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SEISMOLOGICAL SERIES

of the

DOMINION OBSERVATORY

1962-1

(Continued)

Seismological Bulletin

July-September

1962

Seismological Service
of Canada

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GEOLOGICAL SURVEY

OTTAWA, CANADA

Department of Mines and Technical Surveys

DOMINION OBSERVATORIES

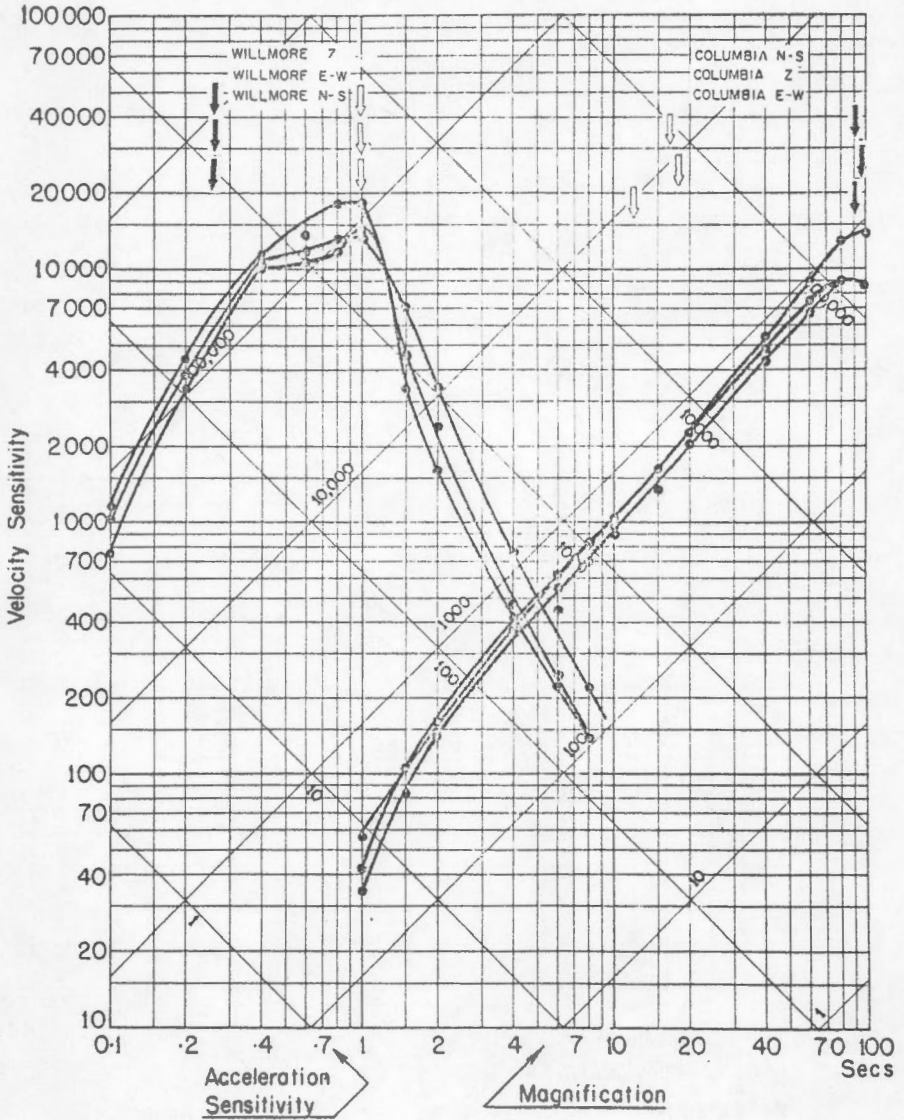
1963

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CALIBRATION CURVES

STATION: MOULD BAY



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

Foundation : Regolith and solifluxion deposits overlying Devonian sandstone (permafrost)

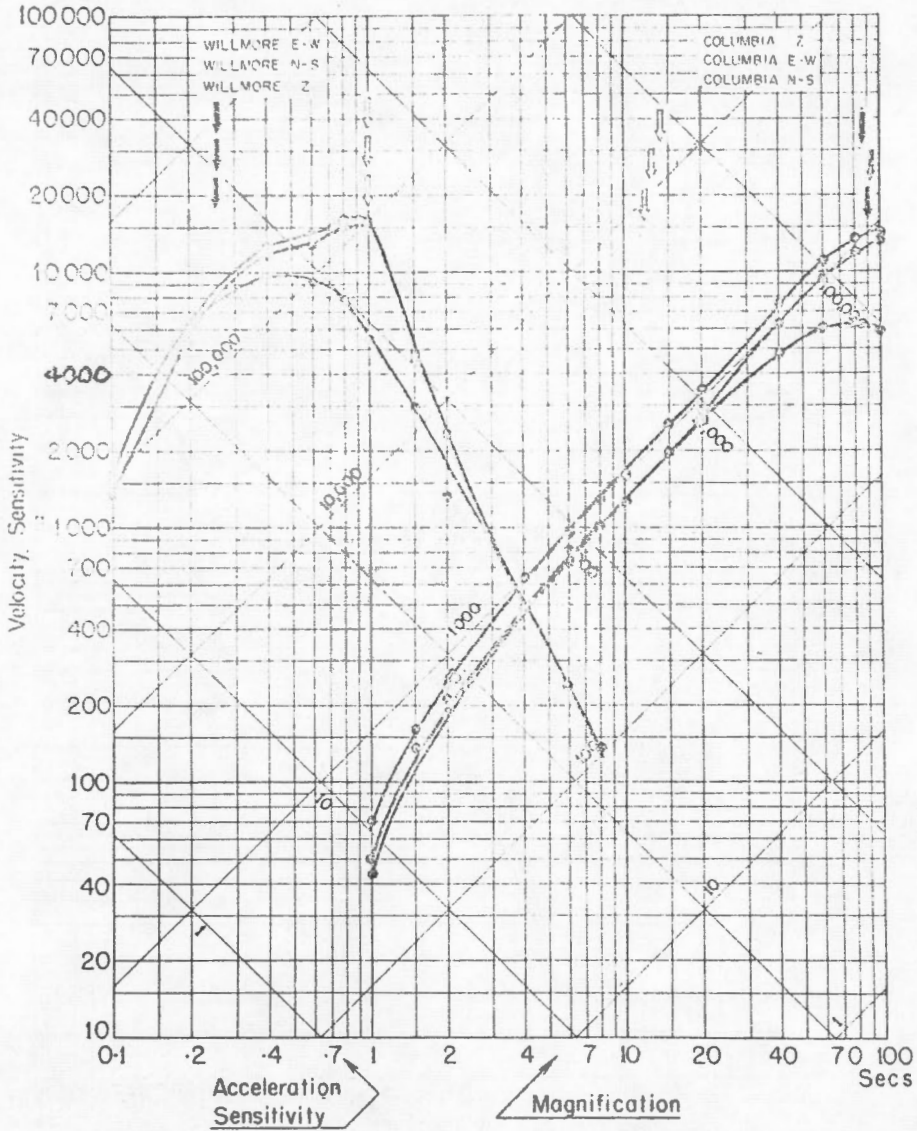
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: 1962

WILLMORE'S		COLUMBIA'S	
S. P. -Z.	AUG. - 27	L. P. -Z.	AUG. - 31
S. P. H. - N. S.	AUG. - 27	L. P. H. - N. S.	AUG. - 30
S. P. H. - E. W.	AUG. - 27	L. P. H. - E. W.	AUG. - 30

CALIBRATION CURVES
STATION: SCHEFFERVILLE



$\phi = 54^{\circ}49'N$ $\lambda = 66^{\circ}47'W$ Altitude 540M

Foundation: Precambrian foundation rocks.

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration:

WILLMORE'S

COLUMBIA'S

S.P. -Z JULY - 17
S.P.H. - N.S. JULY - 17
S.P.H. - E.W. JULY - 17

L.P. -Z JULY - 19
L.P.H. - N.S. JULY - 19
L.P.H. - E.W. JULY - 19

SEISMOLOGICAL BULLETIN - 1962

JULY - SEPTEMBER 1962

NOTES

1. Alberni, B. C. Closed down August 2, 1962
 2. Alert, N. W. T. Mr. C. H. McCloughan succeeded Mr. W. R. Darker as operator-in-charge July 1962.
 3. London, Ont. Columbia LPZ galvanometer suspension broken on July 6, 1962.
 4. Mould Bay, N. W. T. August 27-31, Calibration of instruments. Mr. W. T. Piche succeeded Mr. P. W. Basham as operator-in-charge on August 31, 1962.
 5. Ottawa, Ont. Seismograph vaults being rebuilt.
 6. Penticton, B. C. Columbia LPZ was recording uptrace d from end of July 1961 until June 22, 1962.
 7. Resolute, N. W. T. Mr. O. J. Jensen succeeded Mr. C. H. McCloughan as operator-in-charge on August 19, 1962.
 8. Scarborough, Ont. Commenced operations again August 14 as part of Seismology training course for Department of Transport Radiosonde students.
 9. Schefferville, Que. Commenced operations July 11, 1962 with Mr. J. B. Shaw of McGill Sub-Arctic Research Laboratory as operator-in-charge.
- Willmore S. P. - N. S. - uptrace indicates ground moves south.
- Willmore S. P. - E. W. - uptrace indicates ground moves west.
- (The polarities of these two instruments were changed February 6, 1963 to conform to standard)

DOMINION OBSERVATORIES

JULY 1

U. S. C. G. S.
14. 1S, 167. 2E
New Hebrides Islands
H = 01 32 11. 0
h = about 156 km
Penticton
iP 01 44 54 d

JULY 1

U. S. C. G. S.
30. 1N, 102. 3E
Sinkiang Province,
China
H = 03 37 36. 2
h = about 25 km
Mould Bay
P 03 48 53
Penticton
eP 03 50 48

JULY 1

Mould Bay
P 04 01 02
Penticton
eP 03 57 53

JULY 1

U. S. C. G. S.
23. 8S, 176. 9W
Tonga Islands region
H = 05 07 37. 0
h = about 25 km
Penticton
eP 05 20 26

JULY 1

Penticton
eP 06 57 52

JULY 1

U. S. C. G. S.
40. 8N, 49. 9E
Off coast of
Azerbaijan,
S. S. R.
H = 11 46 29. 8
h = about 46 km
Mould Bay
P 11 56 55

JULY 1

U. S. C. G. S.
40. 0N, 75. 4E
Sinkiang Province,
China
H = 21 23 41. 7
h = about 25 km
Mould Bay
iP 21 34 12 c

JULY 2

Mould Bay
P 03 50 28

JULY 2

Mould Bay
P 08 32 16

JULY 2

U. S. C. G. S.
36. 7N, 70. 9E
Hindu Kush
H = 03 16 55. 6
h = about 200 km
Alberni
iP 08 45 06
Banff
eP 08 45 35
Mould Bay
P 08 46 01
Penticton
iP 08 45 22 c
Victoria

JULY 2

Canadian Arctic
H = 09 32 53. 1
Mag 1. 5
Resolute
P₁ 09 33 00. 3
S₁ 09 33 05. 8
D = 45. 1 km

JULY 3

Penticton
iP 00 19 56

JULY 3

U. S. C. G. S.
17. 5S, 173. 2W
Tonga Islands region
H = 06 23 36. 0
h = about 25 km
Penticton
iP 06 35 55

JULY 3

U. S. C. G. S.
28. 0N, 56. 2E
Iran
H = 06 31 08. 5
h = about 25 km
Alert
P 06 41 55

JULY 3

U. S. C. G. S.
56. 3S, 142. 5W
About 600 miles west
of Macquarie Islands
H = 18 13 35. 6
h = about 25 km
Alert
eP' 18 33 08

SEISMOLOGICAL BULLETIN - 1962

<p>JULY 3 U.S.C.G.S. 4.3N, 31.6W Mid-Atlantic Ocean H = 21 16 59.3 h = about 23 km Penticton iP 21 29 37 Resolute eP 21 29 05</p>	<p>JULY 4 Banff eP 09 13 59 Penticton iP 09 14 01 Resolute eP 09 16 25 Mould Bay P 09 16 46</p>	<p>JULY 5 Mould Bay P 05 44 45</p> <p>JULY 5 Mould Bay P 07 09 35</p>
<p>JULY 3 Penticton iP 22 14 30</p>	<p>JULY 4 U.S.C.G.S. 14.9S, 167.8E New Hebrides Islands H = 17 00 53.5 h = about 62 km Penticton iP 17 13 50</p>	<p>JULY 5 U.S.C.G.S. 30.9N, 141.4E South of Honshu, Japan H = 17 40 55.3 h = about 23 km Mould Bay P 17 51 10</p>
<p>JULY 4 U.S.C.G.S. 14.3N, 93.2W Off coast of Guatemala H = 07 07 53.7 h = about 25 km Mould Bay P 07 18 22 Penticton iP 07 15 38</p>	<p>JULY 4 Shawinigan Falls eP 20 23 18</p>	<p>JULY 6 U.S.C.G.S. 32.6N, 139.7E South of Honshu, Japan H = 01 15 34.8 h = about 62 km Victoria eP 01 26 44</p>
<p>JULY 4 U.S.C.G.S. 54.5N, 36.7W About 500 miles south of Greenland H = 07 57 45.3 h = about 25 km Mould Bay P 08 04 48</p>	<p>JULY 5 47.3°N, 123.0°W Eastern Olympic Mountains, Washington, U.S.A. H = 03 16 02 Mag 1.9 Penticton eP_n 03 16 50.0 D = 335 km Victoria eP₁ 03 16 23.8 eS₁ 03 16 40.1 D = 134 km</p>	<p>JULY 6 U.S.C.G.S. 13.3N, 58.0E Arabian Sea, east of Socotra H = 02 12 19.9 h = about 30 km Alert eP 02 24 32 Mould Bay P 02 25 21 Victoria eP' 02 31 04</p>
<p>JULY 4 Mould Bay P 09 12 45</p>		

DOMINION OBSERVATORIES

JULY 6

U. S. C. G. S.
38. 0N, 20. 2E
Ionian Sea
H = 09 16 15. 0
h = about 30 km
Mag 5 (Pal)

Alert

eP 09 25 21
S 09 32 43

Banff

eP 09 28 40

Halifax

eP 09 26 24

Mould Bay

P 09 26 42

Penticton

iP 09 28 55 c

Resolute

eP 09 26 20

Shawinigan Falls

eP 09 26 56

Victoria

eP 09 29 07

JULY 6

U. S. C. G. S.
16. 5S, 174. 1W
Tonga Islands region
H = 12 12 01. 1
h = about 27 km

Banff

eP 12 24 32

Penticton

iP 12 24 16 c

JULY 6

U. S. C. G. S.
25. 0S, 176. 7 E
Kermadec Islands region
H = 13 27 52. 1
h = about 25 km

Penticton

iP 13 40 51

JULY 6

U. S. C. G. S.
30. 5N, 130. 8E
Northern Ryukyu
Islands
H = 15 11 21. 8
h = about 25 km

Mould Bay

P 15 22 02

Penticton

iP 15 23 24

Resolute

eP 15 22 39

JULY 6

Banff
eP 17 03 04
Penticton
eP 17 03 01
Victoria
eP 17 03 13

JULY 6

U. S. C. G. S.
60. 3N, 152. 1W
Kenai Peninsula,
Alaska
H = 18 40 59. 4
h = about 67 km

Alert

eP 18 47 09

Banff

eP 18 45 48

Mould Bay

P 18 45 22

Penticton

iP 18 45 40 c

Resolute

iP 18 46 16

JULY 6

H = 23 04 22
Mag 2. 1
Penticton
eP_n 23 04 56. 6
eS_n 23 05 28. 4
D = 260 km

JULY 6

U. S. C. G. S.
36. 6N, 70. 4E
Hindu Kush
H = 23 05 32. 2
h = about 203 km

Alberni

iP 23 18 26

Banff

eP 23 18 21

Halifax

eP 23 18 06 d

Mould Bay

iP 23 16 07 c

Penticton

iP 23 18 28 c

Resolute

eP 23 16 13

Shawinigan Falls

eP 23 18 14

Victoria

iP 23 18 31 c

JULY 6

Mould Bay
P 23 44 09

JULY 7

U. S. C. G. S.
30. 7N, 84. 4E
Tibet
H = 03 00 22. 6
h = about 25 km
Mould Bay
P 03 11 47

JULY 7

U. S. C. G. S.
51. 3N, 178. 6E
Rat Islands,
Aleutian Islands
H = 06 12 48. 9
h = about 60 km

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Alberni eP	06 19 40	Penticton eP	10 26 56	Resolute eP	03 29 38 d
Alert iP	06 20 46 c			iP _C P	03 31 40
S	06 27 08	JULY 7		Shawinigan Falls eP	03 32 36
Banff eP	06 20 17	Penticton eP	17 56 28	Victoria eP	03 29 05
Halifax eP	06 24 (00)				
Mould Bay P	06 19 31 c	JULY 7		JULY 8	
Penticton iP	06 20 05 c	U. S. C. G. S. 51.9N, 158.6E		U. S. C. G. S. 55.5S, 30.1W	
Resolute eP	06 20 23	Near south of Kamchatka		Sandwich Islands H = 04 03 56.8	
iP _C P	06 22 25	H = 21 20 57.7		h = about 25 km	
Shawinigan Falls eP	06 23 21	h = about 33 km		Mould Bay P'	04 23 23
Victoria eP	06 19 50	Alberni eP	21 29 26	Penticton eP'	04 22 (55)
		Alert eP	21 29 08		
		Mould Bay P	21 28 20	JULY 8	
JULY 7		Penticton iP	21 29 47 d	U. S. C. G. S. 8.1N, 38.0W	
Alert eP	07 08 05	Resolute eP	21 29 11 c	Mid-Atlantic Ocean H = 07 30 49.7	
Mould Bay P	07 06 53	Victoria eP	21 29 34	h = about 25 km	
				Banff eP	07 42 35
JULY 7				Mould Bay P	07 42 59
U. S. C. G. S. 51.3N, 178.8E		JULY 8		Penticton iP	07 42 49
Rat Islands, Aleutian Islands		U. S. C. G. S. 51.5N, 178.5E		Resolute eP	07 42 24 c
H = 07 14 34.6		Rat Islands, Aleutian Islands			
h = about 60 km		H = 03 22 03.8			
Alert eP	07 22 32 c	h = about 60 km		JULY 8	
Mould Bay P	07 21 18	Alberni iP	03 28 56	U. S. C. G. S. 22.0S, 179.8W	
Penticton eP	07 21 50	Alert iP	03 30 00 d	Fiji Islands H = 12 02 33.2	
		Banff eP	03 29 33	h = about 600 km	
		Halifax eP	03 33 11	Penticton iP	12 14 26 c
JULY 7		Mould Bay iP	03 28 47 d		
Alert eP	10 27 35	Penticton iP	03 29 20		
Mould Bay P	10 26 22				

