Mag 5 3/4 - 6 (PAS)	U.S.C.G.S.	NOVEMBER 6
5 1/2 (PAL)	28.0N, 55.6E	Penticton
Alert	Southern Iran	eP 04 16 54
eP' 23 12 32 (d)	H = 00 09 47.2	Victoria
Halifax	h = about 33 km	eP 04 16 35.4
eP 23 06 24 d	Alert	
London	eP 00 20 32 c	NOVEMBER 6
iP 23 06 12 c	i 00 21 58	Mould Bay
Mould Bay	Mould Bay	eP 06 34 31
iP' 23 12 26 d	eP 00 21 32 c	Resolute
Resolute	S 00 31 12	(P) 06 35 21
P' 23 12 19	Schefferville	NOVEMBER 6
Schefferville	eP 00 22 15 c	Mould Bay
eP 23 07 09		eP 07 20 54
Shawinigan Falls	NOVEMBER 6	
eP 23 06 28	H = 00 34 02	
	Mag 3.2	NOVEMBER 6
NOVEMBER 5	Montana?	Mould Bay
Alert	Banff	eP 07 58 32
eP 05 51.1	eP <sub>N</sub> 00 35 04.4	
	eS <sub>N</sub> 00 36 00.4	NOVEMBER 6
NOVEMBER 5	D = 458 km	U.S.C.G.S.
Canadian Arctic	Penticton	4.0S, 79.8W
H = 09 01 27.8	eP <sub>N</sub> 00 35 11.9	Near coast of
h = 16 km	eS <sub>N</sub> 00 36 14.4	Ecuador
Mag 2.6	D = 512 km	H = 12 23 24.6
Resolute		h = about 101 km
e 09 02 16	NOVEMBER 6	Mould Bay
P 09 02 21	U.S.C.G.S.	eP 12 35 40 d
P <sub>N</sub> 09 02 48	45.8N, 122.5W	Penticton
S <sub>1</sub> 09 03 01.5	Washington-Oregon	iP 12 33 45
D = 330 km	Border	
	H = 03 36 46.9	NOVEMBER 6
NOVEMBER 5	h = about 44 km	Penticton
U.S.C.G.S.	Alert	eP 13 23 08
66.4N, 6.8E	eP 03 44 28	
Off coast of Norway	S 03 50.6	NOVEMBER 6
H = 11 46 12.1	Banff	U.S.C.G.S.
h = about 33 km	eP 03 38 31	17.3N, 68.3W
Mould Bay	Mould Bay	Mona Passage
eP 11 52 52	eP 03 42 59 d	H = 15 08 05.1
	S 03 48 05	h = about 33 km
		Mould Bay
		eP 15 18 41

DOMINION OBSERVATORIES

NOVEMBER 6	Halifax	NOVEMBER 8
Mould Bay	iP' 16 22 19.5 c	U.S.C.G.S.
eP 15 48 39 c	Penticton	4.4S, 105.5W
	iP' 16 21 29 d	1700 km Southwest of
NOVEMBER 6	Resolute	Galapagos, Philippine
Mould Bay	P' 16 21 (20)	Islands
eP 20 50 35	Schefferville	H = 00 33 13.8
	eP' 16 22 02	h = about 33 km
NOVEMBER 6	Shawinigan Falls	Mould Bay
U.S.C.G.S.	eP' 16 22 10	eP 00 45 25
4.9S, 152.7E		Penticton
Near coast of	NOVEMBER 7	iP 00 42 41
New Ireland	U.S.C.G.S.	Resolute
H = 21 26 47.8	20.4N, 122.1E	P 00 45 (15)
h = about 68 km	Batan Islands,	NOVEMBER 8
Mould Bay	Philippine Islands region	Penticton
eP 21 40 00	H = 20 02 12.8	iP 03 43 26
	h = about 57 km	
NOVEMBER 7	Mould Bay	NOVEMBER 8
Mould Bay	eP 20 13 59	U.S.C.G.S.
eP 10 12 37	Resolute	45.2N, 147.2E
	P 20 14 29	Kurile Islands region
NOVEMBER 7	NOVEMBER 7	H = 18 48 06.3
Mould Bay	U.S.C.G.S.	h = about 148 km
iP 11 42 27 c	51.5N, 176.1E	Mould Bay
	Rat Islands,	eP 18 56 24
NOVEMBER 7	Aleutian Islands	Resolute
U.S.C.G.S.	H = 22 26 33.8	eP 18 57 12 d
40.5N, 29.4W	h = about 43 km	
Azores	Alert	NOVEMBER 8
H = 12 57 45.7	eP 22 34 31 c	Mould Bay
h = about 33 km	Mould Bay	eP 20 45 05
Alert	eP 22 33 20 c	Penticton
eP 13 05 47	Resolute	iP 20 43 21
Mould Bay	P 22 34 (11)	
eP 13 06 47 c	NOVEMBER 8	NOVEMBER 8
Penticton	U.S.C.G.S.	U.S.C.G.S.
iP 13 07 57	15.1S, 75.6W	52.0N, 174.9E
Resolute	Near coast of	Near Islands,
eP 13 06 00 d	southern Peru	Aleutian Islands
Schefferville	H = 00 02 08.6	H = 21 15 56.0
eP 13 03 40	h = about 33 km	h = about 33 km
NOVEMBER 7	Mould Bay	Alert
U.S.C.G.S.	eP 00 15 29	eP 21 23 51 c
7.8S, 119.8E	Resolute	Mould Bay
Flores Sea	P 00 15 08	eP 21 22 42 c
H = 16 03 04.1	Schefferville	Resolute
h = about 156 km	eP 00 13 18	P 21 23 35
		Schefferville
		eP 21 26 13



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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	Mould Bay	Shawinigan Falls
U.S.C.G.S.	eP 06 36 10	i 11 43 48
19.3N, 121.1E	Resolute	Victoria
Near northern coast	eP 06 36 46 d	eP 11 42 (38)
of Lauzon, Philippine		
Islands	NOVEMBER 11	NOVEMBER 11
H = 11 03 36.8	U.S.C.G.S.	U.S.C.G.S.
h = about 32 km	23.9S, 69.5E	19.3S, 177.6W
Mould Bay	Mascarene Islands	Fiji Islands
iP 11 15 33 c	region	H = 11 57 47.9
Resolute	H = 07 39 15.4	h = about 547 km
P 11 16 04	h = about 33 km	Penticton
	Penticton	iP 12 09 29 d
	iP' 07 59 08	
NOVEMBER 10		NOVEMBER 11
Resolute	NOVEMBER 11	U.S.C.G.S.
eP 12 36 13 c	Mould Bay	17.2N, 40.7E
	eP 09 13 20	Red Sea
NOVEMBER 10		H = 15 15 33.6
U.S.C.G.S.	NOVEMBER 11	h = about 34 km
38.3N, 141.8E	U.S.C.G.S.	Alert
Near east coast of	23.8S, 69.4E	eP 15 27 12
Honshu, Japan	Mascarene Islands	Mould Bay
H = 19 32 05.4	region	iP 15 28 11 d
h = about 100 km	H = 10 31 48.3	Resolute
Mould Bay	h = about 33 km	P 15 28 (04)
eP 19 41 28 c	Penticton	
i 19 41 39	eP' 10 51 40	
Resolute		NOVEMBER 11
eP 19 42 (22)		U.S.C.G.S.
		12.9S, 166.5E
NOVEMBER 11	NOVEMBER 11	Santa Cruz Islands
U.S.C.G.S.	U.S.C.G.S.	H = 16 09 57.6
1.2S, 78.8W	55.8N, 113.1E	h = about 77 km
Ecuador	Lake Baikal region,	Mag 6 1/2 - 6 3/4
H = 03 52 19.4	U.S.S.R.	(PAS)
h = about 59 km	H = 11 31 44.5	Banff
Mould Bay	h = about 33 km	eP 16 23 01
eP 04 04 27 d	Mag 6 1/4 (PAS)	Mould Bay
Penticton	Alert	eP 16 23 30
eP 04 02 31	eP 11 39 33	Penticton
	Banff	iP 16 22 48 c
	eP 11 42 29 d	Resolute
NOVEMBER 11	Mould Bay	P' 16 28 (10)
Resolute	eP 11 39 48 c	
(P) 05 30 01	S 11 46 18	
	Penticton	NOVEMBER 11
NOVEMBER 11	iP 11 42 31 c	London
U.S.C.G.S.	Resolute	(P) 16 39 09
18.4N, 145.6E	eP 11 40 24 d	Resolute
Mariana Islands	Schefferville	eP 16 39 41 d
H = 06 24 51.7	eP 11 42 52	
h = about 135 km		

