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Seismological Bulletin

Seismological Service of Canada

July–September

1958

ENERGY, MINES & RESOURCES LIBRARY

Dominion Observatory, Department of Mines and Technical Surveys, Ottawa

SEISMOLOGICAL BULLETIN

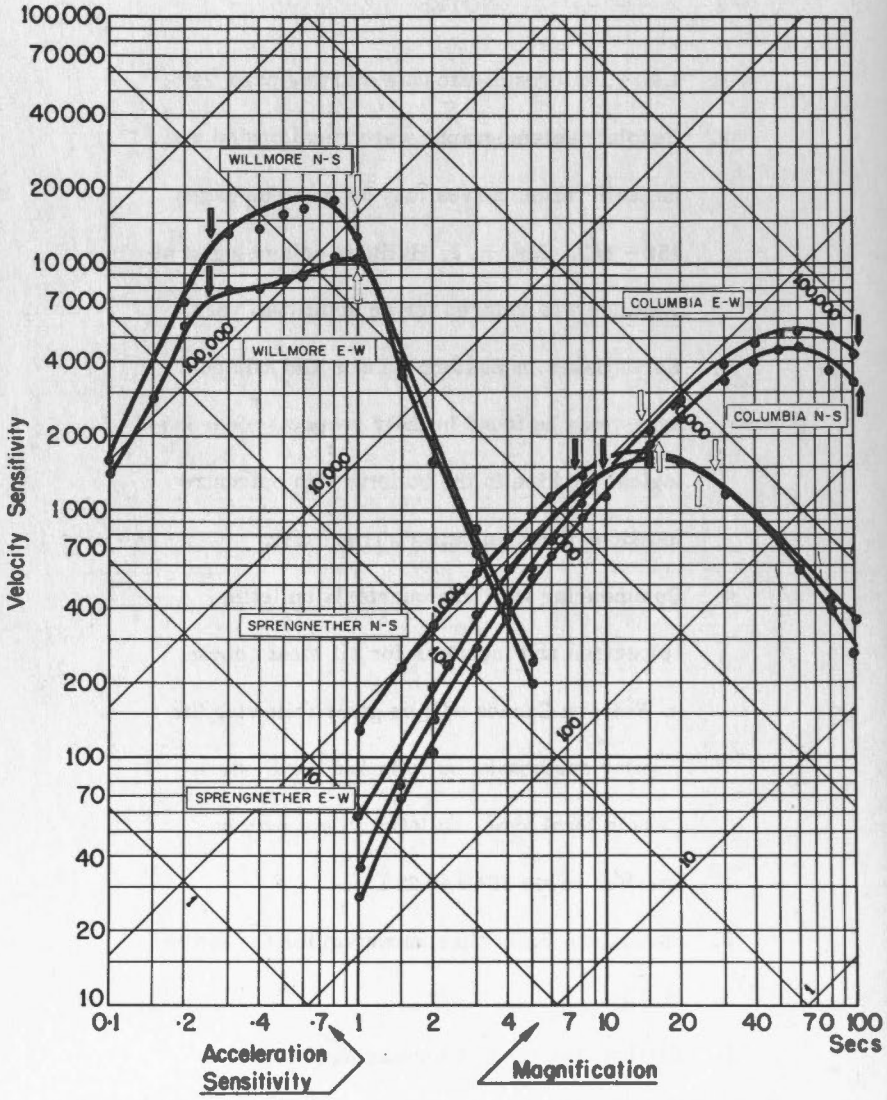
JULY - SEPT - 1958

NOTES

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

CALIBRATION CURVES

STATION: RESOLUTE HORIZONTALS



ϕ = 74°41.2'N λ = 94°54.0'W Altitude 15 m

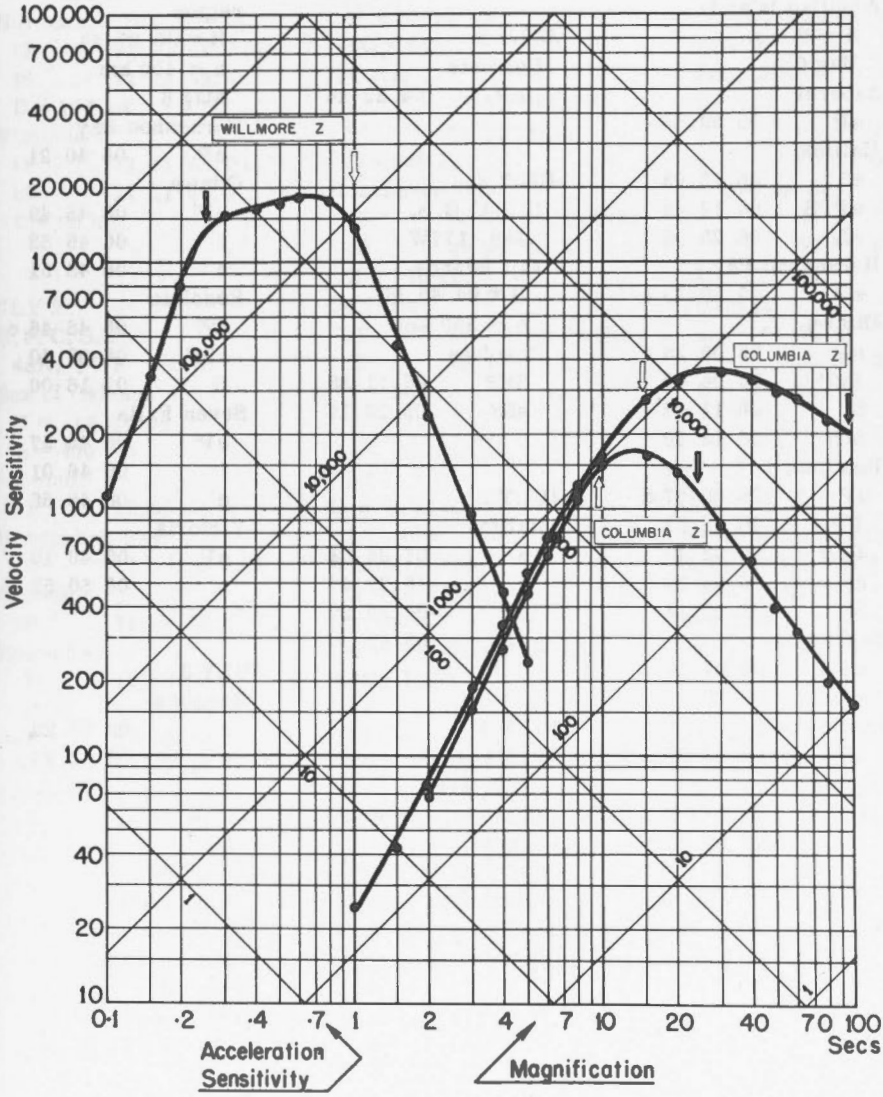
Foundation : Early Palaeozoic limestone

T_s ↑ T_g ↑

Date of Calibration: September 1958

CALIBRATION CURVES

STATION: RESOLUTE VERTICALS



ϕ = 74°41.2'N λ = 94°54.0'W Altitude 15 m

Foundation : Early Palaeozoic limestone

T_s ⇕ T_g ↑

Date of Calibration: September 1958

DOMINION OBSERVATORIES

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

JULY 2
U.S.C.G.S.
52 1/2N, 158E
Near east coast of
Kamchatka
H = 00 44 38
h = 60 km
Ottawa
eP 00 55 56
Resolute
iP 00 52 44 c
PP 00 54 28
eS 00 59 10
eL 01 04 .7

JULY 2
Resolute
eP 02 41 21

JULY 2
Resolute
eP 04 32 46

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

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

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

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

JULY 3
Resolute
e 09 50 20
e 09 51 30

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

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

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

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

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

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

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

JULY 4
Canadian Arctic
H = 04 19 28.6
Mag 2.9
Resolute
iP_n 04 20 23.1
iP_1 04 20 32.8
eS_n 04 21 02.6
i 04 21 18.2
D = 400 km

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

JULY 4
U.S.C.G.S.
About 250 miles north
of Balleny Islands
H = 13 05 37
Resolute
eP_1' 13 25 27

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

JULY 4
Resolute
iP 14 57 40 (c)

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

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

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

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

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

JULY 6
U.S.C.G.S.
66N, 155W
Central Alaska
H = 16 03 14
Halifax
eSS 16 23 24
eL 16 29.1
Horseshoe Bay
eP 16 08 29
eL 16 15.8
Ottawa
eP 16 11 35 c
i 16 11 54
PP 16 13 27
PPP 16 14 07
Resolute
iP 16 08 02
eS 16 12 00
Saskatoon
e 16 18 03
Seven Falls
eP 16 11 44
ScS 16 21 52
Victoria
eP 16 08 32.0
eL 16 15.9

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

JULY 7
U.S.C.G.S.
50 1/2N, 180
Andreanof Islands,
Aleutian Islands
H = 05 16 04
Halifax
eP 05 27 21 (c)
Ottawa
eP 05 26 40
e 05 26 53
Resolute
eP 05 23 51
(PcP) 05 25 38
PPP 05 25 49
eS 05 30 06
eL 05 33 --
Seven Falls
eP 05 26 48
Shawinigan Falls
eP 05 26 45

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

JULY 7
Resolute
iP 14 36 37.5 c

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

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

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

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

JULY 9
Resolute
iP 08 05 00

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

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

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

JULY 9
45° 45'N, 71°48'W
Near Asbestos, Quebec
H = 20 22 16.0
Mag 2.8
Jean-de-Brebeuf
iP_1 20 22 39.7
iS_1 20 22 57.2
D = 145 km
Ottawa
iP_1 20 23 05.0
iS_1 20 23 42.0
D = 304 km
Seven Falls
iP_1 20 22 44.8
iS_1 20 23 05.3
D = 170 km
Shawinigan Falls
iP_1 20 22 37.6
iS_1 20 22 52.6
D = 116 km

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

DOMINION OBSERVATORIES

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

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

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

JULY 10
Alaska aftershock
Banff
eP 08 42 47
Horseshoe Bay
eP 08 42 24
eL 08 45 48
Resolute
eP 08 40 53

JULY 10
Alaska aftershock
Resolute
eP 08 44 22

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

JULY 10
Alaska aftershock
Resolute
eP 09 29 31

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

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

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

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

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

JULY 10
Alaska aftershock
Victoria
eP 10 24 36.3

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

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

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

JULY 10
Alaska aftershock
Resolute
eP 12 53 21

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

JULY 10
Alaska aftershock
Resolute
eP 14 42 13

JULY 10
48°13'N, 122°33'W
Southeast of Whidbey
Island, Washington
H = 14 51 34
Mag 2.4
Alberni
iP 14 52 04.9
iS 14 52 28.5
D = 197 km
Horseshoe Bay
iP 14 51 55.4
iS 14 52 11.5
D = 133 km
Victoria
iP 14 51 45.7
eS 14 51 54.6
D = 72 km

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

JULY 10
Resolute
eP 17 52 29

JULY 10
Resolute
eP 18 39 27

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

DOMINION OBSERVATORIES

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

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

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

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

JULY 11
Resolute
iP 02 37 09

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

JULY 11
Resolute
iP 05 29 40
i 05 33 41

JULY 11
Shawinigan Falls
eP 07 14 43

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

JULY 11
Resolute
eP 11 06 00
e 11 12 30

JULY 11
Resolute
iP 12 31 07

JULY 11
Ottawa
eP 18 51 31

JULY 11
Resolute
iP 19 08 01 c

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

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

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

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

JULY 12
Resolute
e 00 18 20

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

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

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

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

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

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

JULY 12
Resolute
eP 20 01 05
e 20 07 42

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

JULY 13
U.S.C.G.S.
58.3N, 136.9W
Alaska aftershock
H = 08 10 02
Mag 5 1/2 - 5 3/4
Alberni
eP 08 12 46
Halifax
eSS 08 28 34
eL 08 31.4
Horseshoe Bay
eP 08 12 49
eS 08 15 15
eL 08 16.1
Ottawa
eP 08 17 27 c
Resolute
iP 08 15 08 d
iS 08 19 22
L 08 22 --
Seven Falls
eP 08 17 39
S 08 23 51
Shawinigan Falls
eP 08 17 34
Victoria
eP 08 13 02 c
eL 08 16 21

JULY 13
Resolute
iP 11 28 49
i 11 35 12
e 11 37 26

JULY 13
U.S.C.G.S.
10S, 161 1/2E
Solomon Islands
H = 12 03 50
h = 100 km
Ottawa
eP' 12 22 32 c
Seven Falls
eP' 12 22 37
Shawinigan Falls
eP' 12 22 36

JULY 13
U.S.C.G.S.
24 1/2N, 94E
India-Burma border
H = 15 28 00
Resolute
eL 16 11 --

JULY 13
46°10'N, 76°23'W
About 10 miles north of Lake Dumont, Quebec
H = 21 32 48.5
Mag 2.4
Jean-de-Brebeuf
iS_1 21 33 52.3
D = 226 km
Ottawa
iP_1 21 33 04.0
i 21 33 08.8
i 21 33 13.0
iS_1 21 33 16.2
D = 100 km
Shawinigan Falls
iP_1 21 33 34.0
iS_1 21 34 08.2
D = 280 km

JULY 13
U.S.C.G.S.
55N, 168E
Komandorskie Islands
H = 23 04 28
Halifax
eL 23 40.9
Horseshoe Bay
eP 23 12 14
Ottawa
eP 23 15 20
Resolute
e 23 18 06
e 23 20 48
Shawinigan Falls
eP 23 15 22
Victoria
eP 23 12 15
eL 23 24.7

JULY 14
U.S.C.G.S.
61N, 143 W
Southeastern Alaska
H = 02 54 18
Halifax
eL 03 18.3
Horseshoe Bay
eP 02 58 11
eS 03 02.8
eL 03 04.0
Ottawa
eP 03 02 03
Resolute
iP 02 59 08
eS 03 03 03
e 03 05 --
e 03 07 --
Seven Falls
eP 03 02 08
Shawinigan Falls
eP 03 02 07
Victoria
eP 02 58 18
eS 03 03 07

JULY 14
U.S.C.G.S.
34N, 120W
Near coast of California
H = 05 25 51
Mag 4 3/4 - 5
Horseshoe Bay
eP 05 29 32
Resolute
iP 05 33 48 d
eS 05 40 17
eL 05 48 --
Victoria
eP 05 29 19

JULY 14
Resolute
iP 13 20 19 d
e 13 26 30
e 13 28 50

JULY 14
Resolute
e 20 39 --

JULY 14
Seven Falls
eP 22 20 42 d

JULY 15
Ottawa
eP 01 27 52
Resolute
e 01 48 --
e 01 55 30
Seven Falls
eP 01 28 13
Shawinigan Falls
eP 01 28 06

JULY 15
Canadian Arctic
H = 02 38 03.9
Resolute
eP_n 02 39 47.2
iP_1 02 39 52.0
iS_n 02 40 18.5
i 02 40 25.2
D = 300 km

JULY 15
U.S.C.G.S.
60N, 140 1/2W
Southeastern Alaska
H = 05 59 34
Banff
eP 06 03 22
Horseshoe Bay
eP 06 03 01
eS 06 07 07
eL 06 08.2
Ottawa
eP 06 07 02
Resolute
iP 06 04 27 c
eS 06 08 20
eL 06 10.3
Seven Falls
eP 06 07 19
Shawinigan Falls
eP 06 07 18
Victoria
iP 06 03 26 c,S,

JULY 15
U.S.C.G.S.
35 1/2N, 23 1/2E
Near west coast of Crete
H = 07 59 18
Banff
eP 08 12 01 d
Halifax
iP 08 09 56 c
Ottawa
eP 08 10 41 d
Resolute
eP 08 09 47
eL 08 27 --
Seven Falls
eP 08 10 17 d
Shawinigan Falls
eP 08 10 26

JULY 16
Banff
eP 00 36 00
Resolute
e 00 44 48

JULY 16
U.S.C.G.S.
51 1/2N, 176 1/2W
Andreanof Islands, Aleutian Islands
H = 01 47 20
Ottawa
eP 01 57 42
Seven Falls
eP 01 57 50
Shawinigan Falls
eP 01 57 46

JULY 16
U.S.C.G.S.
51 1/2N, 176 1/2W
Andreanof Islands, Aleutian Islands
H = 03 52 39
Banff
eP 03 59 54
Halifax
e 04 09 34
eL 04 25.4
Horseshoe Bay
eP 03 59 22
Ottawa
eP 04 03 02
Resolute
(PP) 04 01 51
(PPP) 04 02 20
(PcP) 04 02 32
eS 04 06 20
L 04 08.5
Seven Falls
eP 04 03 10
Shawinigan Falls
eP 04 03 05
Victoria
iP 03 59 26 c,S,E

JULY 16
Resolute
iP 06 21 45

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

JULY 16
Resolute
iP 14 32 07 c

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

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

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

JULY 17
Resolute
eP 06 11 04

JULY 17
Resolute
eP 06 42 40

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

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

JULY 17
Resolute
iP 14 34 09 c

JULY 17
U.S.C.G.S.
51N, 176W
Andreanof Islands,
Aleutian Islands
H = 19 02 10
Mag 5 3/4
Alberni
eP 19 08 50
Banff
eP 19 09 29
Halifax
eS 19 22 12
eL 19 35.1
Horseshoe Bay
eP 19 08 56
eS 19 14 21
Ottawa
eP 19 12 35
Resolute
iP 19 09 45 (c)
PP 19 11 20
PcP 19 11 52
eS 19 15 46
L 19 18 --
Seven Falls
eP 19 12 43
Shawinigan Falls
eP 19 12 39
Victoria
eP 19 09 11 c, E
eS 19 14 24

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

JULY 17
Resolute
iP 19 39 15 c

JULY 17
Shawinigan Falls
eP 20 38 48

JULY 17
U.S.C.G.S.
51N, 177 1/2W
Andreanof Islands,
Aleutian Islands
H = 20 59 17
Mag 6
Alberni
eP 21 05 58
Halifax
iP 21 10 26 d
i 21 10 42 d
eL 21 30.6
Horseshoe Bay
eP 21 06 04 c
ePcP 21 08 44
e 21 11 27
Ottawa
eP 21 09 45
S 21 18 08
Resolute
iP 21 06 54 d
PP 21 08 30
(PPP) 21 09 02
eS 21 12 58
L 21 15.5
Seven Falls
eP 21 09 50
Shawinigan Falls
eP 21 09 48
Victoria
eP 21 06 08

JULY 17
Resolute
eP 22 58 46

JULY 18
U.S.C.G.S.
51N, 176 1/2W
Andreanof Islands,
Aleutian Islands,
H = 00 39 18
Mag 5 3/4
Halifax
e(P) 00 50 04
eSS 00 59 18
e 00 04.9
eL 00 09.9
Horseshoe Bay
eP 00 46 01 c
eS 00 50 24
eL 00 54.4
Ottawa
eP 00 49 40
Resolute
eP 00 46 47
iP 00 46 49
PP 00 48 27
(PPP) 00 48 58
eS 00 52 40
L 00 55.3
Saskatoon
e 00 47 40
Seven Falls
eP 00 49 47
PcP 00 50 27
S 00 58 20
ScS 00 59 42
Shawinigan Falls
eP 00 49 46
Victoria
eP 00 46 03
eS 00 52 10

JULY 18
Ottawa
eP 01 19 28

JULY 18
U.S.C.G.S.
4S, 78W
Ecuador, Peru border
H = 01 47 21
h = 100 km
Ottawa
eP 01 56 04 d
PcP 01 57 28
Resolute
iP 01 59 20 d
Seven Falls
eP 01 56.22 d
Shawinigan Falls
eP 01 56 15 d
iPcP 01 57 33

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

DOMINION OBSERVATORIES

JULY 18
U.S.C.G.S.
25 1/2N, 124E
Ryukyu Islands region
H = 21 38 05
Resolute

iP	21 50 01	c
i	21 50 11	
eS	21 59 30	
SS	22 05 --	
L	22 10 --	

JULY 18
Resolute

iP	22 26 57	

JULY 18
46°42'N, 71°24'W
In the St. Lawrence River about 15 miles above Quebec City, Quebec
H = 23 56 27.1
Mag 3.2
Ottawa

iP_n	23 57 21.2	
i	23 57 24	
iP_1	23 57 27.8	
iS_1	23 58 11.8	

D = 363 km
Seven Falls

iP_1	23 56 38.8	
eS_1	23 56 46.8	

D = 65 km
Shawinigan Falls

iP_1	23 56 44.0	
iS_1	23 56 57	

D = 106 km

JULY 19
Resolute

eP	01 48 08	
e	02 06 46	

JULY 19
U.S.C.G.S.
4S, 138 1/2E
New Guinea
H = 06 30 19
h = 150 km
Horseshoe Bay

eP	06 43 45	(d)

Ottawa

eP'	06 49 15	
i	06 49 58	
e	06 50 18	

Resolute

iP	06 44 07	c
pP	06 44 48	
PP	06 48 20	
SKS	06 54 20	
S	06 55 40	
sSS	07 03 40	

Seven Falls

eP'	06 49 16	
e	06 49 58	
e	06 53 40	

Shawinigan Falls

eP'	06 49 15	
i	06 49 57	
e	06 50 17	

JULY 19
U.S.C.G.S.
41N, 143 1/2E
Near south coast of Hokkaido, Japan
H = 14 57 24
Ottawa

eP	15 10 10	

Resolute

iP	15 07 20	d
eS	15 15 20	

Shawinigan Falls

eP	15 10 11	

JULY 19
U.S.C.G.S.
51 1/2N, 176W
Andreanof Islands, Aleutian Islands
H = 17 23 20
Alberni

eP	17 29 54	

Banff

eP	17 30 37	

Halifax

iP	17 34 23	d

Horseshoe Bay

eP	17 30 02	

Ottawa

eP	17 33 42	

Resolute

eP	17 30 50	
PcP	17 32 59	
eS	17 37 00	
(SS)	17 39 40	
eL	17 41 --	

Seven Falls

eP	17 33 52	

Shawinigan Falls

eP	17 33 44	

Victoria

eP	17 30 01	

JULY 19
U.S.C.G.S.
0, 129 1/2E
Spice Islands
H = 18 16 52
Halifax

e(PKS)	18 40 27	
ePPS	18 51.2	
eSS	18 56.0	

Horseshoe Bay

eP	18 30 39	
ePP	18 35 05	
ePPS	18 44.5	

Ottawa

eP'	18 36 02	

Resolute

eP	18 30 43	
iP	18 30 44	
PP	18 35 00	

e 18 41 30
PS 18 44 00
SS 18 50 00
Seven Falls
eP' 18 36 06
Shawinigan Falls
eP' 18 36 05
Victoria
e 18 34 59.8
L 19 03 12

JULY 19
U.S.C.G.S.
1/2S, 129E
Spice Islands aftershock
H = 22 14 01
Resolute
iP 22 27 58 (c)
SS 22 46 30
Shawinigan Falls
eP' 22 33 17

JULY 20
Resolute
eP 03 53 13
e 04 03 16

JULY 20
Resolute
eP 06 34 28

JULY 20
U.S.C.G.S.
31 1/2S, 71W
Central Chile
H = 11 43 47
Ottawa
eP 11 55 39
Resolute
SS 12 12 24
Seven Falls
eP 11 55 50
Shawinigan Falls
eP 11 55 46