DOMINION OBSERVATORIES

JULY 8 Penticton iP 13 07 00	JULY 9 Mould Bay P 21 50 14	JULY 11 Shawinigan Falls eP 07 18 08
JULY 9 Penticton eP 17 49 37	JULY 10 Penticton iP 00 53 42	JULY 11 U. S. C. G. S. 53. 2N, 159. 6E Kamchatka H = 07 17 27. 4 h = about 69 km Alert eP 07 25 22 c Mould Bay iP 07 24 33 c Penticton iP 07 26 02 Shawinigan Falls eP 07 28 40
JULY 8 Banff eP 17 52 40	JULY 10 U. S. C. G. S. 20. 8S, 178. 7W Fiji Islands H = 05 12 06. 4 h = about 584 km Penticton iP 05 23 52 d	
JULY 9 Penticton eP 06 40 50		
JULY 9 Mould Bay P 09 55 39 Penticton iP 09 56 03	JULY 10 U. S. C. G. S. 22. 3S, 177. 2W Tonga Islands H = 12 56 03. 8 h = about 333 km Penticton iP 13 08 18	JULY 11 U. S. C. G. S. 11. 9N, 122. 1E Panay, Philippine Islands H = 12 40 30. 7 h = about 25 km Alberni eP 12 53 57 Alert eP 12 53 10 S 13 03 36 Mould Bay P 12 53 05 Penticton eP 12 54 04 Resolute eP 12 53 37
JULY 9 U. S. C. G. S. 44. 0N, 147. 8E Kurile Islands H = 13 53 00 h = about 66 km Mould Bay P 14 01 38 Resolute iP 14 02 24	JULY 10 U. S. C. G. S. 6. 5S, 75. 2W Central Peru H = 19 21 36. 9 h = about 46 km Penticton iP 19 32 32 d	
JULY 9 Penticton iP 14 50 10	JULY 11 U. S. C. G. S. 31. 8N, 66. 9E Afghanistan H = 01 03 59. 3 h = about 25 km Alert eP 01 14 28 Mould Bay P 01 15 22	JULY 11 Mould Bay P 13 48 33
JULY 9 Mould Bay P 17 48 58		

SEISMOLOGICAL BULLETIN - 1962

- JULY 11
U.S.C.G.S.
6.5N, 73.2W
Colombia
H = 13 58 24.5
h = about 115 km
Mould Bay
P 14 09 49
Penticton
iP 14 08 06
- JULY 11
Shawinigan Falls
eP 18 44 (16)
- JULY 11
H = 23 06 02
Mag 1.8
Penticton
eP₁ 23 06 31.1
eS₁ 23 06 53.5
D = 183 km
- JULY 12
Penticton
eP 07 00 09
- JULY 12
U.S.C.G.S.
18.9N, 121.4E
Luzon, Philippine
Islands
H = 08 16 42.0
h = about 95 km
Mould Bay
P 08 28 33
- JULY 12
U.S.C.G.S.
17.9S, 178.7W
Fiji Islands region
H = 09 33 21.8
h = about 545 km
- Penticton
iP 09 45 00 d
- JULY 12
H = 22 43 06
Mag 2.6
Penticton
eP_n 22 43 56.5
eS_n 22 44 40.2
D = 358 km
Victoria
eP_n 22 43 52.1
D = 322 km
- JULY 12
U.S.C.G.S.
3.9S, 104.1W
South Pacific Ocean
H = 22 50 58.8
h = about 25 km
Alert
eP 23 03 43
Mould Bay
P 23 03 11
Penticton
iP 23 00 26
- JULY 13
U.S.C.G.S.
10.4N, 122.6E
Panay, Philippine
Islands
H = 03 32 00.5
h = 66 km
Alert
eP 03 44 41
SKS 03 55 05
iS 03 55 21
Halifax
eP' 03 50 54
Mould Bay
P 03 44 37
Penticton
iP 03 45 38
- JULY 13
U.S.C.G.S.
30.5N, 79.6E
Tibet-India border
H = 05 01 08.6
h = about 25 km
Mould Bay
P 05 12 37
- JULY 13
Penticton
iP 13 47 21
- JULY 13
Penticton
eP 15 54 44
- JULY 13
Penticton
eP 16 03 05
- JULY 13
52.2°N, 129.9°W
South east of
Queen Charlotte Islands
H = 20 09 47
Mag 4.3
Alberni
iP_n 20 10 44.0
eS_n 20 11 44.4
D = 480 km
Penticton
eP_n 20 11 29
D = 781 km
Victoria
eP_n 20 11 01
D = 634 km

DOMINION OBSERVATORIES

JULY 13	JULY 14	JULY 14
U. S. C. G. S.	U. S. C. G. S.	U. S. C. G. S.
56.2N, 164.0E	27.3N, 56.7E	16.9N, 99.1W
Komandorskie Islands	Iran	Southern Mexico
region	H = 06 44 26.5	H = 20 23 14.6
H = 22 19 23.3	h = about 30 km	h = about 25 km
h = about 59 km	Alert	Penticton
Alberni	eP 06 55 18	iP 20 30 18 d
eP 22 27 09	Mould Bay	
Alert	P 06 56 17	
eP 22 26 50 c		
Banff		JULY 14
eP 22 27 40	JULY 14	U. S. C. G. S.
Mould Bay	U. S. C. G. S.	50.2N, 155.8E
P 22 25 57	30.4N, 79.5E	Kurile Islands
Penticton	Tibet-India border	H = 20 38 01.3
eP 22 27 28	H = 15 58 53.7	h = about 60 km
	h = about 40 km	Alert
	Alert	eP 20 46 23
	eP 16 09 37	Mould Bay
	Mould Bay	P 20 45 40 c
	P 16 10 21	Penticton
		iP 20 47 05 c
JULY 13		Resolute
U. S. C. G. S.		iP 20 46 30 c
11.9S, 75.1W		Shawinigan Falls
Peru	JULY 14	iP 20 49 38 c
H = 22 55 48.4	Penticton	Victoria
h = about 91 km	iP 16 20 11	eP 20 46 51
Mould Bay		
P 23 08 35		
Penticton		
iP 23 07 07 d		
Shawinigan Falls	JULY 14	
eP 23 05 36	U. S. C. G. S.	JULY 14
	40.3N, 124.4W	Shawinigan Falls
	Northern California	eP 21 00 50
	H = 19 43 52.6	
	h = about 25 km	
JULY 14	Alberni	
U. S. C. G. S.	eP 19 46 12	JULY 14
51.5N, 179.0E	Banff	U. S. C. G. S.
Rat Islands,	eP 19 46 55	18.7N, 145.5E
Aleutian Islands	Penticton	Mariana Islands
H = 01 02 51.5	eP 19 46 12	H = 23 34 33.7
h = about 25 km	Victoria	h = about 198 km
Alberni	eP 19 45 53	Mould Bay
iP 01 09 45		P 23 45 44
Alert		Penticton
eP 01 10 50		iP 23 46 17
Mould Bay		Resolute
iP 01 09 36 c		eP 23 46 18
Penticton		
iP 01 10-10 c		
Schefferville		
eP 01 13 02 c		

DOMINION OBSERVATORIES

JULY 16

U. S. C. G. S.
11. 2S, 79. 8W
Near coast of
Peru
H = 04 49 21. 5
h = about 75 km

Mould Bay
P 05 02 16

Penticton
iP 05 00 26 d

Schefferville
eP 05 00 06

Shawinigan Falls
eP 04 59 09

JULY 16

Schefferville
eP 07 13 44 c

JULY 16

U. S. C. G. S.
17. 8S, 178. 4W
Fiji Islands region
H = 07 50 09. 8
h = about 519 km
Penticton
iP 08 01 49 d

JULY 16

U. S. C. G. S.
13. 0S, 167. 2E
Santa Cruz Islands
region
H = 09 25 55. 4
h = about 180 km

Banff
eP 09 39 33

Penticton
iP 09 38 32

Victoria
pP 09 39 07

JULY 16

U. S. C. G. S.
62. 3N, 153. 1W
Alaska
H = 12 54 40. 6
h = about 39 km

Alert
eP 13 00 38

Banff
iP 12 59 42

Halifax
iP 13 03 43 c

Mould Bay
P 12 58 48

Penticton
iP 12 59 37 c

Resolute
eP 12 59 45

Schefferville
iP 13 02 32 c

eS 13 08 54

Victoria
iP 12 59 26

JULY 16

U. S. C. G. S.
34. 8S, 108. 6W
550 Miles south of
Easter Island
H = 16 16 40. 9
h = about 25 km
Penticton
iP 16 29 13 c

JULY 16

Shawinigan Falls
eP 22 59 (17)

JULY 17

U. S. C. G. S.
11. 6N, 87. 1W
Nicaragua
H = 04 12 45. 4
h = about 25 km

Mould Bay

P 04 23 34

Penticton
iP 04 21 11

Resolute
eP 04 23 11

Schefferville
eP 04 21 06 c

JULY 17

U. S. C. G. S.
43. 0S, 74. 9W
Near coast of Chile
H = 05 32 08. 8
h = about 26 km

Alert
eP' 05 51 08 d

Halifax
eP 05 44 58 d

Mould Bay
P' 05 51 01

Shawinigan Falls
eP 05 45 03

JULY 17

Mould Bay
P 08 00 42

Penticton
eP 07 57 48

Resolute
eP 08 00 28

JULY 17

H = 08 44 50
Mag 1. 8

Victoria
iP₁ 08 45 00. 7

iS₁ 08 45 09. 0
D = 68 km

SEISMOLOGICAL BULLETIN - 1962

JULY 17

U. S. C. G. S.
14.8N, 92.9W
Near south of
Mexico and
Guatemala border
H = 09 41 01.4
h = about 120 km
Alert
eP 09 51 (49)
Banff
iP 09 48 31
Mould Bay
P 09 51 17
Penticton
iP 09 48 33 d
Resolute
iP 09 50 57 d

JULY 17

Penticton
eP 14 20 24

JULY 17

U. S. C. G. S.
43.1N, 144.5E
Hokkaido, Japan
H = 17 20 22.9
h = about 30 km
Alert
eP 17 29 45
S 17 37 15
iS_CS 17 39 32
Halifax
eP 17 33 (18)
Mould Bay
P 17 29 17
Penticton
iP 17 30 43
Resolute
iP 17 30 01 c
Shawinigan Falls
eP 17 32 53
Victoria
eP 17 30 41

JULY 17

Penticton
iP 19 16 21

JULY 18

U. S. C. G. S.
9.6S, 119.8E
Sumba Island
H = 05 53 48.1
h = about 68 km
Halifax
iP' 06 13 20 d

JULY 18

Mould Bay
P 10 13 08
Resolute
eP 10 13 41

JULY 18

U. S. C. G. S.
15.3N, 148.1E
Mariana Islands
H = 10 10 12.7
h = about 16 km
Alert
eP 10 22 31 c
Mould Bay
P 10 22 00
Penticton
iP 10 22 24 c
Resolute
eP 10 22 33

JULY 18

Shawinigan Falls
eP 10 23 05

JULY 18

Alert
(P) 10 27 50
Mould Bay
P 10 27 33

JULY 18

62.5°N, 65.0°W
Frobisher Bay near
Loks Land, N.W.T.
H = 11 21 44
Mag 4.9
Resolute
eS_n 11 27 57
L_g 11 29 52
D = 1720 km
Schefferville
P_n 11 23 32
S_n 11 24 52
L_g 11 25 40
D = 850 km
Shawinigan Falls
L_g 11 30 11
D = 1810 km

JULY 18

Mould Bay
P 20 49 54
Penticton
iP 20 47 10

JULY 19

U. S. C. G. S.
17.3S, 173.3W
Tonga Islands region
H = 03 39 45.3
h = about 15 km
Penticton
e 03 52 17

JULY 19

U. S. C. G. S.
20.6S, 68.7W
Near Bolivia and
Chilean border
H = 12 02 31.3
h = about 160 km
Penticton
iP 12 14 38 d
Schefferville
iP 12 13 57 c
Shawinigan Falls
eP 12 13 10

DOMINION OBSERVATORIES

JULY 19 H = 19 50 41 Mag 2.1 Penticton eP _n 19 51 11.5 eS _n 19 51 35.2 D = 194 km	JULY 20 U. S. C. G. S. 39.5N, 118.3W Nevada H = 09 02 08.3 h = about 25 km Mag 5 1/4 (Pas) Penticton iP 09 04 31 d	JULY 21 Alert eP 08 13 (39)
JULY 19 U. S. C. G. S. 39.8N, 140.7E Honshu, Japan H = 22 05 45.0 h = about 93 km Alert eP 22 15 27 d Mould Bay P 22 15 02	JULY 20 U. S. C. G. S. 21.0S, 174.8W Tonga Islands region H = 16 27 20.9 h = about 28 km Penticton iP 16 39 59 d	JULY 21 Penticton iP 13 22 21
JULY 20 Penticton iP 01 30 40	JULY 20 H = 17 06 07 Mag 2.6 Penticton eP _n 17 06 48.2 eS _n 17 07 23.0 D = 285 km Victoria e 17 07 33.1	JULY 21 U. S. C. G. S. 37.0N, 71.9E Hindu Kush region H = 17 28 34.7 h = about 38 km Mould Bay P 17 39 28
JULY 20 U. S. C. G. S. 51.5N, 173.6W Fox Islands, Aleutian Islands H = 04 36 41.0 h = about 25 km Penticton eP 04 43 23	JULY 20 Shawinigan Falls eP 18 48 (55)	JULY 21 Penticton iP 21 10 37
JULY 20 Alert eP 05 33 (21) i 05 35 41 i 05 39 20	JULY 20 H = 20 40 31 Mag 2.5 Penticton eP _n 20 41 04.5 eS _n 20 41 33.6 D = 238 km	JULY 21 Banff eP 21 11 32
		JULY 22 U. S. C. G. S. 86.9N, 50.8E North of Franz Josef Land H = 00 21 00.8 h = about 33 km Alert eP 00 23 09 i(S) 00 24 48 Mould Bay P 00 24 54 Resolute eP 00 25 10 d