SEISMOLOGICAL BULLETIN - 1962

NOVEMBER 11  
Penticton  
iP 16 48 30

NOVEMBER 11  
H = 19 12 10  
Mag 1.3  
Penticton  
iP<sub>1</sub> 19 12 21.3  
iS<sub>1</sub> 19 12 29.7  
D = 69 km

NOVEMBER 11  
Penticton  
eP 21 20 48

NOVEMBER 11  
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 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

Mould Bay  
eP' 22 33 08  
Resolute  
P' 22 33 04  
Shawinigan Falls  
iP 22 27 15 c

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 12  
Mould Bay  
eP 13 37 19  
Resolute  
(P) 13 37 58

NOVEMBER 12  
U.S.C.G.S.  
35.5N, 135.8E  
Southern Honshu,  
Japan  
H = 16 16 56.1  
h = about 33 km  
Mould Bay  
eP 16 26 57  
Resolute  
P 16 27 36

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 13  
Mould Bay  
eP 02 01 22

NOVEMBER 13  
Mould Bay  
eP 02 34 01

NOVEMBER 13  
Mould Bay  
eP 02 57 07

NOVEMBER 13  
Mould Bay  
iP 03 33 03 d

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	NOVEMBER 13 Penticton eP 23 21 46	NOVEMBER 14 Mould Bay eP 14 28 29
Mould Bay eP 09 03 40	NOVEMBER 13 Penticton eP 23 50 25	NOVEMBER 14 Alert eP 14 39 10
Penticton iP 09 05 10	NOVEMBER 14 Mould Bay eP 00 29 25	NOVEMBER 14 Mould Bay eP 14 39 36 c
Resolute iP 09 04 24 d	NOVEMBER 14 Mould Bay eP 01 48 19	NOVEMBER 14 Alert eP 16 01 13
NOVEMBER 13 U. S. C. G. S. 52.9N, 166.7W	NOVEMBER 14 Penticton eP 01 46 12	NOVEMBER 14 Mould Bay eP 16 01 40
Fox Islands, Aleutian Islands H = 09 58 13.4 h = about 69 km	NOVEMBER 14 U. S. C. G. S. 35.7N, 140.8E	NOVEMBER 14 U. S. C. G. S. 20.3N, 45.9W
Alert eP 10 05 41 c	Central Honshu, Japan H = 07 48 05.5 h = about 61 km	North Atlantic Ocean H = 16 11 08.4 h = about 33 km
Mould Bay eP 10 04 12 c	Alert eP 07 58 17 d	Alert eP 16 21 (25)
Resolute P 10 05 02	S 08 06 37	Mould Bay eP 16 21 56
NOVEMBER 13 Resolute i(P) 13 26 28	Banff eP 07 59 16	NOVEMBER 14 Mould Bay eP 19 05 07
NOVEMBER 13 Mould Bay eP 13 32 04	Mould Bay iP 07 57 53 d	Resolute eP 19 05 57
NOVEMBER 13 U. S. C. G. S. 56.9S, 29.0W	S 08 05 49	NOVEMBER 14 Penticton eP 19 27 58
Sandwich Islands H = 21 47 50.3 h = about 33 km	Resolute iP 07 58 33 d	NOVEMBER 14 Penticton eP 20 03 25
Mould Bay eP' 22 07 16 c	Schefferville eP 08 00 45 d	NOVEMBER 14 Mould Bay eP 21 25 49
i 22 10 47	Victoria eP 07 58 58 d	NOVEMBER 14 Penticton eP 21 25 49
Penticton iP' 22 06 53	NOVEMBER 14 U. S. C. G. S. 35.6N, 140.8E	NOVEMBER 14 Mould Bay eP 21 25 49
Resolute P' 22 07 (09)	Central Honshu, Japan H = 07 56 29.2 h = about 60 km	
NOVEMBER 13 Penticton eP 22 28 53	Mould Bay eP 08 06 16	

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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 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 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 14 Mould Bay eP 22 54 13	NOVEMBER 15 Banff eP 23 26 56 Penticton iP 23 27 10	NOVEMBER 16 Penticton iP 05 50 13
NOVEMBER 15 Resolute e(P) 01 29 54	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	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
NOVEMBER 15 Resolute eP 11 31 52 c	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 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
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 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 Penticton iP 07 30 52 c Schefferville eP 07 31 55 Shawinigan Falls iP 07 31 13 Victoria eP 07 30 50



DOMINION OBSERVATORIES

NOVEMBER 16	NOVEMBER 16	NOVEMBER 17
U. S. C. G. S.	Mould Bay	U. S. C. G. S.
19.0N, 145.3E	eP 21 40 10	2.8N, 121.7E
Mariana Islands		Celebes Sea
H = 09 52 25.1	NOVEMBER 16	H = 14 21 30.6
h = about 207 km	U. S. C. G. S.	h = about 609 km
Alert	14.0N, 92.8E	Mould Bay
iP 10 04 01	Andaman Islands	eP 14 33 45
Banff	region	
eP 10 04 16	H = 22 45 43.5	NOVEMBER 17
Mould Bay	h = about 33 km	Mould Bay
iP 10 03 32 c	Alert	eP 14 47 34
Penticton	eP 22 58 06 c	
iP 10 04 08 c	Mould Bay	NOVEMBER 17
Resolute	eP 22 58 30 d	Alert
eP 10 04 08 c	Resolute	eP 19 52 44
Victoria	eP 22 58 47	Mould Bay
eP 10 03 56		eP 19 51 33
	NOVEMBER 17	
NOVEMBER 16	Mould Bay	NOVEMBER 17
H = 20 13 33	eP 00 43 20	Mould Bay
Mag 1.7		eP 20 03 39
Penticton	NOVEMBER 17	
eP <sub>1</sub> 20 14 00.7	U. S. C. G. S.	NOVEMBER 17
eS <sub>1</sub> 20 14 21.8	16.3N, 98.2W	U. S. C. G. S.
D = 183 km	Oaxaca, Mexico	63.3N, 150.0W
	H = 11 07 15.4	Central Alaska
NOVEMBER 16	h = about 12 km	H = 22 28 29.3
U. S. C. G. S.	Alert	h = about 125 km
13.5N, 93.2E	eP 11 18 14	Alert
Andaman Islands	London	eP 22 34 06
H = 21 10 01.8	P 11 13 29	Mould Bay
h = about 33 km	Mould Bay	eP 22 32 13
Mag 6 - 6 1/4 (PAL)	iP 11 17 30 c	Penticton
Alert	S 11 25 54	iP 22 33 12
iP 21 22 29 c	Penticton	Resolute
iS 21 32 49	iP 11 14 29 c	eP 22 33 11
London	Resolute	
p <sup>1</sup> 21 28 58	eP 11 17 12 c	NOVEMBER 18
Mould Bay	Schefferville	Mould Bay
eP 21 22 52 c	eP 11 15 35	eP 00 36 19
Penticton	Shawinigan Falls	
eP <sup>1</sup> 21 28 28	iP 11 14 25 (c)	NOVEMBER 18
Resolute		Mould Bay
eP 21 23 09 c	NOVEMBER 17	eP 02 25 14
Schefferville	Resolute	Resolute
eP <sup>1</sup> 21 28 58	eP 13 24 02	e(P) 02 26 (00)