JULY 21
48.8°N, 122.3W
Northeast of Bellingham, Washington
H = 05 51 35
Alberni
iP 05 52 05.1
D = 91 km
Horseshoe Bay
iP 05 51 50.8(c)
iS 05 52 02.7
D = 98 km
Victoria
eP 05 51 51.0 c
eS 05 52 03.0
D = 99 km

JULY 21
U.S.C.G.S.
44 1/2N, 147 1/2E
Kurile Islands
H = 07 24 58
Mag 6 - 6 1/4
Alberni
eP 07 34 45
Banff
eP 07 35 16 c
Halifax
eS 07 48 22
eL 08 01.2
Horseshoe Bay
eP 07 34 50 d
eS 07 42 46
eL 07 51.7
Ottawa
eP 07 37 22
i 07 37 39
Resolute
iP 07 34 26 c
S 07 42 04
ScS 07 44 12
e 07 44 35
SS 07 46 03
eL 07 46.7
Seven Falls
eP 07 37 25 d
S 07 47 37
Shawinigan Falls
eP 07 37 23
i 07 37 36
Victoria
eP 07 34 53

JULY 21
U.S.C.G.S.
12N, 89W
Near coast of El Salvador
H = 09 39 06
Horseshoe Bay
eP 09 47 43
Ottawa
eP 09 46 00
Resolute
iP 09 49 32 d
eL 10 09 --
Seven Falls
eP 09 46 26
Shawinigan Falls
iP 09 46 15

JULY 21
Resolute
iP 11 59 09 (c)
e 12 01 29
e 12 03 13
e 12 04 20
Shawinigan Falls
e 12 10 44
L 12 13 01

JULY 21
U.S.C.G.S.
51 1/2N, 178W
Andreanof Islands, Aleutian Islands
H = 14 37 18
Mag 6 1/4
Alberni
iP 14 44 03 c

DOMINION OBSERVATORIES

Banff
eP 14 43 44 c
Halifax
iP 14 48 25
eS 14 57 23
eL 15 05.6
Horseshoe Bay
iP 14 44 10 c, S, E
iPcP 14 46 43
iS 14 49 38
eL 14 54.2
Ottawa
eP 14 47 44 c
S 14 56 10
SSS 15 03 13
Resolute
iP 14 44 50
PP 14 46 28
PcP 14 46 55
iS 14 50 53
SS 14 53 50
Seven Falls
eP 14 47 50 c
S 14 56 15
SSS 15 03 22
Shawinigan Falls
eP 14 47 46 c
PcP 14 48 23
Victoria
iP 14 44 12.5 c, S, E
iS 14 49 43
L 14 52.2

JULY 22
43°00'N, 79°30'W
About 15 miles west of
Welland, Ontario
H = 01 46 40.2
Mag 4.3
Jean-de-Brebeuf
e 01 48 03.6
iP_1 01 48 07.5
iS_n 01 48 49.1
S_1 01 49 13.5
D = 546 km

Ottawa
eP_n 01 47 36.9
i 01 47 38.0
iP_1 01 47 45
iS_n 01 48 17.0
S_1 01 48 29
D = 403 km
Seven Falls
S_1 01 50 24.5
D = 822 km
Shawinigan Falls
iS_n 01 49 14.6
e 01 49 41.4
eL 01 50 02.4
D = 663 km

JULY 22
U.S.C.G.S.
58 1/2N, 138W
Southeastern Alaska
H = 03 55 35
Horseshoe Bay
eP 03 58 37
eS 04 01 01
Resolute
iP 04 00 35.5(¢)
PP 04 01 13
eS 04 04 41
eL 04 06.7
Victoria
eS 04 02 15

JULY 22
U.S.C.G.S.
51N, 176W
Andreanof Islands,
Aleutian Islands
H = 05 08 40
Ottawa
iP 05 19 02 d
Resolute
iPcP 05 18 19 d
eS 05 22 20
eL 05 25 --

Shawinigan Falls
eP 05 19 04 d
Victoria
eP 05 15 25.5
JULY 22
Resolute
eP 10 42 58.5
e 10 49 36

JULY 22
Resolute
eP 17 11 49
e 17 18 23

JULY 22
U.S.C.G.S.
Marshall Islands
region
H = 20 30 00
Resolute
eS 20 52 40
eL 21 02 --

JULY 22
Resolute
eP 22 28 28

JULY 22
U.S.C.G.S.
53N, 160W
Gulf of Alaska
H = 22 45 51
h = 100 km
Horseshoe Bay
eP 22 50 53
Ottawa
eP 22 54 57 d
Resolute
eP 22 52 24 d
iP 22 52 25 c
eS 22 57 47
G 23 00
Seven Falls
eP 22 55 08

Shawinigan Falls
iP 22 55 02 c
Victoria
iP 22 50 56 d, N, W

JULY 23
U.S.C.G.S.
31N, 142E
South of Honshu, Japan
H = 10 27 19
Alberni
eP 10 38 29
Banff
eP 10 39 00
Halifax
e 10 51 18
eSKKS 10 52 34
ePPS 10 55 40
eSS 10 59 56
eL 11 17.5
Horseshoe Bay
eP 10 38 32
eS 10 47 49
Ottawa
e(P) 10 40 42
e 10 40 53
Resolute
eP 10 38 22 c
iP 10 38 23 d
eS 10 47 22
ScS 10 48 20
L 10 55.1
Shawinigan Falls
eP 10 40 53
Victoria
eP 10 38 37.5

JULY 23
Resolute
eP 12 34 45

JULY 23
U.S.C.G.S.
10N, 89 1/2W
Off coast of Nicaragua
H = 18 03 56
Resolute
iP 18 14 38 (c)
eL 19 02

JULY 23
Resolute
i 22 45 14 d
i 22 45 16
Local shock

JULY 24
U.S.C.G.S.
52 1/2N, 170W
Fox Islands,
Aleutian Islands
H = 13 08 05
Banff
eP 13 14 40 d
Halifax
iP 13 18 42 d
eS 13 27 18
eL 13 38.1
Horseshoe Bay
eP 13 14 03
eL 13 21.4
Ottawa
eP 13 17 58 c
Resolute
eP 13 15 11
PP 13 16 36
eS 13 20 40
eL 13 23 --
Seven Falls
eP 13 18 06
Shawinigan Falls
eP 13 18 00
Victoria
eP 13 14 10 d, W

JULY 24
44°49'N, 72°29'W
About 10 miles
southeast of Richford
Vermont
H = 19 22 39.9
Mag 2.8
Jean-de-Brebeuf
iP_1 19 22 59.5
iS_1 19 23 13.7
D = 118km
Ottawa
iP_1 19 23 22.0
iS_1 19 23 53.8
D = 262 km
Shawinigan Falls
iP_1 19 22 11.0
iS_1 19 23 34.9
D = 194 km

JULY 25
Horseshoe Bay
eP 01 43 33
eS 01 50 03
Victoria
eP 01 43 43
eS 01 50 29

JULY 25
Resolute
e 01 42 10
e 01 48 20
e 01 48 42
e 01 54 42
e 01 55 15
Local shock

JULY 25
46°34'N, 75°48'W
In the Gatineau River
Valley about 15 miles
north of Maniwaki
Quebec
H = 03 45 10.7
Mag 3.8
Jean-de-Brebeuf
P_1 03 45 45.6
i 03 45 47.1
S_1 03 46 12
D = 217 km

DOMINION OBSERVATORIES

Ottawa
P_1 03 45 32.0
S_1 03 45 48.2
D =132 km
Seven Falls
P_n 03 46 07.6
P_1 03 46 16.7
i 03 46 35.2
S_n 03 46 46.2
i 03 46 49
S_1 03 47 04
D = 396 km
Shawinigan Falls
P_1 03 45 47.7
i 03 45 49.6
i 03 46 15.5
S_1 03 46 17.7
D = 246 km

JULY 25
Resolute
eP 18 03 40

JULY 26
In the Canadian Arctic
H = 03 08 30.7
Mag 2.0
Resolute
iP_1 03 08 42.7
iS_1 03 08 53.3
D = 87 km

JULY 26
U.S.C.G.S.
40S, 45 1/2E
South Indian Ocean
H = 06 13 50
Halifax
eSS 06 52 21
eSSS 06 57 15
eL 07 14.0
Ottawa
eP' 06 33 19
Resolute
P' 06 33 21
PP 06 36 30
SS 06 55 00

JULY 26
U.S.C.G.S.
60 1/2S, 168 1/2W
South Pacific Ocean
H = 08 35 10
Resolute
P' 08 55 12
SSS 09 23 00
L 09 33.5

JULY 26
U.S.C.G.S.
13 1/2S, 69W
Peru, Bolivia border
H = 17 37 09
h = 650 km
Mag 7 - 7 1/4
Alberni
iP 17 48 16 d
i 17 50 30
iS 17 57 19
Halifax
iP 17 46 09 d
i 17 46 15
ipP 17 48 11
iS 17 53 23
iScS 17 54 53
Horseshoe Bay
iP 17 48 11 c
eS 17 57 20
Ottawa
iP 17 46 13 d
PP 17 48 15
PPP 17 49 18
S 17 53 20
i 17 53 30
ScS 17 55 06
e 17 56 16
SS 17 56 48
L 18 00 52
iP'P' 18 13 44
i 18 15 16
Resolute
iP 17 49 04.5 d
Saskatoon
iP 17 49 39
i 17 48 02
iS 17 56 16

Seven Falls
eP 17 46 23 d
i 17 47 54
i 17 49 15
S 17 53 45
ScS 17 55 15
SS 17 57 21
L 18 01 13
iP'P' 18 13 54 d
i 18 15 28
SKPP' 18 17 51
Shawinigan Falls
iP 17 46 17 d
S 17 53 28
e 17 53 38
ScS 17 55 07
SS 17 56 54
L 18 00 57
P'P' 18 13 48
Victoria
iP 17 48 09 d, S, E
iS 17 57 18

JULY 26
Halifax
iP 18 13 38 d
i 18 15 27 c

JULY 26
Ottawa
eP 18 23 14
Seven Falls
eP 18 23 21
Shawinigan Falls
eP 18 23 48

JULY 26
Resolute
eP 18 49 22

JULY 26
U.S.C.G.S.
12N, 161 1/2E
Marshall Islands
H = 20 29 59
Resolute
iP 20 42 22 c

JULY 27
U.S.C.G.S.
20 1/2S, 178 1/2W
Fiji Islands region
H = 00 22 32
h = 600 km
Resolute
iP 00 39 56 c
Shawinigan Falls
iP' 00 40 09 c

JULY 27
U.S.C.G.S.
58 1/2N, 137W
Southeastern Alaska
H = 00 56 00
Resolute
eP 01 01 01

JULY 27
U.S.C.G.S.
51N, 179W
Andreanof Islands,
Aleutian Islands
H = 02 14 22
Resolute
eP 02 22 00
(PcP) 02 24 04

JULY 27
U.S.C.G.S.
45 1/2N, 148E
Kurile Islands
H = 03 21 56
Banff
eP 03 31 59
Ottawa
eP 03 34 14 d
Resolute
eP 03 31 11
P 03 31 18
PcP 03 32 22
e 03 32 29
(ScS) 03 41 --
Seven Falls
eP 03 34 21
Victoria
eP 03 31 42

JULY 27
47°19'N, 70°18'W
In the St. Lawrence
River south of Ile aux
Coudres, Quebec
H = 08 58 00.2
Mag 3.0
Ottawa
eS_1 09 00 07.3
D = 463 km
Seven Falls
iP_1 08 58 07.4
iS_1 08 58 12.8
D = 44 km
Shawinigan Falls
iP_1 08 58 29.7
iS_1 08 58 54.4
D = 202 km

JULY 27
Resolute
iP 09 14 07 c

JULY 27
Halifax
iP 12 18 59 c

JULY 27
U.S.C.G.S.
28 1/2S, 62E
South Indian Ocean
H = 17 19 03
Ottawa
eP' 17 38 34
Resolute
P' 17 38 19
e 17 41 44

JULY 27
U.S.C.G.S.
55N, 34 1/2W
North Atlantic Ocean
H = 18 30 33
Halifax
iP 18 35 20 c
Ottawa
eP 18 36 23
Resolute
eP 18 36 41
eS 18 41 48
eL 18 44 --
Seven Falls
eP 18 35 47
S 18 40 09
Shawinigan Falls
eP 18 35 57 c

JULY 28
U.S.C.G.S.
5S, 151 1/2E
New Britain
H = 01 23 05
h = 200 km
Ottawa
eP' 01 41 42
Resolute
SS 01 55
SSS 01 59 04
G 02 04
e 02 06 37

JULY 28
Resolute
eP 02 35 40
e 02 37 03

DOMINION OBSERVATORIES

JULY 28
In the Canadian Arctic
H = 03 11 45.8
Mag 2.0
Resolute
iP_1 03 12 02.6
iS_1 03 12 12.4
D = 88 km

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

JULY 28
Resolute
i 09 39 23
Local shock

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

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

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

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

JULY 29
Shawinigan Falls
eP 21 00 07

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

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

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

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

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

JULY 30
Resolute
iP 10 04 09 d

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

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

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

JULY 31
48.6°N, 123.1°W
Gulf Islands
H = 07 22 11
Alberni
iP 07 22 31.9
D = 131 km
Horseshoe Bay
iP 07 22 24.8
iS 07 22 34.2
D = 86 km
Victoria
iP 07 22 15.0
eS 07 22 18.1
D = 25 km

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

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

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

DOMINION OBSERVATORIES

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

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

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

AUGUST 2
Ottawa
eP 10 00 25

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

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

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

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

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

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

AUGUST 4
43°08'N, 80°00'W
Near Caledonia, Ontario
H = 20 25 58
h = 0 km ?
Mag 3.9
Montreal
iP_n 20 27 14.7
iP_1 20 27 29.0
iS_n 20 28 11.0
(S_1) 20 28 34.5
D = 570 km
Ottawa
iP_n 20 26 57
iP_1 20 27 05.5
eS_n 20 27 39.6
S_1 20 27 53
D = 420 km

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

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

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

AUGUST 6
Ottawa
eP 03 46 04 d

AUGUST 6
Ottawa
eP 04 01 10

AUGUST 6
49.5°N, 127.7°W
North of Estevan Point
H = 04 24 37
Mag 3.3
Alberni
iP 04 24 00.4
D = 175 km
Victoria
eP 04 24 17.7
eS 04 24 58.3
D = 374 km

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

AUGUST 6
Resolute
iP 06 46 53

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

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

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

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

DOMINION OBSERVATORIES

Resolute
iP_n 02 21 48.5
iP_1 02 21 58.7
iS_n 02 22 31.5
eS_1 02 22 51
D = 430 km

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

AUGUST 8
Resolute
e 07 25 22

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

AUGUST 8
U.S.C.G.S.
59 1/2N, 139W
Southeastern Alaska
H = 14 40 55
Resolute
eP 14 45 48
e 14 52 20
e 14 54 15

AUGUST 8
48°17'N, 123°45'W
Strait of Juan de Fuca
H = 18 04 05
Mag 2.7
Alberni
iP 18 05 18.3 d
iS 18 05 34.6
D = 133 km
Horseshoe Bay
iP 18 05 16.7
D = 123 km
Victoria
iP 18 05 02.6 c
eS 18 05 07.3
D = 36 km

AUGUST 8
U.S.C.G.S.
42N, 2 1/2E
France-Spain border region
H = 20 37 30
Resolute
eS 20 54 19
e 21 03
e 21 06

AUGUST 8
47°56'N, 70°23'W
About 30 miles up Riviere Malbaie, Quebec
H = 22 15 03
h = 0 km ?
Mag 4.0
Montreal
iP_1 22 17 03
eS_n 22 17 34.5
iS_1 22 17 45
D = 365 km

Ottawa
iP_1 22 17 22
i 22 17 25
iS_1 22 18 22.5
D = 495 km
Seven Falls
iP_1 22 16 18.2
iS_1 22 16 29.6
D = 93 km
Shawinigan Falls
iP_1 22 16 40.7
i 22 16 43.5
iS_1 22 17 09.5
D = 236 km

AUGUST 9
Resolute
eP 06 59 24

AUGUST 9
Halifax
eL 13 35.0
Resolute
eP 13 07 19 c
e 13 10 41
e 13 27 20

AUGUST 9
Resolute
iP 13 43 15 c

AUGUST 10
Canadian Arctic
H = 02 14 20
Mag 1.8
Resolute
iP_1 02 14 30
iS_1 02 14 37.5
D = 61 km

AUGUST 10
U.S.C.G.S.
3 1/2S, 151 1/2E
New Britain region
H = 18 05 54
Resolute

e	18 30 28
eS	18 31 14
SS	18 38 05

AUGUST 10
U.S.C.G.S.
21 1/2N, 144E
Mariana Islands region
H = 23 41 37
h = 150 km
Resolute

iP	23 53 17 c
pP	23 53 50

AUGUST 11
U.S.C.G.S.
18S, 168 1/2E
New Hebrides Islands
H = 07 53 12
Ottawa

iP'	08 12 06 d

Resolute

PS	08 21 26
PSPS	08 28 14
G	08 38 05
L	08 44

AUGUST 11
U.S.C.G.S.
3S, 100 1/2E
Off coast of Sumatra
H = 20 26 22
Resolute

(SKS)	20 51 24
PS	20 54 30
L	21 24.7

AUGUST 12
48°36'N, 69°23'W
About 10 miles NW of Sault-au-Mouton, Quebec.
H = 03 22 12
h = 5 km ?
Mag 3.9
Montreal

(Pn)	03 23 17
i	03 23 18
i	03 23 20
iP_1	03 23 28.5
i	03 24 08
iS_1	03 24 25

D = 472 km
Ottawa

(P_1)	03 23 46.5
S_1	03 24 55.5

D = 598 km
Seven Falls

iP_1	03 22 43.4
i	03 22 45.2
iS_1	03 23 07.2

D = 195 km
Shawinigan Falls

eP_1	03 23 06.4
e	03 23 41
eS_1	03 23 49

D = 342 km

AUGUST 12
U.S.C.G.S.
51 1/2N, 175W
Andreanof Islands, Aleutian Islands
H = 08 15 59
Ottawa

eP	08 26 16

Resolute

eP	08 23 26
P_cP	08 25 36
eS	08 29 40
(S_cS)	08 32 12

Shawinigan Falls

eP	08 26 19

AUGUST 12
U.S.C.G.S.
59 1/2N, 139W
Southeastern Alaska
H = 15 10 57
Resolute

eP	15 15 50
e	15 22 26
e	15 35 22

AUGUST 12
U.S.C.G.S.
Off coast of Oaxaca, Mexico
H = 15 35 40
h = 100 km
Ottawa

eP	15 42 19 d
i	15 42 29

Resolute

eP	15 45 37
iP	15 45 47
eS	15 53 51
PKKP	16 04 35

Shawinigan Falls

eP	15 42 38
e	15 42 48

AUGUST 12
U.S.C.G.S.
27N, 110 1/2W
Gulf of California
H = 16 23 42
Halifax

eL	16 44.1

Ottawa

eP	16 30 22
S_cS	16 41 06
e	16 41 48
L	16 42 28
e	16 44 10

Resolute

eP	16 32 28
P_cP	16 33 48
eS	16 39 28
SS	16 43 08
L	16 46 --

DOMINION OBSERVATORIES

Victoria
eP 16 28 59

AUGUST 12
U.S.C.G.S.
1/2N, 126E
Molucca Passage
foreshock
H = 16 53 13
Ottawa
eP' 17 12 32
PP 17 14 58

AUGUST 12
U.S.C.G.S.
9 1/2S, 123 1/2E
Timor Island
H = 19 04 20
Halifax
eP' 19 24 02 c
Shawinigan Falls
eP' 19 23 55

AUGUST 12
U.S.C.G.S.
0, 126 1/2E
Molucca Passage
H = 19 25 05
Halifax
eP' 19 44 33
ePP 19 47 01
ePKS 19 48 03
ePPS 19 58 57
e 20 03.1
eSS 20 04 54
G 20 20.1
Ottawa
eP' 19 44 21
PP 19 46 35
Resolute
iP 19 39 01
e 19 42 29
PP 19 43 11
(SKS) 19 49 37
e 19 50 --
Seven Falls
eP' 19 44 20
PP 19 46 34
Shawinigan Falls
eP' 19 44 20
PP 19 46 34
PKS 19 47 45
Victoria
eP 19 39 11
e 19 43 34

AUGUST 12
U.S.C.G.S.
6S, 152E
Near coast of New Britain
H = 23 12 17
h = 100 km
Ottawa
eP' 23 31 07
Resolute
pS 23 39 18
SS 23 44 28
Seven Falls
eP' 23 31 11
Shawinigan Falls
eP' 23 31 10

AUGUST 13
U.S.C.G.S.
6S, 152 1/2E
Near coast of New Britain
H = 00 11 28
Ottawa
eP' 00 30 28
e 00 31 08
Seven Falls
eP' 00 30 31
Shawinigan Falls
eP' 00 30 29
e 00 31 09

AUGUST 13
U.S.C.G.S.
1/2N, 126E
Molucca Passage
H = 03 50 35
Ottawa
eP' 04 09 48
Seven Falls
eP' 04 09 48
Shawinigan Falls
eP' 04 09 48

AUGUST 13
U.S.C.G.S.
36 1/2N, 66 1/2E
Northern Afghanistan
H = 07 33 29
Resolute
iP 07 44 36 c
eS 07 53 40
L 08 01.3

AUGUST 13
U.S.C.G.S.
6S, 153E
Off coast of New Britain
H = 10 02 49
Resolute
e 10 56 26
e 11 03 30

AUGUST 13
Resolute
e 18 10 28
e 18 16 20

AUGUST 13
U.S.C.G.S.
51N, 177 1/2W
Andreanof Islands, Aleutian Islands
H = 20 13 00
Alberni
eP 20 19 43

Halifax
iP 20 24 09 c
e 20 24 22
iS 20 33 12
eSS 20 38 07
eL 20 45.1
Horseshoe Bay
eP 20 19 50
Ottawa
eP 20 23 29 d
i 20 23 43
PP 20 26 04
S 20 32 02
Resolute
iP 20 20 40
PP 20 22 16
eS 20 26 44
L 20 29
Seven Falls
eP 20 23 36
i 20 23 51
S 20 32 10
Shawinigan Falls
eP 20 23 32 d
i 20 23 48
Victoria
iP 20 19 53 d,W

AUGUST 14
U.S.C.G.S.
19 1/2N, 146 1/2E
Mariana Islands
H = 02 28 25
Resolute
eP 02 40 28
L 03 01.4

AUGUST 14
Resolute
e 08 05 16
e 08 08 10

AUGUST 14
U.S.C.G.S.
23 1/2S, 175 1/2W
Tonga Islands region
H = 09 45 14

Resolute
eL 10 39 --

AUGUST 14
U.S.C.G.S.
34 1/2N, 48E
Iran
H = 11 27 00
Ottawa
eP 11 39 43
Resolute
iP 11 38 05 d
eS 11 47 14
SS 11 51 30
L 11 55 --
Seven Falls
eP 11 39 23
Shawinigan Falls
eP 11 39 31

AUGUST 14
Ottawa
eP 12 17 06 d
Shawinigan Falls
eP 12 17 07 d

AUGUST 14
U.S.C.G.S.
52N, 175W
Andreanof Islands
Aleutian Islands
H = 14 55 10
Mag 6 1/2
Alberni
eP 15 01 37
Banff
eP 15 02 17
Halifax
iP 15 06 09 c
i 15 06 23 d
iS 15 15 02
eS_cS 15 16 21
e(SS) 15 18 28
eL 15 26.1
Horseshoe Bay
eP 15 01 46
eS 15 07 04