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JULY 22	JULY 23	Resolute
U. S. C. G. S.	Penticton	eP 04 09 48
5.9S, 151.7E	P 05 57 53	Schefferville
New Britain region		iP 04 07 42 c
H = 00 21 30.9	JULY 23	Shawinigan Falls
h = about 81 km	Shawinigan Falls	eP 04 06 29
Mould Bay	eP 06 13 (34)	
P 00 34 51		JULY 24
Penticton	JULY 23	U. S. C. G. S.
iP 00 34 44	Penticton	10.3N, 121.5E
	eP 11 15 07	Sulu Sea
JULY 22		H = 16 23 10.8
Penticton	JULY 23	h = about 21 km
iP 10 12 30	Penticton	Mould Bay
	iP 15 10 15	P 16 35 56
JULY 22		JULY 24
U. S. C. G. S.	JULY 23	U. S. C. G. S.
8.4S, 158.8E	U. S. C. G. S.	15.5N, 92.5W
Solomon Islands	19.0N, 65.1W	Mexico-Guatemala
H = 13 36 49.7	Virgin Islands region	border region
h = about 107 km	H = 22 11 54.6	H = 21 08 22.6
Penticton	h = about 25 km	h = about 129 km
iP 13 49 45	Alert	Alert
JULY 23	eP 22 22 25	iP 21 19 08
U. S. C. G. S.	Halifax	ipP 21 19 34
10.7N, 86.5W	eP 22 17 27	S 21 28 (02)
Off coast of	Mould Bay	Banff
Costa Rica	P 22 22 26	iP 21 15 46
H = 01 12 52.6	Penticton	Halifax
h = about 44 km	eP 22 21 07	eP 21 15 29 c
London	Shawinigan Falls	London
eP 01 19 22 d	eP 22 17 (56)	eP 21 14 13
Mould Bay	Victoria	ipP 21 14 38
P 01 23 48	eP 22 21 25	Mould Bay
Penticton		P 21 18 32
iP 01 21 21 c	JULY 24	Penticton
Resolute	U. S. C. G. S.	iP 21 15 49 c
eP 01 23 24	10.4N, 85.8W	Resolute
Schefferville	Costa Rica	eP 21 18 09
iP 01 21 18 c	H = 03 59 14.4	Schefferville
Shawinigan Falls	h = about 25 km	eP 21 16 (18)
eP 01 20 05	Penticton	Shawinigan Falls
	iP 04 07 52 d	eP 21 15 05
		ipP 21 15 28
		Victoria
		iP 21 16 00 c

DOMINION OBSERVATORIES

JULY 24
Alert
i 22 58 10

JULY 25
U. S. C. G. S.
14. 4S, 76. 1W
Near coast of
southern Peru
H = 00 11 52. 2
h = about 46 km
Mould Bay
P 00 25 07

JULY 25
U. S. C. G. S.
18. 9N, 81. 1W
West of Jamaica
H = 04 37 50. 7
h = about 64 km
Mag 6 (Pas)
5 1/2 (Brk)
6 (Pal)
Alert
eP 04 48 16
S 04 56 54
Banff
eP 04 45 36
Halifax
iP 04 43 53 d
London
iP 04 43 03 d
Mould Bay
P 04 47 58
Resolute
eP 04 47 22
Schefferville
iP 04 44 58 d
Shawinigan Falls
eP 04 43 42
Victoria
iP 04 46 07

JULY 25
U. S. C. G. S.
14. 3S, 75. 5W
Near coast of
southern Peru
H = 06 05 15. 9
h = about 100 km
Mould Bay
P 06 18 25

JULY 25
Penticton
iP 11 19 54

JULY 26
U. S. C. G. S.
4. 9S, 81. 3W
Off coast of
northern Chile
H = 02 33 15. 3
h = about 25 km
Penticton
iP 02 43 47
Schefferville
eP 02 43 25

JULY 26
U. S. C. G. S.
47. 1N, 153. 9E
Kurile Islands
H = 04 23 11. 9
h = about 35 km
Alert
eP 04 32 01
Mould Bay
P 04 31 21
Penticton
iP 04 32 40
Resolute
eP 04 32 10 c
Schefferville
iP 04 34 41 c
Shawinigan Falls
eP 04 35 10

JULY 26
U. S. C. G. S.
7. 5N, 82. 7W
South of Panama
H = 08 14 41. 8
h = about 21 km
Alert
eP 08 26 26
Banff
iP 08 23 47
Halifax
eP 08 22 20
London
P 08 21 40
Mould Bay
P 08 26 02
Penticton
iP 08 23 52 d
Resolute
eP 08 25 38
Schefferville
iP 08 23 28 c
iS 08 30 28
Shawinigan Falls
eP 08 22 15
Victoria
iP 08 24 04 d

JULY 26
49. 4°N, 127. 0°W
West of Vancouver
Island
H = 16 44 34
Mag 3. 5
Penticton
eP_n 16 45 49
D = 560 km
Victoria
eP_n 16 45 17. 0
eS_n 16 45 53. 1
D = 296 km

JULY 26
Penticton
eP 19 07 58

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JULY 26		JULY 27	Halifax
U. S. C. G. S.		U. S. C. G. S.	P _n 17 58 18.5
56.4S, 25.7W		14.8S, 167.6E	S _n 17 59 20.0
Sandwich Islands		New Hebrides	L _g 17 59 48
region		Islands	D = 625 km
H = 21 32 17.9		H = 06 11 55.3	London
h = about 25 km		h = about 205 km	e 18 00 36.5
Mould Bay		Penticton	L _g 18 01 23
P' 21 51 50		iP 06 24 39 d	D = 965 km
Penticton		JULY 27	Montreal
iP' 21 51 26		Shawinigan Falls	P ₁ 17 57 42
		eP 07 42 49	i 17 57 45.2
			S ₁ 17 58 17
			D = 287 km
JULY 27		JULY 27	Schefferville
Penticton		Penticton	P _n 17 58 51.5
eP 00 57 02		eP 08 06 59	S _n 18 00 17
			L _g 18 00 56
			D = 895 km
JULY 27		JULY 27	Shawinigan Falls
Penticton		U. S. C. G. S.	P ₁ 17 57 27
eP 01 27 52		51.6N, 174.1W	S ₁ 17 57 50.0
		Andreanof Islands,	D = 188 km
		Aleutian Islands	
		H = 12 38 35.1	
		h = about 60 km	
JULY 27		Alert	JULY 27
U. S. C. G. S.		eP 12 46 24	U. S. C. G. S.
21.7N, 144.4E		Mould Bay	13.2S, 167.1E
North of Mariana		P 12 45 03	Santa Cruz Islands
Islands		Penticton	region
H = 01 16 50.8		iP 12 45 19	H = 19 26 34.6
h = about 100 km			h = about 286 km
Alert			Penticton
eP 01 28 25			iP 19 39 03
JULY 27		JULY 27	JULY 28
Penticton		Penticton	U. S. C. G. S.
iP 04 26 51		iP 13 18 41	16.2S, 173.2W
			Samoa Islands region
JULY 27		JULY 27	H = 00 05 10.8
Alert		Penticton	h = about 40 km
eP 04 30 17		eP 16 08 23	Alberni
			iP 00 17 10
			Banff
JULY 27		JULY 27	iP 00 17 39
Penticton		47°15'N, 70°40'W	Mould Bay
eP 05 38 29		About 15 miles southwest	P 00 18 44
Victoria		of Baie-St-Paul, Quebec	Penticton
iP 05 38 30 c		H = 17 56 56.5	iP 00 17 22 c
		Mag 4.3	Victoria
			eP 00 17 10

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JULY 29		JULY 30		JULY 30
50.8°N, 124.5°W		U.S.C.G.S.		U.S.C.G.S.
Bute Inlet		3.3S, 143.9E		5.0N, 76.3W
H = 06 55 12		Near north coast		Western Colombia
Mag 2.4		of New Guinea		H = 20 18 49.3
Alberni		H = 17 16 44.4		h = about 45 km
iP ₁ 06 55 39.9		h = about 25 km		Mag 6 3/4 (Pas)
iS ₁ 06 57 01.2		Mag 6 3/4 - 7 (Pas)		6 3/4 (Brk)
D = 174 km		7 (Brk)		6 (Pal)
Penticton		7 (Pal)		Alberni
eP _n 06 56 06.9		Alberni		eP 20 28 54
D = 395 km		iP 17 30 02		Alert
Victoria		Alert		iP 20 30 40
eP _n 06 55 49.5		eP 17 30 29		Banff
D = 252 km		Banff		iP 20 28 25
		eP 17 30 26		Halifax
		Halifax		eP 20 26 (31)
		eP' 17 36 (00)		London
JULY 29		London		P 20 26 04
Alert		iP' 17 35 43		Mould Bay
i 13 05 27		Mould Bay		P 20 30 24
		P 17 30 05		Penticton
JULY 30		Penticton		iP 20 28 32
U.S.C.G.S.		iP 17 30 16 c		Resolute
2.5S, 77.0W		Resolute		iP 20 29 57
Ecuador-Peru		P 17 30 36		Schefferville
border		Schefferville		eP 20 27 40
H = 06 58 35.6		eP' 17 35 41		Shawinigan Falls
h = about 146 km		Shawinigan Falls		eP 20 26 33
Penticton		eP' 17 35 48		Victoria
eP 07 08 52		Victoria		eP 20 28 45 c
		iP 17 30 05 c		
JULY 30		JULY 30		JULY 31
Alert		U.S.C.G.S.		Penticton
eP 10 30 40		6.6N, 73.0W		iP 01 28 48 c
Resolute		Central Colombia		
P 10 29 41		H = 18 57 50.7		JULY 31
Penticton		h = about 204 km		Alert
eP 10 27 18		Penticton		i 04 11 32
		iP 19 07 26 c		
		Schefferville		
		iP 19 06 16 c		JULY 31
				Penticton
				iP 04 20 35

DOMINION OBSERVATORIES

JULY 31		JULY 31		Banff	
Alert		Alert		eP	04 50 40
eP	05 19 57	eP	07 24 21	Halifax	
Mould Bay		i	07 24 48	eP'	04 56 11
P	05 19 41			London	
Penticton		JULY 31		iP'	04 55 54
iP	05 21 07 d	Alert		Mould Bay	
Resolute		i	11 30 10	P	04 50 16
iP	05 20 20 d			Penticton	
				iP	04 50 28
				PKKP	05 07 10
JULY 31		JULY 31		Resolute	
U. S. C. G. S.		U. S. C. G. S.		iP	04 50 54
18.8N, 120.8E		19.7S, 67.7W		Schefferville	
Near south coast		Southern Bolivia		eP'	04 55 53
of Luzon, Philippine		H = 11 25 05.5		Victoria	
Islands		h = about 270 km		eP	04 50 15 d
H = 05 13 04.1		Penticton			
h = about 39 km		iP	11 37 01 c	AUGUST 1	
Alberni				Penticton	
iP	05 26 09	AUGUST 1		iP	12 33 10 c
Alert		U. S. C. G. S.			
eP	05 25 07	27.0S, 176.4W		AUGUST 1	
Banff		Kermadec Islands		Penticton	
eP	05 26 24	region		iP	12 51 27
Mould Bay		H = 03 49 11.9			
P	05 25 04	h = about 33 km		AUGUST 1	
Penticton		Penticton		U. S. C. G. S.	
iP	05 26 21 c	iP	04 02 17	27.1S, 176.3W	
Resolute				Kermadec Islands	
iP	05 25 33	AUGUST 1		region	
Victoria		U. S. C. G. S.		H = 12 47 46.6	
eP	05 26 13 c	3.2S, 143.7E		h = about 25 km	
		Near north Coast of		Penticton	
JULY 31		New Guinea		eP	13 00 52
U. S. C. G. S.		H = 04 36 57.6			
40.1N, 143.0E		h = about 33 km			
Off east coast of		Mag 6 1/2 - 6 3/4 (Pas)			
Honshu, Japan		7 (Brk)			
H = 07 22 46.1		6 1/2 (Pal)			
h = about 66 km					
Penticton		Alert			
iP	07 33 22	eP	04 50 41		
		PKKP	05 07 10		

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AUGUST 1
 U. S. C. G. S.
 39.1N, 98.6E
 Kansu Province
 China
 H = 15 47 45.5
 h = about 25 km
 Schefferville
 eP 16 00 22
 Pentiction
 iP 16 00 24 c

AUGUST 1
 48.6°N, 122.0°W
 Near Mount Baker,
 U. S. A.
 H = 20 59 35
 Mag 1.7
 Pentiction
 eP_n 21 00 05.6
 eS_n 21 00 29.2
 D = 192 km

AUGUST 1
 Pentiction
 iP 22 37 05

AUGUST 1
 Pentiction
 eP 23 36 41

AUGUST 2
 Pentiction
 eP 03 58 20

AUGUST 2
 Pentiction
 iP 04 32 07

AUGUST 2
 U. S. C. G. S.
 19.3N, 81.0W
 South of Cuba
 H = 04 41 46.7
 h = about 47 km

Alert
 eP 04 52 (20)
 London
 eP 04 47 03
 Pentiction
 iP 04 49 54 d
 Resolute
 P 04 51 (18)
 Schefferville
 P 04 48 (58)

AUGUST 2
 Alert
 i 07 22 40

AUGUST 2
 Pentiction
 eP 11 11 50

AUGUST 2
 U. S. C. G. S.
 4.8S, 152.1E
 New Britain region
 H = 13 26 42.4
 h = about 79 km
 Pentiction
 eP 13 39 45

AUGUST 2
 U. S. C. G. S.
 33.4N, 73.5E
 West Pakistan
 H = 15 32 20.9
 h = about 33 km
 Alert
 eP 15 42 42
 Mould Bay
 iP 15 43 33 c

AUGUST 2
 Pentiction
 eP 18 38 52

AUGUST 2
 Pentiction
 iP 19 45 04

AUGUST 2
 H = 21 26 08
 Mag 1.7
 Pentiction
 P_n 21 26 36.5
 S_n 21 26 57.8
 D = 175 km

AUGUST 2
 H = 22 22 30
 Mag 2.2
 Pentiction
 P_n 22 23 05.3
 S_n 22 23 33.4
 D = 230 km
 Victoria
 eP1 22 22 48.7
 D = 114 km

AUGUST 3
 52.0°N, 54.2°W
 In the Labrador Sea
 about 75 miles east of
 the southeast corner of
 Labrador, Newfoundland
 H = 01 31 01.5
 Mag 4.8

Halifax
 S_n 01 34 56
 D = 1071 km
 Schefferville
 P_n 01 32 54.5
 S_n 01 34 16
 D = 880 km

AUGUST 3
 Shawinigan Falls
 eP 02 56 55

DOMINION OBSERVATORIES

<p>AUGUST 3 U. S. C. G. S. 5. 2N, 76. 4W Western Colombia H = 04 06 08. 4 h = about 79 km Mould Bay pP 04 18 06</p>	<p>AUGUST 3 U. S. C. G. S. 10. 1S, 161. 2E Solomon Islands H = 10 04 44. 6 h = about 40 km Penticton iP 10 17 44 d</p>	<p>AUGUST 3 H = 22 00 27 Mag 2. 5 Penticton P_n 22 01 04. 1 S_n 22 01 34. 6 D = 250 km</p>
<p>AUGUST 3 Alert eP 08 51 (40)</p>	<p>AUGUST 3 U. S. C. G. S. 40. 9N, 73. 3E Kirghiz, S. S. R. H = 11 04 03. 6 h = about 25 km Alert eP 11 13 34 Halifax eP 11 16 46 Mould Bay P 11 14 28 Penticton iP 11 16 59 Schefferville eP 11 16 05 Victoria eP 11 17 02 d</p>	<p>AUGUST 3 47. 8°N, 120. 9°W Washington, U. S. A. H = 22 06 15 Mag 1. 8 Penticton eP_n 22 06 46. 2 eS_n 22 07 10. 5 D = 198 km Victoria P_n 22 06 47. 0 D = 206 km</p>
<p>AUGUST 3 U. S. C. G. S. 23. 2S, 67. 5W Northern Chile- Argentina border H = 08 56 12. 1 h = about 71 km Mag 7 - 7 1/4 (Pas) 6 - 8 (Brk) Alert eP 09 10 16 d Halifax iP 09 07 04 d London iP 09 06 59 c Mould Bay P 09 10 09 Penticton iP 09 08 44 d Resolute eP 09 09 48 d Schefferville iP 09 08 03 d eS 09 17 42 Victoria iP 09 08 51 d</p>	<p>AUGUST 3 Alert eP 11 27 54</p>	<p>AUGUST 4 U. S. C. G. S. 14. 1N, 93. 0W Near coast of Guatemala H = 02 49 44. 7 h = about 30 km Alert eP 03 00 52 Banff eP 02 57 29 Mould Bay iP 03 00 14 d Penticton iP 02 57 30 d Victoria eP 02 57 35. 2 c</p>
<p>AUGUST 3 Halifax eP 09 35 23</p>	<p>AUGUST 3 U. S. C. G. S. 36. 6N, 71. 1E Hindu Kush H = 18 02 45. 8 h = about 209 km Mould Bay iP 18 13 19 c</p>	<p>AUGUST 4 Penticton iP 06 37 49 d</p>

