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# ***Seismological Bulletin***

*Seismological Service  
of Canada*

**January – March  
1958**

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

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SEISMOLOGICAL BULLETIN - 1958

This report lists the instrumental results obtained at the seismological stations maintained by the Seismological Service of Canada.

These are divided into two divisions.

Eastern Division

Ottawa, Ontario -

Dominion Observatory, Dept. of Mines and Technical Surveys.

Halifax, Nova Scotia -

Operated by Dalhousie University for the Dominion Observatory.

Seven Falls, Quebec -

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

Shawinigan Falls, Quebec -

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

Resolute, Northwest Territories -

Owned and operated by the Dominion Observatory, R. Halliday in charge.

The records of all stations of the Eastern Division are stored

at Ottawa. Local earthquakes are interpreted by means of

travel-time curves based on rockburst studies. (See J.H.

Hodgson, Publication of the Dominion Observatory, XVI,

Nos. 5 and 6).

DOMINION OBSERVATORIES

Western Division

Victoria, British Columbia -

Dominion Astrophysical Observatory, Dept. of Mines and  
Technical Surveys, Royal Oak, B.C.

Saskatoon, Saskatchewan -

Operated by the University of Saskatchewan for the  
Dominion Observatory.

Banff, Alberta -

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

Horseshoe Bay, British Columbia -

Owned and operated by the Dominion Observatory.  
W.S. Blacklock in charge.

Alberni, British Columbia -

Owned and operated by the Dominion Observatory.  
W.N. Burgess in charge.

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

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

John H. Hodgson,  
Chief, Division of Seismology.

SEISMOLOGICAL BULLETIN - 1958

Explanation of Calibration Curves

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

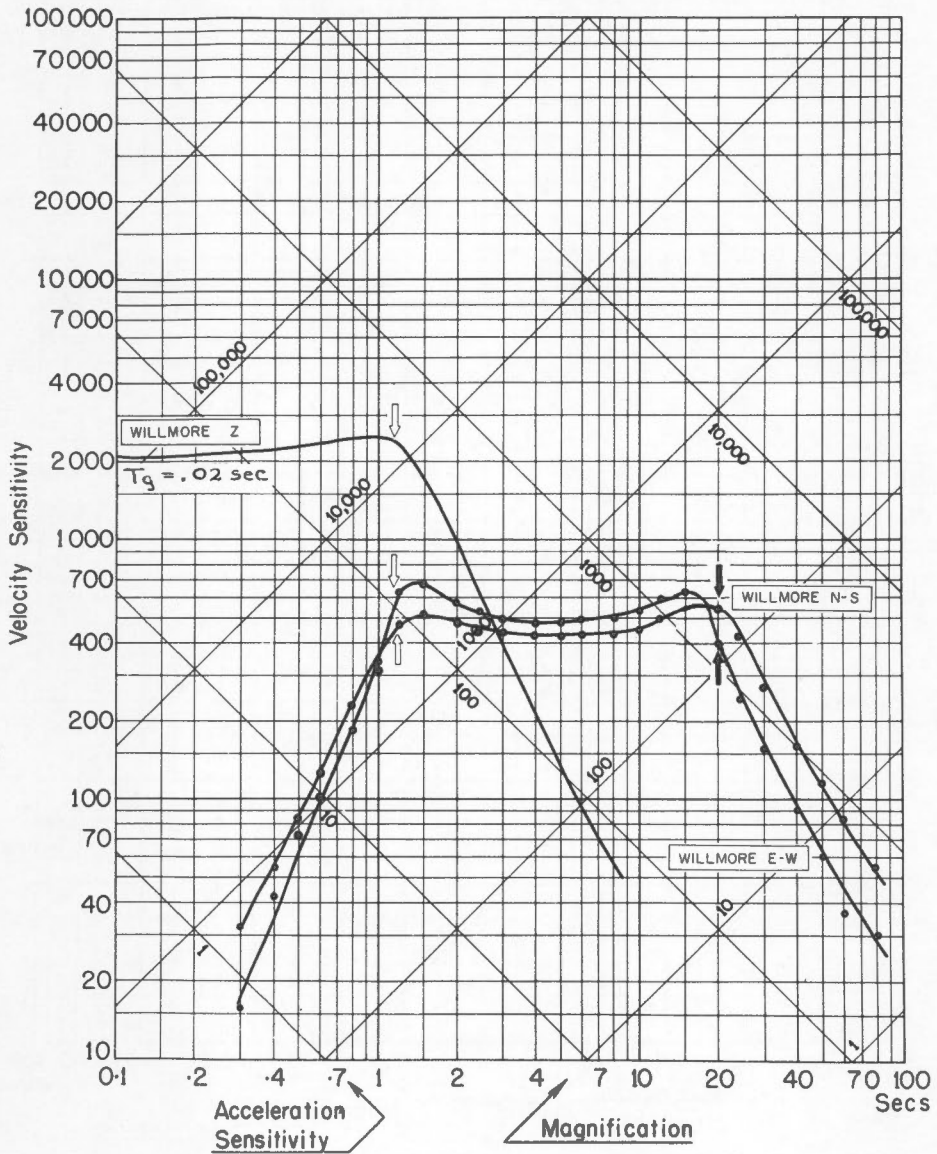
For waves of period  $T$ , the magnification and the acceleration sensitivity of any instrument can be determined by multiplying the velocity sensitivity by  $\frac{2}{T}$  or by  $\frac{T}{2}$  respectively. To facilitate these conversions, lines of constant magnification and of constant acceleration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