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NOVEMBER 18	NOVEMBER 19	NOVEMBER 19
U.S.C.G.S.	U.S.C.G.S.	U.S.C.G.S.
0.2S, 125.1E	24.3N, 122.6E	5.2S, 152.6E
Molucca Sea	Ryukyu Islands	New Britain region
H = 06 43 08.3	H = 04 15 36.1	H = 16 49 29.3
h = about 56 km	h = about 53 km	h = about 62 km
Resolute	Mould Bay	Mould Bay
eP 06 56 57	eP 04 26 58	eP 17 02 44
	Penticton	
NOVEMBER 18	iP 04 28 23	NOVEMBER 19
Alert	Resolute	U.S.C.G.S.
eP 07 49 18	eP 04 27 30	53.8N, 163.6W
Banff		Unimak Island region
eP 07 49 02	NOVEMBER 19	H = 21 44 50.2
Mould Bay	Mould Bay	h = about 33 km
eP 07 49 41	e(P) 14 13 34	Alert
Penticton		eP 21 52 11 c
iP 07 49 19 d	NOVEMBER 19	Mould Bay
Schefferville	U.S.C.G.S.	eP 21 50 39 c
eP 07 47 16	60.7S, 152.9E	i 21 53 53
Shawinigan Falls	700 km Southwest of	Penticton
iP 07 45 40 c	Macquarie Island	iP 21 50 41 c
Victoria	H = 13 58 57.6	Resolute
eP 07 49 34	h = about 33 km	P 21 51 28
	Mould Bay	Schefferville
NOVEMBER 18	eP' 14 18 34	eP 21 53 58 d
Canadian Arctic		
H = 11 40 55	NOVEMBER 19	NOVEMBER 20
Mag 2.1	U.S.C.G.S.	Mould Bay
Resolute	6.7N, 73.0W	eP 00 15 03
P <sub>1</sub> 11 41 18	Colombia	
S <sub>1</sub> 11 41 35.5	H = 14 30 29.1	NOVEMBER 20
D = 143 km	h = about 135 km	48°48'N, 123°06'W
NOVEMBER 18	Alert	Gulf Islands
U.S.C.G.S.	eP 14 42 02	H = 04 20 48
16.4S, 174.1W	Mould Bay	Mag 1.9
Tonga Islands region	eP 14 41 51	Alberni
H = 12 00 26.7	i 14 42 33	eP <sub>1</sub> 04 21 09.2
h = about 129 km	Penticton	eS <sub>1</sub> 04 21 25.7
Penticton	iP 14 40 19	D = 136 km
iP 12 12 30	Resolute	Victoria
	eP 14 41 21 d	iP <sub>1</sub> 04 20 54.0
NOVEMBER 18	Schefferville	iS <sub>1</sub> 04 20 58.8
Mould Bay	eP 14 38 58 c	D = 40 km
eP 14 45 38		
	NOVEMBER 19	NOVEMBER 20
	Schefferville	Resolute
	eP 14 44 02	e(P) 04 39 19

DOMINION OBSERVATORIES

NOVEMBER 20  
Mould Bay  
eP 05 18 23

NOVEMBER 20  
Mould Bay  
eP 06 34 05

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 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 20  
Mould Bay  
eP 12 52 57

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 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 21  
Penticton  
iP 00 43 02

NOVEMBER 21  
Penticton  
iP 05 45 43

NOVEMBER 21  
Resolute  
e(P) 06 05 (17)

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 21  
Penticton  
eP 22 18 06

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 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 22  
Penticton  
iP 04 28 17 d

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 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	Alert	Banff
U.S.C.G.S.	e 00 54.9	eP 23 17 49 d
50.7N, 129.1W	e 01 01 40	Penticton
Vancouver Island,	Banff	iP 23 17 37 d
British Columbia	eP 00 41 42	Resolute
H = 13 53 08.5	Mould Bay	eP' 23 23 (07)
h = about 33 km	eP 00 43 25 c	Victoria
Mould Bay	Penticton	iP 23 17 25 d
eP 13 58 38	iP 00 41 46 c	NOVEMBER 23
Penticton	Resolute	Mould Bay
eP 13 54 44	eP 00 43 05	eP 23 42 31 c
Victoria	Schefferville	Resolute
eP 13 54 14	eP 00 41 15	e(P) 23 43 (07)
NOVEMBER 22	Shawinigan Falls	NOVEMBER 24
U.S.C.G.S.	eP 00 40 19 c	Victoria
44.8N, 149.9E	Victoria	eP 00 45 11
Kurile Islands	eP 00 41 (50)	NOVEMBER 24
H = 14 20 10.0	NOVEMBER 23	NOVEMBER 24
h = about 33 km	U.S.C.G.S.	Mould Bay
Mould Bay	15.0S, 75.7W	iP 01 30 08 d
eP 14 28 41	Near south coast	NOVEMBER 24
Resolute	of Peru	U.S.C.G.S.
eP 14 29 28	H = 00 44 51.2	11.0N, 62.6W
NOVEMBER 22	h = about 40 km	Near north coast of
Mould Bay	Mould Bay	Venezuela
iP 20 58 58	eP 00 58 10 d	H = 07 31 46.5
i 20 59 01	Penticton	h = about 19 km
NOVEMBER 22	eP 00 56 24	Mould Bay
U.S.C.G.S.	Shawinigan Falls	eP 07 43 16
24.1S, 176.8W	eP 00 55 04	NOVEMBER 24
Tonga Islands region	NOVEMBER 23	U.S.C.G.S.
H = 23 55 28.3	Mould Bay	54.8N, 161.6E
h = about 391 km	eP 12 04 50	Near east coast of
Penticton	Penticton	Kamchatka
iP 24 07 43	iP 12 03 04 d	H = 14 21 39.7
NOVEMBER 23	NOVEMBER 23	h = about 33 km
U.S.C.G.S.	Mould Bay	Mould Bay
15.1S, 75.3W	eP 14 50 03 c	eP 14 28 31
Near coast of	NOVEMBER 23	Resolute
southern Peru	U.S.C.G.S.	e(P) 14 29 24
H = 00 30 04.5	21.5S, 179.3W	Fiji Islands
h = about 33 km	H = 23 05 47.4	H = 23 05 47.4
	h = about 609 km	h = about 609 km