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AUGUST 4	Mould Bay	AUGUST 6
Penticton	IP 01 45 11 d	U.S.C.G.S.
eP 23 30 06	Penticton	39.7N, 140.6E
	IP 01 45 32	Northern Honshu,
	Resolute	Japan
AUGUST 5	ep 01 44 24 d	H = 09 23 30.9
Shawinigan Falls	Schefferville	h = about 60 km
IP 09 07 17 d	IP 01 41 31 d	Penticton
	Shawinigan Falls	IP 09 34 18 d
	eP 01 41 23	
AUGUST 5	Victoria	
U.S.C.G.S.	IP 01 45 49 c	AUGUST 6
13.7S, 166.6E		Penticton
New Hebrides Islands		IP 10 57 22
H = 15 08 34.0	AUGUST 6	
h = about 60 km	Canadian Arctic	AUGUST 6
Penticton	H = 06 32 39.1	U.S.C.G.S.
eP 15 21 31	Mag 2.4	26.9S, 177.1W
	Alert	Kermadec Islands region
	P ₁ 06 33 06.5	H = 20 51 56.8
AUGUST 5	S ₁ 06 33 27.3	h = about 50 km
Penticton	D = 171 km	Mag 6 (Brk)
IP 18 30 35		5 1/2 (Pal)
		Banff
		eP 21 05 13 c
AUGUST 6	AUGUST 6	Halifax
Penticton	U.S.C.G.S.	eP' 21 10 52
IP 01 14 54	58.4S, 25.5W	Penticton
	Sandwich Islands	IP 21 04 59
	H = 08 41 17.8	Schefferville
	h = about 54 km	eP' 21 10 47
AUGUST 6	Alberni	Victoria
U.S.C.G.S.	eP' 09 00 32	IP 21 04 48.6 c
32.0N, 40.8W	Alert	
North Atlantic Ocean	eP' 09 00 38	AUGUST 6
H = 01 35 30.5	Banff	Alert
h = about 48 km	eP' 09 00 24	eP 22 10 41
Mag 6 1/4 (Pas)	Mould Bay	e 22 22 10
5 1/2 (Pal)	P' 09 00 53	e 22 28 21
Alberni	Penticton	
eP 01 45 48	IP' 09 00 26	
Alert	Resolute	
eP 01 44 31	P' 09 00 (32)	
Banff	Schefferville	AUGUST 7
eP 01 45 10 d	eP' 08 59 57	U.S.C.G.S.
Halifax	Victoria	21.1S, 179.1W
IP 01 40 22 d	eP' 09 00 29.2	Fiji Islands region
London		H = 06 19 27.9
IP 01 42 09 c		h = about 600 km

DOMINION OBSERVATORIES

Penticton iP 06 31 15	AUGUST 8 U. S. C. G. S. 18. 8N, 144. 8E Mariana Islands H = 17 16 31. 5 h = about 385 km Alert eP 17 27 50 Mould Bay P 17 27 23 Penticton iP 17 27 57	AUGUST 9 U. S. C. G. S. 6. 7 N, 73. 1W Colombia H = 04 21 55. 4 h = about 180 km Alberni iP 04 31 50 Alert iP 04 33 24 c Banff iP 04 31 18 c Halifax iP 04 29 03 c London iP 04 28 49 d Mould Bay iP 04 33 12 c Penticton iP 04 31 28 c Resolute ep 04 32 42 c Schefferville iP 04 30 19 c Shawinigan Falls iP 04 29 12 c Victoria P 04 31 41 c
AUGUST 7 Canadian Arctic H = 10 57 48 h = about 8 km Mag 3. 6 Alert e 10 58 42. P ₁ 10 58 47. 5 S _n 10 59 17. 8 S ₁ 10 59 32 D = 370 km	AUGUST 8 U. S. C. G. S. 37. 0N, 141. 5E Near east coast of Honshu, Japan H = 17 55 37. 9 h = about 53 km Mould Bay P 18 05 16	
AUGUST 8 U. S. C. G. S. 16. 4S, 179. 5W Fiji Islands H = 09 19 22. 4 h = about 493 km Penticton iP 09 31 02	AUGUST 8 Alert i 19 50 23	
AUGUST 8 U. S. C. G. S. 52. 1N, 170. 5W Fox Islands, Aleutian Islands H = 10 54 56. 3 h = about 40 km Alert eP 11 02 38 c Banff eP 11 01 33 Mould Bay iP 11 01 13 c Penticton eP 11 01 (20) Schefferville eP 11 04 34 Victoria eP 11 01 (04)	AUGUST 8 H = 23 04 38 Mag 1. 3 Penticton P ₁ 23 04 50. 4 S ₁ 23 04 59. 6 D = 75 km	AUGUST 9 Schefferville eP 04 35 24
	AUGUST 9 U. S. C. G. S. 22. 4S, 70. 0W Northern Chile H = 00 21 10. 7 h = about 160 km Penticton iP 00 33 25	AUGUST 9 Alert eP 04 42 50
		AUGUST 9 U. S. C. G. S. 24. 1S, 66. 5W Salta Province, Argentina H = 06 19 51. 4 h = about 128 km Banff eP 06 32 18

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London iP 06 30 40	Penticton eP _n 11 00 55.8 eS _n 11 01 24.6 D = 283 km	AUGUST 11 48.8°N, 125.2°W Barkley Sound H = 01 10 15 Mag 2.6 Alberni
Penticton iP 06 32 24		iP ₁ 01 10 23.9 iS ₁ 01 10 29.3 D = 53 km
Schefferville iP 06 31 42	AUGUST 10 U. S. C. G. S. 49.4N, 27.9W North Atlantic Ocean H = 21 03 59.2 h = about 33 km Mag 4 1/2 (Pal)	Penticton eP _n 01 11 22 Victoria eP ₁ 01 10 37.0 eS ₁ 01 10 54.5 D = 134 km
Victoria eP 06 32 30		
AUGUST 9 Penticton eP 08 11 02	Alberni eP 21 13 57	
AUGUST 9 U. S. C. G. S. 30.1N, 129.0E Ryukyu Islands H = 10 44 00.5 h = about 198 km	Banff eP 21 13 12	AUGUST 11 U. S. C. G. S. 20.0S, 178.8W Fiji Islands H = 01 47 39.6 h = about 638 km
Alert eP 10 54 37	Halifax iP 21 09 18 c	Alberni eP 01 59 07
Mould Bay iP 10 54 26 c	London eP 21 11 06 (d)	Alert PP 02 06 06
	Mould Bay P 21 11 57	Banff eP 01 59 32
AUGUST 9 Penticton iP 13 01 41 d	Penticton iP 21 13 36 d	Penticton iP 01 59 19 c Victoria eP 01 59 07 c
	Resolute ep 21 11 09	
	Schefferville eP 21 09 14 c	
	Victoria eP 21 13 52	
AUGUST 10 Penticton iP 06 47 55	AUGUST 10 H = 21 49 39 Mag 1.9 Victoria eP ₁ 21 49 44.3 eS ₁ 21 49 48.4 D = 34 km	AUGUST 11 Penticton iP 02 17 33 c
AUGUST 10 Penticton iP 09 44 22 c		
AUGUST 10 H = 10 59 15 Mag 2.5 Banff eP ₁ 11 00 43.6 eS ₁ 11 01 06.0 D = 183 km	AUGUST 10 Alert eP 22 10 48	AUGUST 11 47°32'N, 70°03'W In the St. Lawrence River, 10 miles west of Kamouraska, Quebec H = 03 05 15.8 Mag 4.1

DOMINION OBSERVATORIES

Halifax		Mould Bay		Penticton	
e	03 07 32.5	iP	08 26 52 d	iP	05 21 50 c
S ₁	03 07 57.5	Penticton		Schefferville	
D = 595 km		iP	08 28 15 c	eP	05 21 52
London		Resolute		Victoria	
e	03 09 55	ip	08 27 24 d	eP	05 22 01
D = 1180 km		Schefferville			
Montreal		eP	08 29 13		
P ₁	03 06 13	Victoria		AUGUST 12	
i	03 06 47	iP	08 28 09 c	U. S. C. G. S.	
S ₁	03 06 56			58.2S, 25.1W	
D = 356 km				Sandwich Islands	
Schefferville		AUGUST 11		H = 10 38 01.8	
P _n	03 07 04	Penticton		h = about 33 km	
S _n	03 08 23	eP	11 52 31	Mould Bay	
L _g	03 09 03			P'	10 57 39
D = 840 km					
		AUGUST 11			
AUGUST 11		Victoria		AUGUST 12	
U. S. C. G. S.		eP	11 53 45	Penticton	
15.7S, 172.9W				iP	11 00 31 c
Tonga Islands region		AUGUST 11			
H = 06 47 41.7		Penticton		AUGUST 12	
h = about 157 km		eP	18 12 22	Penticton	
Banff				iP	12 50 09
eP	06 59 50				
Penticton		AUGUST 11			
iP	06 59 35 c	Mould Bay		AUGUST 12	
Victoria		P	18 25 11	Canadian Arctic	
eP	06 59 22			H = 14 33 26.1	
				Mag 2.5	
		AUGUST 11		Resolute	
AUGUST 11		H = 19 11 31		P ₁	14 33 55
U. S. C. G. S.		Alberni		S ₁	14 34 17
25.2N, 123.3E		iP ₁	19 11 39.2	D = 180 km	
Off northeast coast		iS ₁	19 11 45.3		
of Formosa		D = 50 km		AUGUST 12	
H = 08 15 43.7				Penticton	
h = about 140 km				eP	19 24 55
Mag 6 (Pas)		AUGUST 12			
5 - 5 1/2 (Pal)		U. S. C. G. S.		AUGUST 12	
Alberni		12.2N, 87.8W		Alert	
iP	08 28 04 c	Off west coast of		i	21 43 27
Alert		Nicaragua			
eP	08 26 56 c	H = 05 13 33.1			
iS	08 36 08	h = about 33 km			
Banff		Banff			
iP	08 28 20 c	eP	05 21 43		

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<p>AUGUST 13 U. S. C. G. S. 2. 1N, 83.5W About 300 miles northwest of Ecuador H = 06 35 56.0 h = about 33 km Mag 6 1/2 - 6 3/4 (Pas) 5.4 (Bks) 5 1/2 - 5 3/4 (Pal) Alert eP 06 48 08 S 06 58 14 Halifax eP 06 44 15 d London iP 06 43 36 c Mould Bay P 06 47 44 Penticton iP 06 45 34 d Resolute ip 06 47 (23) Schefferville eP 06 45 20 Shawinigan Falls eP 06 44 11 Victoria eP 06 45 42</p>	<p>AUGUST 13 Alert i 14 17 44</p> <p>AUGUST 13 Victoria eP 17 31 51</p> <p>AUGUST 13 U. S. C. G. S. 51.8N, 110.2E Buryatskaya, S. S. R. H = 20 11 36.1 h = about 33 km Penticton iP 20 22 48 Schefferville eP 20 23 02</p> <p>AUGUST 13 Penticton iP 22 16 28</p> <p>AUGUST 13 H = 23 32 28 Mag 2.7 Penticton P_n 23 33 18.0 S_n 23 34 01.5 D = 356 km</p> <p>AUGUST 14 U. S. C. G. S. 49.9S, 163.0E About 300 miles north of Macquarie Islands H = 01 10 50.5 h = about 43 km Alert eP' 01 30 20 Halifax eP' 01 30 38</p>	<p>Penticton eP' 01 29 38 Schefferville eP' 01 30 35</p> <p>AUGUST 14 Canadian Arctic H = 03 33 59.3 Mag 2.6 Resolute P₁ 03 34 15 S₁ 03 34 27 D = 98 km</p> <p>AUGUST 14 U. S. C. G. S. 28.0N, 55.6E Iran H = 07 27 44.8 h = about 43 km Alert eP 07 38 28 Schefferville eP 07 40 12</p> <p>AUGUST 14 Alert eP 11 57 56 Penticton iP 11 54 43c Schefferville eP 11 55 04</p> <p>AUGUST 15 U. S. C. G. S. 31.4N, 139.2E South of Honshu, Japan H = 02 45 33.9 h = about 155 km Alert eP 02 56 04 d</p>
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DOMINION OBSERVATORIES

AUGUST 15 U. S. C. G. S. 55. 3N, 167. 0E Komandorskie Islands H = 03 11 15. 7 h = about 33 km Banff eP 03 19 24 Penticton iP 03 19 16 Victoria eP 03 19 04	AUGUST 15 U. S. C. G. S. 51. 8N, 177. 0W Andreanof Islands, Aleutian Islands H = 11 20 44. 5 h = about 53 km Alberni eP 11 27 16 Alert eP 11 28 35 Banff eP 11 27 50 c London eP 11 30 52 Mould Bay P 11 27 15 Penticton iP 11 27 39 c Schefferville eP 11 30 39 d Victoria eP 11 27 34	AUGUST 16 Alert eP 04 57 51 AUGUST 16 Alert eP 08 56 56 Mould Bay iP 08 56 26 d Penticton eP 08 56 49 AUGUST 16 Penticton eP 13 28 34 AUGUST 16 Penticton iP 14 59 27 AUGUST 16 Penticton iP 21 25 55 AUGUST 17 U. S. C. G. S. 15. 8S, 172. 9W Samoa Islands region H = 00 32 26. 9 h = about 33 km Penticton iP 00 44 35 AUGUST 17 U. S. C. G. S. 7. 9N, 71. 4W Venezuela H = 03 07 46. 7 h = about 17 km Alert eP 03 19 27 Penticton iP 03 17 38
AUGUST 15 H = 04 10 20 Mag 1. 5 Penticton P ₁ 04 10 48. 6 S ₁ 04 11 10. 2 D = 177 km		
AUGUST 15 U. S. C. G. S. 54. 6N, 161. 5E Near east coast of Kamchatka H = 08 19 37. 8 h = about 52 km Alberni iP 08 27 43 d Alert eP 08 27 20 c Penticton iP 08 28 01 c Schefferville eP 08 30 06 Victoria iP 08 27 49	AUGUST 15 Penticton iP 17 30 37 AUGUST 15 Alberni eP 18 17 34 Penticton eP 18 17 51 Victoria eP 18 17 40 AUGUST 16 Penticton iP 01 53 09	
AUGUST 15 U. S. C. G. S. 45. 2N, 132. 6E Manchuria, China H = 10 06 53. 6 h = about 37 km Penticton iP 10 17 42		

SEISMOLOGICAL BULLETIN - 1962

<p>AUGUST 17 U. S. C. G. S. 31.6S, 67.7W San Juan Province, Argentina H = 03 23 31.5 h = about 33 km Halifax iP 03 35 19 c London iP 03 35 13.7 c Penticton iP 03 36 43 Schefferville eP 03 36 12</p>	<p>AUGUST 17 U. S. C. G. S. 4.7S, 79.4W Peru-Ecuador border H = 07 26 33.4 h = about 96 km Alberni eP 07 37 18 Alert eP 07 39 11 Banff eP 07 36 56 c Penticton iP 07 37 00 d</p>	<p>AUGUST 18 U. S. C. G. S. 21.9S, 179.3W Fiji Islands region H = 04 01 33.5 h = about 516 km Penticton iP 04 13 32</p>
<p>AUGUST 17 Penticton iP 03 53 55</p>	<p>AUGUST 17 U. S. C. G. S. 15.2S, 178.6W Fiji Islands H = 11 48 47.3 h = about 391 km Penticton iP 12 00 29 d</p>	<p>AUGUST 18 U. S. C. G. S. 0.8N, 82.3W Off coast of Ecuador H = 06 59 32.2 h = about 33 km Penticton iP 07 09 27 c</p>
<p>AUGUST 17 Alert e(P) 03 58 11 i 03 58 47</p>	<p>AUGUST 17 U. S. C. G. S. 19.3S, 177.5W Fiji Islands H = 16 19 47.3 h = about 528 km Penticton iP 16 31 29 d</p>	<p>AUGUST 18 Penticton eP 11 08 09</p>
<p>AUGUST 17 Alert eP 04 59 (45) i 05 01 39</p>	<p>AUGUST 17 U. S. C. G. S. 10.6N, 121.6E Panay region, Philippine Islands H = 05 04 31.5 h = about 33 km Alert eP 05 17 16 Mould Bay P 05 17 12 Penticton iP 05 18 16 d</p>	<p>AUGUST 18 Alert eP 13 14 (08)</p>
<p>AUGUST 17 U. S. C. G. S. 10.6N, 121.6E Panay region, Philippine Islands H = 05 04 31.5 h = about 33 km Alert eP 05 17 16 Mould Bay P 05 17 12 Penticton iP 05 18 16 d</p>	<p>AUGUST 17 U. S. C. G. S. 15.4S, 172.7W Samoa Islands region H = 22 55 55.4 h = about 33 km Penticton iP 23 08 03</p>	<p>AUGUST 18 U. S. C. G. S. 62.3N, 152.5W Central Alaska H = 16 43 54.3 h = about 32 km Mag 6 - 6 1/4 (Pas) 5 1/4 - 5 1/2 (Pal) Alert eP 16 49 51 S 16 55 12</p>