DOMINION OBSERVATORIES

NOTES

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

CALIBRATION CURVES  
STATION: ALBERNI



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

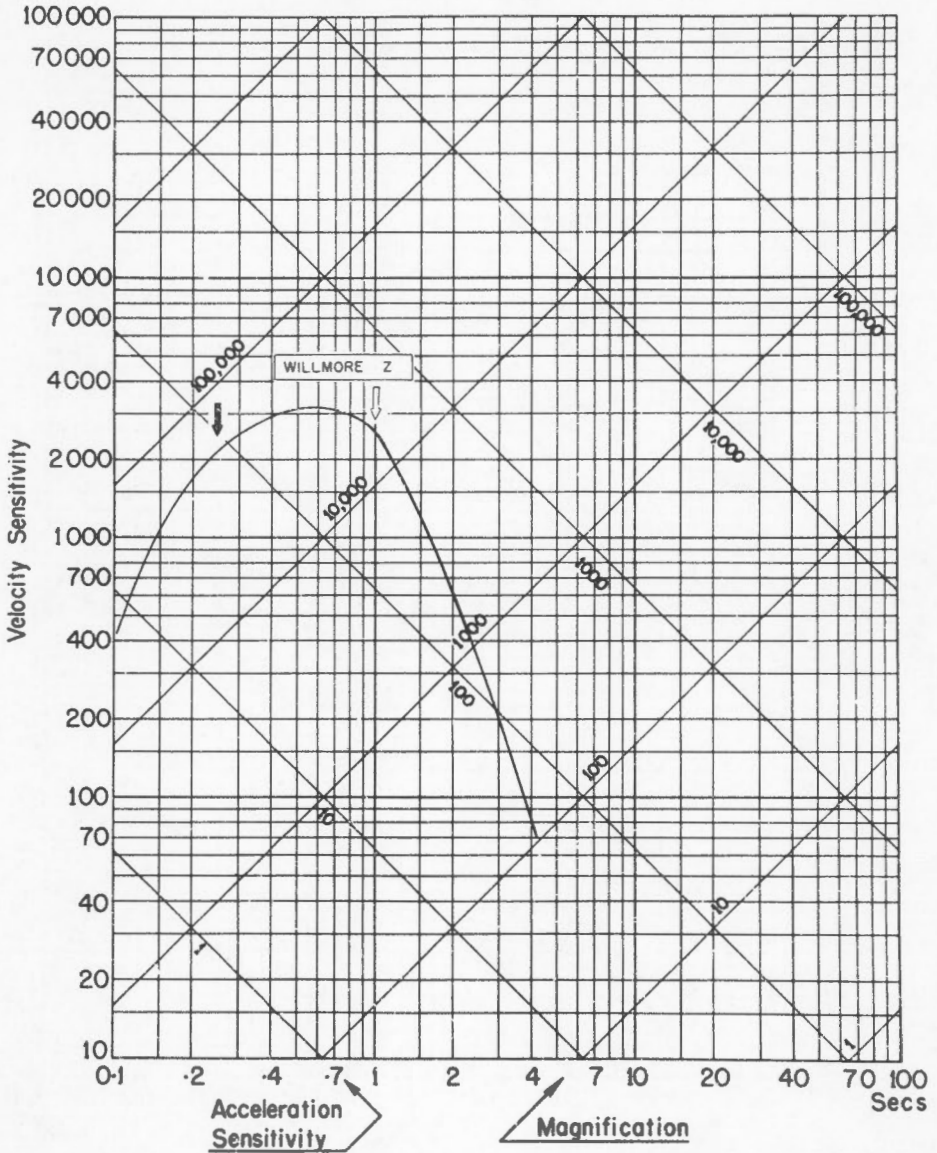
Foundation : Basic volcanic rock

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 9 1957

STATION: BANFF



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

Foundation : Bedrock

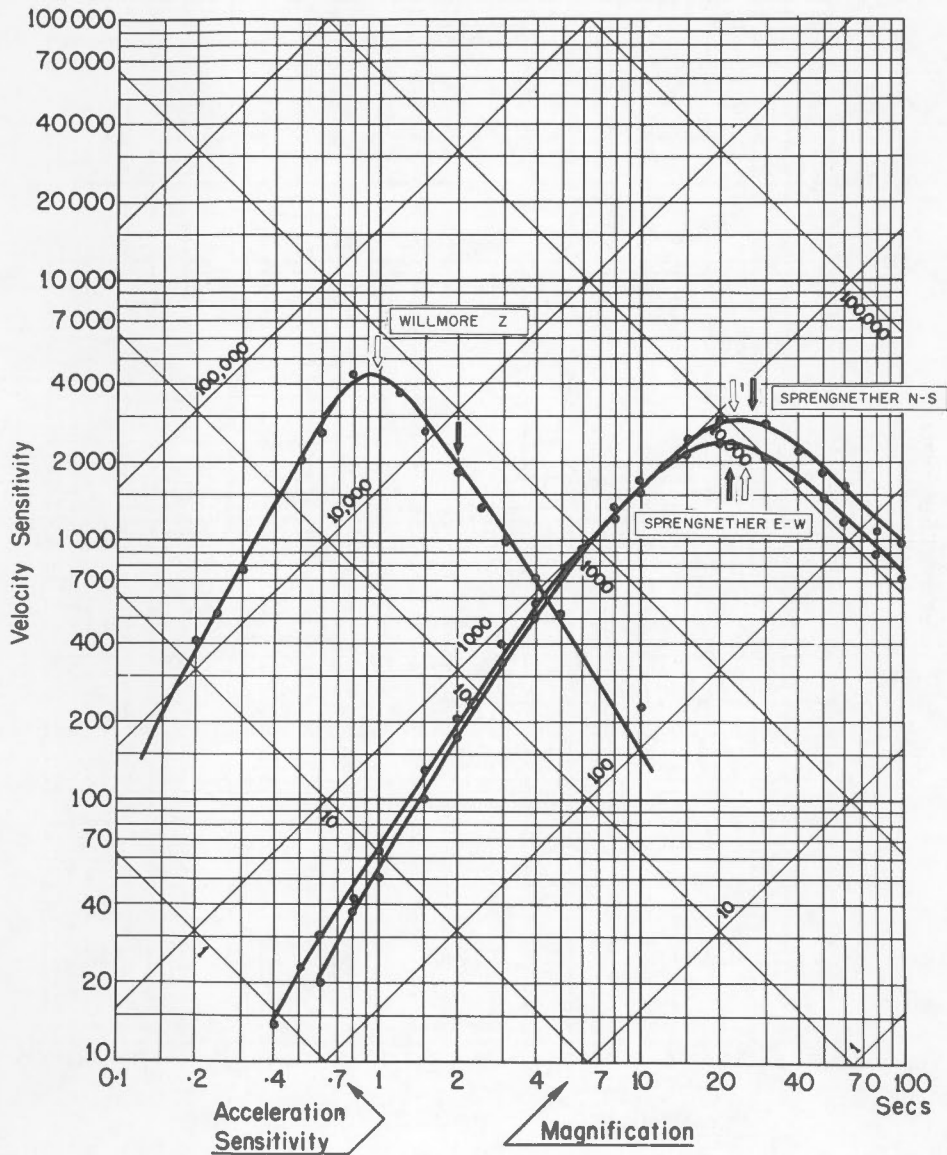
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated Curve