DOMINION OBSERVATORIES

NOVEMBER 24	Mould Bay	NOVEMBER 25
U.S.C.G.S.	eP 10 03 58	Mould Bay
49.5N, 155.8E		eP 21 00 46
Kurile Islands region	NOVEMBER 25	
H = 15 52 20.1	Mould Bay	NOVEMBER 25
h = about 85 km	eP 11 41 35	U.S.C.G.S.
Alert		74.8N, 14.6E
eP 16 00 (45) c	NOVEMBER 25	Svalbard
Mould Bay	Mould Bay	H = 22 58 10.3
iP 15 59 59 c	iP 12 09 42 c	h = about 33 km
Resolute		Mould Bay
eP 16 00 49 c	NOVEMBER 25	eP 23 03 49
Schefferville	Penticton	
eP 16 03 25	iP 14 56 33	NOVEMBER 26
		U.S.C.G.S.
NOVEMBER 24	NOVEMBER 25	36.2N, 70.0E
U.S.C.G.S.	Mould Bay	Hindu Kush
9.8N, 40.7W	eP 15 50 35	H = 01 41 04.9
Mid-Atlantic Ocean	Resolute	h = about 110 km
H = 16 19 44.9	e(P) 15 51 13	Alert
h = about 33 km		i 01 51 26
Alert	NOVEMBER 25	Mould Bay
eP 16 31 14	Resolute	eP 01 51 51
Banff	eP 16 07 45	i 01 52 22
eP 16 31 12		Penticton
Mould Bay	NOVEMBER 25	i 01 54 46
eP 16 31 40	U.S.C.G.S.	
Penticton	16.3N, 94.2W	NOVEMBER 26
iP 16 31 27	Near coast of	Mould Bay
Schefferville	Chiapas, Mexico	eP 04 00 33
eP 16 28 33 c	H = 17 34 43.4	
Shawinigan Falls	h = about 100 km	NOVEMBER 26
eP 16 28 04	Alert	U.S.C.G.S.
	eP 17 45 28	39.8N, 77.2E
NOVEMBER 24	Banff	Sinkiang Prov.,
Canadian Arctic	eP 17 41 59 (c)	China
H = 21 17 40.9	Mould Bay	H = 05 29 30.2
Mag 1.8	eP 17 44 49 c	h = about 14 km
Resolute	Penticton	Alert
P <sub>1</sub> 21 17 47.5	iP 17 42 01 d	eP 05 39 11
S <sub>1</sub> 21 17 52.5	Resolute	Mould Bay
D = 41 km	eP 17 44 28 c	eP 05 40 02 c
		S 05 48 42
NOVEMBER 25	NOVEMBER 25	Penticton
U.S.C.G.S.	Mould Bay	iP 05 42 30
10.6N, 125.2E	eP 18 48 27	Resolute
Near north coast of		eP 05 40 (14)
Leyte, Philippine Islands	NOVEMBER 25	Schefferville
H = 09 51 22.8	Mould Bay	eP 05 41 45
h = about 47 km	eP 20 40 30	



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NOVEMBER 26 Mould Bay eP 06 12 08	NOVEMBER 26 Mould Bay eP 23 08 02	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 26 Mould Bay eP 07 20 57	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 Mould Bay eP 12 37 59
NOVEMBER 26 Mould Bay eP 08 20 15	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 Resolute e(P) 14 31 (26)
NOVEMBER 26 Penticton eP 10 59 30	NOVEMBER 27 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 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 26 Resolute eP 11 07 (25)	NOVEMBER 27 Penticton eP 09 45 29	NOVEMBER 27 Mould Bay eP 17 15 38
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 27 Mould Bay eP 12 02 16 c	NOVEMBER 27 Mould Bay eP 18 23 22
NOVEMBER 26 Mould Bay eP 20 33 24	NOVEMBER 27 Mould Bay eP 22 55 34 c	

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  
 Pentiction  
 iP 02 48 24 d  
 Resolute  
 eP 02 48 28 d  
 Victoria  
 eP 02 48 13  
 Yellowknife  
 eP 02 48 18

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  
 Pentiction  
 iP 06 05 01 c  
 Resolute  
 eP 06 04 46 c  
 Yellowknife  
 iP 06 04 44 c

NOVEMBER 28  
 Pentiction  
 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  
 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  
 48°44'N, 123°22'W  
 Gulf Islands  
 H = 22 40 46  
 Mag 1.3  
 Alberni  
 iP<sub>1</sub> 22 41 05.6  
 D = 124 km  
 Victoria  
 iP<sub>1</sub> 22 40 49.3  
 iS<sub>1</sub> 22 40 52.1  
 D = 23 km

NOVEMBER 28  
 Dominion Observatory  
 79°N, 18°W  
 Near Norske Island off  
 the northeast coast of  
 Greenland  
 H = 23 56 41  
 Mag 5.0  
 Alert  
 P<sub>n</sub> 23 58 38  
 i 23 59 56  
 S<sub>n</sub> 24 00 01  
 L 24 00 47  
 D = 900 km

Mould Bay  
 P<sub>n</sub> 24 01 14  
 S<sub>n</sub> 24 04 33  
 D = 2200 km  
 Resolute  
 P<sub>n</sub> 24 00 38  
 S<sub>n</sub> 24 03 32  
 D = 1900 km

NOVEMBER 29  
 Mould Bay  
 eP 01 50 09  
 Pentiction  
 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  
 Pentiction  
 eP 04 54 23

NOVEMBER 29  
 Pentiction  
 eP 05 08 28

NOVEMBER 29  
 Mould Bay  
 eP 05 49 01

NOVEMBER 29  
 Mould Bay  
 eP 06 49 08

NOVEMBER 29  
 Pentiction  
 eP 07 43 39

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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  
P<sub>n</sub> 02 16 51  
D = 2340 km

Schefferville

P<sub>n</sub> 02 13 48  
S<sub>n</sub> 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

P<sub>n</sub> 09 40 31  
S<sub>n</sub> 09 41 15  
L<sub>g</sub> 09 41 38  
D = 472 km

Resolute

P<sub>n</sub> 09 40 01.5  
iP<sub>1</sub> 09 40 07.2  
iS<sub>n</sub> 09 40 27  
i 09 40 31.5  
S<sub>1</sub> 09 40 38  
D = 248 km

NOVEMBER 30

U.S.C.G.S.  
24.2N, 94.5E  
Burma  
H = 16 02 13.6  
h = about 175 km  
Alert  
eP 16 13 25 c  
Mould Bay  
eP 16 13 51 c  
Resolute  
eP 16 14 11 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

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

DOMINION OBSERVATORIES

NOVEMBER 30	Alert	Penticton
Penticton	eP' 04 35 (49)	iP 21 14 24 c
eP 23 10 06	Mould Bay	
	eP' 04 35 28 c	DECEMBER 1
NOVEMBER 30	Resolute	45°34'N, 69°08'W
U.S.C.G.S.	eP' 04 35 37 d	Central Maine where
34.4N, 116.8W	Schefferville	it was reported felt
San Bernardino County,	eP' 04 35 (55)	H = 21 29 33
California		Mag 3.0
H = 23 51 05.7	DECEMBER 1	Halifax
h = about 33 km	Mould Bay	Lg 21 31 39
Mag 4 (PAS)	eP 04 45 18	D = 448 km
Mould Bay		Montreal
eP 23 58 59	DECEMBER 1	e 21 31 07
	Mould Bay	e 21 31 09
DECEMBER 1	eP 06 42 08	Lg 21 31 12
U.S.C.G.S.		D = 350 km
52.4N, 170.1W	DECEMBER 1	Shawinigan Falls
Fox Islands,	Mould Bay	Lg 21 30 58.7
Aleutian Islands	eP 08 04 40	D = 302 km
H = 01 50 20.4		
h = about 38 km	DECEMBER 1	DECEMBER 2
Alert	Mould Bay	Mould Bay
eP 01 57 58	eP 09 31 20	eP 02 25 00
e 01 59.6		
Banff	DECEMBER 1	DECEMBER 2
eP 01 56 55	H = 13 15 20	Alert
Halifax	Mag 1.3	eP 03 37 24
eP 02 00 56	Penticton	Mould Bay
Mould Bay	iP <sub>1</sub> 13 15 46.3	eP 03 37 31
iP 01 56 33	iS <sub>1</sub> 13 16 06.3	Penticton
Penticton	D = 164 km	eP 03 40 25
iP 01 56 41		Resolute
Resolute	DECEMBER 1	P 03 37 (17)
eP 01 57 24 d	U.S.C.G.S.	
Schefferville	30.8S, 71.3W	DECEMBER 2
eP 01 59 54	Central Chile	Resolute
Shawinigan Falls	H = 13 32 24.8	P 04 27 (15)
iP 02 00 16 c	h = about 68 km	
Victoria	Penticton	DECEMBER 2
eP 01 56 25	iP 13 45 21 c	U.S.C.G.S.
Yellowknife		13.5N, 146.0E
iP 01 56 32	DECEMBER 1	Mariana Islands
	U.S.C.G.S.	H = 09 49 48.4
DECEMBER 1	17.7S, 178.7W	h = about 67 km
U.S.C.G.S.	Fiji Islands	Alert
29.7S, 177.7W	H = 21 02 51.8	eP 10 02 10
Kermadec Islands	h = about 620 km	Mould Bay
H = 04 16 59.6	Mould Bay	eP 10 01 (42)
h = about 52 km	eP 21 15 34 d	