DOMINION OBSERVATORIES

Banff		AUGUST 18	AUGUST 19
eP	16 48 54	H = 19 59 40	U. S. C. G. S.
Halifax		Mag 2.2	16.1S, 173.4W
iP	16 52 55 d	Penticton	Tonga Islands region
London		P _n 20 00 19.4	H = 04 14 10.9
iP	16 52 06 c	S _n 20 00 51.9	h = about 33 km
Mould Bay		D = 266 km	Penticton
P	16 48 04		iP 04 26 22
Penticton		AUGUST 18	AUGUST 19
iP	16 48 51 c	Penticton	U. S. C. G. S.
Resolute		iP 21 30 15	50.6N, 129.5W
ip	16 49 03		Vancouver Island region
Schefferville		AUGUST 18	H = 06 28 39.1
eP	16 51 45	U. S. C. G. S.	h = about 33 km
Victoria		52.5N, 172.3W	Alberni
eP	16 48 40	Andreanof Islands,	iP 06 29 31 c
		Aleutian Islands	Penticton
AUGUST 18		H = 23 20 17.6	iP 06 30 15
U. S. C. G. S.		h = about 33 km	Victoria
62.3N, 152.5W		Penticton	eP 06 29 45
Central Alaska		iP 23 26 48	
H = 17 46 14.9			AUGUST 19
h = about 32 km			U. S. C. G. S.
Mag 6 - 6 1/4 (Pas)		AUGUST 19	44.6N, 81.7E
5 1/4 - 5 1/2 (Pal)		Penticton	Northwest Sinkiang
Alberni		iP 00 31 49 d	Province
iP	17 50 50.8 c		H = 18 26 38.6
Alert		AUGUST 19	h = about 33 km
eP	17 52 13 c	U. S. C. G. S.	Mag 5 3/4 - 6 (Pal)
P _c P	17 55 20	19.9S, 66.9W	Alberni
S	17 57 34	Bolivia	eP 18 39 09
Banff		H = 00 23 03.9	Alert
eP	17 51 11 c	h = about 24 km	eP 18 35 45
Halifax		Penticton	S 18 43 06
iP	17 55 16 d	iP 00 35 04	Banff
London		Schefferville	eP 18 39 01
eP	17 54 26.5 c	eP 00 34 16 c	London
Mould Bay			P 18 39 43.6
P	17 50 22		Mould Bay
Penticton		AUGUST 19	iP 18 36 34 d
iP	17 51 11 c	Mould Bay	Penticton
Resolute		P 03 33 23	iP 18 39 10
ep	17 51 20		Resolute
Schefferville			eP 18 36 (52)
eP	17 54 06 c		Schefferville
Victoria			eP 18 38 30
iP	17 51.00.0		Victoria
			iP 18 39 11.0 d

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AUGUST 19

U. S. C. G. S.

26. 6S, 69. 8W

Near coast of

northern Chile

H = 23 12 50. 4

h = about 51 km

London

P 23 23 58. 7

Penticton

iP 23 25 34 d

Schefferville

iP 23 25 03 c

Victoria

iP 23 25 40 d

AUGUST 20

U. S. C. G. S.

31. 1N, 114. 1W

Gulf of California

H = 10 43 23. 2

h = about 14 km

Mag 5 - 5 1/4 (Pas)

Banff

eP 10 48 00

Penticton

iP 10 47 44 d

AUGUST 20

U. S. C. G. S.

20. 9S, 178. 8W

Tonga Islands region

H = 11 22 39. 8

h = about 605 km

Penticton

iP 11 34 25 d

AUGUST 20

Penticton

iP 13 17 15

AUGUST 20

U. S. C. G. S.

13. 9N, 92. 9W

Off coast of Chiapas,

Mexico

H = 13 14 59. 2

h = about 33 km

Mould Bay

P 13 25 32

Penticton

iP 13 22 45

AUGUST 20

Provisional

76. 2°N, 93. 9°W

Off the south coast

of Grinnell Peninsula,

Devon Island, N. W. T.

H = 14 34 17. 7

Alert

P_n 14 36 21

D = 965

Mould Bay

P_n 14 35 46

D = 670 km

Resolute

P₁ 14 34 44

S₁ 14 35 04

D = 164 km

AUGUST 20

U. S. C. G. S.

14. 7S, 166. 6E

New Hebrides Islands

H = 23 18 39. 8

h = about 52 km

Penticton

iP 23 31 37

AUGUST 21

Alert

e(P) 00 11 05

AUGUST 21

Alert

eP 00 48 41

i 00 48 45

AUGUST 21

U. S. C. G. S.

41. 3N, 127. 1W

Off coast of northern

California

H = 02 12 42. 0

h = about 33 km

Penticton

iP 02 14 57

AUGUST 21

U. S. C. G. S.

42. 3N, 126. 6W

Off coast of northern

California

H = 02 57 38. 6

h = about 40 km

Penticton

iP 02 59 36

AUGUST 21

U. S. C. G. S.

28. 2S, 176. 7W

Kermadec Islands region

H = 16 10 08. 7

h = about 57 km

Penticton

iP 16 23 09

AUGUST 21

U. S. C. G. S.

62. 4N, 152. 6W

Central Alaska

H = 17 30 14. 0

h = about 42 km

Alert

eP 17 36 10

Penticton

iP 17 35 08

SEISMOLOGICAL BULLETIN - 1962

AUGUST 23	AUGUST 23	Schefferville
U. S. C. G. S.	Alert	iP 19 36 41 c
62. 2N, 152. 8W	eP 16 42 27	Victoria
Central Alaska		iP 19 30 52
H = 12 46 22.7		
h = about 25 km	AUGUST 23	
Alert	Penticton	AUGUST 23
eP 12 52 21	iP 18 48 36	U. S. C. G. S.
Banff		56. 1S, 26. 6W
eP 12 51 24		Sandwich Islands
Penticton	AUGUST 23	H = 20 52 51. 8
iP 12 51 20 c	U. S. C. G. S.	h = about 33 km
Schefferville	15. 6S, 172. 2W	Mould Bay
iP 12 54 15 d	Samoa Islands region	P' 21 12 23
Victoria	H = 19 17 26. 6	Penticton
eP 12 51 09	h = about 33 km	iP' 21 11 59
	Penticton	
	iP 19 29 33	
AUGUST 23		AUGUST 24
H = 14 12 56		Penticton
Mag 2. 4	AUGUST 23	iP 01 31 43
Penticton	U. S. C. G. S.	
P _n 14 13 42. 9	41. 8N, 124. 1W	AUGUST 24
S _n 14 14 23. 5	Del Norte County,	Penticton
D = 332 km	California	eP 02 19 44
	H = 19 29 16. 0	
	h = about 33 km	
AUGUST 23	Mag 5 - 5 1/4 (Pas)	AUGUST 24
Alert	5 1/2 (Brk)	Mould Bay
eP 14 45. 7	5 1/4 - 5 1/2 (Pal)	P 02 58 46
	Alberni	
	iP 19 31 03	AUGUST 24
AUGUST 23	Alert	Penticton
U. S. C. G. S.	eP 19 37 31	iP 02 58 25
22. 9N, 120. 8E	S 19 44 12	
Near south coast	S _c S 19 47 26	AUGUST 24
of Formosa	Banff	Penticton
H = 15 29 46. 6	iP 19 31 54	eP 04 39 20
h = about 17 km	Halifax	
Alberni	iP 19 37 15. 5 c	AUGUST 24
eP 15 42 35	London	Alert
Penticton	eP 19 35 35 d	i 05 41 23
iP 15 42 48	Mould Bay	
Victoria	P 19 36 03	
P 15 42 41	Penticton	
	iP 19 31 13 d	
	Resolute	
	P 19 36 10	

DOMINION OBSERVATORIES

AUGUST 24 Penticton iP 06 21 28	AUGUST 24 Alert Alert eP 16 04 21	Alert eP' 08 49 23 Banff iP 08 43 50 c Halifax eP' 08 49 40 Penticton iP 08 43 36 c Victoria iP 08 43 24 c
AUGUST 24 U. S. C. G. S. 24. 5S, 178. 8E Fiji Islands region H = 06 47 08. 1 h = about 526 km Penticton iP 06 59 20	AUGUST 24 Resolute iP 16 06 29 AUGUST 24 Penticton eP 17 03 08	AUGUST 25 Penticton iP 15 41 21
AUGUST 24 U. S. C. G. S. 15. 0S, 173. 3W Samoa Islands region H = 09 04 22. 9 h = about 33 km Mag 5 1/4 - 5 1/2 (Pal) Penticton iP 09 16 32	AUGUST 25 U. S. C. G. S. 44. 4N, 148. 7E Kurile Islands H = 00 29 04. 9 h = about 80 km Penticton eP 00 38 59 Resolute P 00 38 22	AUGUST 26 U. S. C. G. S. 27. 9N, 129. 3E Ryukyu Islands H = 01 33 36. 6 h = about 33 km Mould Bay P 01 44 32 Penticton iP 01 45 53
AUGUST 24 U. S. C. G. S. 17. 5S, 70. 4W Peru-Bolivia border H = 13 15 37. 0 h = about 92 km Penticton iP 13 27 37 d	AUGUST 25 U. S. C. G. S. 55. 5N, 155. 9W Off southeast coast of Alaska Peninsula H = 02 11 11. 5 h = about 33 km Alert eP 02 18 14 Penticton eP 02 16 11	AUGUST 26 U. S. C. G. S. 34. 0N, 139. 2E Near east coast of Honshu, Japan H = 06 48 57. 1 h = about 38 km Alberni P 06 59 58 Alert eP 06 59 23 S 07 07 (53) Banff eP 07 00 23 Mould Bay P 06 59 00 Penticton iP 07 00 16 Resolute iP 06 59 41 d
AUGUST 24 Mould Bay P 14 42 15	AUGUST 25 U. S. C. G. S. 20. 5S, 178. 5W Fiji Islands H = 08 31 48. 7 h = about 561 km Alberni iP 08 43 23 c	
AUGUST 24 Penticton eP 15 03 05		

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Schefferville eP 07 01 49 d	AUGUST 26 U.S.C.G.S. 34.3N, 139.3E Near east coast of Honshu, Japan H = 22 35 13.9 h = about 54 km Alert eP 22 45 37 Resolute iP 22 45 54 d	AUGUST 27 U.S.C.G.S. 44.3N, 150.8E Kurile Islands H = 09 49 56.5 h = about 60 km Penticton iP 09 59 45
AUGUST 26 Canadian Arctic H = 06 50 52.3 Mag 2.9 Alert P ₁ 06 51 33 S ₁ 06 52 04 D = 254 km	AUGUST 26 U.S.C.G.S. 3.7S, 140.1E New Guinea H = 23 30 38.0 h = about 50 km Alert eP 23 44 22	AUGUST 27 U.S.C.G.S. 38.3N, 142.4E Off east coast of Honshu, Japan H = 16 20 04.7 h = about 40 km Alert eP 16 30 01 c Penticton iP 16 30 52 c Resolute iP 16 30 17 c Schefferville eP 16 32 31
AUGUST 26 Canadian Arctic H = 07 17 42 Mag 2.9 Alert P ₁ 07 18 24 S ₁ 07 18 56 D = 262 km	AUGUST 27 U.S.C.G.S. 49.2N, 137.8E Sea of Japan H = 02 18 58.8 h = about 274 km Alberni eP 02 29 11 Penticton iP 02 29 29 c Resolute iP 02 28 38 c Victoria P 02 29 18	AUGUST 27 U.S.C.G.S. 36.6N, 70.2E Hindu Kush H = 19 12 48.9 h = about 210 km Alert eP 19 22 (27)
AUGUST 26 Penticton iP 11 57 33	AUGUST 26 Penticton eP 13 24 07	
AUGUST 26 U.S.C.G.S. 36.5N, 1.6E Near coast of Algeria H = 16 30 47.0 h = about 15 km Penticton iP 16 42 57	AUGUST 27 Alert iP 03 28 18 d	

DOMINION OBSERVATORIES

<p>AUGUST 27 U. S. C. G. S. 12. 3S, 167. 1E Santa Cruz Islands H = 22 13 29. 6 h = about 220 km Penticton iP 22 25 59 c</p>	<p>AUGUST 28 U. S. C. G. S. 15. 7S, 173. 1W Samoa Islands region H = 00 40 04. 9 h = about 33 km Penticton iP 00 52 14 c</p>	<p>Alert iP 11 08 58 c pP 11 09 34 iS 11 16 14 Banff iP 11 12 20 c Halifax iP 11 10 11 c London iP 11 11 23. 4 d Mould Bay</p>
<p>AUGUST 27 Alert eP 23 29 04</p>	<p>AUGUST 28 U. S. C. G. S. 34. 2N, 139. 3E Near east coast of Honshu, Japan H = 08 13 12. 4 h = about 38 km</p>	<p>iP 11 10 19 c iS 11 18 40 Penticton iP 11 12 32 c Resolute iP 11 09 58 c Schefferville iP 11 09 54 c S 11 17 57 Victoria iP 11 12 42</p>
<p>AUGUST 27 U. S. C. G. S. 21. 6S, 171. 5E Loyalty Islands region H = 23 30 10. 4 h = about 69 km Penticton iP 23 43 19</p>	<p>Alert eP 08 23 37 Mould Bay P 08 23 15 Penticton iP 08 24 32 Resolute iP 08 23 (57) Schefferville eP 08 26 06</p>	<p>AUGUST 28 Penticton iP 11 30 23</p>
<p>AUGUST 28 U. S. C. G. S. 35. 0N, 140. 2E Near east coast of Honshu, Japan H = 00 13 25. 6 h = about 33 km Alert eP 00 23 44 Penticton iP 00 24 33</p>	<p>AUGUST 28 U. S. C. G. S. 18. 6N, 105. 8W Off coast of Mexico H = 08 20 31. 5 h = about 33 km Alert iP 08 31 14 Halifax eP 08 28 34 London iP 08 26 55. 4 c</p>	<p>AUGUST 28 51. 7°N, 121. 9°W Near Lac La Hache H = 19 19 59 Mag 4. 3 Banff iP 19 21 01. 8 D = 456 km Penticton iP_n 19 20 44. 2 c iS_n 19 21 22 D = 311 km Victoria iP 19 20 51. 9 D = 374 km</p>
<p>AUGUST 28 U. S. C. G. S. 34. 2N, 139. 7E Near east coast of Honshu, Japan H = 00 29 26. 4 h = about 39 km Alert eP 00 39 50 Penticton iP 00 40 47</p>	<p>AUGUST 28 U. S. C. G. S. 38. 0N, 23. 1E Greece H = 10 59 58. 5 h = about 120 km Mag 6 3/4 (Pas)</p>	

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AUGUST 28 Schefferville eP 19 36 41	AUGUST 29 U. S. C. G. S. 18.0N, 103.3W Near coast of Mexico H = 08 50 32.0 h = about 33 km Penticton iP 08 57 13	Penticton iP 17 50 24
AUGUST 28 Penticton iP 21 34 45 d		AUGUST 29 U. S. C. G. S. 34.0N, 139.3E Near east coast of Honshu, Japan H = 20 20 20.5 h = about 33 km Alert eP 20 30 (47) Penticton eP 20 31 38 Resolute iP 20 31 08 c
AUGUST 28 H = 21 36 56 Mag 1.7 Banff iP ₁ 21 37 01.5 iS ₁ 21 37 05.5 D = 32 km	AUGUST 29 U. S. C. G. S. 7.3N, 80.5W Near south coast of Panama H = 10 14 12.5 h = about 33 km Penticton iP 10 23 28	
AUGUST 29 U. S. C. G. S. 34.9N, 140.0E Near east coast of Honshu, Japan H = 02 13 08.6 h = about 33 km Alert eP 02 23 30	AUGUST 29 U. S. C. G. S. 8.0S, 73.6W Peru-Brazil border H = 12 23 20.8 h = about 165 km Penticton iP 12 34 16	AUGUST 29 U. S. C. G. S. 22.5S, 71.6W Off coast of northern Chile H = 22 04 07.4 h = about 33 km Penticton iP 22 16 32
AUGUST 29 H = 02 44 54 Mag 2.1 Penticton eP _n 02 45 33.8 eS _n 02 46 06.6 D = 269 km	AUGUST 29 H = 17 02 53 Mag 1.2 Penticton P ₁ 17 03 04.0 S ₁ 17 03 12.2 D = 65 km	AUGUST 29 U. S. C. G. S. 34.1N, 139.1E Near east coast of Honshu, Japan H = 22 36 53.9 h = about 33 km Alert eP 22 47 20 S 22 55 (50) Penticton iP 22 48 14 Resolute iP 22 47 38 d Schefferville eP 22 49 46
AUGUST 29 Alert eP 07 03 (22)	AUGUST 29 U. S. C. G. S. 34.3N, 139.5E Near east coast of Honshu, Japan H = 17 39 06.0 h = about 33 km	
AUGUST 29 Penticton iP 08 45 14		