Ottawa
iP 15 05 27 c
S 15 13 40
PS 15 14 06
S_cS 15 15 18
SSS 15 20 38
Resolute
eP 15 02 36
iP 15 02 37 c
PP 15 04 09
P_cP 15 04 45
eS 15 08 30
L 15 11.2
Saskatoon
iP 15 02 57
iS 15 09 08
Seven Falls
iP 15 05 34 c
S 15 14 00
S_cS 15 15 44
SSS 15 21 00
L 15 23.5
Shawinigan Falls
eP 15 05 31 c
Victoria
iP 15 01 48 c,E

AUGUST 14
U.S.C.G.S.
51N, 175 1/2W
Andreanof Islands,
Aleutian Islands
H = 15 18 05
Ottawa
eP 15 28 26 c
Resolute
eP 15 25 35
P_cP 15 27 47
Seven Falls
eP 15 28 34
Shawinigan Falls
eP 15 28 29 c

AUGUST 14
U.S.C.G.S.
34N, 47 1/2E
Iran
H = 15 26 19

DOMINION OBSERVATORIES

Halifax
iP 15 38 32 d
Ottawa
eP 15 39 01 c
Resolute
iP 15 37 25 c
Seven Falls
eP 15 38 42
Shawinigan Falls
eP 15 38 49

AUGUST 14
Ottawa
eP 15 34 46 c

AUGUST 14
Seven Falls
eP 16 04 35

AUGUST 14
48°33'N, 123°19'W
Gulf Islands
H = 21 21 42
Mag 1.9
Alberni
iP 21 22 03.2
D = 150 km
Horseshoe Bay
iP 21 21 55.4
D = 101 km
Victoria
iP 21 21 44.8
eS 21 21 49.1
D = 35 km

AUGUST 14
Alberni
iP 22 26 49.9
iS 22 27 00.2 S
D = 85 km

AUGUST 14
Resolute
e 23 48 04

AUGUST 15
U.S.C.G.S.
6S, 150 1/2E
New Britain
H = 02 26 51
Ottawa
eP' 02 45 55
Resolute
eS 02 52 39
(PS) 02 54 07
SS 03 00 18
Shawinigan Falls
eP' 02 45 56

AUGUST 15
U.S.C.G.S.
7N, 73W
Northern Columbia
H = 06 20 53
h = 200 km
Banff
eP 06 30 17 c
Halifax
iP 06 28 02 c
iP_cP 06 30 11 d
Horseshoe Bay
iP 06 30 40 c
i 06 31 18 d
Ottawa
iP 06 28 01 c
P_cP 06 30 10
Resolute
iP 06 31 40 c
Seven Falls
eP 06 28 16 c
Shawinigan Falls
eP 06 28 10 c
P_cP 06 30 14
Victoria
iP 06 30 39 c, S, E
i 06 31 17

AUGUST 15
Banff
eP 13 26 16
Resolute
eP 13 26 32
e 13 32 26
e 13 36 18
e 13 40 26

AUGUST 15
U.S.C.G.S.
53N, 160 1/2E
Near east coast of Kamchatka
H = 19 55 39
h = 60 km
Mag 6 3/4
Alberni
eP 20 03 55
Banff
eP 20 04 23
Halifax
iP 20 07 23 c
ipP 20 07 52
iPP 20 10 29
iS 20 16 57
esSS 20 23 06
e(SSS) 20 26 08
Horseshoe Bay
eP 20 04 00
eS 20 10 43
Ottawa
iP 20 06 52 c
i 20 07 12
PP 20 09 41
S 20 16 00
PS 20 16 36
SS 20 21 10
L 20 24.5
Resolute
iP 20 03 38 c
pPP 20 05 34
iS 20 10 15
S_cS 20 13 20
Saskatoon
eP 20 04 50
eS 20 12 16
eL 20 22
Seven Falls
iP 20 06 54 c
i 20 07 14
S 20 16 06
PS 20 16 39
PPS 20 17 06
SS 20 21 02
SSS 20 24 17
L 20 27 47
Shawinigan Falls
eP 20 06 53 c

Victoria
iP 20 04 04 c,S,E
eS 20 11 02

AUGUST 15
U.S.C.G.S.
1 1/2N, 125E
Celebes
H = 22 29 17
h = 200 km
Mag 6 3/4 - 7
Banff
eP 22 43 21
e 22 46.3
eP' 22 47 28
Halifax
iP' 22 48 20 d
i 22 48 29 d
ipP' 22 49 02 d
isP' 22 49 37 c
iPP 22 50 46 d
ipPP 22 51 28 d
isPKS 22 52 51
Horseshoe Bay
eP 22 42 58
e 22 47 20
Ottawa
eP' 22 48 08
e 22 48 53
e 22 51 06
PKS 22 51 43
e 22 52 40
SKS 22 55 34
PS 22 00 35
SS 23 07 34
Resolute
iP 22 42 45 c
PP 22 46 55
sPP 22 48 00
SKS 22 53 05
SS 23 01 06
Saskatoon
eP' 22 48 13
Seven Falls
eP' 22 48 09
e 22 48 55
PP 22 50 25
e 22 51 12
PKS 22 51 37
SKS 22 54 53
PS 23 00 02
SS 23 07 27
Seven Falls
eP' 22 48 06
e 22 48 53
e 22 51 08
e 22 56 53
PS 23 00 11
SS 23 07 18
Victoria
eP 22 42 57 c

AUGUST 16
Resolute
e 11 40 40
e 11 47 20
e 12 10 --

AUGUST 16
U.S.C.G.S.
51 1/2N, 176W
Andreanof Islands,
Aleutian Islands
H = 13 17 52
Mag 6 - 6 1/4
Alberni
eP 13 24 25
Banff
eP 13 25 02
Halifax
iP 13 28 53
i 13 29 06
eS 13 37 48
eSS 13 42 54
eL 13 48.2
Horseshoe Bay
eP 13 24 32
Ottawa
eP 13 28 12 c
i 13 28 25
S 13 36 34
Resolute
iP 13 25 22 c
PP 13 26 59
P_cP 13 27 31
S 13 31 10
L 13 34.0
Saskatoon
eP 13 25 47
eS 13 31 58
Seven Falls
eP 13 28 20
i 13 28 31
PcP 13 29 01
S 13 36 46
S_cS 13 38 26
SS 13 41 17
Shawinigan Falls
eP 13 28 16 c
i 13 28 29
Victoria
iP 13 24 34 c

AUGUST 16
Resolute
iP 13 35 29 c

AUGUST 16
Ottawa
eP 18 06 03
Seven Falls
eP 18 05 25
Shawinigan Falls
eP 18 05 37

AUGUST 16
U.S.C.G.S.
34 1/2N, 48E
Iran
H = 19 13 45
Banff
eP 19 27 02
Halifax
iP 19 25 55 c
i 19 26 51
ePP 19 28 50
iS 19 36 00
iPS 19 36 46
eL 19 48.4
Horseshoe Bay
eP 19 27 18

DOMINION OBSERVATORIES

Ottawa
eP 19 26 26
PP 19 29 46
S 19 36 47
PS 19 37 42
SS 19 42 13
Saskatoon
e 19 37 53
Seven Falls
eP 19 26 06
S 19 36 23
PS 19 37 12
e 19 38 55
SS 19 42 12
SSS 19 45 24
L 19 47 20
Shawinigan Falls
eP 19 26 14
PP 19 29 28
Victoria
eP 19 27 21

AUGUST 17
Ottawa
eP 04 56 21
Seven Falls
eP 04 55 41
Shawinigan Falls
eP 04 55 54

AUGUST 17
Ottawa
eP 05 07 10
Seven Falls
eP 05 06 21
Shawinigan Falls
eP 05 06 45

AUGUST 17
Shawinigan Falls
eP 06 33 54

AUGUST 17
Shawinigan Falls
eP 06 59 34

AUGUST 17
Ottawa
iP 07 43 23 c

AUGUST 17
U.S.C.G.S.
51 1/2N, 176W
Andreanof Islands,
Aleutian Islands
H = 09 08 35
Banff
eP 09 15 46
Halifax
i 09 20 41
eS 09 28 33
eL 09 38.9
Horseshoe Bay
eP 09 15 16
Ottawa
eP 09 18 56
S 09 27 16
Resolute
P 09 16 05
PP 09 17 42
S 09 22 26
(SS) 09 24 58
L 09 30
Seven Falls
eP 09 19 04
Shawinigan Falls
eP 09 19 00
i 09 19 22
Victoria
eP 09 15 18

AUGUST 17
U.S.C.G.S.
51 1/2N, 176W
Andreanof Islands,
Aleutian Islands
H = 10 50 40
Halifax
eL 11 23.4
Ottawa
eP 11 01 01

AUGUST 17
U.S.C.G.S.
51 1/2N, 176W
Andreanof Islands,
Aleutian Islands
H = 11 16 13
Ottawa
eP 11 26 32

AUGUST 17
U.S.C.G.S.
3S, 145 1/2E
Bismark Sea
H = 18 01 05
Halifax
ePS 18 32 53
e 18 43 55
eSSS 18 45 48
eL 18 59.2
Horseshoe Bay
eP 18 14 28
Ottawa
eP' 18 20 14
Shawinigan Falls
eP' 18 20 21
Victoria
eP 18 14 27

AUGUST 17
48°31'N, 81°30'W
About 20 miles SE of
Iroquois Falls, Ontario
H = 19 08 05
Mag 3.7
Montreal
iS_1 19 11 19
D = 687 km
Ottawa
iS_n 19 08 27.5
iS_1 19 10 42
D = 562 km
Seven Falls
iS_1 19 11 52.8
D = 815 km
Shawinigan Falls
iS_1 19 11 20.6
D = 694 km

AUGUST 17
U.S.C.G.S.
35 1/2S, 179 1/2W
Kermadec Islands region
H = 21 11 09
Ottawa
iP' 21 30 08
i 21 30 19
iPKKP 21 39 56
Seven Falls
eP' 21 30 15 c
i 21 30 26
Shawinigan Falls
iP' 21 30 12 d
i 21 30 24

AUGUST 18
U.S.C.G.S.
Upper Gulf of California
H = 06 00 52
Mag 5 1/4
Halifax
eL 06 23.2
Resolute
eL 06 26 --

AUGUST 18
U.S.C.G.S.
30 1/2N, 114W
Gulf of California
H = 06 44 14
Mag 5 1/2
Banff
eP 06 48 58
Halifax
eL 07 06.5
Horseshoe Bay
eP 06 48 51
Ottawa
eP 06 50 54
Resolute
eL 07 05.6
Victoria
eP 06 48 40

AUGUST 18
U.S.C.G.S.
7 1/2N, 78W
Panama-Colombia border
H = 10 16 40
Ottawa
iP 10 24 00
Resolute
eP 10 27 39 (c)
L 10 48 --
Seven Falls
eP 10 24 19
Shawinigan Falls
eP 10 24 12 c

AUGUST 18
Resolute
eP 15 25 03

AUGUST 18
U.S.C.G.S.
48N, 155E
Kurile Islands
H = 15 19 20
Resolute
eP 15 28 09 (d)
eS 15 35 18
L 15 39.2
Shawinigan Falls
eP 15 31 13

AUGUST 18
Shawinigan Falls
eP 23 36 37

AUGUST 19
Ottawa
eP 00 05 34
Seven Falls
eP 00 05 10
Shawinigan Falls
eP 00 05 30

AUGUST 19
U.S.C.G.S.
51 1/2N, 175 1/2W
Andreanof Islands, Aleutian Islands
H = 16 06 18
Banff
eP 16 13 28
Ottawa
eP 16 16 37 d
Resolute
P_cP 16 15 56
eS 16 20 13
L 16 22.4
Shawinigan Falls
eP 16 16 42 d
Victoria
eP 16 13 00

AUGUST 19
U.S.C.G.S.
53N, 160E
Near east coast of Kamchatka
H = 16 29 44
h = 100 km
Alberni
eP 16 37 55
Horseshoe Bay
eP 16 37 59
Ottawa
eP 16 40 52 c
Resolute
iP 16 37 37 c
i 16 38 09
Seven Falls
eP 16 40 54
Shawinigan Falls
eP 16 40 53 c
Victoria
eP 16 38 04

AUGUST 19
U.S.C.G.S.
1S, 149 1/2E
New Ireland Island
H = 21 48 07

Horseshoe Bay
eP 22 01 09
Ottawa
eP' 22 07 09
Shawinigan Falls
eP' 22 07 11
Victoria
eP 22 01 12
eS 22 11 37

AUGUST 20
U.S.C.G.S.
14S, 167E
New Hebrides Islands
H = 03 40 07
Mag 6 1/4 - 6 1/2
Halifax
eSS 04 18.7
eL 04 39.7
Horseshoe Bay
eP 03 53 10
Ottawa
eP' 03 58 57
Resolute
P 03 54 22
P' 03 58 10
SKS 04 05 00
S 04 06 20
PS 04 08 07
PPS 04 08 50
SS 04 14 00
L 04 24 --
Shawinigan Falls
eP' 03 59 01
Victoria
eP 03 53 23
e 03 53 56
eS 04 03 44
eL 04 20

AUGUST 20
U.S.C.G.S.
45N, 99 1/2E
Outer Mongolia
H = 06 22 23
Resolute
eP 06 32 30

AUGUST 20
U.S.C.G.S.
24N, 122E
Near east coast
of Formosa
H = 08 46 04
Banff
eP 08 59 04
Horseshoe Bay
eP 08 58 50
Resolute
eP 08 58 08
eS 09 08 10
eL 09 19 --

AUGUST 20
U.S.C.G.S.
53 1/2N, 159 1/2E
Kamchatka
H = 09 20 10
Ottawa
eP 09 31 28
Resolute
eP 09 28 13
PP 09 30 02
Shawinigan Falls
eP 09 31 29

AUGUST 20
U.S.C.G.S.
19S, 170E
New Hebrides Islands
H = 17 39 38
Resolute
PS 18 08 34
PPS 18 09 42
SS 18 15 --

AUGUST 20
U.S.C.G.S.
52N, 158E
Kamchatka
H = 21 42 21
Ottawa
eP 21 53 46
Resolute
iP 21 50 34 d
Shawinigan Falls
eP 21 53 47
Victoria
eP 21 51 01

AUGUST 20
Seven Falls
eP 22 32 34

AUGUST 21
U.S.C.G.S.
20S, 65W
Southern Bolivia
H = 00 12 53
h = 300 km
Horseshoe Bay
eP 00 25 05 c
Ottawa
eP 00 23 11
Resolute
eS 00 36 42
SS 00 43 20
Seven Falls
eP 00 23 19
Shawinigan Falls
eP 00 23 17 c
Victoria
i 00 25 02 c
e 00 26 25

AUGUST 21
U.S.C.G.S.
24S, 176W
Tonga Islands region
H = 01 09 00
Resolute
S 01 36 00
PS 01 37 40
SS 01 43 38
SSS 01 47 48
Victoria
eP 01 21 43

AUGUST 21
U.S.C.G.S.
26 1/2S, 62W
Santiago del Estero
Province, Argentina
H = 08 27 35
h = 550 km
Ottawa
iP 08 38 15 c
Resolute
e(P) 08 41 09
Seven Falls
eP 08 38 22
Shawinigan Falls
eP 08 38 20

AUGUST 21
U.S.C.G.S.
28 1/2N, 139 1/2E
Bonin Islands region
H = 11 53 55
Resolute
eP 12 05 18
eS 12 14 04

AUGUST 21
U.S.C.G.S.
53N, 163W
Fox Islands,
Aleutian Islands
H = 12 19 00
Ottawa
iP 12 28 47 d
Resolute
eP 12 26 01
P_cP 12 28 26
eS 12 31 40
eL 12 34
Shawinigan Falls
eP 12 28 51
Victoria
e 12 24 56

AUGUST 21
U.S.C.G.S.
18S, 176W
Fiji Islands region
H = 20 59 10
h = 250 km
Halifax
eSKS 21 24 05
e(SKKS) 21 25 20
eSP 21 28 14
epPS 21 29 18
iP'P' 21 38 18
Victoria
iP 21 10 59 d
epP 21 11 52
eS 21 20 50
esS 21 22 26

AUGUST 22
U.S.C.G.S.
49 1/2S, 117E
South Indian Ocean
H = 00 01 21
Resolute
iP' 00 21 17 d
iP' 00 21 23 d
(PSPS) 00 45 33
SSS 00 51 --

AUGUST 22
Alberni
eP 10 13 16.5
eS 10 13 23.6
D = 58 km

AUGUST 22
43°00'N, 79°00'W
In the Niagara Peninsula,
Ontario
H = 14 25 05
h = 5 km ?
Mag 3.6
Montreal
S_1 14 27 31
D = 530 km
Ottawa
iP_n 14 26 00.6
P_1 14 26 08.7
iS_n 14 26 40.0
iS_1 14 26 54.0
D = 380 km
Shawinigan Falls
S_1 14 28 07
D ≐ 645 km

AUGUST 22
U.S.C.G.S.
51N, 179 1/2W
Andreanof Islands,
Aleutian Islands
H = 20 33 40
Horseshoe Bay
eP 20 40 37
Shawinigan Falls
iP 20 44 14
Victoria
eP 20 40 41

AUGUST 22
U.S.C.G.S.
26 1/2S, 115W
Pacific Ocean
H = 23 18 33
Banff
eP 23 30 33
Horseshoe Bay
eP 23 30 25
Ottawa
eP 23 30 49
Shawinigan Falls
eP 23 31 01
Victoria
eP 23 30 21 d

AUGUST 23
48°41'N, 123°01'W
Gulf Islands
H = 05 26 40
Mag 2.4

Horseshoe Bay
iP 05 26 52.6
e 05 27 02.2
D = 79 km
Victoria
iP 05 26 45.2 c, W
iS 05 26 48.8
D = 29 km

AUGUST 23
U.S.C.G.S.
52N, 173W
Andreanof Islands,
Aleutian Islands
H = 21 56 53
Resolute
eP 22 04 17
eS 22 10 17
eL 22 13 03
Shawinigan Falls
eP 22 07 07

AUGUST 24
Resolute
e 05 18 28

AUGUST 24
U.S.C.G.S.
14N, 121E
Near coast of Luzon,
Philippine Islands
H = 16 54 25
Ottawa
iP 17 07 07 c
pP 17 07 43
eS 17 17 22
Seven Falls
eP' 17 12 59
Shawinigan Falls
eP' 17 12 59

AUGUST 26
U.S.C.G.S.
37 1/2N, 142E
Near east coast of
Honshu, Japan
H = 05 00 29
Resolute
eP 05 10 54
e 05 11 23
eS 05 19 32

AUGUST 26
U.S.C.G.S.
14S, 167E
New Hebrides
Islands foreshock
H = 12 20 43
Resolute
eS 12 46 42
PS 12 48 40
SS 12 53 50
L 13 03.5

AUGUST 26
U.S.C.G.S.
14S, 167E
New Hebrides
Islands foreshock
H = 12 45 02
Halifax
eL 13 27.5

AUGUST 26
U.S.C.G.S.
12S, 167E
Santa Cruz Islands
H = 15 57 57
h = 150 km
Shawinigan Falls
eP' 16 17 07
i 16 17 11

AUGUST 26
U.S.C.G.S.
14S, 167E
New Hebrides Islands
H = 17 55 34
Ottawa
iP' 18 14 27 d
Resolute
SKS 18 20 28
eS 18 21 45
SS 18 29 14
L 18 39.2
Shawinigan Falls
eP' 18 14 30 d

AUGUST 26
U.S.C.G.S.
14S, 167E
New Hebrides
Islands aftershock
H = 23 23 20
Ottawa
iP' 23 50 29 d
Resolute
e 23 50 12
e 23 56 30
e 23 58 18
e 23 59 30
e 24 01 10
e 24 05 30
e 24 07 --
Shawinigan Falls
eP 23 50 33

AUGUST 26
U.S.C.G.S.
14S, 167 1/2E
New Hebrides
Islands aftershock
H = 23 45 07
Halifax
e 24 24.3
eL 24 36.3

AUGUST 27
U.S.C.G.S.
4 1/2S, 104 1/2W
About 1000 Miles
southwest of Galapagos
Islands
H = 02 25 32
Halifax
eS 02 44 06
eSS 02 48 08
eSSS 02 51.1

Ottawa
iP 02 35 10 d
S 02 43 02
PS 02 43 35
S_cS 02 45 06
Resolute
eP 02 37 37
e 02 37 44
e 02 38 07
eS 02 47 38
SS 02 52 26
G 02 58.6
Shawinigan Falls
eP 02 35 26

AUGUST 27
U.S.C.G.S.
53 1/2N, 159 1/2E
Kamchatka
H = 13 09 03
Horseshoe Bay
eP 13 17 27
Ottawa
eP 13 20 19 c
Resolute
iP 13 17 05 c
(P_cP) 13 18 53
eS 13 23 30
e 13 23 52
L 13 27 00
Shawinigan Falls
eP 13 20 20 c
Victoria
eP 13 17 30

AUGUST 27
U.S.C.G.S.
38N, 20 1/2E
Near west coast of Greece
H = 15 16 35

Halifax
iP 15 26 51 c
iS 15 35 06
eS_cS 15 36 41
eSSS 15 42 00
Horseshoe Bay
eP 15 29 22
Ottawa
iP 15 27 38 c
S 15 36 38
S_cS 15 37 38
SS 15 41 10
SSS 15 44 16
Resolute
iP 15 26 44 d
iS 15 35 00
S_cS 15 36 35
SS 15 39 12
Seven Falls
eP 15 27 12 c
S 15 35 50
PS 15 36 23
e 15 36 46
e 15 38 20
SS 15 39 50
G 15 43.5
Shawinigan Falls
eP 15 27 22
P_cP 15 28 03
Victoria
eP 15 29 28 d
eS 15 39 51
iS 15 39 57

AUGUST 27
Resolute
eP 21 02 27

AUGUST 28
Resolute
eP 04 16 25

AUGUST 28
Resolute
eP 08 02 38
e 08 02 45
e 08 12 40
e 08 23 --

AUGUST 28
U.S.C.G.S.
33 1/2S, 69 1/2W
Chile-Argentina, border
H = 09 36 06
Ottawa
eP 09 48 12 d
Resolute
eL 10 32 --
Seven Falls
eP 09 48 22 d
Shawinigan Falls
eP 09 48 19

AUGUST 28
Shawinigan Falls
eP 17 28 16

AUGUST 28
Resolute
e 17 56 26

AUGUST 28
U.S.C.G.S.
53N, 170 1/2W
Fox Islands, Aleutian Islands
H = 18 15 49
Halifax
iP 18 26 28 c
eL 18 46.8
Ottawa
eP 18 25 43
Resolute
eP 18 22 25
(P_cP) 18 25 19
e 18 31 00
eL 18 32.0

Shawinigan Falls
eP 18 25 49

AUGUST 29
Resolute
e 02 55 30

AUGUST 29
U.S.C.G.S.
14 1/2S, 167E
New Hebrides Islands
H = 12 24 23
Mag 5 3/4-6
Ottawa
iP' 12 43 18 c
Resolute
SKS 12 49 22
eS 12 50 24
PS 12 52 24
Seven Falls
eP' 12 43 23 d
Shawinigan Falls
eP' 12 43 20