SEISMOLOGICAL BULLETIN - 1962

Resolute P 10 02 (16) Yellowknife e 10 02 04	DECEMBER 3 Mould Bay eP 11 37 (35) Resolute P 11 38 44 Yellowknife eP 11 37 35 d	Mould Bay eP 06 25 13 Resolute eP 06 25 54 c
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 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 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 2 Resolute P 14 05 (15)	DECEMBER 4 Resolute P 00 59 (57)	
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 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 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 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 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	DECEMBER 4 Mould Bay eP 08 47 31 Penticton iP 08 45 42
DECEMBER 3 Penticton iP 10 47 24 Yellowknife e 10 47 06		



DOMINION OBSERVATORIES

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

DECEMBER 4  
Penticton  
eP 12 11 03

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

DECEMBER 4  
Resolute  
P 17 17 50

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

DECEMBER 4  
Mould Bay  
eP 20 43 17  
Resolute  
P 20 43 (30)

DECEMBER 5  
Mould Bay  
eP 00 30 40

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

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

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

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

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

DECEMBER 5  
Alert  
i 14 22 46

DECEMBER 5  
Shawinigan Falls  
eP 19 41 33

DECEMBER 6  
Mould Bay  
eP 00 08 02

DECEMBER 6  
Penticton  
eP 00 16 15

DECEMBER 6  
U.S.C.G.S.  
30.7N, 142.0E  
South of Honshu,  
Japan  
H = 02 13 25.1  
h = about 33 km  
Alert

eP 02 24 13  
e 02 24 26  
Mould Bay  
eP 02 23 (45)  
Resolute  
P 02 24 (26)

DECEMBER 6  
Mould Bay  
eP 02 36 26

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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

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

DECEMBER 6

Resolute  
(P) 05 22 02

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

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

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)

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)

DECEMBER 6

Mould Bay  
eP 17 50 54  
Resolute  
P 17 51 41

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)

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

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

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)

DOMINION OBSERVATORIES

Alert		DECEMBER 7	Mould Bay
eP	14 13 56	U.S.C.G.S.	eP 14 29 37
iS	14 22 20	13.9N, 120.6E	Resolute
Banff		Near west coast of	P 14 30 (04)
eP	14 14 47	Central Luzon, P.I.	
Mould Bay		H = 23 55 03.0	DECEMBER 8
eP	14 13 32 c	h = about 178 km	U.S.C.G.S.
Penticton		Mould Bay	23.6S, 69.4W
iP	14 14 36 c	eP 24 07 11 c	Near coast of
Resolute		Resolute	northern Chile
eP	14 14 10 (d)	P 24 07 38	H = 18 00 41.1
Schefferville			h = about 100 km
eP	14 16 09	DECEMBER 8	Penticton
Victoria		U.S.C.G.S.	iP 18 13 08 d
eP	14 14 28	62.6N, 151.6W	Schefferville
Yellowknife		Central Alaska	eP 18 12 30 c
iP	14 14 13	H = 01 43 43.8	Yellowknife
DECEMBER 7		h = about 33 km	iP 18 13 43
Yellowknife		Mould Bay	pP 18 14 06
iP	14 41 26 c	eP 01 47 43	DECEMBER 8
DECEMBER 7		Penticton	U.S.C.G.S.
Mould Bay		iP 01 48 38 d	15.2S, 173.7W
i	15 15 10	Resolute	Tonga Islands region
DECEMBER 7		P 01 48 (41)	H = 18 18 29.1
Mould Bay		Yellowknife	h = about 33 km
eP	19 07 32	iP 01 47 36	Banff
Resolute		DECEMBER 8	eP 18 30 51 d
P	19 07 (29)	Resolute	Mould Bay
DECEMBER 7		P 03 13 10	eP 18 31 57
Penticton		DECEMBER 8	Penticton
iP	19 41 08	U.S.C.G.S.	iP 18 30 36 d
DECEMBER 7		36.5N, 55.0E	Resolute
H = 22 26 41		Northern Iran	P 18 32 (20)
Mag 1.8		H = 09 02 54.4	Victoria
Penticton		h = about 33 km	eP 18 30 23
iP <sub>1</sub>	22 27 08.5	Alert	Yellowknife
iS <sub>1</sub>	22 27 29.5	eP 09 12 41	iP 18 31 24
D = 172 km		Mould Bay	DECEMBER 8
DECEMBER 7		eP 09 13 48	U.S.C.G.S.
Resolute		DECEMBER 8	25.8S, 63.4W
eP	23 05 33 (d)	U.S.C.G.S.	Salta-Santiago Del
		37.1N, 95.5E	Estero Prov. Border,
		Tsinghai Province,	Argentina
		China	H = 21 27 22.2
		H = 14 19 00.1	h = about 620 km
		h = about 33 km	

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Alert		DECEMBER 8	DECEMBER 9
eP	21 40 40	Penticton	U.S.C.G.S.
Banff		iP	17.7S, 173.6W
eP	21 39 15		Tonga Islands region
Halifax		DECEMBER 9	H = 20 54 13.7
iP	21 37 36 c	Mould Bay	h = about 60 km
London		eP	Mag 5.2 (CGS)
iP	21 37 36		Penticton
iS	21 46 08	DECEMBER 9	eP
Mould Bay		Resolute	21 06 28
eP	21 40 37	e	
Penticton			DECEMBER 9
iP	21 39 18 c		U.S.C.G.S.
Resolute		DECEMBER 9	39.9N, 140.5E
P	21 40 15	H = 10 08 57	Northern Honshu,
Schefferville		Mag 2.8	Japan
iP	21 38 31 d	Penticton	H = 21 17 02.0
Shawinigan Falls		eP <sub>n</sub>	h = about 33 km
iP	21 37 50 d	eS <sub>n</sub>	Mould Bay
Victoria		D = 285 km	eP
eP	21 39 25		21 26 24
Yellowknife		DECEMBER 9	Penticton
eP	21 39 47	U.S.C.G.S.	eP
		43.5N, 147.3E	21 27 45
		Kurile Islands region	Resolute
		H = 10 17 39.5	P
		h = about 34 km	21 27 06
		Penticton	
		iP	DECEMBER 10
		10 27 48 d	Mould Bay
		Resolute	eP
		P	00 30 27 d
		10 27 09	
		Yellowknife	DECEMBER 10
		eP	Resolute
		10 27 15	P
			05 09 16
DECEMBER 8			
U.S.C.G.S.		DECEMBER 9	DECEMBER 10
50.5N, 176.8W		U.S.C.G.S.	Mould Bay
Andreanof Island,		22.4S, 177.0W	eP
Aleutian Islands		Tonga Islands region	00 30 27 d
H = 22 55 01.2		H = 14 16 05.2	
h = about 33 km		H = about 204 km	DECEMBER 10
Alert		Penticton	Resolute
eP	23 03 01	iP	P
Banff		14 28 33 d	05 09 16
eP	23 02 15		
Halifax		DECEMBER 9	DECEMBER 10
iP	23 06 05 (c)	U.S.C.G.S.	U.S.C.G.S.
Mould Bay		22.4S, 177.0W	28.3S, 62.7E
eP	23 01 43 c	Tonga Islands region	Indian Ocean
Penticton		H = 14 16 05.2	H = 04 56 19.4
iP	23 02 02 d	H = about 204 km	h = about 33 km
Resolute		Penticton	Alert
P	23 02 35	iP	eP'
Schefferville		14 28 33 d	05 15 11 d
eP	23 05 06		Banff
Shawinigan Falls		DECEMBER 9	eP'
eP	23 05 28	Mould Bay	05 16 10
Victoria		eP	London
eP	23 01 45	14 59 56	iP'
		Resolute	05 16 02
		P	Mould Bay
		15 00 (23)	eP'
			05 15 29
			Penticton
			iP'
			05 16 15 c
			Resolute
			P'
			05 15 30
			Schefferville
			eP'
			05 15 36