DOMINION OBSERVATORIES

AUGUST 30
U. S. C. G. S.
17. 4S, 69. 8W
Southern Peru
H = 06 22 27. 6
h = about 145 km
Penticton
eP 06 34 21

Penticton
iP 13 37 45
Resolute
iP 13 42 13 d
Schefferville
iP 13 41 53 c
Victoria
P 13 38 06

AUGUST 31
U. S. C. G. S.
15. 3S, 177. 2W
Fiji Islands region
H = 09 00 04. 8
h = about 59 km
Penticton
iP 09 12 20

AUGUST 30
U. S. C. G. S.
45. 5N, 26. 7E
Romania
H = 07 46 25. 2
h = about 100 km
Penticton
iP 07 58 30

AUGUST 30
Penticton
iP 15 00 12

AUGUST 31
Penticton
eP 10 38 13

AUGUST 30
U. S. C. G. S.
34. 0N, 139. 1E
Near east coast of
Honshu, Japan
H = 11 35 08. 9
h = about 33 km
Penticton
iP 11 46 29

AUGUST 30
U. S. C. G. S.
21. 2S, 174. 4W
Tonga Islands
H = 17 17 51. 9
h = about 33 km
Mag 5 1/2 (Brk)
Banff
eP 17 30 43
Penticton
iP 17 30 28 c
Victoria
P 17 30 16

AUGUST 31
U. S. C. G. S.
15. 4S, 177. 3W
Fiji Islands region
H = 10 33 30. 2
h = about 60 km
Penticton
iP 10 44 34

AUGUST 30
U. S. C. G. S.
41. 8N, 111. 8W
Utah-Idaho border
H = 13 35 28. 7
h = about 37 km
Mag 5 3/4 - 6 (Pas)
5. 8 (Pal)
Alert
eP 13 43 31
S 13 50 (10)
Banff
eP 13 37 50
Halifax
eP 13 42 19
London
iP 13 40 27. 2 c
Mould Bay
iP 13 42 18 d
S 13 47 50

AUGUST 31
Penticton
eP 06 38 02

AUGUST 31
U. S. C. G. S.
52. 5N, 160. 6E
Near east coast
of Kamchatka
H = 16 26 05. 9
h = about 63 km
Alert
eP 16 34 04
Mould Bay
P 16 33 15
Penticton
iP 16 34 40

AUGUST 31
Penticton
iP 06 43 37

AUGUST 31
Penticton
iP 08 21 21

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AUGUST 31
 U. S. C. G. S.
 51.3N, 179.7W
 Rat Islands,
 Aleutian Islands
 H = 17 02 43.4
 h = about 26 km
 Mag 6 3/4 (Pas)
 6 - 6 1/4 (Pal)

Alert
 eP 17 10 41
 P_CP 17 12 35
 i 17 16 21
 S 17 17 (19)

Banff
 eP 17 10 09 c?

Halifax
 eP 17 13 52

Mould Bay
 P 17 09 26 c
 P_CP 17 12 04
 S 17 15 08

Penticton
 iP 17 09 57 c

Resolute
 iP 17 10 20 c

Schefferville
 eP 17 12 51

Victoria
 P 17 09 41 c

AUGUST 31
 U. S. C. G. S.
 51.4N, 179.8W
 Rat Islands,
 Aleutian Islands
 H = 17 56 08.9
 h = about 43 km

Alert
 eP 18 04 05

Mould Bay
 eP 18 02 51 c
 P_CP 18 05 28

Penticton
 18 03 22 c

Resolute
 P 18 03 44

Schefferville
 eP 18 06 16

Victoria
 P 18 03 06 c

AUGUST 31
 U. S. C. G. S.
 51.4N, 179.8W
 Rat Islands,
 Aleutian Islands
 H = 21 23 14.4
 h = about 33 km

Penticton
 iP 21 30 28 d

SEPTEMBER 1
 Penticton
 eP 02 31 17

SEPTEMBER 1
 U. S. C. G. S.
 51.3N, 179.7W
 Rat Islands,
 Aleutian Islands
 H = 03 46 05.0
 h = about 25 km
 Mag 6 1/2 (Pas)
 6 (Pal)

Alert
 eP 03 54 03
 S 04 00 32

Halifax
 eP 03 57 13

London
 P 03 56 27.8

Mould Bay
 iP 03 52 49 c
 P_CP 03 55 26

Penticton
 iP 03 53 20 c

Resolute
 iP 03 53 41 d

Schefferville
 iP 03 56 14 c

Victoria
 iP 03 53 04 c

SEPTEMBER 1
 U. S. C. G. S.
 51.1N, 180.0
 Rat Islands,
 Aleutian Islands
 H = 03 58 21.5
 h = about 33 km

Alert
 eP 04 06 20

Mould Bay
 iP 04 05 05 c
 P_CP 04 07 43

Penticton
 iP 04 05 36

Schefferville
 eP 04 08 30

SEPTEMBER 1
 U. S. C. G. S.
 51.3N, 179.9W
 Rat Islands,
 Aleutian Islands
 H = 04 41 41.5
 h = about 37 km

Alert
 iP 04 49 38

Banff
 eP 04 49 07 (c)

Mould Bay
 iP 04 48 24 c
 P_CP 04 51 00

Penticton
 iP 04 48 54

Resolute
 iP 04 49 16 d

Schefferville
 eP 04 51 48

Victoria
 iP 04 48 40 c

DOMINION OBSERVATORIES

SEPTEMBER 1	SEPTEMBER 1	SEPTEMBER 1
U. S. C. G. S.	U. S. C. G. S.	U. S. C. G. S.
15. 9S, 168. 2E	51. 3N, 179. 9W	25. 8N, 65. 3E
New Hebrides Islands	Rat Islands	Near coast of
H = 04 52 14.5	Aleutian Islands	West Pakistan
h = about 244 km	H = 07 51 08.2	H = 15 01 04.6
Alert	h = about 42 km	h = about 46 km
eP' 05 10 17	Mag 6 1/2 (Pas)	Alert
Banff	6 (Pal)	eP 15 12 (08)
eP 05 06 05	Alert	i 15 12 15
Halifax	iP 07 59 04 c	Mould Bay
eP' 05 10 52 c	Banff	eP 15 13 01 d
Penticton	iP 07 58 32 c	PP 15 16 00
iP 05 04 51 c	Halifax	Schefferville
ipP 05 05 51	eP 08 02 15	eP 15 14 07
Schefferville	London	
eP' 05 10 40	eP 08 01 29.3 c	
Victoria	Mould Bay	SEPTEMBER 1
iP 05 04 39 c	iP 07 57 50 c	Mould Bay
	P _c P 08 00 26	P 18 18 37
	S 08 03 30	
SEPTEMBER 1	Penticton	SEPTEMBER 1
Alert	iP 07 58 21 c	U. S. C. G. S.
eP 05 07 (33)	Resolute	35. 6N, 50. 0E
Mould Bay	P 07 58 42	Northwest Iran
iP 05 06 17 c	Schefferville	H = 19 20 38.5
i 05 08 53	iP 08 01 15 c	h = about 21 km
Schefferville	Victoria	Mag 7 1/4 (Pas)
eP 05 09 42	iP 07 58 05 c	7 3/4 (Brk)
SEPTEMBER 1		7 (Pal)
Penticton	SEPTEMBER 1	Alert
iP 05 34 41	U. S. C. G. S.	ip 19 38 30
SEPTEMBER 1	51. 4N, 179. 8W	S 19 38 32
Penticton	Rat Islands,	Banff
iP 06 49 39	Aleutian Islands	eP 19 33 50 c
	H = 08 47 06.9	Halifax
	h = about 29 km	iP 19 32 48 c
SEPTEMBER 1	Mould Bay	London
U. S. C. G. S.	iP 08 53 50 c	P 19 33 37.3
51. 2N, 180. 0	Penticton	Mould Bay
Rat Islands,	iP 08 54 20	iP 19 31 40 c
Aleutian Islands		iS 19 40 45
H = 07 42 07.4	SEPTEMBER 1	Penticton
h = about 33 km	Penticton	iP 19 34 01 c
Mould Bay	iP 08 59 25	Resolute
P 07 48 51		P 19 31 37 c
Penticton		Schefferville
iP 07 49 22		iP 19 32 20 c
		Victoria
		eP 19 34 06 c

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SEPTEMBER 1	Penticton	SEPTEMBER 3
Alert	iP 03 09 43 c	Alert
eP 19 43 23	Schefferville	i 07 01 47
	eP 03 12 37	
	Victoria	
	iP 03 09 27	
SEPTEMBER 1	SEPTEMBER 2	SEPTEMBER 3
U. S. C. G. S.	U. S. C. G. S.	Penticton
35. 3N, 49. 6E	27. 5N, 127. 0E	iP 07 37 37 d
Northwest Iran	Ryukyu Islands	
H = 20 27 37. 2	H = 05 33 05. 4	
h = about 33 km	h = about 58 km	
Alert	Penticton	SEPTEMBER 3
eP 20 37 29	iP 05 45 27	Penticton
Mould Bay		iP 08 08 01
iP 20 38 38 d		
SEPTEMBER 1	SEPTEMBER 2	SEPTEMBER 3
U. S. C. G. S.	U. S. C. G. S.	U. S. C. G. S.
79. 0N, 2. 7E	10. 2S, 120. 3E	34. 5N, 139. 4E
Svalbard region	Soemba Islands region	Near east coast
H = 23 43 24. 9	H = 15 21 55. 0	of Honshu, Japan
h = about 19 km	h = about 33 km	H = 16 50 38. 2
Alert	Schefferville	h = about 33 km
eP 23 45 54	eP' 15 41 21	Penticton
S 23 47 44		iP 17 01 55
Resolute		
iS 23 51. 5		
SEPTEMBER 2	SEPTEMBER 2	SEPTEMBER 4
Alert	Penticton	Penticton
eP 01 25 33	iP 19 31 20	iP 00 28 03
S 01 27 24		
SEPTEMBER 2	SEPTEMBER 2	SEPTEMBER 4
U. S. C. G. S.	U. S. C. G. S.	U. S. C. G. S.
51. 3N, 179. 8W	71. 2N, 12. 7W	32. 5S, 112. 3W
Rat Islands,	Jan Mayen Island	South of Easter Island
Aleutian Islands	region	region
H = 03 02 29. 3	H = 19 52 06. 7	H = 08 27 48. 8
h = about 26 km	h = about 33 km	h = about 33 km
Alert	Alert	Penticton
iP 03 10 27 c	eP 19 55 32	iP 08 40 05
Mould Bay		Victoria
iP 03 09 13 c		eP 08 40 03
	SEPTEMBER 3	
	Schefferville	
	eP 04 47 21	

DOMINION OBSERVATORIES

SEPTEMBER 4	SEPTEMBER 4	Penticton
U. S. C. G. S.	U. S. C. G. S.	iP 21 56 16 d
35. 6N, 49. 7E	41. 0N, 124. 0W	Victoria
Northwest of Iran	Near coast of	P 21 56 32
H = 13 30 10. 9	northern California	
h = about 24 km	H = 17 17 27. 6	
Alert	h = about 48 km	SEPTEMBER 4
iP 13 40 02 c	Mag 4 3/4 - 5 (Pas)	U. S. C. G. S.
Halifax	4 3/4 (Brk)	39. 9N, 44. 2E
eP 13 42 21	Alert	Turkey-Armenia,
Penticton	eP 17 25 49	S. S. R. border
iP 13 43 33	Banff	H = 22 59 19. 4
	iP 17 20 15 c	h = about 33 km
	Halifax	Banff
	eP 17 25 30 c	eP 23 12 07
SEPTEMBER 4	London	Halifax
U. S. C. G. S.	P 17 23 49	P 23 10 53
15. 0N, 91. 7W	Penticton	Penticton
Mexico-Guatemala	iP 17 19 34 d	iP 23 12 18
border	Resolute	Schefferville
H = 15 17 42. 4	iP 17 24 (30)	eP 23 10 21
h = about 217 km	Schefferville	Victoria
Alert	eP 17 24 57 c	eP 23 12 24
eP 15 28 23	Victoria	
pP 15 29 07	eP 17 19 14 c	
Banff		SEPTEMBER 5
iP 15 25 03 c		Penticton
London	SEPTEMBER 4	eP 04 38 18
eP 15 23 25. 8 c	U. S. C. G. S.	Victoria
Penticton	15. 5S, 167. 7E	eP 04 37 58
iP 15 25 07	New Hebrides Islands	
Schefferville	H = 19 28 37. 0	
eP 15 25 31 c	h = about 133 km	
Victoria	Penticton	SEPTEMBER 5
eP 15 25 18	iP 19 41 21	U. S. C. G. S.
		52. 7N, 159. 1E
SEPTEMBER 4		Near east coast
Penticton	SEPTEMBER 4	of Kamchatka
iP 15 30 39	U. S. C. G. S.	H = 08 35 56. 3
Victoria	24. 0N, 46. 4W	h = about 101 km
eP 15 30 45	North Atlantic Ocean	Alert
	H = 21 46 00. 7	eP 08 43 51
	h = about 39 km	Banff
	Alert	eP 08 44 40 (c)
	eP 21 55 (57)	Penticton
	Banff	iP 08 44 32 c
	eP 21 56 03	Victoria
		eP 08 44 20 c

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SEPTEMBER 5

U. S. C. G. S.
3. 3S, 139. 9E
New Guinea
H = 11 17 06.7
h = about 110 km
Penticton
eP 11 30 33

SEPTEMBER 5

U. S. C. G. S.
40. 7N, 112. 0W
Utah
H = 16 04 29.0
Mag 5 (Pas)
Penticton
eP 16 06 56
Victoria
eP 16 07 13

SEPTEMBER 5

Penticton
iP 20 07 59

SEPTEMBER 5

Penticton
iP 21 16 55

SEPTEMBER 6

Penticton
iP 07 27 44

SEPTEMBER 6

U. S. C. G. S.
21. 2S, 174. 5W
Tonga Islands region
H = 10 49 00.7
h = about 110 km
Penticton
iP 11 01 28

SEPTEMBER 6

Probably northeast
Greenland
H = 12 15 01
Mag 4. 3
Note: Not recorded
at Resolute or
Mould Bay
Alert

P_n 12 16 50
S_n 12 18 10
L_g 12 18 54
D = 850 km

SEPTEMBER 6

Alert
eP 13 45 11

SEPTEMBER 6

U. S. C. G. S.
14. 3N, 90. 7W
Near coast of
Guatemala
H = 13 39 11. 2
h = about 160 km
Penticton
iP 13 46 51 c
Schefferville
eP 13 47 09 d

SEPTEMBER 6

Penticton
eP 19 01 19

SEPTEMBER 6

Alert
i 23 02 09

SEPTEMBER 7

Schefferville
eP 08 03 46

SEPTEMBER 7

Alert
eP 23 55 51
Schefferville
eP 23 58 38

SEPTEMBER 8

Penticton
iP 06 01 59

SEPTEMBER 8

Penticton
eP 06 32 28

SEPTEMBER 8

U. S. C. G. S.
16. 9N, 60. 9W
Leeward Islands region
H = 13 03 34. 7
h = about 33 km
Alert
eP 13 14 17 (d)
Penticton
iP 13 13 20 d
Victoria
eP 13 13 36

SEPTEMBER 8

London
i 20 55 45

SEPTEMBER 9

U. S. C. G. S.
10. 3N, 121. 4E
Near coast of
Panay, Philippine
Islands
H = 01 34 38. 5
h = about 58 km
Alert
iP 01 47 20
Penticton
iP 01 48 21
Victoria
eP 01 48 13