### CALIBRATION CURVES

STATION: HALIFAX



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

Foundation : Carbonaceous slate

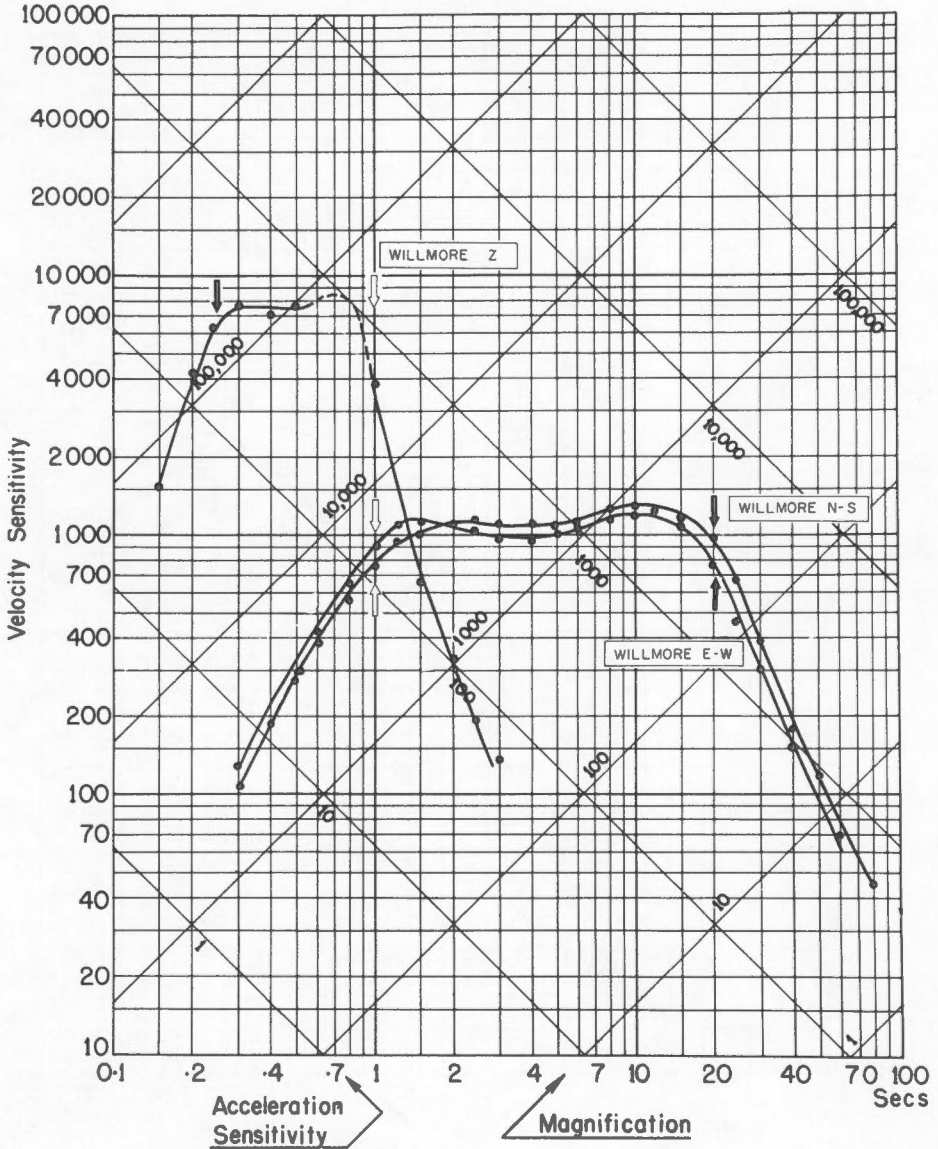
$T_s \uparrow$

$T_g \uparrow$

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



CALIBRATION CURVES  
STATION: HORESHOE BAY



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

Foundation : Quartz diorite

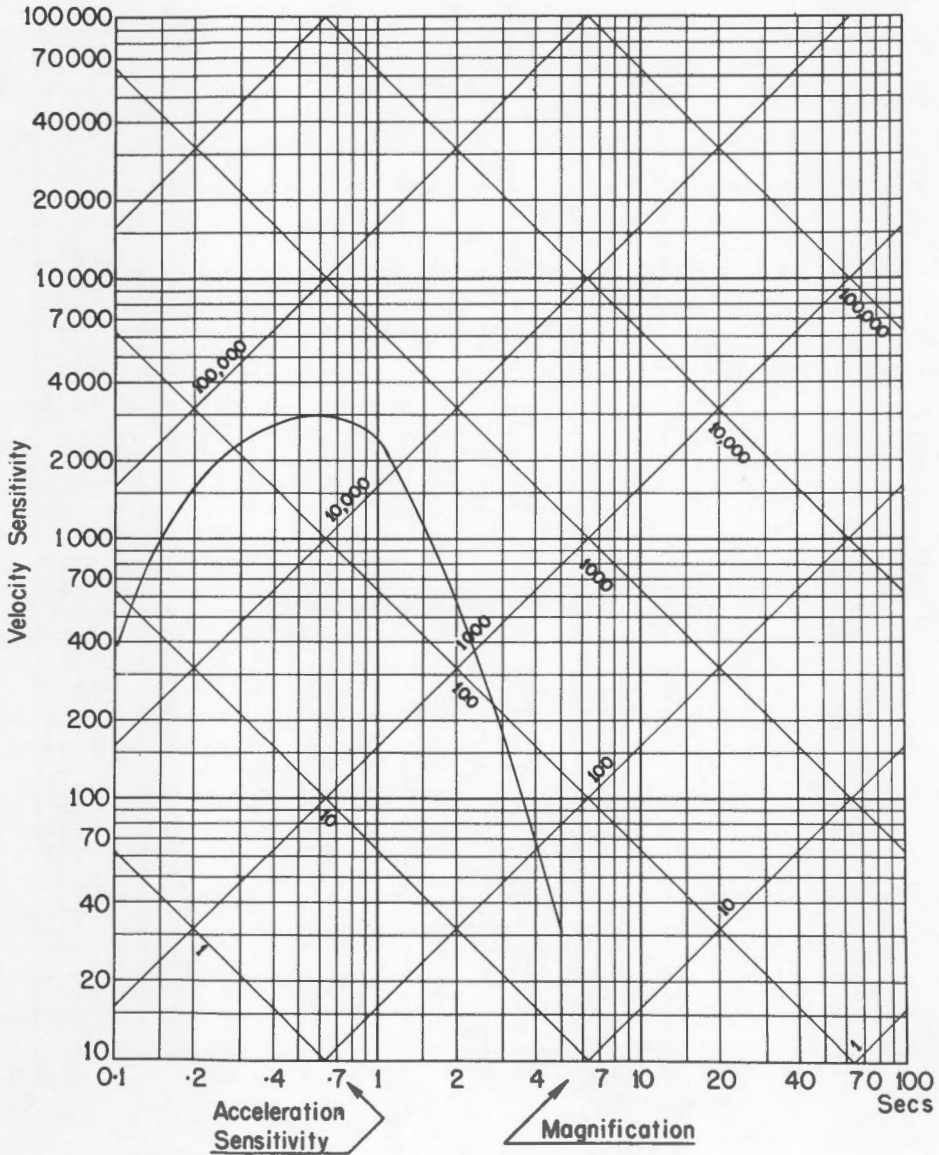
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 17 1957

### CALIBRATION CURVES

STATION: LILLOOET



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

Foundation : Shallow overburden on acid intrusives

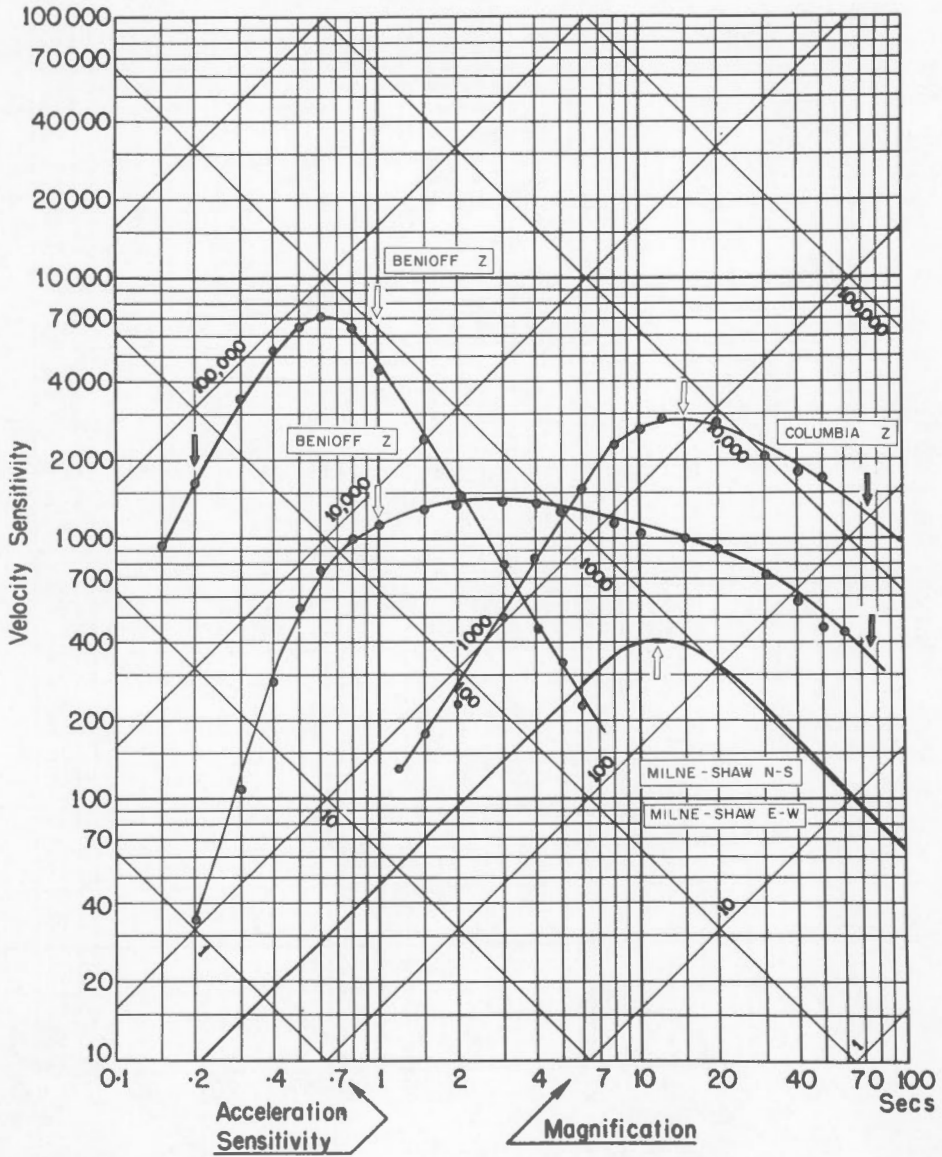
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated

### CALIBRATION CURVES

STATION: OTTAWA



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

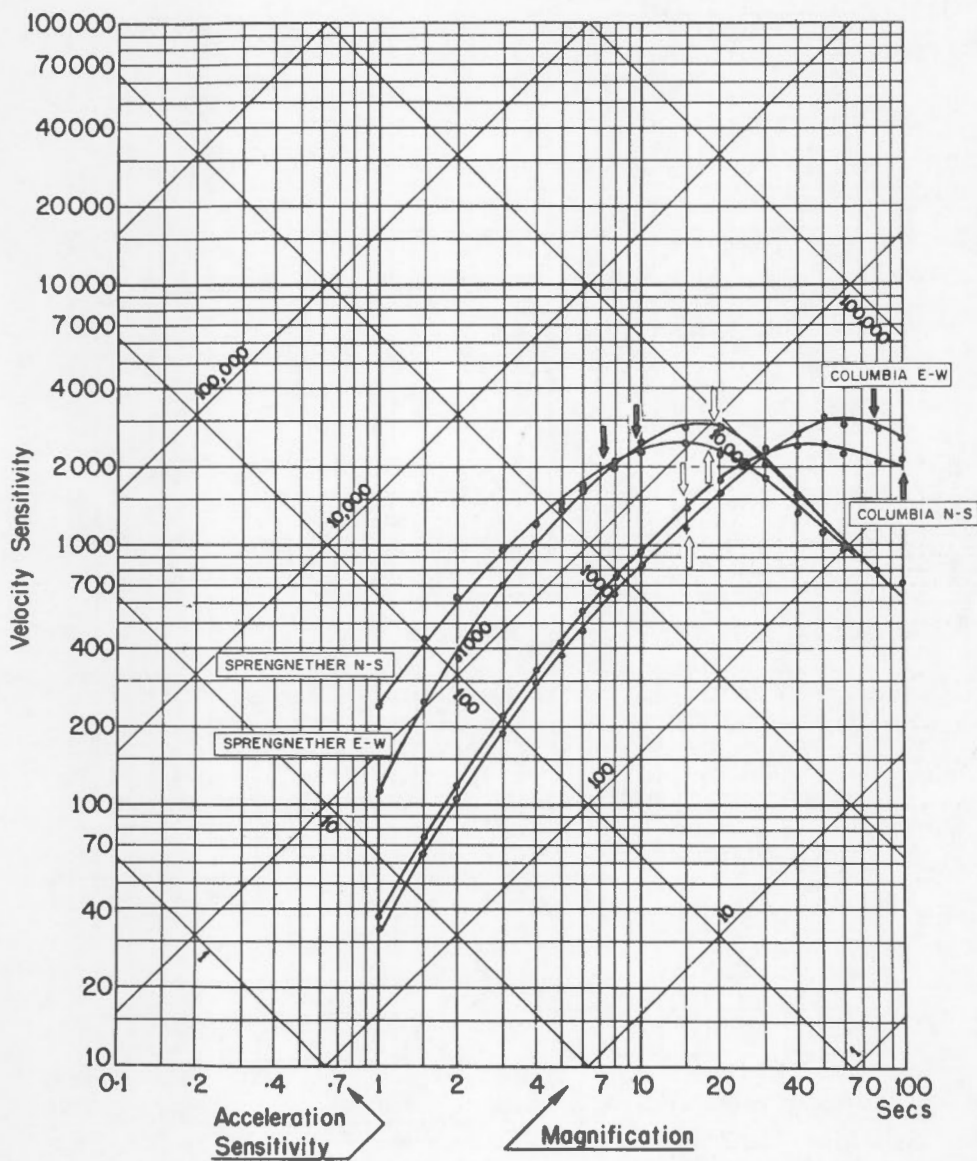
Foundation: Boulder clay on limestone

$T_s \uparrow$

$T_g \uparrow$

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

STATION: RESOLUTE HORIZONTALS



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

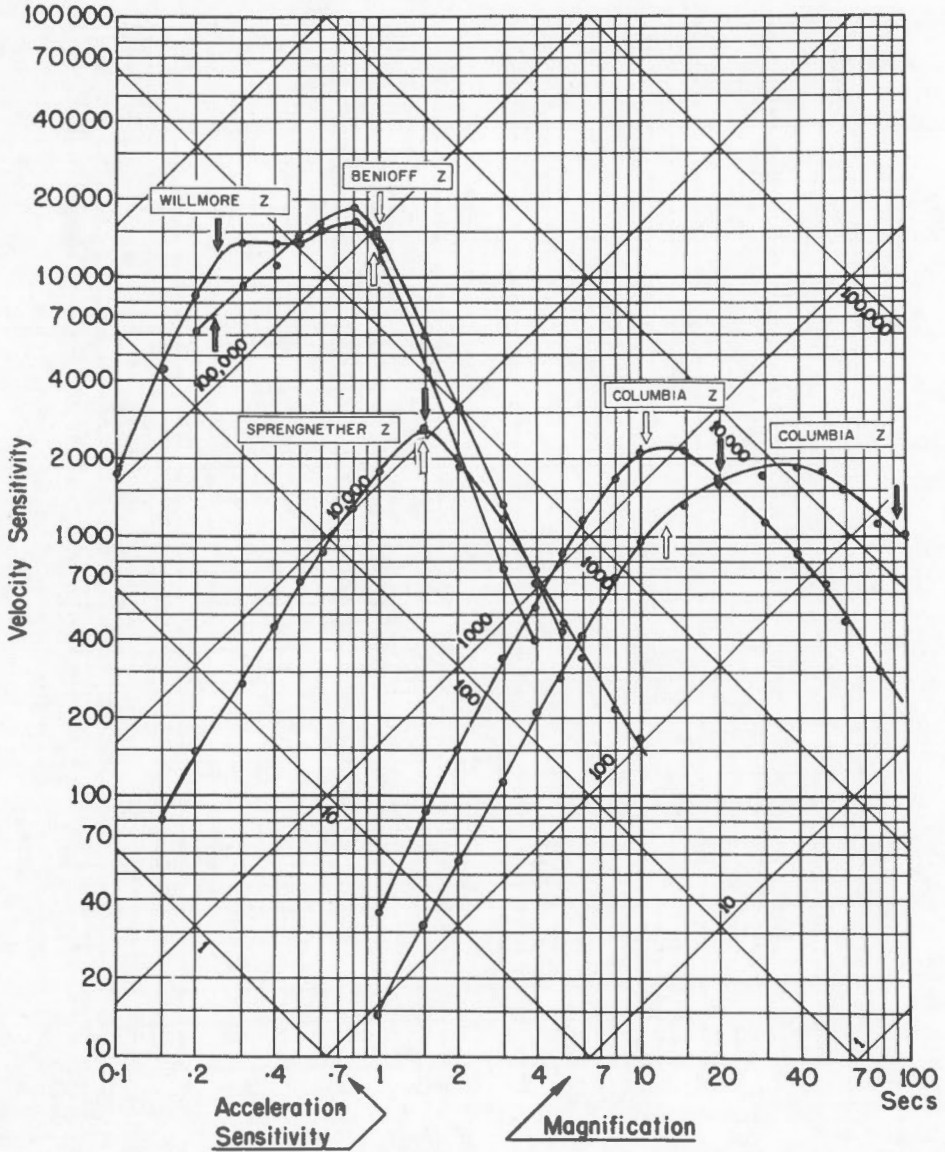
Foundation : Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: December 1957