DOMINION OBSERVATORIES

Shawinigan Falls	DECEMBER 11	Banff
eP' 05 15 (43)	U.S.C.G.S.	eP 00 13 59
Victoria	48.9S, 124.6E	Mould Bay
eP' 05 16 (20)	About 2000 km south	eP 00 12 35
e 05 16 54	of Australia	Penticton
Yellowknife	H = 02 34 09.7	iP 00 13 53 d
iP' 05 15 54 d	h = about 33 km	Resolute
	Resolute	P 00 13 (13)
DECEMBER 10	P' 02 53 54	Victoria
Penticton	Yellowknife	eP 00 13 43
eP 10 24 33	eP' 02 53 43	
		DECEMBER 12
DECEMBER 10	DECEMBER 11	U.S.C.G.S.
Penticton	Penticton	4.8S, 153.8E
iP 10 40 07	iP 05 05 05	New Britain
		H = 10 08 48.5
DECEMBER 10	DECEMBER 11	h = about 94 km
U.S.C.G.S.	Canadian Arctic	Alert
49.7N, 155.8E	H = 13 19 47	pP 10 22 58
Kurile Islands region	Mag 3.9	Banff
H = 16 09 58.3	Resolute	eP 10 21 59
Alert	P <sub>n</sub> 13 21 04	Halifax
eP 16 18 23 c	S <sub>n</sub> 13 22 06	pP 10 28 17 c
Mould Bay	Lg 13 22 46	Mould Bay
eP 16 17 40 c	D = 665 km	eP 10 21 57
Resolute		pP 10 22 27
eP 16 18 30 d	DECEMBER 11	Penticton
Yellowknife	U.S.C.G.S.	eP 10 21 47
eP 16 18 32	39.1N, 144.3E	Resolute
DECEMBER 10	Off east coast of	pP 10 22 (56)
Resolute	Honshu, Japan	Victoria
eP 16 54 48	H = 16 14 47.1	pP 10 22 04
	h = about 44 km	Yellowknife
DECEMBER 10	Resolute	eP 10 21 (59)
U.S.C.G.S.	eP 16 24 51 c	pP 10 22 30
27.2S, 176.8W		
Kermadec Islands region	DECEMBER 11	DECEMBER 12
H = 16 56 04.5	Penticton	Yellowknife
h = about 88 km	eP 17 16 47	e 10 38 54
Banff		
eP 17 09 16	DECEMBER 12	DECEMBER 12
Penticton	U.S.C.G.S.	U.S.C.G.S.
iP 17 09 03 d	33.0N, 136.0E	39.6N, 140.5E
Victoria	Southern Honshu,	Northern Honshu,
eP 17 08 52	Japan	Japan
	H = 00 02 58.4	H = 11 29 39.5
	h = about 407 km	h = about 66 km
		Penticton
		iP 11 40 26

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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  
 Penticton  
 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  
 Penticton  
 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  
 Penticton  
 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)  
 Penticton  
 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  
 49.1°N, 120.7°W  
 Near Copper  
 Mountain  
 H = 16 35 08  
 Mag 2.1  
 Penticton  
 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	DECEMBER 15	Alert
iP 17 01 58	U.S.C.G.S.	P <sub>n</sub> 13 30 36
Penticton	40.7N, 117.5W	S <sub>n</sub> 13 31 51
eP 17 04 47	Nevada	D = 807 km
Shawinigan Falls	H = 06 34 58.6	Mould Bay
eP 17 05 10	h = about 33 km	P <sub>n</sub> 13 32 52
	Mag 4 1/2 - 4 3/4	D = 1925 km
DECEMBER 14	(PAS)	Resolute
U.S.C.G.S.	Mould Bay	P <sub>n</sub> 13 32 47
43.8N, 148.3E	eP 06 41 51	e 13 35 45
Kurile Islands	Penticton	D = 1882 km
H = 18 01 30.8	eP 06 37 10	
h = about 125 km	Resolute	DECEMBER 16
Mould Bay	eP 06 41 (57)	Mould Bay
eP 18 10 01		eP 18 30 02
Resolute	DECEMBER 15	
eP 18 10 47 d	Penticton	DECEMBER 16
	eP 14 37 22	Penticton
DECEMBER 14		eP 19 15 20
Mould Bay	DECEMBER 15	
eP 19 55 32 d	Mould Bay	DECEMBER 16
	iP 19 47 46	Penticton
DECEMBER 15		eP 20 00 38
Probably about 15 miles	DECEMBER 15	
from Sept Iles, Quebec.	Mould Bay	DECEMBER 16
Felt at Sept Iles	eP 23 28 50	Penticton
H = 00 58 32		eP 20 44 49
Mag 4.6	DECEMBER 16	
Montreal	Alert	DECEMBER 16
P <sub>n</sub> 01 00 05	i 03 09 22	Penticton
S <sub>n</sub> 01 01 13		eP 21 39 16
Lg 01 01 50	DECEMBER 16	
D = about 715 km	U.S.C.G.S.	DECEMBER 16
	36.2N, 71.3E	Mould Bay
DECEMBER 15	Hindu Kush	eP 22 31 32
U.S.C.G.S.	H = 06 34 15.6	Penticton
67.2N, 13.7E	h = about 145 km	iP 22 28 50 c
Near coast of	Mould Bay	
Central Norway	eP 06 44 (58)	DECEMBER 16
H = 03 48 38.0		Penticton
h = about 33 km	DECEMBER 16	eP 23 15 01
Mould Bay	Dominion Observatory	
eP 03 55 19	86°N, 0°	DECEMBER 17
DECEMBER 15	About 275 miles from	U.S.C.G.S.
Mould Bay	the North Pole in the	2.1N, 122.9E
eP 04 50 13	direction of Greenwich	Celebes Sea
	H = 13 28 52	H = 11 00 16.0
	Mag 4.4	h = about 393 km