AUGUST 29
Canadian Arctic
H = 12 57 16
h = 0 km ?
Mag 2.8
Resolute
e(P_n) 12 58 16
iP_1 12 58 23.1
eS_n 12 58 58
eS_1 12 59 12
D = 420 km

AUGUST 29
U.S.C.G.S.
14S, 167E
New Hebrides
Islands aftershock
H = 12 51 57
Resolute
e(P) 13 06 08
(PPP) 13 13 08

AUGUST 30
Resolute
eP 07 45 56

AUGUST 30
Resolute
e 12 38 20

AUGUST 30
U.S.C.G.S.
27 1/2N, 112W
Gulf of California
H = 18 38 18
Banff
eP 18 43 34
Halifax
eL 18 55.4
Horseshoe Bay
eP 18 43 31
Ottawa
eP 18 45 00
P_cP 18 47 45
S 18 50 27
L 18 55.2
Resolute
iP 18 47 05
eS 18 54 00
SS 18 57 34
Saskatoon
e 18 48 13
L 18 51 26
Seven Falls
eP 18 45 37 c
S 18 51 09
L 18 57.0
Shawinigan Falls
eP 18 45 23
Victoria
eP 18 43 22
i 18 43 36
eS 18 47 37
eL 18 50.0

AUGUST 31
Off coast of Oregon
H = 06 02 01
Mag 3.7
Horseshoe Bay
eP 06 03 06.1
D = 485 km
Victoria
eP 06 02 55.1
e 06 02 57.8
iS 06 03 34.2
D = 390 km

AUGUST 31
Resolute
eP 15 29 28
e 15 38 00

AUGUST 31
48.4°N, 123.6°W
South west of Victoria,
Strait of Juan de Fuca
H = 17 33 56
Mag 1.6
Alberni
iP 17 34 18.5
iS 17 34 34.1
D = 139 km
Victoria
iP 17 34 00.0 d,S
iS 17 34 02.8
D = 23 km

AUGUST 31
U.S.C.G.S.
63N, 144 1/2W
Central Alaska
H = 23 00 16
Mag 5 3/4 - 6
Alberni
eP 23 04 23
Banff
eP 23 04 44 c
Halifax
iP 23 08 52 c
ePP 23 10 45

ePS 23 15 57
eS_cS 23 18 49
eSS 23 19 21
eL 23 23 21.6
Horseshoe Bay
eP 23 04 29
Ottawa
eP 23 08 03 c
PP 23 09 46
P_cP 23 10 03
S 23 14 25
SS 23 17 24
Saskatoon
iP 23 05 17
e 23 09 31
Seven Falls
eP 23 08 11
PP 23 09 51
S 23 14 36
SS 23 17 27
L 23 19.6
Shawinigan Falls
iP 23 08 08 c
Victoria
iP 23 04 35 c, S, E
iS 23 08 13
eL 23 09.8

SEPTEMBER 1
Resolute
iP 15 29 13 (d)
e 15 29 26
e 15 34 23

SEPTEMBER 1
U.S.C.G.S.
38N, 134 1/2E
Sea of Japan
H = 15 29 31
h = 400 km
Resolute
iP 15 39 20 c
pP 15 40 50
eS 15 47 09
S_cS 15 48 31
sS 15 49 49

SEPTEMBER 2
U.S.C.G.S.
38N, 21E
Ionian Islands
H = 01 13 26
Resolute
eP 01 23 35 (c)
eS 01 31 47
eL 01 49 -

SEPTEMBER 2
U.S.C.G.S.
10 1/2S, 164 1/2E
Santa Cruz Islands region
H = 02 27 41
Resolute
eS 02 53 32
eG 03 10.4
eL 03 16 -

SEPTEMBER 2
U.S.C.G.S.
6 1/2S, 155E
Solomon Islands
H = 02 56 34
h = 100 km
Ottawa
eP' 03 15 23 c
i 03 15 32
Resolute
ePP 03 14 32
Seven Falls
eP' 03 15 27
Shawinigan Falls
eP' 03 15 25
i 03 15 35

SEPTEMBER 2
U.S.C.G.S.
5 1/2S, 145 1/2E
Near north coast of
New Guinea
H = 14 25 37
Ottawa
eP' 14 44 43
Resolute
eL 14 58

SEPTEMBER 2
U.S.C.G.S.
Near coast of El
Salvador
H = 19 41 10
h = 100 km
Banff
iP 19 49 14 c
Horseshoe Bay
eP 19 49 36
Ottawa
eP 19 47 51
Shawinigan Falls
eP 19 48 08
Victoria
eP 19 49 28

SEPTEMBER 2
U.S.C.G.S.
15N, 92 1/2W
Near coast of
Oaxaca, Mexico
H = 20 07 04
Banff
iP 20 14 45 c
Halifax
ePP 20 16 07
eS 20 20 29
eL 20 25.8
Horseshoe Bay
eP 20 15 02
Ottawa
eP 20 13 46
Shawinigan Falls
eP 20 14 04
Victoria
eP 20 14 55

SEPTEMBER 3
U.S.C.G.S.
0, 18W
Atlantic Ocean
H = 03 44 24
Halifax
iP 03 54 38 d
iS 04 02 49
eL 04 09.0

DOMINION OBSERVATORIES

Ottawa
iP 03 55 26 c
S 04 04 28
L 04 12.2
Seven Falls
eP 03 55 13
S 04 04 00
L 04 11 28
Shawinigan Falls
eP 03 55 17
e 03 56 19

SEPTEMBER 3
Ottawa
e(P) 04 23 16
e 04 23 50

SEPTEMBER 3
U.S.C.G.S.
Off coast of
Guatemala
H = 04 17 50
Banff
eP 04 25 43
Horseshoe Bay
eP 04 25 59
Ottawa
eP 04 24 26
P_cP 04 27 25
Shawinigan Falls
eP 04 25 04
Victoria
eP 04 25 55

SEPTEMBER 3
U.S.C.G.S.
40 1/2N, 143E
Off northeast coast of
Honshu, Japan
H = 08 10 26
h = 60 km
Horseshoe Bay
eP 08 20 48
Ottawa
eP 08 23 11
Resolute
iP 08 20 21 (d)
eS 08 28 25
S_cS 08 30 11
SS 08 32 17
eL 08 35 -
Seven Falls
eP 08 23 12
Shawinigan Falls
eP 08 23 11
Victoria
eP 08 20 51

SEPTEMBER 4
U.S.C.G.S.
37N, 26 1/2E
Dodecanese Islands
H = 00 03 00
h = 60 km
Ottawa
eP 00 14 23 d
Seven Falls
eP 00 14 01
Shawinigan Falls
eP 00 14 08

SEPTEMBER 4
U.S.C.G.S.
51 1/2N, 177 1/2E
Rat Islands,
Aleutian Islands
H = 06 58 52
Resolute
eP 07 06 36 d
PP 07 08 16
eS 07 13 11
L 07 16 -

SEPTEMBER 4
Canadian Arctic
H = 14 28 02.3
Mag. 06
iP_1 14 28 22
iS_1 14 28 23.5
D = 12.3 km

SEPTEMBER 4
U.S.C.G.S.
33 1/2S, 69 1/2W
Chile-Argentina border
H = 21 51 08
Mag 6 3/4 - 7
Alberni
e 22 15 51
eL 22 38.4
Banff
eP 22 04 27
Halifax
e 22 03 13
iP 22 03 19 d
i 22 04 30 d
ePP 22 06 09
i 22 07 15
iS 22 13 17
iSSS 22 22 40
iL 22 22.6
Horseshoe Bay
eP 22 04 38
e 22 08 39
eS 22 15 15
eSP 22 17 23
eL 22 38.1
Ottawa
iP 22 03 17 d
i 22 04 34
e 22 06 03
PP 22 06 26
i 22 07 17
S 22 13 04
S_cS 22 13 24
SS 22 18 00
Saskatoon
eP 22 04 17
eS 22 14 53
Seven Falls
iP 22 03 26
i 22 04 43
PP 22 06 32
i 22 07 27
S 22 13 35
S_cS 22 13 55
PS 22 14 52
L 22 28.1

Shawinigan Falls
iP 22 03 25
i 22 04 39
e 22 05 30
e 22 05 54
e 22 06 00
PP 22 06 24
i 22 07 23
Victoria
eP 22 04 35
e 22 08 33
eS 22 15 12
i 22 17 14
e 22 22.6
eL 22 33.7

SEPTEMBER 5
U.S.C.G.S.
Chile-Argentina border
H = 03 41 22
Ottawa
eP 03 53 29
Resolute
eL 07 08 -
Shawinigan Falls
eP 03 53 35

SEPTEMBER 5
U.S.C.G.S.
34S, 70W
Chile-Argentina border
H = 06 12 58
Ottawa
eP 06 25 05
Shawinigan Falls
eP 06 25 10

SEPTEMBER 5
Resolute
iP 09 47 59
i 09 49 08

SEPTEMBER 5
U.S.C.G.S.
Kurile Islands
H = 10 59 03
Ottawa
iP 11 11 14 c
Resolute
iP 11 08 14 c
Shawinigan Falls
eP 11 11 12

SEPTEMBER 5
U.S.C.G.S.
5S, 102E
Near coast of
Sumatra
H = 13 01 55
Resolute
SKS 13 27 11
PS 13 30 28

SEPTEMBER 5
Ottawa
eP 13 30 28

SEPTEMBER 5
U.S.C.G.S.
5S, 102E
Sumatra aftershock
H = 13 08 04
Resolute
SKS 13 33 20
(PS) 13 36 45

SEPTEMBER 5
H = 23 28 46
Mag 1.9
Banff
eP 23 28 50.8
eS 23 28 54.7
D = 32 km

SEPTEMBER 7
U.S.C.G.S.
7N, 73W
Northern Colombia
H = 02 48 14
h = 150 km
Ottawa
eP 02 55 25 c
Shawinigan Falls
eP 02 55 35

SEPTEMBER 7
Resolute
i(P) 12 52 26

SEPTEMBER 7
Resolute
e 16 37 20
e 16 38 49

SEPTEMBER 8
U.S.C.G.S.
53 1/2N, 159E
Near east coast of
Kamchatka
H = 05 25 37
h = greater than normal
Alberni
iP 05 33 58 (d)
ipP 05 34 13
eS 05 40 38
Banff
iP 05 34 26 c
Halifax
eP 05 37 26 (d)
i 05 37 49
eS 05 47 01
e(SSS) 05 55 46
eL 06 02.8
Horseshoe Bay
iP 05 34 04 c, S, E,
eS 05 40 51
Ottawa
iP 05 36 54 c
i 05 37 08
pP 05 37 17
PP 05 39 34
S 05 46 06
SS 05 51 13
SSS 05 54 03
Resolute
iP 05 33 41
PP 05 35 25
iS 05 40 07
(sS) 05 40 30
(S_cS) 05 43 35

Seven Falls
iP 05 36 57 c
PP 05 39 34
S 05 46 11
Shawinigan Falls
iP 05 36 56 c
i 05 37 11
Victoria
iP 05 34 07 c
i 05 36 15 d
eS 05 40 55

SEPTEMBER 8
U.S.C.G.S.
33 1/2N, 131 1/2E
Northern Kyushu,
Japan
H = 14 53 13
h = 60 km
Resolute
iP 15 04 06
pP 15 04 27
P_cP 15 04 35
sP 15 04 50
eS 15 12 51
(S_cS) 15 14 00
G 15 21.3
L 15 23.0

SEPTEMBER 8
U.S.C.G.S.
34S, 70W
Chile-Argentina border
H = 22 24 55
Ottawa
iP 22 37 03 c
Seven Falls
eP 22 37 10
Shawinigan Falls
iP 22 37 09 c

SEPTEMBER 9
U.S.C.G.S.
46N, 151E
Kurile Islands
H = 11 32 05
Banff
eP 11 41 58
Horseshoe Bay
eP 11 41 34 c
Ottawa
iP 11 44 14 c
Resolute
iP 11 41 15
eS 11 48 33
S_cS 11 51 02
Shawinigan Falls
iP 11 44 15 c
i 11 44 32
Victoria
eP 11 41 38

SEPTEMBER 9
Horseshoe Bay
eP 21 32 23

SEPTEMBER 9
U.S.C.G.S.
54N, 171E
Near Islands region,
Aleutian Islands
H = 22 23 37
Alberni
eP 22 31 05 (c)
Banff
eP 22 31 37
Halifax
eL 22 54.2
Horseshoe Bay
eP 22 31 11 c
Ottawa
iP 22 34 23 d
Shawinigan Falls
eP 22 34 26
Victoria
eP 22 31 13 c

SEPTEMBER 11
48°54'N, 122°09'W
Northwest of
Mount Baker
H = 00 35 51
Mag 2.5
Alberni
eP 00 36 22.7
eS 00 36 47.2
D = 202 km
Horseshoe Bay
iP 00 36 07.4
iS 00 36 19.5
D = 99 km
Victoria
iP 00 36 08.2
iS 00 36 21.5
D = 105 km

SEPTEMBER 11
Ottawa
iP 01 11 48 c
Seven Falls
eP 01 11 55
Shawinigan Falls
eP 01 11 59 c

SEPTEMBER 11
Resolute
e 13 47 05
e 13 51 -
e 13 54 45

SEPTEMBER 11
48°32'N, 69°44'W
About 20 miles west
of Sault-au-Mouton, Que.
H = 17 34 43.9
Mag 3.5
Montreal
P_1 17 35 55.7
S_1 17 36 50.2
D = 448 km
Ottawa
S_1 17 37 24
D = 573 km
Seven Falls
P_1 17 35 13
S_1 17 35 34.5
D = 177 km

Shawinigan Falls
P_1 17 35 34.1
S_1 17 36 13.5
D = 318 km

SEPTEMBER 11
48° 32'N, 69° 44'W
About 20 miles west of
Sault-au-Mouton, Que.
H = 17 41 16.6
Mag 3.5
Montreal
iP_1 17 42 28.2
iS_1 17 43 22.5
D = 448 km
Ottawa
P_1 17 42 48
S_1 17 43 58.2
D = 573 km
Seven Falls
P_1 17 41 45.5
S_1 17 42 07
D = 177 km
Shawinigan Falls
P_1 17 42 06.7
S_1 17 42 45.5
D = 318 km

SEPTEMBER 11
48°32'N, 69°44'W
About 20 miles west of
Sault-au-Mouton, Que.
H = 17 49 55.6
Mag 3.9
Montreal
iP_1 17 51 07.4
iS_1 17 52 01.5
D = 448 km
Ottawa
P_1 17 51 27.0
S_1 17 52 37
D = 573 km
Seven Falls
iP_1 17 50 24.0
S_1 17 50 45.5
D = 177 km

Shawinigan Falls
P_1 17 50 45.9
S_1 17 51 24.8
D = 318 km

SEPTEMBER 11
U.S.C.G.S.
7 1/2N, 126 1/2E
Near east coast of
Mindanao, Philippine
Islands
H = 18 01 44
Ottawa
eP' 18 20 45

SEPTEMBER 12
U.S.C.G.S.
41S, 78 1/2E
Indian Ocean
H = 05 37 46
Resolute
SS 06 11 14

SEPTEMBER 12
Shawinigan Falls
e(P') 18 20 46

SEPTEMBER 12
Halifax
iP 18 44 51 d
Ottawa
eP 18 48 30
Shawinigan Falls
e(P) 18 47 30

SEPTEMBER 14
About 100 km from
Ottawa, Ont.
H = 13 22 54.7
Mag 2.1
Ottawa
iP_1 13 23 10.5
iS_1 13 23 22.5
L 13 23 27.5

SEPTEMBER 14
U.S.C.G.S.
57N, 121E
Stanovoi Mountains
region, Siberia
H = 14 21 37
Mag 6 1/4 - 6 1/2
Alberni
eP 14 31 57
Halifax
eP 14 33 44 c
iS 14 43 47
Horseshoe Bay
eP 14 31 59 (d)
eS 14 40 25
Ottawa
eP 14 33 35
PP 14 36 39
PPP 14 38 21
S 14 43 25
S_cS 14 43 52
PS 14 44 22
SS 14 48 34
SSS 14 51 50
G 14 54 10
P'P' 15 00.7
Resolute
iP 14 30 10 (c)
P_cP 14 31 42
PP 14 32 04
iS 14 37 00
SS 14 40 12
L 14 40 37
Seven Falls
eP 14 33 28 d
i 14 34 42
PP 14 36 37
S 14 43 13
SS 14 47 47
G 14 54 15
Shawinigan Falls
eP 14 33 32
P'P' 15 00 45
Victoria
eP 14 32 04
i 14 32 07 c
eS 14 40 33

DOMINION OBSERVATORIES

SEPTEMBER 14
U.S.C.G.S.
31N, 133E
Off east coast of
Kyushu, Japan
H= 19 42 13
Horseshoe Bay
eP 19 54 08
Resolute
iP 19 53 20
i 19 53 34
Victoria
eP 19 54 12

SEPTEMBER 14
U.S.C.G.S.
7S, 68E
Chagos Archipelago
region
H = 21 31 55
Resolute
PS 22 00 50
SS 22 07 03
eL 22 17 -
G 22 18 -

SEPTEMBER 15
Resolute
e 05 32 -
e 05 38 -
e 05 39 -

SEPTEMBER 15
U.S.C.G.S.
8 1/2N, 103 1/2W
Pacific Ocean
H = 05 36 18
h = 100 km
Ottawa
eP 05 44 18
Resolute
eS 05 55 51
SSS 06 03 24
P'P' 06 14 32
P'P 06 15 46
Shawinigan Falls
iP 05 44 37 d

SEPTEMBER 15
47°42'N, 124°36'W
Off coast of Washington
H = 14 25 42
Mag 2.6
Alberni
eP 13 25 58.0
iS 13 26 14
D = 172 km
Horseshoe Bay
eP 14 26 02.3
iP 14 26 04.2
iS 14 27 23.5
iS 14 27 28.1
D = 198 km or 206 km
Victoria
iP 14 25 50.4
iS 14 25 57.1
iS 14 26 05.6
D = 124 km

SEPTEMBER 15
U.S.C.G.S.
33S, 179W
Kermadec Islands region
H = 16 48 10
Ottawa
eP' 17 07 05

SEPTEMBER 15
U.S.C.G.S.
52N, 156 1/2E
Near west coast of
Kamchatka
H = 19 01 38
Ottawa
iP 19 13 07
Shawinigan Falls
eP 19 13 07

SEPTEMBER 15
U.S.C.G.S.
2 1/2N, 120 1/2E
Celebes Sea
H = 19 45 40
h = 600 km
Mag 6 - 6 1/4
Alberni
eP 19 58 45
ePP 20 03 00
Halifax
iP' 20 03 52 d
ipP' 20 06 18 c
iPKS 20 07 05
pPP 20 08 39
SKS 20 10.8
PPS 20 18.7
Horseshoe Bay
eP 19 58 47
ePP 20 02 57
eS 20 08 24
ePS 20 11 21
ePPS 20 12 43
Ottawa
eP' 20 03 32
i 20 03 46
PP 20 05 25
iSKP 20 06 06
PKS 20 07 12
SKS 20 09 25
SKKS 20 10 50
e 20 13 45
PS 20 15 46
sPS 20 18 20
SS 20 22 06
SSS 20 26 34
Seven Falls
eP' 20 03 36
i 20 03 45
PP 20 05 22
SKP 20 06 05
PKS 20 07 07
sPS 20 18 53
SS 20 22 04
sSS 20 25 49
SSS 20 26 54

Shawinigan Falls
eP' 20 03 19
i 20 03 45
PP 20 05 23
SKP 20 06 05
PKS 20 07 11
pPP 20 07 46
PPP 20 08 46
PS 20 15 48
Victoria
eP 19 58 48 d
e 20 02 58
e 20 05 10
e 20 06 19
iS 20 11 26

SEPTEMBER 16
Alberni
eP 01 35 15.0
D = 243 km
Horseshoe Bay
iP 01 35 02.4
iS 01 35 20.5
D = 148 km
Victoria
eP 01 34 51.5
eS 01 35 02.0
D = 80 km

SEPTEMBER 16
U.S.C.G.S.
61N, 136 1/2E
Eastern Siberia
H = 03 52 52
Alberni
eP 04 02 08
Horseshoe Bay
eP 04 02 09
Ottawa
eP 04 04 12
Resolute
eP 04 00 33
Victoria
eP 04 02 15

SEPTEMBER 16
U.S.C.G.S.
22S, 175W
Tonga Islands
H = 12 45 23
Resolute
eL 13 37 -

SEPTEMBER 16
U.S.C.G.S.
34 1/2N, 59 1/2E
Eastern Iran
H = 14 22 30
Resolute
e 14 41 -
e 14 50 -

SEPTEMBER 16
Resolute
e 23 08 36
e 23 09 05

SEPTEMBER 17
Resolute
e 00 32 08
e 00 33 06

SEPTEMBER 17
U.S.C.G.S.
48 1/2N, 155E
Kurile Islands
H = 12 23 50
Ottawa
iP 12 35 44 d
Resolute
eS 12 39 28
eL 12 45 -
Shawinigan Falls
iP 12 35 45 d

SEPTEMBER 18
U.S.C.G.S.
1/2N, 30W
Mid-Atlantic Ocean
H = 14 41 40
Ottawa
eP 14 51 50
Resolute
iP 14 54 21
eS 15 04 25
SS 15 09 31
L 15 16.0
Shawinigan Falls
eP 14 51 45

SEPTEMBER 18
Resolute
iP 21 04 11
e 21 04 30
e 21 12 47
e 21 20 -

SEPTEMBER 18
U.S.C.G.S.
9 1/2S, 80W
Off coast of Peru
H = 21 24 42
Ottawa
eP 21 34 12 c
Resolute
SS 21 54 08
Seven Falls
iP 21 34 28 d
Shawinigan Falls
eP 21 34 22

SEPTEMBER 19
47.9°N, 122.7°W
North end of Puget Sound
H = 02 18 36
Mag 3.1
Alberni
eP 02 19 10.0
eS 02 19 36
D = 232 km

Horseshoe Bay
iP 02 19 02.1
iS 02 19 23.5
D = 178 km
Victoria
iP 02 18 49.4
iS 02 19 01.0
D = 95 km

SEPTEMBER 19
Ottawa
iP 23 19 11 d
Seven Falls
eP 23 19 21

SEPTEMBER 20
U.S.C.G.S.
20 1/2N, 105E
North Vietnam
H = 05 17 23
Resolute
eS 05 40 32
eL 05 56

SEPTEMBER 20
U.S.C.G.S.
15 1/2N, 46W
Atlantic Ocean
H = 10 34 00
Halifax
eSS 10 47.9
Ottawa
eP 10 41 28 c
Resolute
eS 10 53 25
eL 11 00 25
Seven Falls
eP 10 41 18
Shawinigan Falls
iP 10 41 19 c

SEPTEMBER 20
Resolute
e 12 35 12

SEPTEMBER 20
U.S.C.G.S.
6 1/2S, 154 1/2E
Solmon Islands
H = 17 09 24
Alberni
eL 17 50.7
Halifax
iP' 17 28 35 c
ePKS 17 31 54
ePPS 17 42 40
eL 18 06.6
Horseshoe Bay
eL 17 53.0
Ottawa
iP' 17 28 21 c
i 17 29 10
PP 17 30 10
Seven Falls
iP' 17 28 25 c
SKKS 17 37 04
Shawinigan Falls
eP' 17 28 20 c
PP 17 30 11
Victoria
eL 17 50.2