STATION: RESOLUTE VERTICALS



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

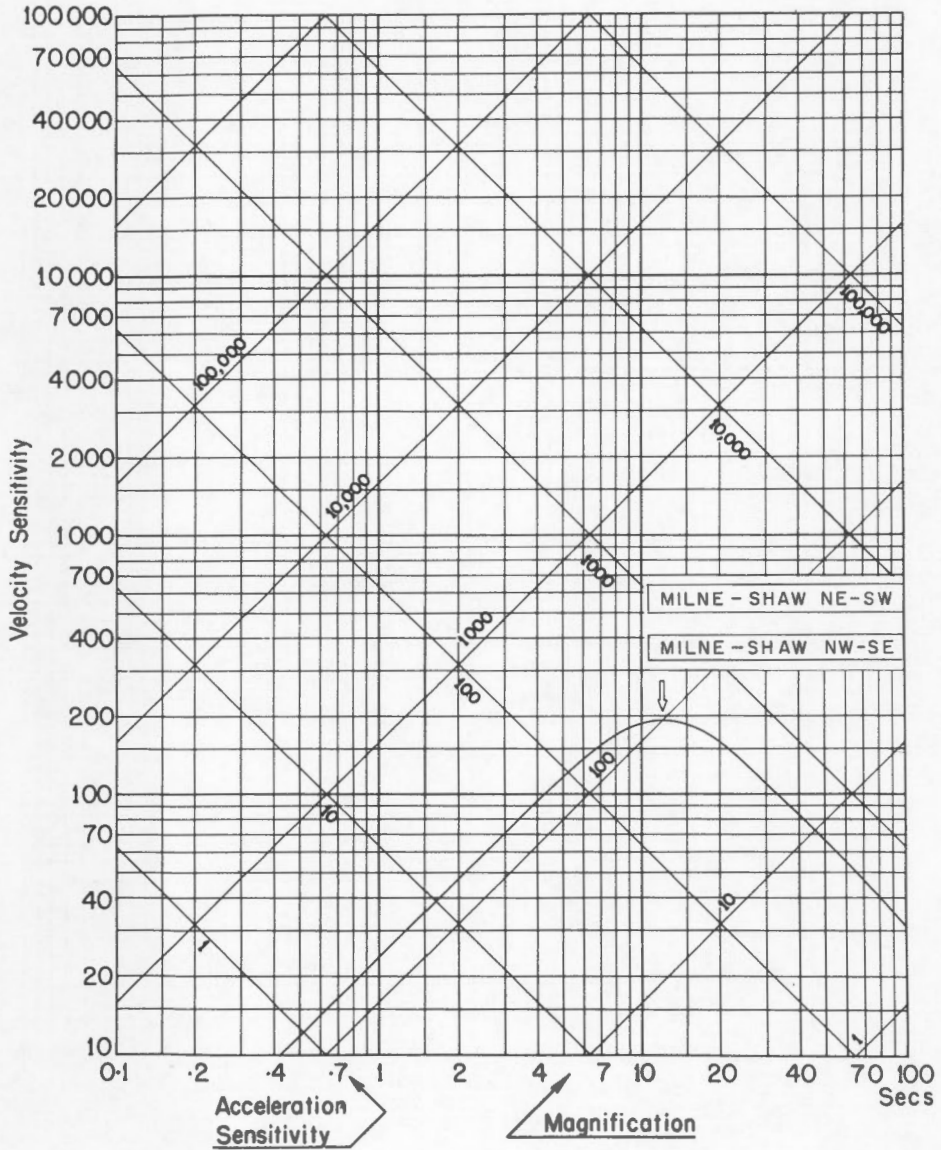
Foundation : Early Palaeozoic limestone

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration:    December 1957

STATION: SASKATOON



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

Foundation : Clay and Sand

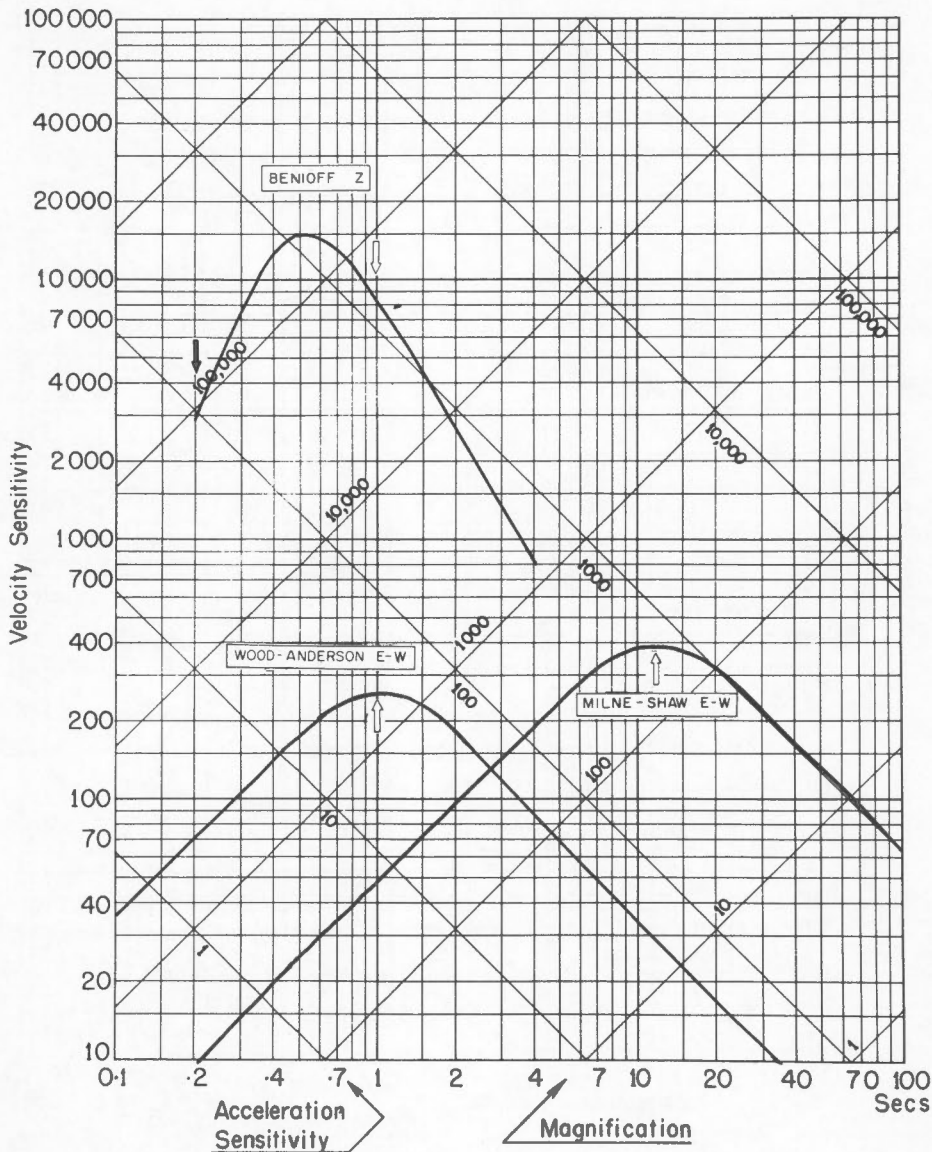
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: -

CALIBRATION CURVES

STATION: SEVEN FALLS



$\phi = 47^{\circ} 07.4'N$      $\lambda = 70^{\circ} 49.6'W$     Altitude 232 M

Foundation : Precambrian basement rock

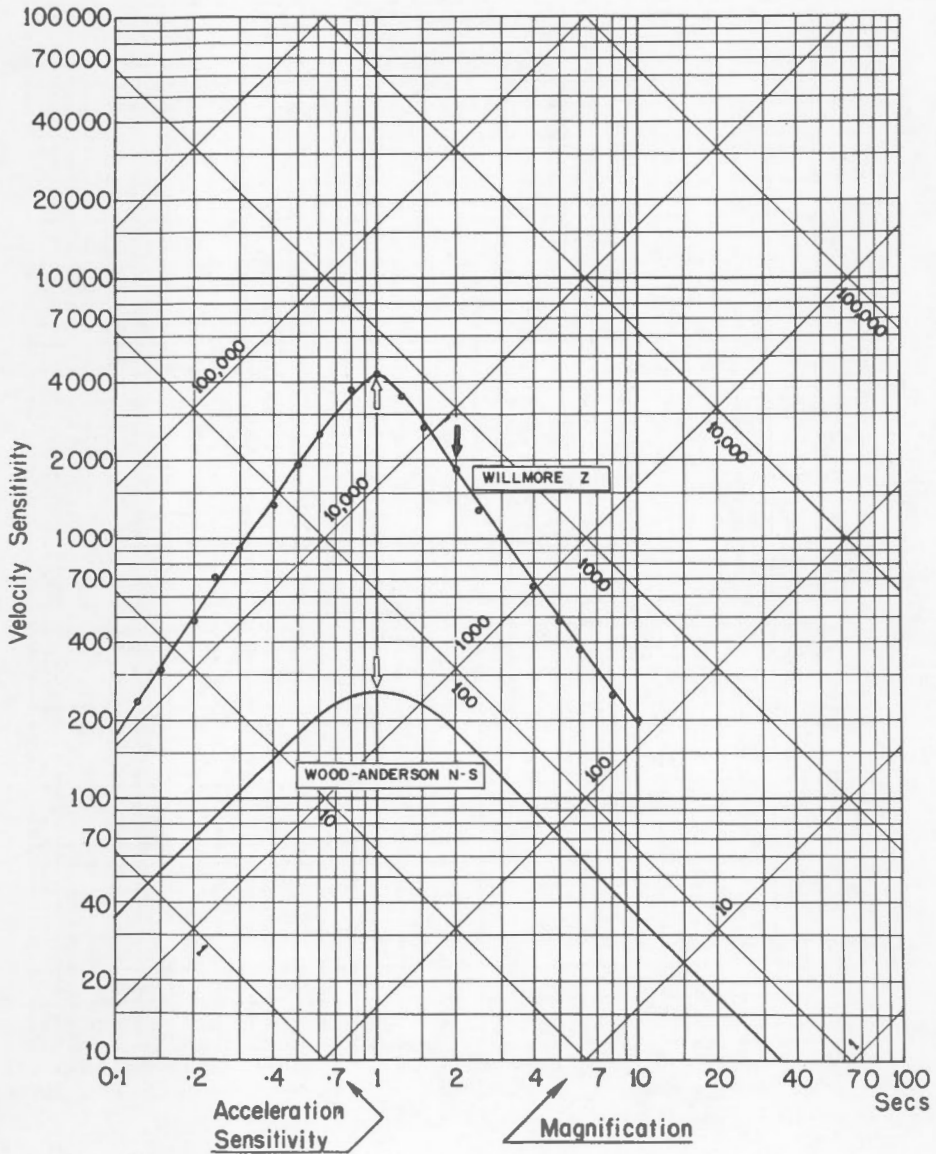
$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: Estimated