DOMINION OBSERVATORIES

SEPTEMBER 9	SEPTEMBER 10	Resolute
U. S. C. G. S.	U. S. C. G. S.	P' 16 01 17
17. 9S, 178. 6W	35. 0N, 27. 1E	Schefferville
Fiji Islands region	Dodecanese Islands	eP' 16 01 39 c
H = 02 56 04. 9	H = 09 36 24. 3	Victoria
h = about 625 km	h = about 33 km	iP 15 55 32 d
Penticton	Alert	
iP 03 07 37 c	eP 09 45 58	
Victoria	S 09 53 (43)	SEPTEMBER 10
P 03 07 24	Halifax	U. S. C. G. S.
	iP 09 47 15 d	17. 5S, 173. 6W
	London	Tonga Islands region
	eP 09 48 25	H = 17 49 16. 1
SEPTEMBER 9	Penticton	h = about 33 km
U. S. C. G. S.	iP 09 49 28 d	Penticton
15. 6S, 73. 4W	Schefferville	iP 18 01 32 d
Peru	eP 09 46 58	
H = 03 21 55. 5		
h = about 98 km		
Banff	SEPTEMBER 10	SEPTEMBER 10
eP 03 33 33	U. S. C. G. S.	U. S. C. G. S.
Halifax	51. 2N, 179. 7E	13. 6S, 111. 6W
eP 03 31 58	Rat Islands,	Pacific Ocean 1250 miles
Penticton	Aleutian Islands	southwest of Galapagos
iP 03 33 37 d	H = 13 50 48. 7	Islands
Schefferville	h = about 62 km	H = 20 07 56. 5
eP 03 32 59 d	Penticton	h = about 33 km
Victoria	iP 13 58 01 c	Schefferville
eP 03 33 45		eP 20 19 59 d
SEPTEMBER 9	SEPTEMBER 10	SEPTEMBER 10
U. S. C. G. S.	U. S. C. G. S.	U. S. C. G. S.
62. 4N, 152. 4W	21. 1S, 179. 2W	12. 3N, 86. 7W
Alaska	Fiji Islands	Nicaragua
H = 19 12 37. 1	H = 15 43 59. 4	H = 21 52 26. 6
h = about 57 km	h = about 640 km	h = about 178 km
Alert	Mag 6 1/2 (Pas)	Penticton
eP 19 18 31	Alert	iP 22 00 32
Banff	eP' 16 01 27 c	Schefferville
eP 19 17 36	Banff	eP 22 00 26 c
Halifax	iP 15 55 58 d	
eP 19 21 37 d	Halifax	
Penticton	iP' 16 01 44. 5 d	
iP 19 17 32 d	London	
Schefferville	P' 16 01 19. 6	
eP 19 20 26 d	Mould Bay	
	iP' 16 01 08 d	
	Penticton	
	iP 15 55 42 d	

DOMINION OBSERVATORIES

<p>SEPTEMBER 13 U. S. C. G. S. 11. 6N, 61. 3W North of Trinidad H = 14 35 02. 0 h = about 73 km Alert eP 14 46 13 London P 14 41 57 Mould Bay iP 14 46 17</p>	<p>SEPTEMBER 15 U. S. C. G. S. 13. 3N, 141. 9E Mariana Islands H = 00 55 41. 0 h = about 45 km Penticton iP 01 08 16</p>	<p>Penticton iP 22 59 55 d Resolute eP 22 59 28 d Schefferville eP 23 02 00 Victoria eP 22 59 43</p>
<p>SEPTEMBER 14 Penticton eP 00 11 49</p>	<p>SEPTEMBER 15 U. S. C. G. S. 20. 4S, 68. 1W Southern Bolivia H = 11 18 23. 0 h = about 33 km Penticton iP 11 30 48</p>	<p>SEPTEMBER 16 U. S. C. G. S. 19. 3N, 103. 1W Jalisco, Mexico H = 03 05 33. 0 h = about 100 km Mag 4 3/4 - 5 (Pal) Alert eP 03 16 04 i 03 16 24 Halifax P 03 13 11 i 03 13 30 London P 03 11 33 Penticton iP 03 11 58 Schefferville eP 03 13 39 d Victoria P 03 12 04</p>
<p>SEPTEMBER 14 Penticton iP 14 04 27</p>	<p>SEPTEMBER 15 Banff eP 12 28 20 Penticton eP 12 28 11</p>	
<p>SEPTEMBER 14 U. S. C. G. S. 19. 9S, 177. 6W Fiji Islands H = 18 17 52. 1 h = about 350 km Banff iP 18 30 09 d Penticton iP 18 29 55 d Victoria eP 18 29 42 d</p>	<p>SEPTEMBER 15 U. S. C. G. S. 48. 5N, 156. 8E Kurile Islands H = 22 50 46. 3 h = about 33 km Mag 6 1/2 (Pas) 6 (Pal) Alert eP 22 59 22 Banff eP 23 00 02 Halifax eP 23 02 58 d London eP 23 02 29 c Mould Bay P 22 58 38 S 23 05 06</p>	
<p>SEPTEMBER 14 H = 23 47 46 Mag 1. 6 Penticton eP_n 23 48 12. 8 eS_n 23 48 33. 6 D = 170 km</p>		<p>SEPTEMBER 16 U. S. C. G. S. 35. 8N, 118. 1W Kern County, California H = 05 36 15. 7 h = about 10 km Mag 4 3/4 - 5 (Pas) 5 1/2 - 5 3/4 (Brk) Alert eP 05 45 14 d Banff eP 05 39 55 Penticton iP 05 39 34 c Victoria eP 05 39 30</p>

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SEPTEMBER 16 Penticton iP 09 59 54	SEPTEMBER 17 Penticton iP 03 27 46	Alert eP 00 40 48 (c) S 00 50 25 Banff eP 00 38 09 Halifax eP 00 36 46 d London P 00 36 04 Mould Bay iP 00 40 24 d iS 00 49 44 Penticton iP 00 38 14 c Resolute iP 00 39 59 Schefferville eP 00 37 47 Victoria eP 00 38 25 c
SEPTEMBER 16 U.S.C.G.S. 16.7N, 94.2E Near coast of Burma H = 19 06 29.2 h = about 33 km Alert eP 19 18 39 Mould Bay P 19 19 03	SEPTEMBER 17 U.S.C.G.S. 66.1N, 153.9W Alaska H = 15 46 45.9 h = about 63 km Penticton iP 15 52 02	
SEPTEMBER 16 Penticton iP 21 29 21	SEPTEMBER 17 U.S.C.G.S. 23.5N, 121.7E Off east coast of Formosa H = 16 31 17.9 h = about 33 km Penticton iP 16 44 13	SEPTEMBER 18 Penticton iP 01 10 44
SEPTEMBER 16 U.S.C.G.S. 22.8N, 123.5E Near east coast of Formosa H = 22 45 10.8 h = about 33 km Alert eP 22 56 49 Mould Bay P 22 56 45 Penticton iP 22 58 04	SEPTEMBER 17 U.S.C.G.S. 21.0S, 179.1W Fiji Islands H = 17 55 45.4 h = about 601 km Alert eP' 18 13 16 Penticton iP 18 07 33 d Victoria iP 18 07 21	SEPTEMBER 18 Penticton iP 02 48 50
SEPTEMBER 17 U.S.C.G.S. 64.3N, 149.3W Alaska H = 01 10 18.7 h = about 63 km Penticton iP 01 15 11	SEPTEMBER 18 U.S.C.G.S. 7.5N, 82.3W South of Panama H = 00 29 05.2 h = about 33 km	SEPTEMBER 18 Penticton iP 05 04 26

DOMINION OBSERVATORIES

SEPTEMBER 18
 U. S. C. G. S.
 7. 3N, 82. 4W
 South of Panama
 H = 05 13 37. 5
 h = about 41 km
 Alert
 eP 05 25 19
 Mould Bay
 iP 05 24 56 c
 Penticton
 iP 05 22 47 c
 Schefferville
 eP 05 22 20
 Victoria
 P 05 23 05

SEPTEMBER 18
 U. S. C. G. S.
 2. 3N, 126. 9E
 Molucca Passage
 H = 06 10 26. 3
 h = about 33 km
 Mould Bay
 P 06 23 41

SEPTEMBER 18
 Alert
 eP 10 32 07
 i 10 34 07

SEPTEMBER 18
 U. S. C. G. S.
 21. 0S, 169. 9E
 New Hebrides Islands
 H = 20 11 47. 5
 h = about 81 km
 Penticton
 iP 20 24 56 c

SEPTEMBER 18
 U. S. C. G. S.
 14. 8S, 178. 1W
 Fiji Islands
 H = 21 47 30. 9
 h = about 526 km
 Penticton
 iP 21 58 57

SEPTEMBER 18
 Penticton
 iP 22 15 27

SEPTEMBER 19
 U. S. C. G. S.
 42. 0N, 132. 9E
 Sea of Japan
 H = 00 06 58. 7
 h = about 436 km
 Alert
 eP 00 15 53 c
 Penticton
 iP 00 17 20 d

SEPTEMBER 19
 U. S. C. G. S.
 52. 3N, 173. 4W
 Andreanof Islands,
 Aleutian Islands
 H = 01 22 35. 5
 h = about 33 km
 Alert
 eP 01 30 20
 Mould Bay
 eP 01 28 57 c
 iP_cP 01 31 47
 Penticton
 iP 01 29 14 c
 Schefferville
 P 01 32 19
 Victoria
 P 01 28 58

SEPTEMBER 19
 U. S. C. G. S.
 7. 6N, 81. 8W
 South of Panama
 H = 01 42 15. 1
 h = about 33 km
 Mould Bay
 P 01 53 35

SEPTEMBER 19
 Penticton
 eP 02 37 26

SEPTEMBER 19
 U. S. C. G. S.
 48. 1N, 145. 1E
 Near east coast of
 Sakhalin Island
 H = 05 07 39. 1
 h = about 466 km
 Alert
 eP 05 15 42 d
 Mould Bay
 iP 05 15 14 d
 Penticton
 iP 05 16 52 d
 Resolute
 iP 05 15 59

SEPTEMBER 19
 U. S. C. G. S.
 29. 9N, 50. 4E
 Western Iran
 H = 07 28 43. 2
 h = about 66 km
 Alert
 iP 07 39 07
 Mould Bay
 P 07 40 14

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SEPTEMBER 19

U. S. C. G. S.

11.5N, 141.0E

Mariana Islands
region

H = 07 48 35.2

h = about 61 km

Alert

eP 08 01 08

Mould Bay

eP 08 00 45 c

Penticton

iP 08 01 17 c

SEPTEMBER 19

Penticton

eP 10 42 53

SEPTEMBER 19

Penticton

iP 15 14 25

SEPTEMBER 19

H = 20 33 42

Mag 2.2

West of Victoria

Penticton

iP_n 20 34 29.3

D = 327 km

Victoria

iP₁ 20 33 46.0

iS₁ 20 33 48.7

D = 22 km

SEPTEMBER 20

Canadian Arctic

H = 02 29 36.9

Mag 2.0

Resolute

P₁ 02 29 50

S₁ 02 30 00

D = 82 km

SEPTEMBER 20

U. S. C. G. S.

4.5S, 80.5W

Near coast of
northern Peru

H = 06 03 23.7

h = about 17 km

Mould Bay

P 06 15 52

Penticton

iP 06 13 55

SEPTEMBER 20

U. S. C. G. S.

30.3N, 132.3E

Ryukyu Islands

H = 06 16 30.4

h = about 59 km

Alert

eP 06 27 20

Mould Bay

P 06 27 06

SEPTEMBER 20

U. S. C. G. S.

15.5S, 76.1W

Near coast of

southern Peru

H = 09 25 26.7

h = about 33 km

Penticton

iP 09 37 01

SEPTEMBER 20

Penticton

eP 11 10 02

SEPTEMBER 20

Mould Bay

P 14 23 54

Penticton

iP 14 21 44

SEPTEMBER 20

Alert

eP 18 13 31

Mould Bay

P 18 13 16

SEPTEMBER 21

U. S. C. G. S.

8.0N, 126.4E

Near east coast of
Mindanao, Philippine
Islands

H = 00 56 41.6

h = about 146 km

Mould Bay

eP 01 09 16 d

SEPTEMBER 21

U. S. C. G. S.

53.7N, 160.3E

Near east coast of
Kamchatka

H = 02 26 18.5

h = about 147 km

Mould Bay

eP 02 33 10 c

SEPTEMBER 21

U. S. C. G. S.

51.4N, 178.0W

Andreanof Islands,

Aleutian Islands

H = 05 04 28.6

h = about 33 km

Mould Bay

P 05 11 09

Penticton

eP 05 11 31

SEPTEMBER 21

Penticton

eP 05 50 45

DOMINION OBSERVATORIES

SEPTEMBER 21

U. S. C. G. S.
21. 2S, 179. 0W
Tonga Islands
region
H = 08 44 11. 0
h = about 624 km
Penticton
iP 08 55 57 d

SEPTEMBER 22

U. S. C. G. S.
51. 1N, 177. 9E
Rat Islands,
Aleutian Islands
H = 03 38 29. 9
h = about 33 km
Mould Bay
iP 03 45 22 c

Alert

eP 08 16 26
Mould Bay
iP 08 17 23 c
Penticton
iP 08 19 46 d
Schefferville
eP 08 18 44

SEPTEMBER 21

U. S. C. G. S.
51. 4N, 178. 3W
Andreanof Islands,
Aleutian Islands
H = 09 08 45. 7
h = about 33 km
Mould Bay
eP 09 15 24 c
Penticton
iP 09 15 51 c

SEPTEMBER 22

U. S. C. G. S.
24. 3S, 67. 1W
Salta Province,
Argentina
H = 06 44 04. 9
h = about 168 km
Penticton
iP 06 56 32

SEPTEMBER 22

Mould Bay
eP 15 26 49 d

SEPTEMBER 21

U. S. C. G. S.
17. 7S, 178. 7W
Fiji Islands region
H = 14 54 51. 0
h = about 536 km
Penticton
iP 15 06 30 c

SEPTEMBER 22

U. S. C. G. S.
26. 5N, 97. 0E
Northern Burma
H = 06 51 32. 3
h = about 33 km
Alert
eP 07 02 48 c
iS 07 12 04

SEPTEMBER 22

U. S. C. G. S.
41. 1N, 142. 8E
Off south coast of
Hokkaido, Japan
H = 18 00 57. 7
h = about 59 km
Mould Bay
P 18 10 05

SEPTEMBER 21

U. S. C. G. S.
57. 7S, 64. 1W
Drake Passage
H = 22 38 51. 7
h = about 51 km
Mould Bay
iP' 22 58 12 c

SEPTEMBER 22

Mould Bay
eP 07 03 12 c
S 07 12 50
Penticton
iP 07 05 06
Resolute
iP 07 03 36 c
Schefferville
eP 07 05 (08)

SEPTEMBER 22

Mould Bay
P 19 25 49

SEPTEMBER 23

U. S. C. G. S.
23. 7S, 179. 9E
Fiji Islands region
H = 06 59 49. 9
h = about 549 km
Penticton
iP 07 11 53

SEPTEMBER 22

U. S. C. G. S.
36. 4N, 69. 0E
Hindu Kush
H = 08 06 28. 2
h = about 33 km

SEISMOLOGICAL BULLETIN - 1962

SEPTEMBER 23
U. S. C. G. S.
14. 7N, 45. 1W
North Atlantic Ocean
H = 11 49 53. 5
h = about 33 km
Penticton
eP 12 00 57

SEPTEMBER 23
U. S. C. G. S.
14. 7N, 45. 1W
North Atlantic Ocean
H = 12 02 34. 7
h = about 32 km
Alert
eP 12 13 33
Mould Bay
P 12 13 58
Penticton
iP 12 13 38
Shawinigan Falls
eP 12 10 03

SEPTEMBER 23
U. S. C. G. S.
25. 9N, 128. 6E
Off east coast of
Ryukyu Islands
H = 12 24 13. 6
h = about 162 km
Mould Bay
iP 12 35 14 d

SEPTEMBER 23
Alert
e 12 47 58
Penticton
iP 12 48 02

SEPTEMBER 23
U. S. C. G. S.
60. 1N, 151. 2W
Kenai Peninsula,
Alaska
H = 15 50 46. 4
h = about 86 km
Alert
eP 15 56 56 d
Banff
eP 15 55 32 d
Halifax
eP 15 59 45 c
Mould Bay
eP 15 55 09 d
Penticton
iP 15 55 24 d
Resolute
P 15 56 03
Schefferville
eP 15 58 37 c
Shawinigan Falls
eP 15 59 02
Victoria
P 15 55 11

SEPTEMBER 23
Penticton
eP 17 31 52

SEPTEMBER 24
Penticton
eP 02 26 55

SEPTEMBER 24
U. S. C. G. S.
44. 3N, 80. 6E
Kazakh, S. S. R.
H = 03 26 38. 8
h = about 33 km
Mould Bay
P 03 36 33
i 03 36 40