SEPTEMBER 20
U.S.C.G.S.
About 400 miles south of Fiji Islands
H = 17 18 43
Ottawa
eP' 17 37 28
e 17 38 21
Resolute
i 17 45 10 (c)
Seven Falls
eP' 17 37 32

SEPTEMBER 21
U.S.C.G.S.
38N, 142E
Honshu, Japan
H = 05 45 10
Ottawa
eP 05 58 13 d
Resolute
iP 05 55 28 c
eS 06 03 40
SS 06 07 42
L 06 09.5
Shawinigan Falls
eP 05 58 12 d

SEPTEMBER 21
West of Alberni
Mag 2.3
Alberni
eP 06 48 12.3
Horseshoe Bay
eP 06 48 33.7

SEPTEMBER 21
U.S.C.G.S.
15S, 174W
Samoa Islands region
H = 13 29 03
h = 150 km
Resolute
SKS 13 53 18
S 13 54 16
SPP 13 56 44
sSS 14 02 12

SEPTEMBER 21
Resolute
iP 22 38 30 (d)
i 22 41 39
e 22 42 29

SEPTEMBER 21
Resolute
e 23 12 28
e 23 15
e 23 16 38
e 23 18 00

SEPTEMBER 22
Resolute
e 06 16 04
e 06 18 40
e 06 21 27

SEPTEMBER 22
U.S.C.G.S.
6S, 110E
Off north coast of
Java
H = 07 00 14
h = 600 km
Shawinigan Falls
eP' 07 18 43

SEPTEMBER 22
U.S.C.G.S.
27 1/2N, 140 E
Bonin Islands
H = 08 37 27
h = 500 km
Alberni
eP 08 48 14 (d)
Horseshoe Bay
eP 08 48 19
Resolute
iP 08 48 08 c
G 09 05.8
Victoria
eP 08 48 20 d

SEPTEMBER 22
U.S.C.G.S.
1 1/2S, 77W
Ecuador
H = 11 32 54
h = 200 km
Ottawa
eP 11 41 08
Seven Falls
eP 11 41 24
Shawinigan Falls
eP 11 41 19

SEPTEMBER 22
U.S.C.G.S.
33 1/2S, 177 1/2W
Kermadec Islands
region
H = 19 05 44
Mag 6 3/4

Halifax
iP' 19 24 54 c
i 19 25 06 c
ePP 19 27 02
i 19 28 14
iPKS 19 28 27
ePS 19 37 02
ePPS 19 38 46
eSS 19 43 52
eL 20 07.7
Horseshoe Bay
eP 19 19 12
Ottawa
eP' 19 24 36 c
i 19 24 49
PP 19 26 08
SKS 19 31 35
SKKS 19 33 02
PKKP 19 34 42
PS 19 35 40
PPS 19 37 40
SS 19 42 44
Resolute
iP 19 24 36 d
PP 19 26 04
SKS 19 31 24
SKKS 19 32 55
S 19 34 00
PS 19 36 00
SS 19 42 20
Seven Falls
eP' 19 24 44 c
i 19 24 57
PP 19 26 32
PKS 19 27 59
PPP 19 28 46
SKS 19 31 46
SKKS 19 33 12
PKKP 19 34 27
PS 19 36 23
SS 19 43 43
G 19 53 22
Shawinigan Falls
eP' 19 24 41
i 19 24 53
PKKP 19 34 33
Victoria
eP 19 19 09

SEPTEMBER 22
Canadian Arctic
H = 20 08 07
Mag 2.0
Resolute
iP_1 20 08 26
iS_1 20 08 45
D = 156 km

SEPTEMBER 22
U.S.C.G.S.
42N, 142E
Hokkaido Japan
H = 20 08 40
Ottawa
eP 20 21 24
Resolute
iP 20 18 32 (c)

SEPTEMBER 22
U.S.C.G.S.
16 1/2S, 168 1/2E
New Hebrides Islands
H = 22 51 44
Resolute
eL 23 40 25

SEPTEMBER
U.S.C.G.S.
40 1/2N, 125 1/2W
Northern California
H = 03 50 06
Mag 5 - 5 1/4
Ottawa
eP 03 57 14
Resolute
iP 03 57 23 d
e 04 06 28

SEPTEMBER 24
U.S.C.G.S.
59 1/4N, 143 1/2W
Gulf of Alaska
H = 03 44 14
Mag 6 1/4

DOMINION OBSERVATORIES

Alberni
eP 03 47 51
eS 03 51 02
Halifax
eP 03 52 55
eS 03 59 48
ePPS 04 00 10
eSS 04 03 42
eL 04 05.7
Horseshoe Bay
eP 03 47 55
i 03 48 15
e 03 50 28
Ottawa
eP 03 52 06
PP 03 53 44
e 03 54 08
S 03 58 38
e 03 59 11
SS 04 01 30
S_cS 04 02 18
L 04 03.4
e 04 05 16
Resolute
iP 03 49 28 (c)
i 03 49 56
S 03 53 40
L 03 54.3
Saskatoon
eP 03 49 21 (d)
eS 03 53 33
Seven Falls
eP 03 52 18
i 03 52 43
PP 03 54 02
P_cP 03 54 14
e 03 54 28
S 03 58 43
e 04 00 03
e 04 01 10
S_cS 04 02 14
L 04 03.9
e 04 05 28
Shawinigan Falls
eP 03 52 09
e 03 54 09
Victoria
eP 03 48 00
i 03 48 19 c
e 03 50 11
eS 03 50 36

SEPTEMBER 24
U.S.C.G.S.
Central Chile
H = 13 53 05
Ottawa
eP 14 05 10
Shawinigan Falls
eP 14 05 15

SEPTEMBER 24
Canadian Arctic
H = 15 34 40.3
Mag 2.0
Resolute
iP_1 15 35 02
iS_1 15 35 18.5
D = 135 km

SEPTEMBER 25
U.S.C.G.S.
36 1/2N, 70E
Hindu Kush
H = 06 54 00
h = 200 km
Resolute
iP 07 04 45 (d)

SEPTEMBER 25
U.S.C.G.S.
9N, 39 1/2W
Atlantic Ocean
H = 07 20 01
Mag 6 1/2
Alberni
eP 07 32 20
Halifax
eP 07 27 57 c
iP 07 27 59 d
iPP 07 29 33 c
e 07 32 37
iS 07 34 11
i 07 34 25
iSS 07 37 29
Horseshoe Bay
eP 07 32 12

Ottawa
eP 07 28 46
i 07 29 11
P_cP 07 30 13
S 07 35 54
SS 07 39 20
G 07 39 52
L 07 40.3
Resolute
iP 07 31 36
iS 07 41 06
SS 07 45 38
SSS 07 49 04
Saskatoon
eP 07 31 20
eS 07 40 21
Seven Falls
eP 07 28 35
i 07 28 44
e 07 29 17
e 07 29 35
PPP 07 31 09
S 07 35 26
PS 07 35 38
e 07 36 15
i 07 37 14
S_cS 07 38 23
SS 07 39 09
SSS 07 40 04
Shawinigan Falls
eP 07 28 39
i 07 29 04
P_cP 07 30 01
PP 07 30 31
PPP 07 31 17
e 07 31 36
S 07 35 21
Victoria
eP 07 32 12

SEPTEMBER 25
U.S.C.G.S.
19 1/2N, 66W
Off north coast of
Puerto Rico
H = 07 55 25
Ottawa
eP 08 01 15
i 08 02 08
e 08 06 18

SEPTEMBER 25
U.S.C.G.S.
36S, 98W
Pacific Ocean
H = 20 24 44
Ottawa
eP 20 37 17
Resolute
eS 20 51 36
SS 20 59 28
G 21 10.5
Seven Falls
eP 20 37 31
Shawinigan Falls
eP 20 37 26

SEPTEMBER 25
Ottawa
eP 22 46 12

SEPTEMBER 25
Resolute
e 23 39 -
e 23 47 -
e 00 05 30
e 00 08 -

SEPTEMBER 26
U.S.C.G.S.
50 1/2N, 175W
Andreanof Islands,
Aleutian Islands
H = 18 10 28
Ottawa
eP 18 20 50 d
Resolute
PP 18 19 35
eS 18 24 13
L 18 28.5
Seven Falls
eP 18 21 00
Shawinigan Falls
eP 18 20 52

SEPTEMBER 27
Shawinigan Falls
iP 05 59 30

SEPTEMBER 27
U.S.C.G.S.
9S, 106E
Off south coast of
Java,
H = 07 36 07
Ottawa
eP' 07 55 40 d
Resolute
SKS 08 01 30
PS 08 05 16
SS 08 11 28
Seven Falls
eP' 07 55 42
Shawinigan Falls
eP' 07 55 41

SEPTEMBER 27
U.S.C.G.S.
37N, 141 1/2E
Near coast of Honshu
Japan
H = 12 37 07
Resolute
iP 12 47 33
eS 12 55 56
eL 13 20.3

SEPTEMBER 27
U.S.C.G.S.
15S, 174W
Samoa Islands region
H = 13 55 02
h = 150 km
Resolute
eS 14 20 14

SEPTEMBER 28
Horseshoe Bay
eP 07 37 59 c

SEPTEMBER 29
U.S.C.G.S.
16 1/2S, 173W
Tonga Islands region
H = 00 03 46
Resolute
eL 00 45 -

SEPTEMBER 29
48°23'N, 69°16'W
In the St. Lawrence
River about 20 miles
north of Trois Pistoles,
Quebec
H = 10 45 29
Mag 3.8
Montreal
iS_1 10 47 38.5
D = 462 km
Ottawa
iS_1 10 48 15
D = 594 km
Seven Falls
eP_1 10 45 58.8
iS_1 10 46 21.3
D = 184 km
Shawinigan Falls
eS_1 10 47 06
D = 335 km

SEPTEMBER 29
U.S.C.G.S.
39 1/2N, 143 1/2E
Off northeast coast of
Honshu, Japan
H = 14 17 11
Resolute
iP 14 27 16
eS 14 35 31
S_cS 14 37 16
L 14 22 -

SEPTEMBER 29
U.S.C.G.S.
39N, 143E
Honshu-aftershock
H = 15 15 44
Resolute
eP 15 25 51
eL 15 44 -

SEPTEMBER 30
45°11'N, 73°44'W
About ten miles
south east of Beauharnois,
Quebec
Felt at Montreal and
north to Ste-Julienne, Que.
H = 00 13 58.4
h = 20.5 km
Mag 3.7
Montreal
iP_1 00 14 05.0
iS_1 00 14 10.0
D = 35 km
Ottawa
iP_n 00 14 23.0
iP_1 00 14 24.5
iS_n 00 14 41.7
iS_1 00 14 44
D = 158 km
Seven Falls
eP_n 00 14 44.1 ?
eP_1 00 14 51 ?
iS_n 00 15 18 ?
iS_1 00 15 26 ?
D = 310 km
Shawinigan Falls
iP_n 00 14 25.2
eP_1 00 14 27.1
iS_n 00 14 45.7
eS_1 00 14 47.9
D = 169 km

SEPTEMBER 30
U.S.C.G.S.
3 1/2N, 128E
Molucca Passage
H = 07 08 37
Resolute
eP 07 22 16 c
e(P) 07 22 28
eS 07 33 44
PS 07 34 40
SS 07 40 30
G 07 49 -

SEPTEMBER 30
Resolute
iP 08 53 37 d

SEPTEMBER 30
U.S.C.G.S.
3N, 128E
Molucca Passage
H = 09 18 10
Resolute
e(P) 09 32 03

EARTHQUAKES IN EASTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin. Contrary to general policy some quarry blasts are included herein. This occurs because the pertinent sections of the text were already in press when the source was definitely identified.

JULY 9 at 20 22 16 U.T. Magnitude 2.8 Epicentre at 45°45'N; 71°48'W. Blast at an asbestos mine in the province of Quebec.

JULY 13 at 21 32 48 U.T. Magnitude 2.4 Epicentre at 46°10'N; 76°23'W. About ten miles north of Lake Dumont, Quebec.

JULY 18 at 23 56 27 U.T. Magnitude 3.2 Epicentre at 46°42'N; 71°24'W. In the St. Lawrence River about 15 miles above Quebec City, Quebec.

JULY 22 at 01 46 40.2 U.T. Magnitude 4.3 Epicentre at 43°00'N; 79°30'W. About 15 miles west of Welland, Ontario.

JULY 24 at 19 22 40 U.T. Magnitude 2.8 Epicentre at 44°49'N; 72°29'W. In northern Vermont about ten miles southeast of Richmond Vt. This could be a blast from a mining operation.

JULY 25 at 03 45 11 U.T. Magnitude 3.8 Epicentre at 46°34'N; 75°48'W. In the Gatineau River Valley about 15 miles north of Maniwaki, Que.

JULY 27 at 08 58 00 U.T. Magnitude 3.0 Epicentre at 47°19'N; 70°18'W. In the Saint Lawrence River south of Ile aux Coudres, Que.

AUGUST 4 at 20 25 58 U.T. Magnitude 3.9 Epicentre at 43°08'N; 80°00'W. Near Caledonia, Ontario.

AUGUST 8 at 22 15 03 U.T. Magnitude 4.0 Epicentre at 47°56'N; 70°23'W. In an uninhabited region about 30 miles up Riviere Malbaie, Que.

AUGUST 12 at 03 22 12 U.T. Magnitude 3.9 Epicentre at 48°36'N; 69°23'W. About ten miles northwest of Sault-au-Mouton, Que.

AUGUST 17 at 19 08 05 U.T. Magnitude 3.7 Epicentre at 48°31'N; 81°40'W. About 20 miles southeast of Iroquois Falls, Ont. There is an asbestos mine near this position.

AUGUST 22 at 14 25 05 U.T. Magnitude 3.6 Epicentre at 43°00'N; 79°00'W. On the Niagara Peninsula, Ontario.

SEPTEMBER 11 at 17 34 44 U.T. Magnitude 3.5 Epicentre at 48°32'N; 69°44W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 11 at 17 41 17 U.T. Magnitude 3.5 Epicentre at 48°32'N; 69°44'W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 11 at 17 49 56 U.T. Magnitude 3.9 Epicentre at 48°32'N; 69°44'W. About 20 miles west of Sault-au-Mouton, Que.

SEPTEMBER 14 at 13 22 55 U.T. Magnitude 2.1 Centred about 98.5 km from Ottawa, Ontario.

SEPTEMBER 29 at 10 45 29 U.T. Magnitude 3.8 Epicentre at 48°23'N; 69°16'W. In the St. Lawrence River about 20 miles north of Trois Pistoles, Que.

SEPTEMBER 30 at 00 13 58 U.T. Magnitude 3.7 Epicentre at 45°11'N; 73°44'W. The Focushad a depth of about 20 km. About ten miles southeast of Beauharnois, Que. This shock is significant in that it indicates seismic activity within about 25 miles of Montreal, Que.

SEISMOLOGICAL BULLETIN - 1958

EARTHQUAKES IN THE CANADIAN ARCTIC

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin.

JULY 4 at 04 19 29 U.T. Magnitude 2.9 Orignated 400 km from Resolute, N.W.T.

JULY 15 at 02 38 04 U.T. Magnitude 2.7 Originated 300 km from Resolute, N.W.T.

JULY 26 at 03 08 31 U.T. Magnitude 2.0 Originated 87 km from Resolute, N.W.T.

JULY 28 at 03 11 46 U.T. Magnitude 2.0 Originated 88 km from Resolute, N.W.T.

AUGUST 7 at 02 20 50 U.T. Magnitude 3.8 Originated 430 km from Resolute, N.W.T.

AUGUST 10 at 02 14 20 U.T. Magnitude 1.8 Originated 61 km from Resolute, N.W.T.

AUGUST 29 at 12 57 16 U.T. Magnitude 2.8 Originated 420 km from Resolute, N.W.T.

SEPTEMBER 4 at 14 28 02 U.T. Magnitude 0.6 Originated 12.3 km from Resolute, N.W.T.

SEPTEMBER 22 at 20 08 07 U.T. Magnitude 2.0 Originated 156 km from Resolute, N.W.T.

SEPTEMBER 24 at 15 34 40.3 U.T. Magnitude 2.0 Originated 135 km from Resolute, N.W.T.

DOMINION OBSERVATORIES

EARTHQUAKES IN WESTERN CANADA AND ADJACENT AREAS

The following disturbances were recorded during the third quarter of 1958. The times of the observed phases are given at their respective chronological positions in the text of this bulletin.

JULY 3 at 11 11 25 U.T. Magnitude 2.1 Epicentre at 48°47'N; 122°09'W. West of Mount Baker.

JULY 3 at 20 10 45 U.T. Magnitude 2.4 Epicentre at 48°13'N; 123°34'W. South of Victoria.

JULY 4 at 05 56 51 U.T. Magnitude 2.8 Epicentre at 48°06'N; 122°05'W. Northeast of Everett, Washington; felt in Vancouver.

JULY 9 at 17 32 46 U.T. Magnitude 2.4 Epicentre at 48°42'N; 122°17'W. Western Gulf Islands.

JULY 10 at 04 23 20 U.T. Magnitude 3.0 Epicentre at 48.8°N; 122.4°W. Northeast of Bellingham, Washington.

JULY 10 at 14 51 34 U.T. Magnitude 2.4 Epicentre at 48°13'N; 122°33'W. Southeast of Whidbey Island, Washington.

JULY 10 at 19 04 18 U.T. Magnitude 3.0 Epicentre at 47°33'N; 125°52'W. Off coast of Washington.

JULY 10 at 20 06 10 U.T. Magnitude 2.8 Epicentre at 48°52'N; 122°12'W. West of Mount Baker.

JULY 12 at 18 02 59 Magnitude 2.5 Eastern British Columbia.

JULY 13 at 01 41 52 Magnitude 3.1 Epicentre at 47.8°N; 122.3°W. Puget Sound, Washington.

JULY 21 at 05 51 35 Magnitude 2.3 Epicentre at 48.8°N; 122.3°W. Northeast of Bellingham Washington.

JULY 29 at 21 14 17 Magnitude 2.0 Epicentre at 48°43'N; 123°13'W. Gulf Islands.

JULY 31 at 07 22 11 Magnitude 2.5 Epicentre at 48.6°N; 123.1°W. Gulf Islands.

AUGUST 1 at 21 04 23 Magnitude 2.4 Epicentre at 48° 16'N, 124° 58'W. Off coast of Washington, U.S.A.

AUGUST 6 at 00 07 07 Magnitude 1.7 Epicentre at 48°41'N, 124°41'W. Southwest of Vancouver Island.

AUGUST 6 at 04 24 37 and 04 24 41 Magnitude 3.3 Epicentre at 49.5°N; 127.7°W. North of Estevan Point.

AUGUST 8 at 18 04 05 Magnitude 2.7 Epicentre at 48°17'N; 123° 45'W. Strait of Juan de Fuca.

AUGUST 14 at 21 21 42 Magnitude 1.9 Epicentre at 48°33'N; 123° 19'W. Gulf Islands.

AUGUST 23 at 05 26 48 Magnitude 2.4 Epicentre at 48°41'N, 123° 01'W. Gulf Islands.

AUGUST 31 at 06 02 01 Magnitude 3.7. Off coast of Oregon.

AUGUST 31 at 17 33 56 Magnitude 1.6 Epicentre at 48.4°N; 123.6°W. Strait of Juan de Fuca.

SEPTEMBER 5 at 23 28 46 Magnitude 1.9 20 miles from Banff.

SEPTEMBER 11 at 00 35 51 Magnitude 2.5 Epicentre at 48°54'N; 122°09'W. Northwest of Mount Baker.

SEPTEMBER 15 at 14 25 31 Magnitude 2.6 Epicentre at 47°42'N. 124°36'W. Off coast of Washington.

SEPTEMBER 16 at 01 34 35 Magnitude 2.6. North end of Puget Sound.

SEPTEMBER 19 at 02 18 36 Magnitude 3.1 Epicentre at 47.9°N; 122.7°W. North end of Puget Sound.

SEPTEMBER 21 at 06 48 Magnitude 3. West of Alberni.

DOMINION OBSERVATORIES

I. G. Y. MICROSEISMIC BULLETIN

JULY - SEPT - 1958

NOTES

Four stations only have been read,

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

The following instruments are used:

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

* Resolute Columbia Z was altered and recalibrated.