### CALIBRATION CURVES

STATION: SHAWINIGAN FALLS



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

Foundation : Precambrian basement

$T_s \uparrow$

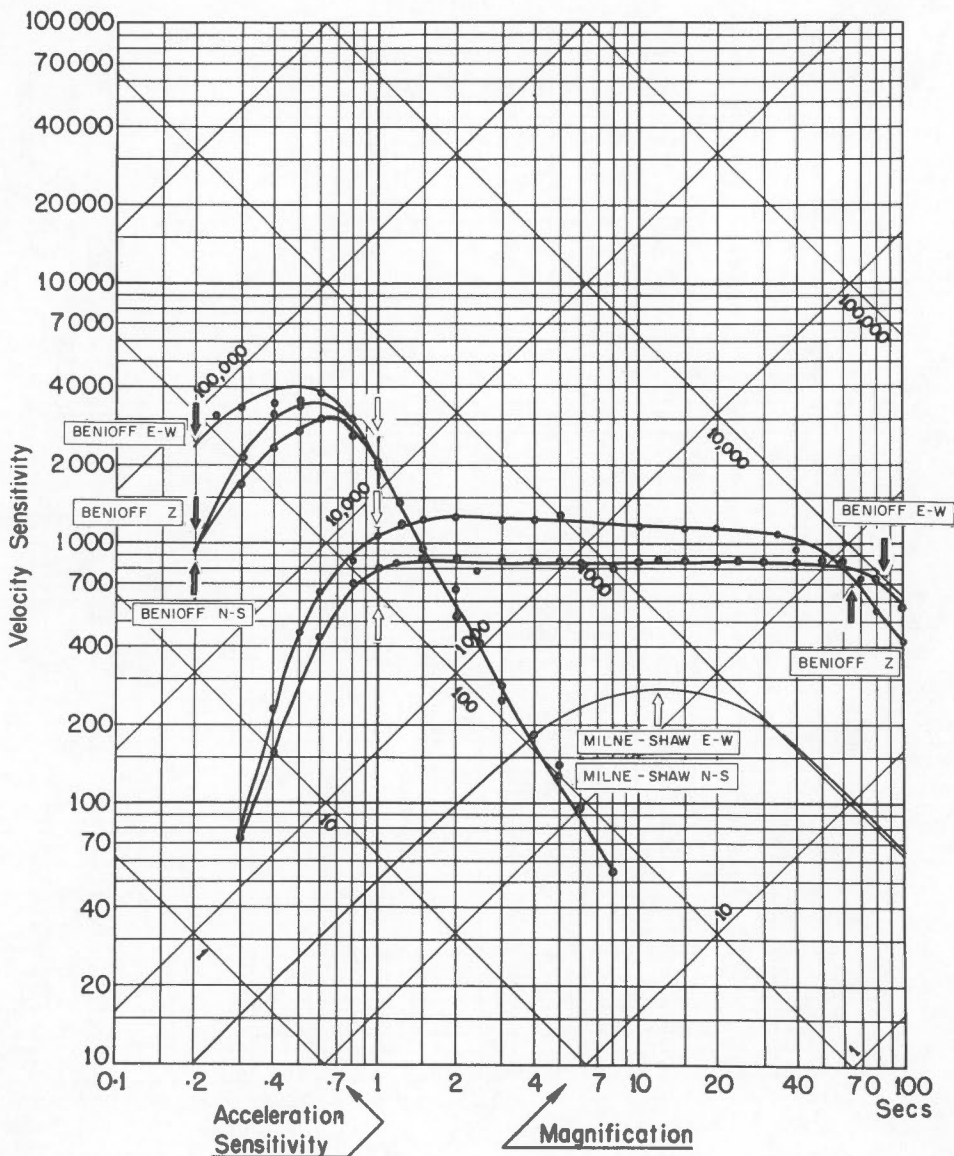
$T_g \uparrow$

Date of Calibration: December 10th, 1956.



CALIBRATION CURVES

STATION: VICTORIA



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

Foundation : Quartz diorite

$T_s \uparrow$

$T_g \uparrow$

Date of Calibration: July 4 1957

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

SEISMOLOGICAL BULLETIN - 1958

JANUARY - MARCH

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

JANUARY 1  
 Resolute  
 eP 07 10 11 d

JANUARY 1  
 U. S. C. G. S.  
 52 N, 171 1/2W  
 Fox Islands, Aleutian  
 Islands  
 H = 15 06 08  
 Banff  
 iP 15 12 58 c  
 Ottawa  
 eP 15 16 12  
 Resolute  
 eP 15 13 22 c  
 PcP 15 15 43  
 iS 15 19 26  
 SS 15 22 05  
 eL 15 24.6  
 Seven Falls  
 eP 15 16 19  
 Shawinigan Falls  
 iP 15 16 17

JANUARY 2  
 U. S. C. G. S.  
 5 S, 152E  
 New Britain  
 H = 00 21 22  
 Horseshoe Bay  
 iP 00 34 27  
 Resolute  
 eP 00 35 15  
 eS 00 46 44  
 eSS 00 53.0  
 eL 01 03.5

JANUARY 2  
 Resolute  
 eP 01 41 32 d

JANUARY 2  
 U. S. C. G. S.  
 36 1/2N, 22E  
 Off south coast of  
 Greece  
 H = 02 08 15  
 Halifax  
 iP 02 18 56 d  
 Ottawa  
 eP 02 19 14 c  
 Resolute  
 iP 02 18 37 c  
 eS 02 27 06  
 eL 02 36.2  
 Seven Falls  
 eP 02 19 06  
 i 02 19 19  
 Shawinigan Falls  
 eP 02 18 59

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

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

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

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

JANUARY 2  
 U. S. C. G. S.  
 11 1/2N, 60 1/2W  
 Northeast of  
 Trinidad  
 H = 22 35 29  
 Ottawa  
 eP 22 42 38 c  
 Resolute  
 eP 22 46 21 c  
 eS 22 55 09  
 eL 23 03.4  
 Shawinigan Falls  
 iP 22 42 41 c

DOMINION OBSERVATORIES

JANUARY 3  
U. S. C. G. S.  
29 1/2N, 141E  
South of Honshu,  
Japan  
H = 01 55 10  
Resolute  
eP 02 06 22.5 d  
iP 02 06 23 c  
eL 02 25 30

JANUARY 3  
U. S. C. G. S.  
32N, 41 1/2W  
North Atlantic Ocean  
H = 06 24 31  
Banff  
eP 06 34 13  
Halifax  
eS 06 33 22  
Resolute  
eP 06 33 30.5 c  
iP 06 33 31 d  
eS 06 40 40  
SS 06 44 18  
eL 06 45.5

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

JANUARY 3  
U. S. C. G. S.  
32N, 41 1/2W  
North Atlantic Ocean  
H = 06 24 31  
Shawinigan Falls  
eP 06 30 35

JANUARY 3  
U. S. C. G. S.  
31N, 40 1/2W  
North Atlantic Ocean  
H = 06 49 56  
Resolute  
eP 06 59 03 c  
eL 07 11 32

Shawinigan Falls  
eP 06 56 00

JANUARY 3  
U. S. C. G. S.  
31N, 40 1/2W  
North Atlantic Ocean  
H = 07 02 07  
Banff  
eP 07 11 56  
Resolute  
eP 07 11 14  
eS 07 18 20  
SS 07 22 06  
eL 07 24.4  
Seven Falls  
eP 07 08 06  
Shawinigan Falls  
eP 07 08 13

JANUARY 3  
Resolute  
eP 07 24 48 c

JANUARY 3  
U. S. C. G. S.  
31 1/2N, 41W  
North Atlantic Ocean  
H = 07 55 40  
Horseshoe Bay  
iP 08 06 14  
Resolute  
eP 08 04 40  
eL 08 22 10

JANUARY 3  
U. S. C. G. S.  
32 1/2N, 41W  
North Atlantic Ocean  
H = 08 33 31  
Resolute  
eP 08 42 28  
eS 08 49 52  
eL 08 57.5

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

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

JANUARY 3  
U. S. C. G. S.  
31 1/2N, 40 1/2W  
North Atlantic Ocean  
H = 09 25 47  
Resolute  
eP 09 34 49  
eL 09 49.5  
Seven Falls  
eP 09 31 42  
Shawinigan Falls  
eP 09 31 52

JANUARY 3  
U. S. C. G. S.  
31 1/2N, 41W  
North Atlantic Ocean  
H = 10 12 33  
Resolute  
eP 10 21 34 c  
eL 11 05.0  
Shawinigan Falls  
eP 10 18 40

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

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JANUARY 3	eS	06 56 08	Resolute	
U. S. C. G. S.	SS	06 59 38	eP	08 39 58
22S, 65E	eL	07 00.1	eL	09 14.0
Mascarene Islands	Seven Falls			
Region	eP	06 45 35		
H = 17 47 12	Shawinigan Falls		JANUARY 4	
Alberni	eP	06 45 46	U. S. C. G. S.	
eP			6S, 133E	
Ottawa	JANUARY 4		Banda Sea	
eP'	U. S. C. G. S.		H = 13 05 24	
18 07 10	17N, 99 1/2W		Seven Falls	
Ottawa	Guerrero, Mexico		eSKP	13 28 10
eP'	H = 08 02 20			
18 06 39	Mag. 5 3/4			
Resolute	Banff			
iP'	iP	08 09 27 c	JANUARY 4	
18 06 18 d	Horseshoe Bay		U. S. C. G. S.	
SS	eP	08 09 37 c	32N, 41W	
18 25 19	e	08 09 45 c	North Atlantic Ocean	
eL	eL	08 22.6	H = 15 33 54	
18 40.0	Ottawa		Resolute	
Seven Falls	eP	08 09 13 c	eP	15 42 53
eP'	Resolute		eL	15 55.5
18 06 39	iP	08 12 13 c		
Shawinigan Falls	eS	08 20 26		
eP'	eL	08 26 40	JANUARY 4	
18 06 42	Saskatoon		U. S. C. G. S.	
	e	08 21 26	8 1/2S, 112E	
	e	08 23 56	Off south coast of	
	Seven Falls		Java	
	eP	08 09 43	H = 23 21 38	
	Shawinigan Falls		h = 200 km	
	eP	08 09 34 c	Seven Falls	
	Victoria		eP'	23 40 48
	iP	08 09 34		
JANUARY 3			JANUARY 5	
Resolute	JANUARY 4		U. S. C. G. S.	
eP	Resolute		2N, 122 1/2E	
22 13 18 c	i	08 26 36	Celebes Sea	
e	i	08 26 42	H = 08 05 11	
22 20 28			h = 550 km	
e			Ottawa	
22 24.0			iP'	08 23 25 c
e			SKP	08 26 00
22 30 34			Resolute	
Seven Falls			eP	08 18 04
eP			sP	08 30 25
22 16 34 d			PS	08 31 25
			sSS	08 39 00
JANUARY 4				
Resolute				
i				
03 13 41 d				
e				
03 13 47				
e				
03 14 08				
Local shock				
JANUARY 4				
U. S. C. G. S.				
31 1/2N, 40 1/2W				
North Atlantic Ocean				
H = 06 39 45				
Halifax				
eP				
06 44 44				
iS				
06 48 50				
Resolute				
iP				
06 48 46 c				