SEPTEMBER 24
U. S. C. G. S.
9. 2N, 126. 6E
Off east coast of
Mindanao, Philippine
Islands
H = 05 28 26. 5
h = about 33 km
Mould Bay
eP 05 41 09 c
Penticton
iP 05 42 03
Resolute
i(P) 05 41 37 c

SEPTEMBER 24
Penticton
eP 07 19 01
Victoria
P 07 18 25

SEPTEMBER 24
U. S. C. G. S.
35. 9N, 139. 6E
Central Honshu,
Japan
H = 09 23 16. 5
h = about 83 km
Alert
eP 09 33 26
Mould Bay
P 09 33 03
Penticton
iP 09 34 21

SEPTEMBER 24
U. S. C. G. S.
23. 5S, 67. 1W
JuJuy Province,
Argentina
H = 13 56 45. 8
h = about 162 km
Penticton
iP 14 09 11

DOMINION OBSERVATORIES

<p>SEPTEMBER 24 U. S. C. G. S. 7. 7N, 83. 3W South of Panama H = 14 22 47. 0 h = about 79 km Mould Bay P 14 33 59 Penticton iP 14 31 49</p>	<p>SEPTEMBER 24 U. S. C. G. S. 42. 9N, 145. 3E Near east coast of eastern Hokkaido, Japan H = 14 45 37. 3 h = about 33 km Mould Bay eP 14 54 29 d Penticton iP 14 55 55</p>	<p>SEPTEMBER 25 U. S. C. G. S. 34. 0N, 131. 7E Near south coast of Yamaguchi H = 02 37 20. 1 h = about 33 km Mould Bay P 02 47 36</p>
<p>SEPTEMBER 24 Alert e(P) 14 41 10 i 14 41 17 Mould Bay P 14 41 36 Penticton iP 14 41 15</p>	<p>SEPTEMBER 24 U. S. C. G. S. 36. 4N, 70. 9E Hindu Kush H = 15 15 04. 3 h = about 216 km Mould Bay P 15 25 38</p>	<p>SEPTEMBER 25 U. S. C. G. S. 24. 0S, 176. 6W Tonga Islands region H = 07 30 09. 3 h = about 33 km Penticton iP 07 43 02 c</p>
<p>SEPTEMBER 24 U. S. C. G. S. 42. 8N, 145. 3E Near east coast of Hokkaido, Japan H = 14 38 21. 7 h = about 33 km Alert eP 14 47 45 Banff eP 14 48 47 Mould Bay P 14 47 15 Penticton iP 14 48 41 d Resolute P 14 48 02 Schefferville eP 14 50 24 Victoria P 14 48 30</p>	<p>SEPTEMBER 24 Penticton iP 16 10 05</p> <p>SEPTEMBER 24 Penticton iP 17 05 27</p> <p>SEPTEMBER 25 U. S. C. G. S. 55. 6S, 124. 3W South Pacific Ocean H = 00 21 14. 6 h = about 67 km Mould Bay P' 00 40 25</p>	<p>SEPTEMBER 25 U. S. C. G. S. 32. 9N, 137. 8E South of Honshu Island, Japan H = 10 22 45. 1 h = about 325 km Mould Bay iP 10 32 28 c Penticton iP 10 33 42 c Victoria P 10 33 32 c</p> <p>SEPTEMBER 25 Canadian Arctic H = 14 03 37. 5 Mag 1. 8 Mould Bay P₁ 14 03 46. 0 S₁ 14 03 52. 5 D = 53. 3 km</p>

SEISMOLOGICAL BULLETIN - 1962

SEPTEMBER 25 U. S. C. G. S. 11. 7N, 138. 6E Mariana Islands H = 14 49 46. 9 h = about 33 km Mould Bay eP 15 02 05 c Penticton iP 15 02 41	SEPTEMBER 26 Penticton iP 09 40 25 SEPTEMBER 26 H = 11 44 16 Mag 2. 7 Penticton P _n 11 44 48. 3 S _n 11 45 14. 3 D = 213 km Victoria P _n 11 44 57. 1 S _n 11 45 25. 4 D = 284 km	SEPTEMBER 27 U. S. C. G. S. 17. 9S, 64. 9W Central Bolivia H = 07 50 28. 3 h = about 120 km Banff eP 08 02 37 d London eP 08 00 48 Penticton iP 08 02 42 d Schefferville eP 08 01 56 Victoria P 08 02 49
SEPTEMBER 26 U. S. C. G. S. 61. 8N, 151. 6W Central Alaska H = 02 21 52. 1 h = about 61 km Mould Bay P 02 26 00	SEPTEMBER 26 Mould Bay P 12 59 39 Penticton iP 12 57 40	SEPTEMBER 27 U. S. C. G. S. 42. 3N, 142. 3E Hokkaido, Japan H = 09 18 24. 9 h = about 47 km Alert eP 09 27 52 Penticton iP 09 28 55
SEPTEMBER 26 U. S. C. G. S. 46. 5N, 153. 0E Kurile Islands H = 02 53 29. 9 h = about 51 km Mould Bay P 03 01 45	SEPTEMBER 26 U. S. C. G. S. 18. 7N, 145. 4E Mariana Islands region H = 13 24 30. 1 h = about 201 km Alert eP 13 36 09 c Mould Bay P 13 35 41	SEPTEMBER 27 Penticton iP 11 38 07
SEPTEMBER 26 H = 03 06 52 Mag 2. 1 Penticton P _n 03 07 21. 3 S _n 03 07 43. 9 D = 185 km	SEPTEMBER 26 Penticton iP 14 28 47 d	SEPTEMBER 27 U. S. C. G. S. 18. 4S, 68. 7W Peru-Bolivia border H = 12 30 53. 0 h = about 59 km Penticton eP 12 43 03
SEPTEMBER 26 U. S. C. G. S. 44. 9N, 112. 6W Southwestern Montana H = 05 07 15. 2 h = about 33 km Penticton e 05 09 06	SEPTEMBER 26 Mould Bay P 21 33 07 i 21 35 53 Penticton eP 21 33 26	

DOMINION OBSERVATORIES

SEPTEMBER 27	Halifax	SEPTEMBER 29
U. S. C. G. S.	iP 19 03 40 d	U. S. C. G. S.
4.6S, 104.4E	London	28.2N, 57.4E
Southern Sumatra	iP 19 03 16 c	Southern Iran
H = 12 56 18.6	Mould Bay	H = 06 53 56.1
h = about 144 km	eP 19 07 35 c	h = about 50 km
Penticton	pP 19 08 02	Mould Bay
iP' 13 14 58	Penticton	P 07 05 38
	iP 19 05 46 d	Schefferville
	Schefferville	eP 07 06 25
	iP 19 04 52 c	
SEPTEMBER 27	Shawinigan Falls	
U. S. C. G. S.	eP 19 03 45	SEPTEMBER 29
17.6S, 178.9W	Victoria	U. S. C. G. S.
Fiji Islands	P 19 05 57	27.0S, 63.6W
H = 13 25 05.6		Santiago Del Estero
h = about 507 km		Province, Argentina
Banff	SEPTEMBER 28	H = 15 17 47.7
iP 13 37 01 c	H = 22 32 12	h = about 575 km
Penticton	Mag 2.6	Mag 6 1/2 (Pas)
iP 13 36 47 c	Penticton	6 1/4 (Pal)
Victoria	P _n 22 32 58.0	Alert
P 13 36 34 c	S _n 22 33 37.8	eP 15 31 (13)
	D = 326 km	iP' 15 35 13
		Banff
SEPTEMBER 28		eP 15 29 47 (d)
U. S. C. G. S.	SEPTEMBER 29	Halifax
55.0N, 160.7W	Penticton	iP 15 28 12 d
Alaska Peninsula	eP 01 32 17	London
H = 05 34 21.1	Victoria	eP 15 28 12 d
h = about 89 km	P 01 31 50	Mould Bay
Mould Bay		P' 15 35 13
P 05 39 51		Penticton
	SEPTEMBER 29	iP 15 29 52
	Mould Bay	Schefferville
SEPTEMBER 28	P 03 09 37	iP 15 29 06 d
Penticton		Shawinigan Falls
eP 12 10 29		iP 15 28 25 d
	SEPTEMBER 29	Victoria
SEPTEMBER 28	U. S. C. G. S.	P 15 29 58
U. S. C. G. S.	20.0S, 68.0W	
5.2N, 76.2W	Southern Bolivia	SEPTEMBER 30
Western Colombia	H = 05 21 49.6	U. S. C. G. S.
H = 18 56 08.7	h = about 26 km	38.4N, 73.1E
h = about 127 km	Penticton	Tadzhik, S. S. R.
Alert	iP 05 34 14 c	H = 06 04 54.9
eP 19 07 51	Schefferville	h = about 33 km
Banff	eP 05 33 30 c	Mould Bay
eP 19 05 37		P 06 15 35

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SEPTEMBER 30

U. S. C. G. S.

13.5N, 146.2E

Mariana Islands

H = 06 44 00.4

h = about 94 km

Alert

eP 06 56 19 c

Mould Bay

P 06 55 50 c

Penticton

eP 06 56 14

SEPTEMBER 30

U. S. C. G. S.

5.2S, 152.7E

New Britain region

H = 10 48 10.3

h = about 33 km

Mould Bay

eP 11 01 28 c

Penticton

eP 11 01 20

SEPTEMBER 30

U. S. C. G. S.

18.6N, 120.9E

Near north coast

of Luzon,

Philippine Islands

H = 21 57 24.8

h = about 51 km

Alert

iP 22 09 26

Mould Bay

eP 22 09 22 c

Penticton

iP 22 10 39 c

Victoria

P 22 10 32

DOMINION OBSERVATORIES
EARTHQUAKES IN THE CANADIAN ARCTIC

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

JULY 2 09 32 53 M = 1.5 28 miles from Resolute, N. W. T.

JULY 15 03 30 15 68.4°N \pm 1.5°, 72.9°W \pm 2.5° M = 4.4 In Baffin Bay 150 miles east of Bylot Island, N. W. T.

JULY 18 11 21 44 62.5°N \pm 1.0°, 65.0°W \pm 2.0° M = 4.9 In Frobisher Bay near Loks Land, N. W. T.

AUGUST 6 06 32 39 M = 2.4 106 miles from Alert, N. W. T.

AUGUST 7 10 57 48 Depth about 8 km. M = 3.6 230 miles from Alert, N. W. T.

AUGUST 12 14 33 26 M = 2.5 112 miles from Resolute, N. W. T.

AUGUST 14 03 33 59 M = 2.6 61 miles from Resolute, N. W. T.

AUGUST 20 14 34 18 76.2°N, 93.9°W (provisional) Off the south coast of Grinnell Peninsula, Devon Island, N. W. T.

AUGUST 26 06 50 52 M = 2.9 158 miles from Alert, N. W. T.

AUGUST 26 07 17 42 M = 2.9 163 miles from Alert, N. W. T.

SEPTEMBER 20 02 29 37 M = 2.0 51 miles from Resolute, N. W. T.

SEPTEMBER 25 14 03 38 M = 1.8 33 miles from Mould Bay, N. W. T.

SEISMOLOGICAL BULLETIN - 1962

EARTHQUAKES IN EASTERN CANADA
AND ADJACENT AREAS

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

JULY 27 17 56 57 47°15'N \pm 25', 70°40'W \pm 25'. M = 4.3 About 15 miles SW of Baie-St-Paul, Que.

AUGUST 3 01 31 02 52.0°N \pm 2.0°, 54.2°W \pm 3.0° M = 4.8 In the Labrador Sea about 75 miles east of the SE corner of Labrador, Nfld. It is possible that this shock is farther north because the Halifax trace was very small and may not be associated with this shock.

AUGUST 11 03 05 16 47°32'N \pm 20', 70°03'W \pm 20' M = 4.1 In the St. Lawrence River about 10 miles west of Kamouraska, Que.

AUGUST 19 14:00 to 14:30 Not recorded but felt with intensity II (M = 2.3), at Desjoachim Colony (46°10'N, 77°46'W) about 40 miles NE of Pembroke, Ont. Report given by Ontario Hydro personnel.

DOMINION OBSERVATORIES
EARTHQUAKES IN WESTERN CANADA
AND ADJACENT AREAS

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

One earthquake was felt at Lac La Hache, Soda Creek, Alkali Lake, Williams Lake and Marguerite in the Cariboo District of central British Columbia.

JULY 5 at 03 16 02 U.T. Magnitude 1.9. Epicentre at 47.3°N, 123.0°W, in eastern Olympic Mtns., U.S.A. Q = c.

JULY 6 at 23 04 22 U.T. Magnitude 2.1 260 km from Penticton.

JULY 11 at 23 06 02 U.T. Magnitude 1.8 183 km from Penticton.

JULY 12 at 22 43 06 U.T. Magnitude 2.6 358 km from Penticton, and 322 km from Victoria.

JULY 13 at 20 09 47 U.T. Magnitude 4.2 Epicentre at 52.2°N, 129.9°W, southeast of Queen Charlotte Islands. Q = c.

JULY 16 at 16 52 15 U.T. Magnitude 329 km from Penticton, and 208 km from Banff.

JULY 17 at 08 44 50 U.T. Magnitude 1.8 68 km from Victoria.

JULY 19 at 19 50 41 U.T. Magnitude 2.0 194 km from Penticton.

JULY 20 at 17 06 07 U.T. Magnitude 2.6 285 km from Penticton.

JULY 20 at 20 40 31 U.T. Magnitude 2.5 238 km from Penticton.

JULY 26 at 16 44 34 U.T. Magnitude 3.5 Epicentre at 49.4°N, 127.0°W, west of Vancouver Island. Q = c.

JULY 29 at 05 32 10 U.T. Magnitude 2.7 Epicentre at 49.9°N, 124.1°W, near Jervis Inlet. Q = b.

JULY 29 at 06 55 12 U.T. Magnitude 2.4 Epicentre at 50.8°N, 124.5°W, near Bute Inlet. Q = c.

AUGUST 1 at 20 59 35 U.T. Magnitude 1.7 Epicentre at 48.6°N, 122.0°W, near Mount Baker, U.S.A. Q = c.

SEISMOLOGICAL BULLETIN - 1962

- AUGUST 2 at 21 26 08 U.T. Magnitude 1.7 175 km from Penticton.
- AUGUST 2 at 22 22 30 U.T. Magnitude 2.1 230 km from Penticton,
114 km from Victoria.
- AUGUST 3 at 22 00 27 U.T. Magnitude 2.5 250 km from Penticton.
- AUGUST 3 at 22 06 15 U.T. Magnitude 1.8 Epicentre at 47.8°N,
120.9°W, in Washington, U.S.A. $Q = c$.
- AUGUST 8 at 23 04 38 U.T. Magnitude 1.3 75 km from Penticton.
- AUGUST 10 at 10 59 41 U.T. Magnitude 2.5 183 km from Banff,
283 km from Penticton.
- AUGUST 10 at 21 49 39 U.T. Magnitude 1.9 34 km from Victoria.
- AUGUST 11 at 01 10 15 U.T. Magnitude 2.6 Epicentre at 48.8°N,
125.2°W, in Barkley Sound. $Q = c$.
- AUGUST 11 at 19 11 31 U.T. Magnitude 1.5 50 km from Alberni.
- AUGUST 13 at 23 32 28 U.T. Magnitude 2.7 356 km from Penticton.
- AUGUST 15 at 04 10 20 U.T. Magnitude 1.5 177 km from Penticton.
- AUGUST 18 at 19 59 40 U.T. Magnitude 2.2 266 km from Penticton.
- AUGUST 23 at 14 12 56 U.T. Magnitude 2.4 332 km from Penticton.
- AUGUST 28 at 19 19 59 U.T. Magnitude 4.3 Epicentre at 51.7°N,
121.9°W, near Lac La Hache. $Q = b$. Felt at Williams Lake, Lac La
Hache, Alkali Creek, Soda Creek.
- AUGUST 29 at 02 44 54 U.T. Magnitude 2.1 269 km from Penticton.
- AUGUST 29 at 17 02 53 U.T. Magnitude 1.2 65 km from Penticton.
- SEPTEMBER 12 at 23 11 59 U.T. Magnitude 2.5 416 km from
Penticton, 200 km from Victoria.
- SEPTEMBER 14 at 23 47 45 U.T. Magnitude 1.6 170 km from
Penticton.
- SEPTEMBER 19 at 20 33 42 U.T. Magnitude 2.2 22 km west of
Victoria.
- SEPTEMBER 26 at 03 06 52 U.T. Magnitude 2.1 185 km from
Penticton.

DOMINION OBSERVATORIES

SEPTEMBER 26 at 11 44 22 U.T. Magnitude 2.7 284 km from
Victoria, and 213 km from Penticton.

SEPTEMBER 29 at 22 32 12 U.T. Magnitude 2.6 326 km from
Penticton.