SEISMOLOGICAL BULLETIN - 1962

Alert eP 11 12 57	DECEMBER 18 U.S.C.G.S. 39.8N, 71.4E	DECEMBER 18 Canadian Arctic H = 10 37 43.5
London iP' 11 18 40	Kirghiz, S.S.R. H = 02 06 09.2	Mag 2.2
i 11 21 24	h = about 77 km	Resolute
Mould Bay eP 11 12 52 c	Mould Bay eP 02 16 36 c	P <sub>1</sub> 10 37 54
Penticton eP 11 13 46	Penticton iP 02 19 06	S <sub>1</sub> 10 38 02
Resolute eP 11 13 17	Resolute eP 02 16 (44)	D = 65.6 km
Schefferville eP' 11 18 26	DECEMBER 18 U.S.C.G.S. 21.6N, 143.1E	DECEMBER 18 Penticton eP 10 43 58
Shawinigan Falls eP' 11 18 40	Mariana Islands region H = 02 54 47.1	DECEMBER 18 U.S.C.G.S. 28.3S, 178.2W
Victoria eP 11 13 37	h = about 306 km	Kermadec Islands H = 10 33 58.4
DECEMBER 17 U.S.C.G.S. 38.0N, 106.1E	Mag 5.0 (CGS)	h = about 214 km
Ninsia Prov., China H = 17 25 40.8	Alert iP 03 05 58 d	Alert eP' 10 52 24
h = about 33 km	Mould Bay iP 03 05 32 d	Mould Bay eP' 10 52 04
Mould Bay eP 17 36 03	Penticton iP 03 06 16	Penticton eP 10 46 49
Resolute eP 17 36 (31)	Resolute iP 03 06 08 d	Resolute eP' 10 52 13 d
DECEMBER 17 Mould Bay eP 19 39 23	Victoria eP 03 06 04	Victoria eP 10 46 39
Resolute eP 19 39 10 d	DECEMBER 18 U.S.C.G.S. 23.8N, 93.9E	DECEMBER 18 U.S.C.G.S. 2.7N, 129.1E
DECEMBER 17 Mould Bay eP 20 28 48	India-Burma Border region H = 03 51 00.2	Halmahera region H = 12 37 16.1
DECEMBER 17 Resolute eP 20 28 35	h = about 124 km	h = about 96 km
DECEMBER 17 Resolute eP 20 44 27	Mould Bay eP 04 02 46	Mould Bay eP 12 50 17
DECEMBER 18 Mould Bay eP 07 38 33	DECEMBER 18 Mould Bay eP 07 38 33	Resolute eP 12 50 45 d
Shawinigan Falls e(P) 07 32 23	Shawinigan Falls e(P) 07 32 23	DECEMBER 18 Penticton eP 13 50 35
DECEMBER 18 Penticton eP 14 30 50		DECEMBER 18 Penticton eP 14 30 50

DOMINION OBSERVATORIES

DECEMBER 18	DECEMBER 19	Halifax
Mould Bay	Mould Bay	L <sub>g</sub> 04 28 00
eP 15 01 00	eP 11 33 (05)	D = 1020 km
i 15 01 45		Ottawa
DECEMBER 18	DECEMBER 19	L <sub>g</sub> 04 29 53
U. S. C. G. S.	Mould Bay	D = 1422 km
43.7N, 147.0E	eP 12 49 21 c	Resolute
East of Hokkaido,	Resolute	L <sub>g</sub> 04 36 30
Japan	e(P) 12 49 (54)	D = 2830 km
H = 20 47 41.5	DECEMBER 19	Schefferville
h = about 80 km	U. S. C. G. S.	P <sub>n</sub> 04 24 24
Resolute	4.7S, 154.0E	i 04 24 25.5
eP 20 57 (03)	Solomon Islands	iP <sub>1</sub> 04 24 35
DECEMBER 18	H = 12 56 19.7	i 04 24 59.5
Mould Bay	h = about 98 km	S <sub>n</sub> 04 25 17
eP 22 53 57	Mould Bay	S <sub>1</sub> 04 25 40
Penticton	eP 13 09 27	D = 525 km
iP 22 55 06 c	pP 13 09 57	DECEMBER 20
Resolute	DECEMBER 19	U. S. C. G. S.
eP 22 54 (51)	Mould Bay	20.0S, 174.1W
DECEMBER 18	iP 17 41 55	Tonga Islands region
Mould Bay	Resolute	H = 08 32 37.3
eP 22 59 17	e(P) 17 42 (44)	h = about 33 km
DECEMBER 19	DECEMBER 20	Penticton
H = 04 48 34	Banff	eP 08 45 08
Mag 2.3	eP <sub>n</sub> 00 40 42.8	DECEMBER 20
Penticton	eS <sub>n</sub> 00 41 30.3	U. S. C. G. S.
iP <sub>n</sub> 04 49 13.5	D = 390 km	23.4S, 179.3E
iS <sub>n</sub> 04 49 46.1	Penticton	Fiji Islands region
D = 267 km	eP <sub>n</sub> 00 40 48.4	H = 08 47 23.3
DECEMBER 19	eS <sub>n</sub> 00 41 51.6	h = about 512 km
U. S. C. G. S.	D = 436 km	Mould Bay
51.5N, 170.8W	DECEMBER 20	eP' 09 04 48
Fox Islands,	Mould Bay	Penticton
Aleutian Islands	eP 02 14 23	eP 08 59 31
H = 05 17 18.1	DECEMBER 20	DECEMBER 20
h = about 33 km	Penticton	U. S. C. G. S.
Mould Bay	eP 03 10 12	61.8S, 161.2E
iP 05 23 41 c	DECEMBER 20	Balleney Islands
Resolute	52.8°N, 59.4°W	region
eP 05 24 (31)	About 60 miles south-	H = 18 20 55.8
Schefferville	west of Goose Bay,	h = about 29 km
eP 05 27 00	Labrador, Nfld.	Mould Bay
	H = 04 23 12	eP' 18 40 31
	h = 0	Resolute
	Mag 4.4	eP' 18 40 (45)

SEISMOLOGICAL BULLETIN - 1962

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.  
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<sup>+2.0°</sup>,  
146.7W<sup>+5.0°</sup>  
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	Ottawa	Alert
U.S.C.G.S.	iP 09 10 26	iP 09 42 44 d
52.4N, 168.5W	Penticton	Banff
Fox Islands,	iP 09 06 54	eP 09 43 55
Aleutian Islands	Resolute	Mould Bay
H = 08 42 48.3	eP 09 07 40	eP 09 42 18
h = about 33 km	Yellowknife	S 09 49 31
Mag 6 1/4 (BRK)	iP 09 06 47 (d)	Ottawa
6 1/2 (PAS)		iP 09 45 54 d
6 3/4 (PAL)	DECEMBER 21	Penticton
Alert	U.S.C.G.S.	iP 09 43 47 d
eP 08 50 25	52.5N, 168.5W	Resolute
S 08 56 42	Fox Islands,	iP 09 43 01 d
Banff	Aleutian Islands	Schefferville
eP 08 49 15	H = 09 10 01.6	eP 09 45 24(d)
Halifax	h = about 33 km	Shawinigan Falls
eP 08 53 20	Alert	iP 09 45 54
London	eP 09 17 (38)	Victoria
iP 08 52 25 c	Banff	iP 09 43 37 d
Mould Bay	eP 09 16 27	
eP 08 48 57 c	Mould Bay	DECEMBER 21
Ottawa	eP 09 16 09	U.S.C.G.S.
eP 08 52 23	S 09 22 55	22.8S, 66.5W
Penticton	Ottawa	Bolivia-Argentina
eP 08 49 01	eP 09 19 46	Border region
Resolute	Penticton	H = 09 42 46.0
eP 08 49 47	eP 09 16 11	h = about 200 km
Schefferville	Resolute	Penticton
eP 08 52 18 c	iP 09 17 02 d	iP 09 55 04
Shawinigan Falls	Schefferville	Victoria
iP 08 52 38 d	eP 09 19 32 d	eP 09 55 10
Victoria	Shawinigan Falls	
eP 08 48 43	iP 09 19 50 c	DECEMBER 21
Yellowknife	Yellowknife	Mould Bay
iP 08 48 53	iP 09 16 07 c	eP 12 42 37
DECEMBER 21		
U.S.C.G.S.	DECEMBER 21	DECEMBER 21
52.4N, 168.5W	Mould Bay	U.S.C.G.S.
Fox Islands,	eP 09 26 31	52.6N, 168.3W
Aleutian Islands	Resolute	Fox Islands,
H = 09 00 41.4	eP 09 27 04	Aleutian Islands
h = about 33 km		H = 14 40 40.3
Alert	DECEMBER 21	h = about 16 km
eP 09 08 18	U.S.C.G.S.	Mould Bay
Banff	42.4N, 142.3E	eP 14 46 51 c
eP 09 07 08	Near south coast of	
Mould Bay	Hokkaido, Japan	
eP 09 06 50	H = 09 33 15.5	
S 09 13 32	h = about 27 km	