DOMINION OBSERVATORIES

PP'	08 42 36	Victoria		JANUARY 6
SKPP'	08 46 00	iP	11 41 09	Horseshoe Bay
Seven Falls				e 02 51 35.8
eP'	08 23 23 d			e 02 52 08
SKP	08 25 58	JANUARY 5		Local shock
Shawinigan Falls		U. S. C. G. S.		Victoria
eP'	08 23 24 d	6S, 155E		e 02 51 47.8
PP	08 25 46	Solomon Islands		e 02 51 51.8
SKP	08 26 00	H = 12 28 20		
sP'	08 26 14	h = 100 km		
PKS	08 26 39	Ottawa		JANUARY 6
		iP'	12 47 09 c	U. S. C. G. S.
		Seven Falls		54 1/2N, 161W
		eP'	12 47 13	Unimak Island
		Shawinigan Falls		region
		iP'	12 47 11	H = 09 07 40
				Resolute
				iP 09 14 12 d
				eS 09 19 29
				eL 09 24.3
JANUARY 5		JANUARY 5		
U. S. C. G. S.		Ottawa		
56 1/2N, 121E		eP	15 41 36	
Stanovoi Mountains,				
Siberia				
H = 11 30 44				
Banff				
eP	11 41 20 c			
Halifax				
iP	11 42 52 d			
eS	11 52 53			
eSSS	12 01 35			
Horseshoe Bay				
iP	11 41 06 c			
eL	12 03.7			
Ottawa				
iP	11 42 42 d			
Resolute				
eP	11 39 15 c			
iP	11 39 15.5 d			
PP	11 41 11			
eS	11 46 11			
SS	11 49 40			
eL	11 51.1			
Saskatoon				
e	12 05 13			
Seven Falls				
P	11 42 35			
PP	11 45 30			
PPP	11 47 12			
S	11 52 22			
SS	11 57 18			
L	12 05 18			
Shawinigan Falls				
eP	11 42 38 d			

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JANUARY 6		Banff		JANUARY 9	
U.S.C.G.S.		eP	11 27 24	Seven Falls	
39N, 69W		Horseshoe Bay		eP	21 22 30
Tadzhik (U.S.S.R.)		eP	11 27 02 d	e	21 24 43
H = 06 05 08		Ottawa			
Resolute		eP'	11 32 44 d		
iP	06 15 59 c	Resolute		JANUARY 10	
eL	06 39.0	SS	11 46 20	U.S.C.G.S.	
Seven Falls		Seven Falls		52N 171W	
eP	06 18 01	eP'	11 32 47	Fox Islands	
Shawinigan Falls		Shawinigan Falls		Aleutian Island	
iP	06 18 06 d	eP'	11 32 45	H = 13 37 14	
				Ottawa	
				eP	13 47 15 c
JANUARY 7		JANUARY 9		Resolute	
Resolute		U.S.C.G.S.		eP	13 44 25 c
i	08 06 47	44 1/2N 85E		P <sub>c</sub> P	13 46 46
i	08 06 54	Suikiang Province, China		eS	13 50 14
Local shock		H = 17 39 24		SS	13 53 16
		Banff		eL	13 55 0
JANUARY 7		iP	17 51 51 c	Shawinigan Falls	
Resolute		Ottawa		cP	13 47 19 c
i	15 35 08	eP	17 52 21 c		
i	15 35 35	Resolute		JANUARY 10	
Local shock		iP	17 49 40 c	Resolute	
		eS	17 58 07	iP	22 37 38 c
JANUARY 8		SS	18 02 40		
Resolute		eL	18 05 1		
i	08 53 53 d	Seven Falls		JANUARY 10	
e	08 54 16	iP	17 52 09 c	U.S.C.G.S.	
Local shock		i	17 52 18	44 1/2N 148E	
		Shawinigan		Kurile Islands	
JANUARY 8		iP	17 52 14 c	H = 22 57 12	
Horseshoe Bay				Resolute	
i	19 24 16.2	JANUARY 9		eP	23 06 36.8 d
i	19 24 21.7	Resolute		iP	23 06 37 c
Local shock		e	20 01 31		
		e	20 02 12		
JANUARY 9		Local shock			
U.S.C.G.S.				JANUARY 11	
5 1/2S, 147E		JANUARY 9		U.S.C.G.S.	
Near north coast of New Guinea		Resolute		55N 161E	
H = 11 13 56		e	21 17 04	Kamchatka	
h = 150km		e	21 18 52	H = 04 47 35	
		Local shock		Ottawa	
				iP	04 58 41 c
				Resolute	
				iP	04 55 21 d

DOMINION OBSERVATORIES

P<sub>C</sub>P 04 57 20  
 Seven Falls  
 iP 04 58 42 c  
 Shawinigan Falls  
 iP 04 58 42 d

JANUARY 11  
 Fox Islands,  
 Aleutian Islands  
 H = 08 36 01  
 Resolute  
 eP 08 43 06  
 i 08 43 08  
 Seven Falls  
 eP 08 45 51

JANUARY 11  
 U.S.C.G.S.  
 23 1/2S 177W  
 Tonga Islands Region  
 H = 13 18 47  
 Alberni  
 eP 13 31 33  
 Banff  
 eP 13 31 59 c  
 Horseshoe Bay  
 iP 13 31 48 c  
 iS 13 42 14  
 Resolute  
 P' 13 37 17  
 PP 13 39 10  
 SKKS 13 45 05  
 PS 13 48 23  
 SSS 13 58 26  
 Seven Falls  
 eP' 13 37 34 c  
 PKKP 13 48 00  
 SKKP 13 51 52  
 Shawinigan Falls  
 eP' 13 37 36  
 PKKP 13 48 06  
 SKKP 13 52 01  
 Victoria  
 eP 13 31 34

JANUARY 11  
 U. S. C. G. S.  
 45 1/2N 143E  
 Near north coast  
 of Hokkaido, Japan  
 H = 23 21 00  
 Resolute  
 iP 23 30 25 d

JANUARY 12  
 Resolute  
 eP 14 17 31 c

JANUARY 12  
 U.S.C.G.S.  
 31 1/2N 41W  
 Atlantic Ocean  
 H = 14 55 09  
 Banff  
 eP 15 04 53  
 Halifax  
 iP 15 00 06  
 eS 15 04 04  
 eSSS 15 05 16  
 eL 15 05 54  
 Ottawa  
 eP 15 01 24  
 Resolute  
 eP 15 04 08  
 eS 15 11 24  
 SS 15 15 00  
 eL 15 16.5

Seven Falls  
 eP 15 00 59  
 PP 15 01 57  
 Shawinigan Falls  
 eP 15 01 03

JANUARY 12  
 Resolute  
 eP 17 29 48  
 e 17 40 24

JANUARY 13  
 U.S. C.G.S.  
 52 1/2N 177E

Rat Islands,  
 Aleutian Islands  
 H = 00 02 24  
 h = 100km  
 Banff  
 iP 00 09 54 c  
 Horseshoe Bay  
 eP 00 09 27 c  
 Ottawa  
 iP 00 12 51 c  
 P<sub>C</sub>P 00 13 25  
 PP 00 15 10

Resolute  
 iP 00 09 51 c  
 PP 00 11 34  
 eS 00 15 31  
 SS 00 18 55  
 sSS 00 19 30  
 ScS 00 20 00

Seven Falls  
 iP 00 12 57  
 i 00 13 02  
 P<sub>C</sub>P 00 13 30  
 Shawinigan Falls  
 iP 00 12 54 c  
 P<sub>C</sub>P 00 13 28  
 PP 00 15 13  
 Victoria  
 eP 00 09 29 c