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 1	0	1	0.2	2.5	3	0.2	4.0	...			3	0.6	5.0	Resolute - Seismic
	6	1	0.2	2.5	3	0.2	4.0	...			3	0.5	4.8	Resolute - Seismic
	12	1	0.2	2.0	3	0.3	4.0	1	0.5	4.9	3	0.4	4.8	
	18	1	0.2	3.0	3	0.3	4.0	1	0.9	4.7	3	0.5	4.8	
2	0	1	0.2	3.0	3	0.3	4.0	1	0.8	5.3	3	0.4	4.8	
	6	1	0.2	3.0	3	0.3	4.0	1	0.3	4.6	3	0.3	4.2	
	12	1	0.1	2.0	3	0.3	4.0	1	0.5	4.7	3	0.2	4.2	
	18	1	0.2	2.5	3	0.3	4.0	1	0.4	4.7	3	0.2	4.2	
3	0	1	0.2	2.5	3	0.3	4.0	1	0.3	5.2	3	0.2	4.0	
	6	1	0.3	3.0	3	0.3	4.0	1	0.3	4.6	0,0			
	12	1	0.2	2.7	3	0.3	4.0	1	0.5	4.5	3	0.3	4.5	
	18	1	0.3	3.5	3	0.3	4.0	1	0.4	4.3	3	0.3	4.2	
4	0	1	0.3	3.5	3	0.3	4.0	1	0.3	4.5	...			
	6	1	0.3	3.5	3	0.3	4.0	1	0.3	4.6	0,0			
	12	1	0.3	3.5	3	0.3	4.0	1	0.2	4.4	3	0.3	4.0	
	18	1	0.2	2.5	3	0.3	4.0	1	0.2	3.8	3	0.4	4.2	
5	0	1	0.4	4.0	3	0.3	4.0	1	0.2	4.1	3	0.4	4.5	
	6	1	0.4	4.0	3	0.5	4.0	1	0.3	5.1	3	0.4	4.0	
	12	1	0.2	3.5	3	0.7	5.0	1	0.3	5.9	3	0.5	4.0	
	18	1	0.8	5.0	3	0.7	5.0	1	0.4	5.5	3	0.5	4.5	
6	0	1	0.2	3.0	3	0.6	5.0	1	0.3	5.3	3	0.5	4.5	
	6	1	0.2	3.0	3	0.5	4.0	1	0.3	5.0	3	0.4	4,5	
	12	1	0.4	4.0	3	0.5	4.0	1	0.1	5.4	3	0.5	4.5	
	18	1	0.2	3.5	...			1	0.1	4.9	3	0.5	4.5	Ottawa - no record
7	0	1	0.4	4.0	...			1	0.2	5.2	3	0.5	4.5	
	6	1	0.4	4.0	...			...			3	0.6	4.5	Resolute - seismic

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 7	12	1	0.2	3.5	...			1	0.1	5.2	3	0.6	4.5	
	18	1	0.2	3.5	3	0.2	4.0	...			3	0.6	4.5	Resolute - seismic
8	0	0,0			3	0.2	4.0	1	0.1	4.5	3	0.6	4.8	
	6	0,0			3	0.2	4.0	1	0.1	4.4	3	0.6	5.0	
	12	1	0.2	3.5	3	0.2	4.0	1	0.1	3.9	3	0.5	5.0	
	18	0,0			3	0.2	4.0	...			3	0.5	5.0	
9	0	0,0			3	0.1	2.7	...			3	0.4	4.8	Resolute - seismic
	6	0,0			3	0.1	2.9	1	0.1	4.3	0,0			
	12	3	0.2	2.5	3	0.2	3.0	1	0.1	4.8	0,0			
	18	1	0.3	3.0	3	0.2	3.0	...			0,0			Resolute - instrument dead
10	0	1	0.2	3.0	3	0.2	3.0	...			3	0.4	4.8	
	6	0,0			3	0.2	3.0	...			...			Victoria - seismic
	12	1	0.2	3.0	3	0.2	3.0	...			...			
	18	1	0.2	2.8	3	0.1	3.0	...			3	0.4	4.8	
11	0	1	0.1	3.0	3	0.1	3.0	...			3	0.5	4.8	
	6	0,0			3	0.1	3.0	...			0,0			
	12	0,0			3	0.1	3.0	...			0,0			
	18	0,0			3	0.1	3.0	...			3	0.5	4.0	
12	0	0,0			3	0.1	3.0	...			3	0.3	4.0	
	6	0,0			3	0.1	3.0	...			3	0.3	4.0	
	12	0,0			3	0.1	3.0	...			3	0.5	4.0	
	18	0,0			3	0.1	3.0	...			2	0.6	4.2	
13	0	1	0.2	2.5	3	0.1	3.0	...			2	0.6	4.2	
	6	1	0.2	2.7	3	0.1	3.0	...			2	0.7	4.5	
	12	0,0			3	0.1	3.0	...			2	0.6	4.2	
	18	3	0.2	3.0	3	0.1	3.0	...			3	0.5	4.0	
14	0	3	0.2	3.0	3	0.1	3.0	...			3	0.5	4.0	Resolute - seismic

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 14	6	1	0.2	3.0	3	0.1	3.0	...			3	0.3	4.2	
	12	1	0.2	3.0	3	0.2	3.2	1	0.2	6.1	3	0.3	4.2	
	18	1	0.2	3.0	3	0.2	3.2	1	0.2	5.4	3	0.3	4.0	
15	0	1		3.0	3	0.2	3.2	1	0.2	5.6	3	0.2	4.0	
	6	1	0.1	3.0	3	0.2	3.2	1	0.2	5.8	3	0.2	4.0	
	12	1	0.2	3.5	3	0.2	3.2	1	0.2	5.6	3	0.2	4.0	
	18	1	0.1	3.0	3	0.2	3.2	1	0.3	4.7	3	0.4	4.0	
16	0	1	0.1	3.0	3	0.2	3.0	1	0.4	4.5	3	0.3	4.0	International day
	1	1	0.1	3.0	3	0.2	4.0	...			3	0.4	4.5	Resolute - seismic
	2	1	0.2	3.0	3	0.2	4.0	1	0.4	4.7	3	0.3	4.5	
	3	0,0			3	0.2	4.0	1	0.4	4.8	3	0.3	4.5	
	4	0,0			3	0.2	4.0	1	0.4	4.4	3	0.4	4.5	
	5	0,0			3	0.2	4.0	...			3	0.3	4.5	Resolute - seismic
	6	0,0			3	0.2	4.0	1	0.3	4.8	3	0.2	4.0	
	7	0,0			3	0.2	4.0	1	0.4	4.6	3	0.3	4.5	
	8	0,0			3	0.2	4.0	1	0.5	4.5	3	0.3	4.5	
	9	0,0			3	0.2	4.0	1	0.4	4.9	3	0.4	4.5	
	10	0,0			3	0.2	4.0	1	0.4	4.7	3	0.5	4.5	
	11	0,0			3	0.2	4.0	1	0.4	4.6	3	0.4	4.2	
	12	0,0			3	0.2	4.0	1	0.4	5.0	3	0.5	4.5	
	13	0,0			3	0.2	4.0	1	0.4	5.2	3	0.3	4.5	
	14	0,0			3	0.2	4.0	...			3	0.3	4.5	Resolute - seismic
	15	0,0			3	0.2	4.0	...			3	0.3	4.5	
	16	0,0			3	0.2	4.0	1	0.4	5.2	3	0.4	4.2	
	17	...			3	0.2	4.0	...			3	0.3	4.2	Resolute - paper off
	18	0,0			3	0.2	4.0	...			3	0.3	4.0	
	19	0,0			3	0.2	4.0	1	0.4	5.5	...			Victoria - no record

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 16	20	3	0.1	3.0	3	0.2	4.0	1	0.4	5.2	3	0.4	4.0	
	21	3	0.1	2.7	3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	
	22	3	0.1	3.0	3	0.2	4.0	1	0.4	5.5	3	0.3	4.0	
	23	0,0			3	0.2	4.0	1	0.3	5.3	3	0.3	4.0	
17	0	0,0			3	0.2	4.0	1	0.3	5.6	3	0.3	4.0	International day
	1	3	0.2	3.1	3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	
	2	0,0			3	0.2	4.0	1	0.3	5.2	3	0.4	4.0	
	3	0,0			3	0.2	4.0	1	0.3	5.2	3	0.2	4.0	
	4	0,0			3	0.2	4.0	1	0.3	5.5	3	0.3	4.0	
	5	0,0			3	0.2	4.0	1	0.3	5.2	3	0.3	4.0	
	6	0,0			3	0.2	4.0	...			3	0.3	4.0	Resolute - seismic
	7	0,0			3	0.2	4.0	1	0.3	5.4	3	0.3	4.0	
	8	0,0			3	0.2	4.0	1	0.3	4.9	3	0.3	4.0	
	9	0,0			3	0.2	4.0	1	0.3	5.1	3	0.3	4.0	
	10	0,0			3	0.2	4.0	1	0.3	5.0	3	0.3	4.0	
	11	0,0			3	0.2	4.0	1	0.3	5.8	0,0			
	12	0,0			3	0.2	4.0	1	0.3	5.1	3	0.2	4.0	
	13	0,0			3	0.2	4.0	1	0.3	4.9	3	0.2	4.0	
	14	3	0.2	2.5	3	0.2	4.0	...			...			Resolute, Victoria - seismic
	15	3	0.2	2.5	3	0.2	4.0	...			3	0.2	4.0	Resolute,- seismic
	16	1	0.2	2.5	3	0.2	4.0	...			3	0.3	4.2	Resolute - paper off
	17	...			3	0.2	4.0	1	0.3	5.8	...			Victoria - seismic
	18	1	0.2	2.5	3	0.2	3.5	1	0.3	5.8	3	0.3	4.0	
	19	1	0.4	3.0	3	0.2	3.5	1	0.3	6.2	...			Victoria - seismic
	20	1	0.3	2.6	3	0.2	3.5	...			...			
	21	1	0.4	3.0	3	0.2	3.5	...			3	0.2	4.0	
	22	1	0.4	3.0	3	0.2	3.5	...			...			Victoria - seismic

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 17	23	1	0.6	3.0	3	0.3	3.5	...			3	0.2	4.0	
18	0	1	0.4	3.0	3	0.3	3.5	...			3	0.2	4.0	
	6	1	0.4	3.0	3	0.3	4.0	1	0.3	5.5	3	0.3	4.5	
	12	1	0.4	3.2	3	0.6	4.0	1	0.3	5.3	3	0.4	4.0	
	18	1	0.9	4.0	3	1.0	4.6	1	0.4	4.9	3	0.5	4.5	
19	0	1	1.0	4.2	3	1.3	4.7	1	0.6	5.4	3	0.5	4.5	
	6	1	1.2	4.5	3	1.2	4.8	3	1.0	5.5	3	0.5	4.5	
	12	1	1.7	5.0	3	1.4	5.0	3	1.0	5.8	3	0.6	4.5	
	18	1	1.7	5.0	3	1.0	5.0	...			3	0.6	4.5	Resolute - seismic
20	0	1	0.7	4.5	3	1.0	5.0	3	1.0	5.8	3	0.7	4.5	
	6	1	0.1	2.0	3	0.9	5.0	3	0.9	5.9	3	0.7	5.0	
	12	1	0.3	2.6	3	0.9	5.0	3	0.8	5.8	3	0.8	5.5	
	18	1	0.5	3.0	3	0.5	4.0	1	0.6	5.6	3	0.9	5.5	
21	0	1	0.5	3.0	3	0.5	4.0	1	0.5	5.4	3	0.7	5.5	
	6	1	0.6	3.0	3	0.5	4.0	1	0.5	5.4	3	0.5	5.2	
	12	1	0.5	3.1	3	0.5	4.0	1	0.4	5.0	3	0.5	5.0	
	18	1	0.6	3.0	3	0.5	4.0	1	0.4	5.3	3	0.5	5.0	
22	0	1	0.4	3.0	3	0.6	4.4	1	0.4	5.0	3	0.4	4.5	
	6	1	0.6	3.6	3	0.6	4.4	...			3	0.4	4.2	Resolute - seismic
	12	1	0.7	4.2	3	0.5	4.6	1	0.3	5.0	3	0.6	4.5	
	18	1	1.2	4.5	3	0.6	4.6	1	0.2	5.2	3	0.7	4.0	
23	0	1	0.6	4.5	3	0.6	4.6	1	0.2	4.7	3	0.7	4.5	
	6	1	0.6	4.5	3	0.6	4.6	1	0.2	5.4	3	0.8	4.5	
	12	1	0.6	4.5	3	0.6	4.6	...			...			Resolute Victoria - seismic
	18	1	0.6	4.5	3	0.6	4.6	1	0.3	5.6	3	0.8	4.2	
24	0	1	0.6	4.5	3	0.6	4.5	1	0.3	5.6	3	0.6	4.2	
	6	1	0.8	5.0	3	0.6	4.6	1	0.3	5.5	3	0.4	4.2	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 24	12	1	0.4	4.0	3	0.6	4.6	1	0.3	5.0	3	0.4	4.0	
	18	0,0			3	0.3	4.6	1	0.3	5.6	3	0.4	4.0	
25	0	3	0.5	5.0	3	0.4	4.6	1	0.2	5.8	3	0.4	4.0	
	6	3	0.2	2.5	3	0.4	4.6	1	0.2	5.8	3	0.4	4.0	
	12	3	0.2	2.5	3	0.3	4.6	1	0.2	5.3	3	0.4	4.0	
	18	3	0.2	3.0	3	0.4	4.6	1	0.2	5.7	3	0.3	4.0	
26	0	3	0.2	3.0	3	0.4	4.6	1	0.2	5.8	3	0.3	4.0	
	6	3	0.2	3.0	3	0.3	4.0	1	0.1	6.1	3	0.3	4.0	
	12	1	0.3	2.5	3	0.3	4.0	1	0.1	6.0	3	0.4	4.2	
	18	...			...			...			...			Halifax, Ottawa, Resolute, Victoria - seismic International day
27	0	1	0.4	3.0	3	0.3	4.0	1	0.2	5.3	3	0.4	4.0	
	1	1	0.4	3.0	3	0.3	4.0	1	0.2	5.7	3	0.4	4.0	
	2	1	0.4	3.0	3	0.3	4.0	1	0.2	5.3	3	0.4	4.0	
	3	1	0.3	3.0	3	0.3	4.0	1	0.2	5.4	3	0.4	4.2	
	4	1	0.3	3.5	3	0.3	4.0	...			3	0.4	4.2	Resolute - seismic
	5	1	0.4	3.5	3	0.3	4.0	1	0.2	5.6	3	0.3	4.2	
	6	1	0.4	3.3	3	0.3	4.0	1	0.2	5.6	3	0.2	4.2	
	7	1	0.2	2.6	3	0.3	4.0	1	0.2	5.6	3	0.4	4.2	
	8	1	0.3	2.8	3	0.3	4.0	1	0.2	5.6	3	0.3	4.2	
	9	1	0.3	3.0	3	0.3	4.0	1	0.2	5.6	3	0.3	4.2	
	10	1	0.3	3.2	3	0.3	4.0	1	0.2	5.5	3	0.3	4.5	
	11	1	0.4	3.5	3	0.3	4.0	1	0.1	5.1	3	0.4	4.2	
	12	1	0.3	3.5	3	0.3	4.0	1	0.2	5.2	3	0.4	4.2	
	13	1	0.3	3.5	3	0.3	4.0	1	0.2	5.2	3	0.3	4.2	
	14	1	0.2	3.0	3	0.3	4.0	1	0.2	5.4	3	0.4	4.2	
	15	1	0.2	3.0	3	0.3	4.0	1	0.2	5.5	3	0.3	4.2	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
July 27	16	1	0.2	3.0	3	0.3	3.6	...			3	0.4	4.2	Resolute - paper off
	17	1	0.2	3.0	3	0.3	3.8	1	0.2	5.9	3	0.4	4.0	
	18	1	0.2	3.0	3	0.3	3.8	1	0.2	6.1	3	0.4	4.2	
	19	1.	0.3	3.0	3	0.3	3.8	...			3	0.4	4.2	Resolute - seismic
	20	1	0.3	3.2	3	0.3	3.8	...			3	0.4	4.0	Resolute - paper off
	21	1	0.2	3.0	3	0.3	3.7	1	0.1	6.0	3	0.4	4.0	
	22	1	0.2	3.0	3	0.3	3.8	1	0.2	5.4	3	0.4	4.0	
	23	1	0.2	3.5	3	0.2	2.7	1	0.1	6.0	3	0.4	3.5	
28	0	1	0.2	3.0	3	0.2	3.7	1	0.1	6.0	3	0.4	3.5	
	6	1	0.2	3.0	3	0.2	3.7	1	0.2	5.6	3	0.4	4.0	
	12	3	0.1	3.0	3	0.2	3.7	1	0.1	5.7	3	0.4	4.0	
	18	3	0.2	3.0	3	0.2	3.7	...			3	0.4	4.0	Resolute - seismic
29	0	1	0.1	3.0	3	0.2	3.7	1	0.2	6.4	3	0.4	4.2	
	6	0,0			3	0.2	3.2	1	0.1	6.5	3	0.4	4.2	
	12	0,0			3	0.2	3.2	...			3	0.5	4.5	Resolute - seismic
	18	3	0.2	3.0	3	0.2	3.0	1	0.1	6.3	3	0.4	4.0	
30	0	2	0.3	2.6	3	0.2	3.0	0,0			3	0.4	4.0	
	6	2	0.5	2.8	3	0.3	3.0	...			3	0.4	4.5	Resolute - seismic
	12	1	0.4	3.0	3	0.3	3.0	1	0.4	3.8	3	0.4	4.5	
	18	3	0.4	2.8	3	0.2	3.0	1	0.6	4.0	3	0.4	4.5	
31	0	3	0.4	2.9	3	0.2	3.0	1	0.6	4.1	3	0.4	4.2	
	6	3	0.3	3.0	3	0.2	3.0	1	0.7	4.0	3	0.4	4.2	
	12	3	0.2	3.0	3	0.3	4.0	1	0.6	4.0	3	0.3	4.5	
	18	1	0.2	3.1	3	0.3	4.0	1	0.6	3.7	0,0	0.4	4.5	
Aug. 1	0	0,0			3	0.3	3.7	1	0.6	4.2	3	0.4	4.5	
	6	0,0			3	0.3	4.0	...			3	0.4	4.5	Resolute - power failure
	12	1	0.2	2.5	3	0.3	4.0	1	0.6	4.2	3	0.4	4.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 1	18	1	0.2	3.0	3	0.6	5.0	1	0.8	5.2	3	0.4	4.5	
2	0	1	0.2	3.0	3	0.9	6.0	1	0.9	5.7	3	0.4	5.0	
	6	1	0.7	5.0	3	1.1	6.0	1	1.1	5.8	3	0.4	5.0	
	12	1	1.3	5.5	3	1.6	6.0	1	0.8	6.3	3	0.4	5.0	
	18	1	1.3	5.5	3	1.6	6.0	1	1.1	5.9	3	0.4	4.5	
3	0	1	0.8	5.0	3	1.6	6.0	1	0.7	5.9	3	0.4	4.5	
	6	1	0.7	5.0	3	1.0	5.5	1	0.6	5.9	3	0.4	4.5	
	12	1	0.6	5.5	3	0.8	5.6	1	0.5	5.8	3	0.4	4.5	
	18	1	0.5	4.5	3	0.7	5.0	1	0.5	5.8	3	0.4	4.5	
4	0	1	0.7	5.0	3	0.7	5.0	1	0.5	5.3	3	0.4	4.5	
	6	1	0.7	5.0	3	0.6	4.8	1	0.4	5.3	3	0.4	4.5	
	12	1	0.5	4.5	3	0.4	4.8	1	0.3	5.2	3	0.4	4.5	
	18	1	0.4	4.5		0.4	4.8	1	0.3	5.1	3	0.4	4.5	
5	0	1	0.3	4.0		0.4	4.5	1	0.2	4.8	3	0.4	4.5	
	6	1	0.1	2.0		0.3	4.3	1	0.2	5.9	3	0.4	4.5	
	12	1	0.2	2.2		0.2	3.9	1	0.2	5.8	3	0.4	4.5	
	18	1	0.2	2.5		0.2	3.8	1	0.2	5.1	3	0.4	4.5	
6	0	1	0.3	2.5		0.2	3.8	1	0.1	5.4	3	0.4	4.5	
	6	1	0.2	2.5		0.2	3.7	1	0.2	5.4	3	0.5	4.5	
	12	1	0.2	3.0		0.2	4.0	1	0.1	5.6	3	0.5	4.5	
	18	1	0.2	3.0		0.2	4.0	1	0.2	5.0	3	0.6	5.0	
7	0	1	0.3	3.3		0.2	4.0	...			3	0.5	5.0	International day
	1	1	0.4	4.0		0.2	4.0	1	0.2	5.1	3	0.6	5.0	
	2	1	0.4	3.5		0.2	4.0	1	0.2	5.3	3	0.5	5.0	
	3	1	0.6	4.5		0.2	4.0	1	0.2	5.0	3	0.5	5.0	
	4	1	0.7	5.0		0.3	4.0	1	0.3	4.8	3	0.6	5.0	
	5	1	1.0	4.5		0.3	4.0	1	0.3	5.5	3	0.5	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 7	6	1	0.5	4.5		0.3	4.0	1	0.3	5.3	3	0.5	5.0	
	7	1	0.7	4.5		0.4	4.2	1	0.3	5.4	3	0.6	5.0	
	8	1	0.8	5.0		0.4	5.0	1	0.3	5.4	3	0.6	5.0	
	9	1	0.7	4.5		0.4	5.0	1	0.3	5.4	3	0.6	5.0	
	10	1	0.7	4.5		0.4	5.0	1	0.3	5.0	3	0.5	5.0	
	11	1	0.7	4.5		0.4	5.0	1	0.3	5.4	3	0.6	5.0	
	12	1	0.7	4.5	3	0.4	5.0	1	0.3	5.2	3	0.6	5.0	
	13	1	1.1	5.5	3	0.6	5.0	1	0.3	5.1	3	0.6	5.0	
	14	1	0.8	5.0	3	0.6	5.0	1	0.4	5.4	3	0.5	5.0	
	15	1	0.6	4.5	3	0.6	5.0	1	0.3	5.6	3	0.5	5.0	
	16	1	0.6	4.5	3	0.6	5.0	1	0.3	5.2	3	0.6	5.0	
	17	1	0.5	4.0	3	0.6	5.0	1	0.3	5.4	3	0.6	5.0	
	18	1	1.7	5.5	3	0.7	5.0	1	0.3	5.5	3	0.5	5.0	
	19	1	1.0	4.5	3	0.7	5.0	1	0.4	5.4	3	0.6	5.0	
	20	1	1.0	5.0	3	0.8	5.4	1	0.3	5.6	3	0.6	5.0	
	21	1	1.0	5.0	3	0.8	5.5	1	0.3	5.6	3	0.6	5.0	
	22	1	1.3	5.0	3	0.8	5.5	1	0.3	5.6	3	0.6	5.0	
	23	1	1.0	5.0	3	0.8	5.5	1	0.3	5.2	3	0.6	5.0	
8	0	1	1.1	5.5	3	0.7	5.0	1	0.3	5.6	3	0.6	5.0	
	6	1	1.0	5.0	3	0.7	5.0	1	0.2	5.3	3	0.6	5.0	
	12	1	1.0	5.0	3	0.6	5.0	1	0.2	5.2	3	0.6	5.0	
	18	1	1.1	5.4	3	0.6	5.0	1	0.2	5.6	3	0.6	5.0	
9	0	1	0.9	5.5	3	0.6	5.0	1	0.2	5.4	3	0.5	5.0	
	6	3	0.8	5.0	3	0.6	5.0	1	0.2	5.6	3	0.5	5.0	
	12	3	0.1	2.0	3	0.6	5.0	1	0.3	5.4	3	0.4	5.0	
	18	3	0.3	2.7	3	0.2	3.3	1	0.2	6.0	3	0.4	5.0	
10	0	3	0.2	2.7	3	0.2	3.3	1	0.2	5.6	3	0.4	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 10	6	3	0.2	2.2	3	0.2	3.6	1	0.2	5.3	3	0.4	5.0	
	12	3	0.1	2.2	3	0.2	4.0	1	0.1	5.0	3	0.3	4.5	
	18	3	0.2	2.7	3	0.2	4.0	1	0.2	5.1	3	0.3	4.5	
11	0	3	0.4	3.5	3	0.3	4.0	1	0.1	5.5	3	0.3	4.5	
	6	1	0.5	4.0	3	0.6	5.0	1	0.2	5.0	3	0.3	4.5	
	12	3	0.8	5.0	3	0.6	5.0	1	0.3	5.4	3	0.3	4.5	
	18	3	0.6	4.5	3	0.6	5.0	1	0.2	5.6	3	0.3	4.5	
12	0	3	0.4	4.0	3	0.7	5.0	1	0.4	5.6	3	0.3	4.5	International day
	1	1	0.8	5.0	3	1.1	6.0	1	0.4	5.9	3	0.3	4.5	
	2	3	0.8	5.0	3	0.7	5.0	1	0.5	5.5	3	0.3	4.5	
	3	3	0.8	4.7	3	0.8	5.5	1	0.5	5.7	3	0.4	5.0	
	4	3	0.7	4.2	3	0.8	5.0	1	0.5	5.7	3	0.5	5.5	
	5	1	1.1	5.5	3	0.9	6.0	1	0.4	5.9	3	0.5	5.5	
	6	1	1.1	5.5	3	0.9	6.0	1	0.5	5.7	3	0.5	5.5	
	7	1	1.1	5.5	3	0.7	5.0	1	0.5	5.8	3	0.5	5.5	
	8	3	0.6	4.5	3	0.6	5.0	1	0.6	5.5	3	0.5	5.5	
	9	3	0.6	4.5	3	0.6	5.0	1	0.5	5.8	3	0.5	5.5	
	10	1	0.8	5.0	3	0.7	5.0	1	0.6	5.6	3	0.6	5.5	
	11	1	0.8	5.0	3	0.6	5.2	1	0.5	5.8	3	0.5	5.5	
	12	1	1.5	6.0	3	0.8	5.2	1	0.5	5.6	3	0.5	5.5	
	13	1	0.8	5.0	3	0.8	5.2	1	0.5	5.8	3	0.5	5.5	
	14	1	0.8	5.0	3	0.8	5.2	1	0.5	5.7	3	0.5	5.5	
	15	1	0.8	5.0	3	0.8	5.2	1	0.5	5.7	3	0.5	5.5	
	16	1	0.8	5.0	3	0.8	5.2	...			3	0.5	5.5	Resolute - seismic
	17	1	1.1	5.5	3	0.7	5.0	...			3	0.5	5.5	
	18	1	1.0	4.7	3	0.7	5.0	1	0.5	5.7	3	0.4	5.0	
	19	1	0.8	5.0	3	0.7	5.0	1	0.5	5.4	3	0.4	4.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 12	20	1	0.6	4.5	3	0.7	5.0	...			...			Resolute, Victoria -seismic
	21	1	0.8	5.0	3	0.6	5.0	...			...			
	22	1	0.8	5.0	3	0.6	5.0	...			3	0.3	4.5	
	23	1	0.8	5.0	3	0.8	5.3	1	0.4	5.6	3	0.3	4.5	
13	0	1	0.8	5.0	3	0.6	5.3	...			3	0.3	4.5	Resolute - seismic
	6	1	0.8	5.0	3	0.6	5.3	1	0.3	5.6	3	0.3	4.5	
	12	1	0.8	5.0	3	0.6	5.0	1	0.3	5.8	3	0.3	4.5	
	18	1	0.8	5.0	3	0.6	5.0	...			3	0.3	4.5	Resolute - seismic
14	0	2	0.1	2.0	3	0.4	4.3	3	0.2	5.4	3	0.3	4.5	International day
	1	2	0.1	2.0	3	0.2	4.0	3	0.2	5.6	3	0.3	4.5	
	2	2	0.1	2.0	3	0.2	4.0	3	0.2	5.8	3	0.3	4.5	
	3	2	0.1	2.0	3	0.2	4.0	3	0.2	5.7	3	0.3	4.5	
	4	1	0.1	2.0	3	0.2	4.0	3	0.2	5.4	3	0.3	4.5	
	5	1	0.1	2.0	3	0.2	4.0	3	0.1	5.9	3	0.3	4.5	
	6	1	0.1	2.0	3	0.2	4.0	3	0.2	6.0	3	0.3	4.5	
	7	1	0.1	2.0	3	0.2	4.0	3	0.2	4.4	3	0.3	4.5	
	8	1	0.1	2.0	3	0.2	4.0	...			3	0.3	4.5	Resolute - seismic
	9	1	0.1	2.0	3	0.2	4.0	3	0.2	5.4	3	0.3	4.5	
	10	1	0.1	2.0	3	0.2	4.0	3	0.2	5.8	3	0.3	4.5	
	11	1	0.2	2.5	3	0.2	4.0	...			3	0.3	4.5	Resolute - seismic
	12	1	0.2	2.5	3	0.2	4.0	...			3	0.3	4.5	
	13	1	0.1	2.0	3	0.2	4.0	...			3	0.3	4.5	
	14	1	0.1	2.0	3	0.2	4.0	3	0.2	5.0	3	0.3	4.5	
	15	0,0			3	0.2	4.0	...			3	0.3	4.5	Resolute - seismic
	16	0,0			3	0.2	3.5	...			3	0.3	4.5	
	17	1	0.3	3.0	3	0.2	3.5	...			...			Victoria - record disturbed