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	DECEMBER 22 U.S.C.G.S. 4.7N, 125.7E	DECEMBER 22 Penticton eP 15 43 14
Schefferville eP' 02 19 (05)	Near south coast of Mindanao, Philippine Islands	DECEMBER 22 Mould Bay iP 15 58 17
Shawinigan Falls eP' 02 19 15	H = 14 09 29.7	
Yellowknife iP' 02 18 29 c	h = about 18 km Mould Bay eP 14 22 (32)	DECEMBER 23 U.S.C.G.S. 41.3N, 20.4E
DECEMBER 22 U.S.C.G.S. 1.1S, 81.0W	DECEMBER 22 Mould Bay	Albanian-Yugoslavia Border region
Near coast of Ecuador	eP 15 22 18	H = 00 43 56.3 h = about 33 km
H = 06 35 57.1 h = about 33 km	DECEMBER 22 U.S.C.G.S. 52.5N, 168.8W	Mould Bay eP 00 54 01
Mould Bay eP 06 48 06 c	Fox Islands, Aleutian Islands	DECEMBER 23 Mould Bay eP 02 40 53
Penticton iP 06 46 07 c	H = 15 20 31.0 h = about 47 km Mag 6 1/4 (PAS)	
DECEMBER 22 U.S.C.G.S. 0.9N, 125.8E	Alert eP 15 28 06 c	DECEMBER 23 U.S.C.G.S. 37.9N, 73.1E
Molucca Sea H = 09 24 41.5 h = about 33 km	S 15 33 58	Hindu Kush H = 06 28 07.0 h = about 196 km
Mould Bay eP 09 38 02	Banff eP 15 26 58	Mould Bay iP 06 38 32 d
DECEMBER 22 Shawinigan Falls eP 10 51 29	Halifax eP 15 31 02 (C)	Yellowknife eP 06 39 54 d
DECEMBER 22 Penticton eP 11 07 41	London eP 15 30 07 (d)	
DECEMBER 22 U.S.C.G.S. 15.1S, 173.0W	Mould Bay eP 15 26 39	DECEMBER 23 U.S.C.G.S. 26.7N, 116.4E
Samoa Islands region H = 11 28 03.4 h = about 55 km	Ottawa eP 15 30 15	Fukien Province, China
Penticton iP 11 40 07	Penticton eP 15 26 43	H = 08 20 09.2 h = about 33 km
DECEMBER 22 U.S.C.G.S. 15.1S, 173.0W	Resolute eP 15 27 30	Mould Bay iP 08 31 30
Samoa Islands region H = 11 28 03.4 h = about 55 km	Schefferville iP 15 30 00 d	DECEMBER 23 Resolute e(P) 10 02 35
Penticton iP 11 40 07	Shawinigan Falls eP 15 30 20	
	Victoria eP 15 26 27	
	Yellowknife iP 15 26 34	

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	DECEMBER 29	DECEMBER 30
U.S.C.G.S.	Penticton	U.S.C.G.S.
20.0S, 69.9W	eP 15 14 51	5.0N, 125.8E
Northern Chile		Banda Sea
H = 10 41 04.1	DECEMBER 30	H = 21 16 42.5
h = about 46 km	Mould Bay	h = about 33 km
Mag 6 3/4 (PAS)	eP 02 35 08	Mould Bay
6 1/2 (BRK)		eP 21 29 44
6 (PAL)	DECEMBER 30	
Alert	U.S.C.G.S.	DECEMBER 30
eP 10 54 56	15.4N, 119.7E	U.S.C.G.S.
Banff	West of Luzon,	42.6N, 144.3E
eP 10 53 16 c	Philippine Islands	Near south coast of
Halifax	H = 07 07 10.5	Hokkaido, Japan
eP 10 51 39 (c)	h = about 33 km	H = 22 08 38.3
London	Mould Bay	h = about 86 km
iP 10 51 32 c	eP 07 19 29 d	Mould Bay
Mould Bay	Resolute	eP 22 17 29
eP 10 54 48	e(P) 07 19 57	Resolute
Ottawa		eP 22 18 13
iP 10 51 44 c	DECEMBER 30	
Penticton	U.S.C.G.S.	DECEMBER 31
iP 10 53 21 c	36.8N, 72.3E	U.S.C.G.S.
Resolute	Hindu Kush	52.5N, 160.8E
eP 10 54 (29)	H = 15 25 40.3	Near east coast of
Schefferville	h = about 232 km	Kamchatka
eP 10 52 40 c	Mould Bay	H = 08 00 23.8
Shawinigan Falls	eP 15 36 10 d	h = about 51 km
iP 10 51 51 c		Alert
Victoria	DECEMBER 30	eP 08 08 23
eP 10 53 27	Mould Bay	Mould Bay
Yellowknife	eP 18 06 20	eP 08 07 (33)
iP 10 53 57 c		Penticton
		eP 08 08 57
DECEMBER 29	DECEMBER 30	Resolute
U.S.C.G.S.	U.S.C.G.S.	eP 08 08 26 d
31.2S, 177.9W	4.7S, 153.7E	Yellowknife
Kermadec Islands	New Britain	eP 08 08 21
region	H = 18 16 21.4	
H = 14 47 41.4	h = about 116 km	DECEMBER 31
h = about 43 km	Alert	U.S.C.G.S.
Mag 6 - 6 1/4 (PAS)	i 18 40 32	62.5N, 149.5W
Alert	Mould Bay	Central Alaska
eP' 15 06 (35)	eP 18 29 26	H = 15 42 23.0
Penticton		h = 113 km
eP 15 01 02	DECEMBER 30	Mould Bay
Resolute	Mould Bay	eP 15 46 19
eP' 15 06 (25)	iP 20 44 34	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  $\pm$  1.0°, 106.4°W  $\pm$  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  $\pm$  1.0°, 132.6°W  $\pm$  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  $\pm$  0.5°, 97.5°W  $\pm$  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  $\pm$  1.0°, 57.5°W  $\pm$  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  $\pm$  2.0°, 135.0°W  $\pm$  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  $\pm$  2.0°, 103.5°W  $\pm$  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  $\pm$  1.0°, 58.3°W  $\pm$  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  $\pm$  0.5°, 89.4°W  $\pm$  1.0°. M = 4.7.  
Near Wager Bay, about 200 miles northeast of Baker Lake, N.W.T.

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.

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  $\pm$  2.0°, 54.8°W  $\pm$  3.0°. M = 4.5.  
In the Labrador Sea.

DECEMBER 1 21 29 23 45°34'N  $\pm$  25', 69°08'W  $\pm$  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  $\pm$  1.0°, 59.4°W  $\pm$  1.5°. Near the surface. M = 4.4. About 60 miles southeast of Goose Bay, Labrador, Nfld.

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.

SEISMOLOGICAL BULLETIN - 1962

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.