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 14	18	1	0.3	3.0	3	0.2	3.6	...			...			
	19	0,0			3	0.2	3.6	...			...			
	20	0,0			3	0.2	3.6	1	0.2	4.7	...			
	21	1	0.2	2.5	3	0.2	4.0	1	0.2	5.4	...			
	22	0,0			3	0.2	4.0	1	0.2	4.8	...			
	23	1	0.2	2.8	3	0.2	4.0	1	0.2	4.4	...			
15	0	1	0.3	3.3	3	0.2	4.0	1	0.2	5.0	...			International day
	1	1	0 2	3.0	3	0.2	4.0	1	0.2	4.1	...			
	2	1	0.2	3.0	3	0.2	4.0	1	0.2	4.5	3	0.3	4.5	
	3	1	0.2	3.0	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	4	1	0.3	3.5	3	0.2	4.0	1	0.2	4.9	3	0.3	4.5	
	5	1	0.1	2.7	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	6	1	0.2	3.0	3	0.2	4.0	1	0.2	4.9	3	0.3	4.5	
	7	0,0			3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	8	0,0			3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	9	0,0			3	0.2	4.0	1	0.2	4.3	3	0.3	4.5	
	10	0,0			3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	11	1	0.2	3.0	3	0.2	4.0	1	0.2	4.6	3	0.3	4.5	
	12	1	0.3	3.5	3	0.2	4.0	1	0.2	4.6	...			Victoria - seismic
	13	1	0.1	2.3	3	0.2	4.0	1	0.2	5.0	3	0.3	4.5	
	14	1	0.1	3.0	3	0.2	4.0	1	0.2	5.2	...			Victoria - seismic
	15	1	0.2	2.7	3	0.2	4.0	1	0.2	5.0	...			
	16	1	0.2	2.7	3	0.2	4.0	...			3	0.3	4.5	Resolute - paper off
	17	...			3	0.2	4.0	1	0.2	4.4	...			Victoria - no record
	18	3	0.3	3.5	3	0.2	4.0	1	0.3	4.8	...			
	19	3	0.2	3.5	3	0.2	4.0	1	0.2	4.7	...			
	20	3	0.8	5.0	3	0.2	4.0	...			...			Resolute - seismic

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 15	21	...			3	0.2	4.0	...			...			
	22	3	0.8	5.0	3	0.2	4.0	...			...			
	23	...			3	0.2	4.0	...			...			
16	0	0,0			3	0.2	4.0	...			...			
	6	0,0			3	0.2	4.0	1	0.3	5.4	...			
	12	3	0.1	2.5	3	0.2	4.0	...			...			Resolute - seismic
	18	3	0.2	3.0	3	0.2	4.0	...			3	0.3	4.5	Resolute - paper off
17	0	1	0.2	3.0	3	0.2	4.0	...			3	0.3	4.5	
	6	1	0.2	4.0	3	0.2	4.0	1	0.3	4.6	3	0.3	4.5	
	12	1	0.3	2.5	3	0.2	3.5	...			3	0.4	4.5	Halifax - storm start
	15	1	0.6	2.5										
	18	1	0.8	2.5	3	0.2	3.5	...			3	0.3	4.5	Resolute - paper off
	21	1	0.6	2.5										
18	0	1	0.5	2.5	3	0.2	4.0	...			3	0.3	4.5	
	3	1	0.5	2.5										
	6	1	0.9	3.0	3	0.2	4.0	...			3	0.4	4.5	
	9	1	0.7	3.0										
	12	1	0.7	3.0	3	0.6	5.0	3	0.6	5.8	3	0.4	4.5	Halifax - storm end
	18	1	0.5	3.3	3	0.6	5.0	...			3	0.4	4.5	Resolute - paper off
19	0	1	0.5	3.0	3	0.5	4.0	...			3	0.4	4.5	
	6	1	0.2	2.0	3	0.5	4.0	...			3	0.2	4.5	
	12	1	0.4	2.5	3	0.2	3.0	3	0.4	5.8	3	0.2	4.5	
	18	1	0.7	3.0	3	0.2	3.5	...			3	0.2	4.5	Resolute - paper off
20	0	1	0.7	3.0	3	0.2	4.0	...			3	0.2	4.5	
	6	1	0.8	3.2	3	0.2	4.0	...			3	0.3	4.5	
	12	1	0.6	3.5	3	0.2	4.0	1	0.3	5.3	3	0.4	4.5	
	18	1	0.4	3.5	3	0.4	4.4	1	0.3	5.1	3	0.4	4.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 21	0	1	0.4	4.0	3	0.4	4.4	3	0.2	5.2	3	0.4	4.5	
	6	1	0.4	4.0	3	0.5	4.5	3	0.2	5.4	3	0.5	4.5	
	12	1	0.4	4.0	3	0.5	4.5	3	0.2	5.4	3	0.4	4.5	
	18	1	0.4	4.0	3	0.5	4.5	3	0.2	5.0	3	0.4	4.5	
22	0	1	0.4	4.0	3	0.5	4.5	3	0.4	5.2	3	0.5	4.5	
	6	1	0.6	4.5	3	0.5	4.5	1	0.5	5.6	3	0.5	4.5	
	12	3	0.5	4.5	3	0.5	4.5	1	0.5	5.9	3	0.5	4.5	
	18	1	0.2	2.5	3	0.6	4.5	...			3	0.5	4.5	Resolute - paper off
23	0	0,0			3	0.3	4.0	...			3	0.5	4.5	
	6	1	0.1	2.5	3	0.3	4.0	1	0.4	5.9	3	0.5	4.5	
	12	1	0.2	3.0	3	0.6	4.5	1	0.3	5.6	3	0.5	4.5	
	18	1	0.2	3.0	3	0.5	4.5	1	0.2	5.3	3	0.5	4.5	
24	0	1	0.3	3.4	3	0.5	4.5	1	0.4	5.2	3	0.5	4.5	
	6	1	0.3	3.5	3	0.5	4.5	1	0.4	4.9	3	0.5	4.5	
	12	1	0.2	3.0	3	0.6	4.5	1	0.5	5.0	3	0.5	4.5	
	18	1	0.2	3.0	3	0.6	4.5	1	0.5	5.0	3	0.5	4.5	
25	0	1	0.3	3.5	3	0.6	4.5	1	0.7	5.4	3	0.5	4.5	
	6	1	0.2	3.0	3	0.5	4.5	1	0.6	5.5	3	0.5	4.5	
	12	3	0.1	2.5	3	0.5	4.5	1	0.6	5.5	3	0.5	4.5	
	18	0,0			3	0.5	4.5	1	0.4	5.4	3	0.5	4.5	
26	0	0,0			3	0.5	4.5	1	0.4	5.2	3	0.6	5.0	
	6	3	0.2	2.5	3	0.5	4.5	1	0.3	5.4	3	0.6	5.0	
	12	3	0.2	2.5	3	0.5	4.5	1	0.3	6.0	3	0.6	5.0	
	18	3	0.2	2.5	3	0.5	4.0	1	0.2	5.9	3	0.5	4.5	
27	0	3	0.2	3.0	3	0.5	4.0	...			3	0.5	4.5	Resolute - seismic
	6	3	0.4	3.5	3	0.5	4.0	3	0.2	5.0	3	0.3	4.5	
	12	2	0.2	3.0	3	0.3	3.5	3	0.2	4.6	3	0.3	4.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Aug. 27	18	2	0.2	3.0	3	0.3	4.0	...			3	0.3	4.5	Resolute - seismic
28	0	1	0.3	3.5	3	0.3	4.0	3	0.2	5.2	3	0.2	4.5	
	6	1	0.3	3.3	3	0.3	3.7	3	0.2	5.4	3	0.3	4.5	
	12	1	0.3	3.5	3	0.2	3.7	3	0.2	5.7	3	0.3	4.5	
	18	1	0.2	3.5	3	0.2	3.5	...			3	0.3	4.5	Resolute - seismic
29	0	1	0.1	3.0	3	0.3	4.0	1	0.3	5.4	3	0.3	4.5	
	6	1	0.1	3.0	3	0.4	4.4	1	0.2	5.9	3	0.3	4.5	
	12	3	0.3	3.5	3	0.6	4.5	1	0.3	5.8	3	0.4	4.0	
	15	1	0.6	3.5	3									Halifax - storm start
	18	1	0.6	3.5	3	0.6	4.1	1	0.4	5.0	3	0.5	4.5	
	21	1	1.3	3.8	3									
30	0	1	1.5	3.8	3	0.6	4.0	1	0.5	5.1	3	0.5	4.5	
	3	1	2.0	3.8	3									
	6	1	1.9	3.7	3	0.6	4.0	1	0.5	4.6	3	0.6	4.5	
	9	1	1.4	3.6	3									
	12	1	1.1	3.3	3	0.5	4.0	1	0.4	5.2	2	0.6	5.0	
	15	1	1.3	3.6	3									
	18	1	1.0	3.5	3	0.6	4.0	1	0.3	5.1	2	0.8	5.0	
	21	1	0.6	3.0	3									
31	0	1	0.4	3.0	3	0.3	4.0	1	0.3	5.6	2	0.7	5.0	Halifax - storm end
	6	1	0.4	3.0	3	0.4	4.4	1	0.4	5.9	2	0.8	5.0	
	12	1	0.4	3.0	3	0.4	5.0	1	0.3	6.0	2	0.9	5.0	
	18	1	0.4	3.5	3	0.4	5.0	1	0.3	5.4	2	0.9	5.0	
Sept. 1	0	3	0.2	2.5	3	0.5	4.0	1	0.3	5.3	...			Victoria - seismic
	6	3	0.1	2.5	3	0.5	4.0	1	0.2	5.3	2	0.6	4.0	
	12	1	0.2	2.5	3			1	0.2	5.5	2	0.6	4.0	
	18	1	0.3	2.6	3			1	0.2	5.7	2	0.6	4.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 2	0	1	0.2	2.5	3	0.4	3.5	...			2	0.6	4.0	Resolute - paper off
	6	1	0.3	2.6	3	0.5	4.0	1	0.1	4.7	3	0.5	3.5	
	12	1	0.4	3.0	1	0.6	4.0	1	0.2	4.4	3	0.4	3.5	
	18	1	0.3	2.5	1	0.6	4.0	...			3	0.3	3.5	Resolute - paper off
3	0	1	0.6	3.0	1	0.6	4.0	...			3	0.3	3.8	
	6	1	1.0	3.0	1	0.6	4.5	...			3	0.3	4.0	
	12	1	1.0	3.5	1	0.6	4.5	1	0.7	5.7	3	0.3	3.8	
	18	1	0.7	3.7	1	0.6	4.5	...			3	0.3	3.8	Resolute - paper off
4	0	1	0.6	3.5	1	0.6	4.5	...			3	0.4	4.0	
	6	1	0.3	3.0	1	0.7	5.0	1	0.5	5.2	3	0.4	4.2	
	12	1	0.3	2.6	1	0.6	5.0	1	0.5	6.0	3	0.7	4.2	
	18	1	0.1	2.5	3	0.5	4.0	...			2	0.8	4.5	Resolute - paper off
5	0	0,0			3	0.3	4.0	...			...			Victoria - seismic
	6	0,0			3	0.3	4.0	1	0.2	5.2	3	0.5	4.0	
	12	0,0			3	0.4	3.5	1	0.2	4.6	3	0.4	4.0	
	18	0,0			3	0.2	3.5	...			3	0.4	4.0	Resolute - paper off
6	0	0,0			3	0.2	3.5	...			3	0.5	4.0	International day
	1	0,0			3	0.2	3.5	...			3	0.4	4.0	
	2	0,0			3	0.2	3.5	...			3	0.4	4.0	
	3	0,0			3	0.2	3.3	...			3	0.4	4.0	
	4	0,0			3	0.2	3.0	...			3	0.4	4.0	
	5	0,0			3	0.2	3.4	2	0.1	5.0	3	0.4	4.0	
	6	0,0			3	0.2	3.5	2	0.1	5.1	3	0.4	4.0	
	7	0,0			3	0.2	3.5	2	0.2	4.9	3	0.4	4.0	
	8	0,0			3	0.2	3.5	2	0.2	4.6	3	0.4	4.0	
	9	0,0			3	0.2	3.3	2	0.2	4.7	3	0.4	4.0	
	10	0,0			3	0.2	3.0	2	0.2	4.3	3	0.4	4.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 6	11	0,0			3	0.2	3.4	2	0.2	4.0	3	0.4	4.0	
	12	0,0			3	0.2	3.3	2	0.2	4.5	3	0.5	4.0	
	13	0,0			3	0.2	3.5	2	0.2	4.2	3	0.4	4.0	
	14	0,0			3	0.2	3.5	2	0.2	5.6	3	0.4	4.0	
	15	0,0			3	0.2	3.5	2	0.2	4.5	3	0.5	4.0	
	16	0,0			3	0.2	3.3	2	0.2	4.2	3	0.4	4.0	
	17	0,0			3	0.2	3.4	2	0.2	4.4	3	0.4	4.0	
	18	0,0			3	0.2	3.6	2	0.2	4.5	3	0.4	4.0	
	19	0,0			3	0.2	3.5	....		4.5	3	0.4	4.0	Resolute - paper off
	20	0,0			3	0.2	4.0	...			3	0.4	4.0	
	21	0,0			3	0.2	4.0	...			3	0.4	4.0	
	22	0,0			3	0.2	4.0	...			3	0.4	4.0	
	23	0,0			3	0.2	4.0	...			3	0.4	4.0	
7	0	0,0			3	0.2	4.0	...			3	0.5	4.5	
	6	0,0			3	0.3	4.0	1	0.4	4.7	3	0.5	4.0	
	12	0,0			3	0.5	4.5	1	0.3	5.0	3	0.5	4.0	
	18	0,0			3	0.5	4.5	...			3	0.4	4.0	Resolute - paper off
8	0	0,0			3	0.5	4.5	...			3	0.4	4.0	
	6	0,0			3	0.5	4.5	...			3	0.4	4.0	
	12	1	0.2	2.5	3	0.5	4.5	2	0.2	4.9	3	0.3	4.0	
	18	1	0.3	2.5	3	0.3	4.0	2	0.2	4.8	3	0.3	4.0	
9	0	1	0.3	2.5	3	0.3	4.0	...			3	0.3	4.0	Resolute - instrument shut down for re calibration
	6	1	0.6	3.2	1	0.6	4.1	...			3	0.3	4.0	
	12	1	0.4	3.2	1	0.5	4.3	...			3	0.4	4.0	
	18	1	0.6	3.5	1	0.6	4.0	...			3	0.3	4.0	
10	0	1	0.6	3.3	1	0.6	4.0	...			3	0.3	4.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 10	6	1	0.4	3.5	1	0.6	4.0	...			3	0.2	3.8	
	12	1	0.4	3.5	1	0.6	4.0	...			3	0.2	3.8	
	18	1	0.7	4.0	1	0.6	4.0	...			3	0.3	4.0	
11	0	3	0.6	3.6	1	0.5	4.5	...			3	0.3	3.8	
	6	3	0.4	3.0	1	0.5	4.5	...			2	0.6	4.5	
	12	3	0.9	3.8	1	0.5	4.5	...			2	0.9	4.5	
	18	3	0.6	3.5	1	0.6	4.5	...			2	0.7	4.5	
12	0	1	0.7	3.3	1	0.6	4.0	...			2	0.7	4.5	
	6	1	0.6	3.1	1	0.6	4.5	...			2	0.6	4.5	
	12	1	1.3	4.0	1	0.6	4.3	...			3	0.5	4.5	
	18	1	0.8	3.7	1	0.6	4.2	...			3	0.5	4.5	
13	0	1	0.7	3.7	1	0.6	4.5	...			3	0.5	4.5	International period
	1	1	0.7	3.7	1	0.6	4.5	...			3	0.5	4.5	
	2	1	0.7	3.7	1	0.6	4.5	...			3	0.5	4.5	
	3	1	0.6	3.5	1	0.6	4.5	...			3	0.5	4.5	
	4	1	0.7	3.7	1	0.6	4.5	...			3	0.5	4.5	
	5	1	0.7	3.7	1	0.6	4.5	...			3	0.5	4.5	
	6	1	0.7	4.0	1	0.6	4.5	...			3	0.5	4.0	
	7	1	0.7	3.7	1	0.6	4.5	...			3	0.4	4.0	
	8	1	0.9	4.0	1	0.6	4.5	...			3	0.4	4.0	
	9	1	0.8	3.8	1	0.6	4.5	...			3	0.5	4.0	
	10	1	0.9	4.0	1	0.6	4.5	...			3	0.4	4.0	
	11	1	0.5	4.0	1	0.6	4.5	...			3	0.5	4.0	
	12	1	0.5	4.0	1	0.6	4.5	...			3	0.4	4.0	
	13	1	0.9	4.0	1	0.6	4.5	...			3	0.3	4.0	
	14	1	0.9	4.0	1	0.6	4.5	...			3	0.4	4.0	
	15	1	0.8	4.0	1	0.6	4.5	...			3	0.3	4.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 13	16	1	0.6	3.5	1	0.6	4.5	...			2	0.3	4.0	
	17	1	0.9	4.0	1	0.6	4.5	...			3	0.3	4.0	
	18	1	0.8	4.0	1	0.6	4.5	...			3	0.3	4.0	
	19	1	0.8	4.0	1	0.6	4.5	...			3	0.5	4.5	
	20	1	0.8	4.0	1	0.6	4.5	...			3	0.5	4.5	
	21	1	0.7	4.0	1	0.7	5.0	...			3	0.5	4.5	
	22	1	0.7	4.0	1	0.7	5.0	...			3	0.5	4.5	
	23	1	1.0	4.5	1	0.7	5.0	...			3	0.5	4.5	
14	0	1	1.0	4.5	1	0.7	5.0	...			3	0.3	4.5	
	1	1	1.0	4.5	1	0.7	5.0	...			3	0.4	4.5	
	2	1	1.0	4.5	1	0.7	5.0	...			3	0.5	4.5	
	3	1	1.0	4.5	1	0.7	5.0	...			3	0.5	4.5	
	4	1	0.7	4.0	1	0.7	5.0	1	0.7	5.2	3	0.5	4.5	
	5	1	0.7	4.0	1	0.7	5.0	1	1.0	5.4	3	0.4	4.5	
	6	1	0.9	4.0	1	0.9	5.0	1	0.9	5.6	3	0.5	4.5	
	7	1	1.2	4.5	1	0.7	4.8	1	0.9	5.6	3	0.5	4.5	
	8	1	1.2	4.5	1	0.7	5.0	1	0.9	5.1	3	0.5	4.5	
	9	1	1.2	4.5	1	0.7	5.0	1	1.0	5.3	3	0.5	4.5	
	10	1	0.5	4.0	1	0.7	5.0	1	1.1	5.6	3	0.5	4.5	
	11	1	0.6	4.0	1	0.7	5.0	1	0.6	5.6	3	0.5	4.5	
	12	1	1.2	4.5	1	0.7	5.0	1	0.8	5.5	3	0.5	4.5	
	13	3	0.7	4.0	1	0.7	5.0	1	0.8	5.8	3	0.5	5.0	
	14	3	0.5	4.0	1	0.7	5.0	1	0.8	5.4	3	0.6	5.0	
	15	3	0.5	4.0	1	0.7	5.0	...			...			Resolute - paper off Victoria - seismic
	16	3	0.3	3.0	1	0.7	5.0	...			3	0.5	5.0	
	17	3	0.4	3.5	1	0.7	5.0	...			3	0.4	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 14	18	3	0.5	3.5	1	0.7	5.0	1	0.9	5.5	3	0.4	5.0	
	19	1	0.6	3.5	1	0.7	4.6	1	1.1	5.6	3	0.5	5.0	
	20	1	0.5	3.5	1	0.7	4.6	1	0.9	5.8	3	0.5	4.5	
	21	1	0.5	3.5	1	0.5	4.6	1	0.9	5.4	3	0.4	4.5	
	22	1	0.6	3.5	1	0.6	5.0	...			3	0.5	5.0	Resolute - seismic
	23	1	0.6	3.5	1	0.6	5.0	...			3	0.5	4.5	
15	0	1	0.6	3.5	1	0.7	5.0	1	1.1	5.6	3	0.5	4.5	
	1	1	0.6	3.5	1	0.7	5.0	1	0.9	5.6	3	0.4	4.5	
	2	1	0.6	3.5	1	0.7	5.0	1	0.8	5.7	3	0.5	4.5	
	3	1	0.6	3.5	1	0.7	5.0	1	0.9	5.6	3	0.5	4.5	
	4	1	0.6	3.5	1	0.9	5.0	1	1.1	5.8	3	0.5	4.5	
	5	1	0.4	3.0	1	0.9	5.0	1	0.7	5.6	3	0.5	4.5	
	6	1	0.4	3.0	1	0.9	5.2	...			3	0.5	4.5	Resolute - seismic
	7	1	0.4	3.0	1	1.0	5.6	1	0.8	5.6	3	0.5	4.5	
	8	1	0.4	3.0	1	1.0	5.6	1	0.9	5.8	3	0.5	4.5	
	9	1	0.2	2.5	1	1.0	5.8	1	0.8	5.6	3	0.5	4.5	
	10	1	0.2	3.0	1	1.0	5.8	1	0.8	5.8	3	0.5	4.5	
	11	3	0.3	3.0	1	1.0	5.8	1	0.8	5.8	3	0.5	4.5	
	12	3	0.5	3.4	1	1.0	5.8	1	0.9	5.8	3	0.5	4.5	
	13	3	0.9	4.5	1	1.0	6.0	1	0.8	5.7	3	0.5	4.5	
	14	3	0.4	3.1	1	1.0	6.0	1	0.7	5.6	3	0.5	4.5	
	15	3	0.5	3.4	1	1.0	6.0	1	0.7	5.5	3	0.4	4.0	
	16	3	0.5	3.6	1	1.0	6.0	...			3	0.4	4.0	Resolute - paper off
	17	3	0.3	2.6	1	1.0	6.0	...			3	0.4	4.0	
	18	3	0.3	2.5	1	0.9	6.0	...			3	0.4	4.0	
	19	3	0.3	3.0	1	0.7	5.0	...			3	0.4	4.0	
	20	...			1	0.7	5.0	...			...	0.4	4.0	Halifax Victoria - seismic

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 15	21	3	0.3	3.0	1	0.7	5.0	...			3	0.4	4.0	
	22	3	0.9	4.0	1	0.7	5.0	...			3	0.4	4.0	
	23	3	0.3	2.5	1	0.7	5.0	...			3	0.4	4.0	
16	0	3	0.2	2.5	1	0.7	5.0	1	0.4	5.5	3	0.5	4.0	
	1	3	0.2	2.5	1	0.7	5.0	1	0.4	5.4	3	0.5	4.0	
	2	3	0.3	3.0	1	0.7	5.0	1	0.4	5.5	3	0.5	4.0	
	3	3	0.6	3.5	1	0.6	5.0	1	0.6	5.4	3	0.5	4.0	
	4	3	0.4	3.0	1	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	5	3	0.3	2.5	3	0.6	5.0	1	0.5	5.5	3	0.5	4.0	
	6	3	0.3	3.0	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	7	3	0.3	3.0	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	8	3	0.3	2.5	3	0.6	5.0	1	0.4	5.6	3	0.5	4.0	
	9	3	0.5	3.3	3	0.6	5.0	1	0.4	5.4	3	0.5	4.0	
	10	3	0.4	3.0	3	0.6	5.0	1	0.5	5.7	3	0.5	4.0	
	11	3	0.5	3.6	3	0.5	5.0	1	0.4	5.8	3	0.5	4.0	
	12	3	0.4	3.4	3	0.5	4.0	1	0.4	5.8	3	0.5	4.0	
	13	3	0.7	4.1	3	0.4	4.2	1	0.5	5.8	3	0.5	3.5	
	14	3	0.3	2.8	3	0.3	4.0	...			2	0.5	3.5	Resolute - seismic
	15	3	0.5	3.5	3	0.4	5.0	...			2	0.5	3.5	
	16	3	0.3	3.0	3	0.4	5.0	1	0.6	6.4	2	0.5	3.5	
	17	3	0.3	2.8	3	0.4	4.5	1	0.5	6.3	2	0.6	4.0	
	18	3	0.3	3.0	3	0.5	4.8	...			2	0.7	4.5	Resolute - paper off
	19	3	0.3	3.0	3	0.5	4.5	...			2	0.7	4.5	
	20	3	0.5	3.5	3	0.5	4.0	1	0.6	5.6	2	0.8	4.5	
	21	3	0.4	3.5	3	0.6	5.0	1	0.6	6.2	2	0.8	5.0	
	22	3	0.3	3.0	3	0.6	5.0	1	0.6	6.3	2	0.7	5.0	
	23	3	0.7	4.0	3	0.6	5.0	1	0.6	6.4	2	0.7	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 17	0	3	0.7	4.0	3	0.6	5.0	1	0.7	6.0	2	0.7	5.0	
	1	1	0.2	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	2	1	0.2	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	3	1	0.3	2.0	3	0.6	5.0	1	0.7	6.0	2	0.9	5.0	
	4	1	0.3	2.0	3	0.6	5.0	1	0.7	5.9	2	0.9	5.0	
	5	1	0.2	2.0	3	0.6	5.0	1	0 7	5.9	2	0.9	5.0	
	6	1	0.5	2.5	3	0.6	5.0	1	0.7	5.7	2	0.9	5.0	
	7	1	0.5	2.0	3	0.6	5.0	1	0.7	5.9	2	1.0	5.0	
	8	1	0.3	2.0	3	0.6	5.0	1	0.7	5.9	2	1.0	5.0	
	9	1	0.5	2.5	3	0.7	5.0	1	0.7	5.8	2	0.9	5.0	
	10	1	0.6	2.5	3	0.7	5.0	1	0.6	6.3	2	1.0	5.0	
	11	1	0.6	2.5	3	0.7	5.0	1	0.7	5.8	2	0.9	5.0	
	12	1	0.6	2.5	3	0.8	5.4	1	0.8	5.9	2	0.9	5.0	
	13	1	0.7	2.7	1	1.1	5.5	...			2	0.9	5.0	Resolute - seismic
	14	1	0.5	2.7	1	1.1	5.5	1	0.9	6.1	2	0.9	5.0	
	15	1	0.6	2.6	1	1.3	5.5	1	0.7	6.4	2	0.9	5.0	
	16	1	0.6	2.7	1	1.1	5.5	...			2	1.1	5.0	Resolute - record off
	17	1	0.8	3.0	1	1.3	5.5	...			2	1.2	5.5	
	18	1	1.0	3.0	1	1.2	5,2	...			2	1.3	5.5	
	19	1	0.6	3.0	1	1.4	5.8	...			2	1.2	6.0	
	20	1	0.7	3.0	1	1.6	6.1	...			2	1.2	6.0	
	21	1	0.4	2.7	1	1.6	6.1	...			2	1.3	6.0	
	22	1	0.4	2.6	1	1.8	6.1	...			2	1.3	6.0	
	23	1	1.2	4.5	1	1.8	6.1	1	1.4	6.0	2	1.3	6.0	
18	0	1	2.6	6.0	1	1.8	6.1	1	1.3	6.1	2	1.2	6.0	
	1	1	2.6	6.0	1	2.0	6.1	1	1.5	6.1	2	1.2	6.0	
	2	1	2.6	6.0	1	2.0	6.1	1	1.2	6.2	2	1.1	6.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 18	3	1	3.9	6.0	1	2.1	6.1	1	1.4	6.4	2	1.0	6.0	
	4	1	3.9	6.0	1	2.1	6.1	1	1.4	6.2	2	0.9	6.0	
	5	1	3.9	6.0	1	2.2	6.2	1	1.7	6.3	2	0.9	6.0	
	6	1	2.6	6.0	1	2.6	7.0	1	2.0	6.2	2	1.0	6.0	
	7	1	3.8	7.0	1	2.5	6.8	1	2.0	6.3	2	0.9	6.0	
	8	1	3.8	7.0	1	3.5	7.0	1	1.6	6.2	2	0.9	6.0	
	9	1	3.1	6.5	1	3.0	7.0	1	1.6	6.3	2	0.9	6.0	
	10	1	4.7	6.5	1	3.6	7.0	1	1.8	6.3	2	0.9	6.0	
	11	1	4.1	6.5	1	3.2	7.0	1	1.9	6.5	2	1.0	6.5	
	12	1	5.3	7.0	1	3.0	7.0	1	1.7	6.5	2	1.0	6.0	
	13	1	3.8	7.0	1	3.0	7.0	1	1.6	6.5	2	1.0	6.5	
	14	1	3.8	7.0	1	3.0	7.0	1	2.0	6.2	2	1.0	6.5	
	15	1	3.8	7.0	1	3.2	7.0	1	2.3	6.5	2	0.9	6.0	
	16	1	3.8	7.0	1		7.0	1	1.7	6.7	2	0.8	5.5	
	17	1	3.8	7.0	1		7.0	1	1.8	6.4	2	0.8	5.5	
	18	1	3.8	7.0	1		7.0	1	1.8	6.4	2	0.9	6.0	
	19	1	3.8	7.0	1		7.0	1	1.6	6.3	2	0.8	5.5	
	20	1	5.3	7.0	1		7.0	1	1.5	6.3	2	0.6	3.5	
	21	1	5.1	6.0	1		7.0	1	1.5	6.2	2	0.6	3.5	
	22	1	4.5	6.5	1		7.0	1	1.5	6.2	2	0.5	3.5	
	23	1	0.8	3.3	1		7.0	1	1.3	6.2	2	0.6	3.5	
19	0	1	0.8	3.3	1		7.0	1	1.3	6.0	2	0.6	3.5	
	1	1	0.8	3.3	1	2.0	7.0	1	1.2	6.1	2	0.6	3.5	
	2	1	0.8	3.3	1	2.0	7.0	1	1.1	6.3	2	0.6	3.5	
	3	1	0.8	3.3	1	1.4	6.0	1	1.1	6.2	2	0.7	3.5	
	4	1	1.3	3.5	1	0.8	4.0	1	0.9	6.0	2	0.7	3.5	
	5	1	1.3	3.5	1	1.4	6.0	1	1.1	6.2	2	0.7	3.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 19	6	1	1.8	4.0	1	2.1	6.0	1	0.9	6.1	2	0.7	3.5	
	7	1	1.6	4.0	1	0.9	4.0	1	0.8	6.1	2	0.8	4.0	
	8	1	1.2	3.5	1	0.9	4.0	1	0.8	6.1	2	0.8	4.0	
	9	1	1.8	4.0	1	0.9	4.0	1	0.8	5.6	2	0.8	4.0	
	10	1	1.1	3.5	1	0.7	4.0	1	0.8	5.8	2	0.8	4.0	
	11	1	1.3	3.5	1	0.7	4.0	1	0.7	6.0	2	0.8	4.0	
	12	1	1.3	3.5	1	0.7	4.0	1	0.8	5.9	2	0.8	4.5	
	13	1	1.3	3.5	3	0.7	4.0	1	0.7	6.0	2	0.9	4.5	
	14	1	1.3	3.5	3	0.7	4.0	1	0.8	6.1	2	0.8	4.5	
	15	1	1.9	3.5	3	0.8	4.0	1	0.7	5.8	2	0.8	4.5	
	16	1	1.3	3.5	3	0.8	4.0	1	0.5	5.8	2	0.9	5.0	
	17	1	1.6	3.5	3	0.8	4.0	2	0.7	5.6	2	0.8	4.5	
	18	1	1.4	3.5	3	0.8	4.0	2	0.7	5.4	2	0.8	4.5	
	19	1	1.3	3.5	3	0.8	4.0	2	0.7	5.4	2	0.8	4.5	
	20	1	1.3	3.5	3	0.8	4.0	2	0.5	5.8	2	0.8	4.5	
	21	1	1.3	3.5	3	0.8	4.0	2	0.5	5.7	2	0.9	4.5	
	22	1	1.3	3.5	3	0.7	4.0	2	0.7	5.6	2	0.8	4.5	
	23	1	1.9	3.5	3	0.7	3.8	2	0.7	5.3	2	0.8	4.5	
20	0	1	1.9	3.5	3	0.8	3.8	2	0.5	5.6	2	0.9	4.5	
	1	1	1.6	3.5	3	0.8	3.8	2	0.5	5.7	2	0.8	4.5	
	2	1	1.6	3.5	3	0.6	4.0	2	0.6	5.4	2	0.8	4.5	
	3	1	1.6	3.5	3	0.6	4.0	2	0.5	5.6	2	0.9	4.5	
	4	1	1.8	4.0	3	0.6	4.0	2	0.4	5.9	2	0.8	4.5	
	5	1	1.8	4.0	3	0.6	4.0	2	0.5	5.6	2	0.9	5.0	
	6	1	1.6	3.5	3	0.6	4.0	...			2	0.8	4.5	Resolute - seismic
	7	1	1.3	3.5	3	0.6	4.0	2	0.4	5.5	2	0.8	4.5	
	8	1	1.0	3.5	3	0.6	4.0	2	0.4	5.4	2	0.8	4.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 20	9	1	1.0	3.6	3	0.6	4.0	2	0.5	5.1	2	0.8	4.5	
	10	1	1.1	3.6	3	0.6	4.0	2	0.4	5.7	2	0.7	4.5	
	11	1	1.2	3.6	3	0.6	4.0	2			2	0.8	4.5	Resolute - seismic
	12	1	1.2	3.6	3	0.6	4.0	...			2	0.8	4.5	
	13	1	1.0	3.5	3	0.6	4.0	...			2	0.7	4.5	
	14	1	1.0	3.5	3	0.6	4.0	2	0.5	4.5	3	0.6	4.5	
	15	...			3	0.6	4.0	2	0.3	5.1	3	0.5	4.5	
	16	1	0.8	3.5	3	0.5	4.0	...			3	0.5	4.5	Resolute - paper off
	17	1	0.8	3.5	3	0.5	4.0	...			3	0.5	4.5	Resolute - seismic
	18	1	0.6	3.5	3	0.5	4.0	...			...			Victoria - seismic
	19	1	0.6	3.5	3	0.5	4.0	...			3	0.5	4.5	
	20	1	0.7	3.5	3	0.5	4.0	...			3	0.5	4.5	
	21	1	0.5	2.9	3	0.5	4.0	3	0.5	4.8	3	0.5	4.5	
	22	1	0.9	4.0	3	0.4	4.0	3	0.5	4.9	3	0.6	5.0	
	23	1	0.8	3.7	3	0.4	4.0	3	0.5	4.6	3	0.5	4.5	
21	0	1	0.6	3.5	3	0.4	4.0	...			3	0.4	4.5	Resolute - instrument dead
	1	1	0.6	3.5	3	0.4	4.0	...			3	0.4	5.0	
	2	1	0.4	3.0	3	0.4	4.0	3	0.4	4.2	3	0.5	4.5	
	3	1	0.4	3.0	3	0.4	4.0	...			3	0.5	4.5	Resolute - instrument dead
	4	1	0.8	4.0	3	5.0	5.0	...			3	0.4	4.5	
	5	1	0.7	4.0	3	5.0	5.0	...			3	0.3	4.5	
	6	1	0.7	4.0	3	0.4	5.0	...			2	0.6	4.0	
	7	1	0.4	4.0	3	0.4	5.0	...			2	0.7	4.0	
	8	1	0.7	4.0	3	0.4	4.5	3	0.6	3.8	2	0.6	4.0	
	9	1	0.4	4.0	3	0.4	4.5	...			2	0.7	3.5	Resolute - instrument dead
	10	1	0.3	3.5	3	0.4	5.0	...			2	0.7	3.5	
	11	1	0.3	3.5	3	0.4	5.0	3			2	0.8	3.5	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 21	12	1	0.5	4.1	3	0.4	4.5	...			2	1.0	4.0	
	13	1	0.5	4.2	3	0.4	4.5	...			2	0.8	3.5	
	14	1	0.4	4.0	3	0.4	4.5	3	0.5	4.4	2	0.8	3.5	
	15	1	0.4	4.0	3	0.4	4.5	3	0.5	4.7	2	0.7	3.5	
	16	1	0.4	3.5	3	0.4	4.5	3	0.5	4.4	2	0.9	4 0	
	17	1	0.4	4.0	3	0.4	4.5	3	0.3	4.7	2	0.5	3.5	
	18	1	0.5	4.2	3	0.4	4.5	...			2	0.6	4.0	Resolute - paper off
	19	1	0.4	4.0	3	0.4	4.5	...			2	0.6	4.0	
	20	1	0.4	4.0	3	0.4	4.5	...			2	0.5	3.5	
	21	1	0.4	4.0	3	0.3	4.5	2	0.4	5.0	2	0.7	4.0	
	22	1	0.4	4.0	3	0.3	4.5	2	0.5	4.6	2	0.7	4.0	
	23	1	0.4	4.0	3	0.3	4.5	...			2	0.7	4.0	Resolute - seismic
22	0	1	0.4	4.0	3	0.3	4.5	2	0.5	4.8	2	0.7	4.0	
	1	1	0.4	4.0	3	0.3	4.5	2	0.5	4.9	2	0.7	4.0	
	2	1	0.4	4.0	3	0.3	4.5	2	0.5	5.1	2	0.7	4.0	
	3	1	0.3	3.5	3	0.3	4.5	2	0.4	5.2	2	1.3	4.0	
	4	1	0.3	3.5	3	0.3	4.5	2	0.7	4.3	2	1.2	5.0	
	5	1	0.3	3.5	3	0.3	4.5	2	0.5	5.1	2	1.1	5.0	
	6	1	0.3	3.5	3	0.3	4.5	2	0.5	4.7	2	1.1	5.0	
	7	1	0.2	3.0	3	0.2	3.6	2	0.5	5.1	2	1.2	5.0	
	8	1	0.2	3.5	3	0.2	3.3	2	0.5	5.1	2	1.2	5.0	
	9	1	0.2	3.0	3	0.3	4.3	...			2	1.1	5.0	Resolute - seismic
	10	1	0.2	3.5	3	0.2	3.3	2	0.4	5.2	2	1.2	5.0	
	11	1	0.2	3.0	3	0.3	3.3	2	0.5	4.8	2	1.1	5.0	
	12	1	0.4	4.0	3	0.3	4.0	2	0.4	4.3	2	1.3	5.0	
	13	1	0.4	4.0	3	0.3	4.0	2	0.5	5.0	2	1.1	5.0	
	14	0,0			3	0.2	3.6	2	0.3	4.6	2	1.1	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 22	15	0,0			3	0.3	3.6	2	0.3	4.4	2	1.3	5.0	
	16	0,0			3	0.3	3.6	2	0.4	5.2	2	1.3	5.0	
	17	0,0			3	0.2	3.5	2	0.5	4.5	2	1.3	5.0	
	18	0,0			3	0.2	3.5	2	0.4	4.0	2	1.2	5.0	
	19	1	0.3	3.0	3	0.2	3.4	...			2	1.2	5.0	Resolute - seismic
	20	1	0.4	3.0	3	0.2	3.5	...			...			Victoria - seismic
	21	1	0.1	2.0	3	0.2	3.5	...			2	1.2	5.0	
	22	1	0.2	2.3	3	0.3	3.5	...			2	1.1	5.0	
	23	1	0.2	2.3	3	0.3	3.6	...			2	1.2	5.0	
23	0	1	0.2	2.2	3	0.3	3.5	...			2	1.1	5.0	Halifax - storm start
	3	1	0.4	2.5	3									
	6	1	0.8	2.5	3	0.3	3.0	1	0.3	4.6	2	1.1	4.5	
	9	1	1.3	3.0	3									
	12	1	1.1	3.0	3	0.3	3.5	1	0.5	4.8	2	1.1	4.5	
	15	1	1.7	3.4	3									
	18	1	1.2	3.3	3	0.4	3.8	1	0.5	4.5	2	1.1	4.5	
	21	1	1.1	3.5	3									
24	0	1	1.0	3.5	3	0.3	3.8	1	0.6	4.2	3	0.9	4.0	
	3	1	0.8	3.5	3									
	6	1	0.8	3.5	3	0.3	3.8	...			3	0.9	4.0	Resolute - seismic
	9	1	1.0	3.5	3									
	12	1	0.9	3.3	3	0.3	3.8	1	0.5	4.3	3	1.0	4.0	
	15	1	0.6	3.0	3									
	18	1	0.4	3.0	3	0.5	4.0	1	0.6	5.0	2	1.1	4.0	Halifax - storm end
25	0	1	0.4	3.0	3	0.5	4.0	1	0.5	4.9	2	1.7	4.0	
	6	1	0.4	4.0	3	0.5	4.0	1	0.3	4.8	2	1.4	4.0	
	12	3	0.3	3.2	3	0.3	4.0	1	0.3	5.6	2	1.1	4.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 25	18	3	0.4	4.0	3	0.3	4.0	1	0.4	5.8	2	1.1	4.0	
26	0	3	0.3	3.0	3	0.2	4.0	...			2	1.2	4.0	Resolute - seismic
	6	0,0			3	0.2	4.0	1	0.3	5.4	2	1.1	4.0	
	12	3	0.4	2.8	3	0.3	4.0	1	0.3	4.8	3	1.0	4.0	
	18	3	0.4	3.0	3	0.3	4.0	1	0.3	4.6	3	1.0	4.0	
27	0	1	0.5	4.0	3	0.6	4.0	1	0.6	5.0	2	1.1	4.0	
	6	1	0.9	4.0	1	0.7	4.5	1	0.8	5.1	3	0.9	4.0	
	12	1	0.5	3.0	1	0.7	4.5	1	0.8	4.8	3	0.8	4.0	
	18	1	0.6	3.6	1	0.7	4.5	1	0.8	5.1	3	0.8	4.0	
28	0	1	0.5	3.3	1	1.3	5.0	1	0.7	5.5	3	0.8	4.0	
	6	1	0.6	3.0	1	1.7	4.5	1	0.7	5.4	3	0.7	4.0	
	12	1	0.7	3.0	1	1.3	5.0	1	0.9	5.9	3	0.6	4.5	Resolute - storm start
	18	1	1.1	3.0	1	1.9	5.5	1	1.1	6.2	3	0.6	4.5	Halifax - storm start
	21	1	2.1	3.5				1	1.6	6.3				
29	0	1	1.7	3.0	1	3.2	6.1	1	1.4	6.2	3	0.6	4.5	
	3	1	3.6	4.0				1	1.3	6.0				
	6	...			1	3.2	6.2	1	1.3	5.9	2	0.6	4.5	Halifax - power failure
	9	1	5.4	4.0				1	1.2	5.7				
	12	1	7.6	4.9	1	2.2	5.6	1	1.2	5.8	3	0.6	5.0	
	15	1	6.7	5.0				...						Resolute - seismic
	18	1	4.4	4.8	1	2.2	5.4	1	0.8	6.1	3	0.6	5.0	
	21	1	3.1	4.5				1	0.9	6.2				
30	0	1	4.5	4.5	1	2.3	5.7	1	1.1	5.6	2	0.7	5.0	
	3	1	3.7	5.0				1	0.9	6.0				
	6	1	3.1	4.9	1	2.0	5.6	1	0.8	6.0	2	0.7	5.0	Resolute - storm end
	9	1	2.9	4.8										
	12	1	3.1	5.3	2	2.2	5.6	1	0.7	6.0	2	0.7	5.0	

DATE	HOUR	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
Sept. 30	15	1	2.5	5.0										
	18	1	2.0	5.0	1	2.0	5.6	1	0.5	5.9	2	0.7	5.0	
	21	1	2.0	5.0										
	24	1	1.7	5.0	1	2.0	6.1	1	0.5	6.0	2	0.8	5.5	