JANUARY 13  
 7N 83W  
 Off south coast of Panama  
 H = 02 52 40  
 Horseshoe Bay  
 iP 03 07 14 c  
 Ottawa  
 eP 03 00 07  
 Resolute  
 eP 03 03 40  
 eS 03 12 35  
 e 03 20 09  
 eL 03 22 0  
 Seven Falls  
 eP 03 00 37  
 Shawinigan Falls  
 eP 03 00 29

SEISMOLOGICAL BULLETIN - 1958

JANUARY 13  
11S 166E  
Santa Cruz Islands  
H = 02 54 37  
h = 100km

Ottawa  
eP' 03 13 18  
Resolute  
eP 03 08 30  
e 03 27.0  
SKPP' 03 37.0  
e 03 42.0

Seven Falls  
eP' 03 13 21  
Shawinigan Falls  
eP' 03 13 21 d  
PKS 03 16 54

JANUARY 13  
Resolute  
e 06 57 16  
e 06 57 29  
Local shock

JANUARY 13  
20S 69 1/2W  
Northern Chile  
H = 09 39 58  
Seven Falls  
eP 09 50 54

JANUARY 13  
U.S.C.G.S.  
20S 69 1/2W  
Northern Chile  
H = 13 09 40  
Seven Falls  
eP 13 20 36  
Shawinigan Falls  
eP 13 20 32

JANUARY 13  
U.S.C.G.S.  
27 1/2N 130E

Ryukyu Islands  
H = 13 19 49  
Resolute  
eP 13 31 29.5 d  
iP 13 31 30 c

JANUARY 13  
Ottawa  
eP 15 59 54

JANUARY 13  
U.S.C.G.S.  
11 1/2N 92 1/2E  
Andaman Islands  
H = 20 14 27  
Ottawa  
eP' 20 33 26  
Resolute  
iP 20 27 47 d  
PP 20 31 30  
eS 20 38 20  
SS 20 45 33  
eL 21 02.5  
Seven Falls  
eP' 20 33 20  
Shawinigan Falls  
iP' 20 33 22 c

JANUARY 14  
U.S.C.G.S.  
51 1/2N 178 1/2E  
Rat Islands,  
Aleutian Islands  
H = 01 33 55  
h = 100km  
Resolute  
eP 01 41 28 d  
eS 01 47 14  
Seven Falls  
eP 01 44 29  
Shawinigan Falls  
eP 01 44 27

JANUARY 14  
U.S.C.G.S.  
22S 175W  
Tonga Islands  
H = 05 54 48

Resolute  
eP 06 09 17  
P' 06 13 19  
eS 06 21 24  
PS 06 23 12  
PSPS 06 29 35  
eL 06 39.3

JANUARY 14  
U.S.C.G.S.  
29S 179W  
Kermadec Islands  
H = 07 20 25  
h = 350km  
Ottawa  
iP' 07 38 38 c  
Resolute  
iP 07 38 32 d  
PP 07 40 06  
PS 07 49 06  
Seven Falls  
eP' 07 38 44  
Shawinigan Falls  
eP' 07 38 41

JANUARY 14  
U.S.C.G.S.  
39 1/2N 41E  
Eastern Turkey  
H = 13 34 40  
Resolute  
eP 13 45 00  
eS 13 53 30  
eL 14 00.0

JANUARY 15  
Resolute  
e 00 34 00  
i 00 34 06  
i 00 34 11  
Local shock



DOMINION OBSERVATORIES

JANUARY 15		Horseshoe Bay		Ottawa
Resolute		iP	19 26 31C,N,W	eP' 22 34 39
eP	02 38 10	iS	19 36 30	Resolute
		Ottawa		eP 22 30 00
		eP	19 24 43	PP 22 34 16
JANUARY 15		PP	19 27 07	PS 22 45.0
U.S.C.G.S.		S	19 33 02	Seven Falls
43N 136E		SS	19 37 04	eP' 22 34 40
Near coast of Siberia		SSS	19 39 20	
H = 04 10 45		Resolute		
Resolute		iP	19 27 33 c	JANUARY 15
iP	04 20 37 d	PP	19 31 10	Resolute
iP <sub>c</sub> P	04 21 27 c	PPP	19 31 43	e 22 58 11
ePP	04 22 49 c	SKS	19 37 14	i 22 58 16
		SKKS	19 37 58	i 22 58 49
		S	19 38 30	i 22 58 53
JANUARY 15		SS	19 44 40	Local shock
U.S.C.G.S.		SSS	19 49 28	
Near coast of El Salvador		Saskatoon		
H = 07 37 40		iP	19 26 03	JANUARY 16
Resolute		iS	19 35 33	Resolute
iP	07 47 53 c	eL	19 50.3	eP 00 27 21
		Seven Falls		
		iP	19 24 54 c	
JANUARY 15		P <sub>c</sub> P	19 25 35	JANUARY 16
U.S.C.G.S.		PP	19 27 16	U.S.C.G.S.
40N 51 1/2E		S	19 33 30	Northern Iran
Caspian Sea		SS	19 37 56	H = 02 04 24
H = 13 15 31		L	19 41 22	Resolute
Resolute		Shawinigan Falls		eP 02 15 21
eP	13 26 04	iP	19 24 50 c	eS 02 24 37
		P <sub>c</sub> P	19 25 33	Seven Falls
		PP	19 27 08	iP 02 16 51 d
		PPP	19 28 27	
		S	19 33 08	
JANUARY 15		Victoria		JANUARY 16
U.S.C.G.S.		iP	19 26 29C,N,W	U.S.C.G.S.
16 1/2S 71 1/2W				39 1/2N 25E
Southern Peru				Aegean Sea
H = 19 14 29				H = 04 18 10
h = 100km		JANUARY 15		Ottawa
Mag. = 7		Seven Falls		eP 04 29 32
Alberni		e(P)	19 53 40	Resolute
eP	19 26 37			eP 04 28 20 c
Banff				eL 04 46.0
iP	19 26 18 c	JANUARY 15		Seven Falls
Halifax		13 1/2S 167E		eP 04 29 04
iP	19 24 41 c	New Hebrides Islands		Shawinigan Falls
iPP	19 26 56	H = 22 15 44		eP 04 29 15
iS	19 32 52			
eSS	19 36 45			

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JANUARY 16			Shawinigan Falls
U.S.C.G.S.		Resolute	eP 15 27 37
14S 167E		eP 07 35 22	
New Hebrides Islands		P' 07 35 24 d	
H = 11 03 32		e 07 43 46	JANUARY 19
Resolute		SS 07 58 05	U.S.C.G.S.
SS	11 37 33	PSPS 07 59 20	25N 122 1/2E
eL	11 47.4	eL 08 16 -	Off northeast coast of Formosa
		Seven Falls	H = 09 10 55
		eP <sub>1</sub> ' 07 35 39	Resolute
JANUARY 17		Shawinigan Falls	eP 09 22 54
U.S.C.G.S.		eP <sub>1</sub> ' 07 35 41	
1S 127E			
Spice Islands			JANUARY 19
H = 04 14 02			Alberni
Ottawa		JANUARY 17	i 12 58 41.5
eP'	04 33 30	Resolute	i 12 58 55.4
SKP	04 36 42	eP 15 37 58 c	Local shock
Resolute		e 15 41 09	Horseshoe Bay
eP	04 28 01		i 12 58 25.3
SS	04 47 -	JANUARY 18	Local shock
eL	04 58 -	Resolute	Lillooet
Seven Falls		e 02 04 35	e 12 58 29.8
eP'	04 33 25	e 02 04 41	Local shock
SKP	04 36 42	i 02 04 55	
Shawinigan Falls		i 02 05 00	
eP'	04 33 33	Local shock	
SKP	04 36 43		JANUARY 19
			U.S.C.G.S.
JANUARY 17			1 1/2N 79 1/2W
Tucuman Province,		JANUARY 18	Near coast of Ecuador
Argentina		Resolute	H = 14 07 27
H = 05 23 08		eP 03 28 29	h = 60km
h = 150km			Mag. 7 1/2
Ottawa		JANUARY 18	Alberni
eP	05 34 29	U.S.C.G.S.	eP 14 17 45
Seven Falls		29S 13W	Banff
eP	05 34 37 d	North of Tristanda	eP 14 17 15
Shawinigan Falls		Cunha	Halifax
eP	05 34 34	H = 15 14 26	iP 14 15 45 c
		Ottawa	iPPP 14 18 33
JANUARY 17		eP 15 27 32	Horseshoe Bay
52S 139 1/2E		e 15 27 46	eP 14 17 36
Antarctic Ocean		Resolute	eS 14 25 56
H = 07 15 38		eP' 15 33 12	Lillooet
Ottawa		eL 16 01 -	eP 14 17 19
eP'	07 35 42	Seven Falls	Ottawa
		eP 15 27 26	iP 14 15 31 c
			PP 14 17 20

DOMINION OBSERVATORIES

e	14 19 40	Shawinigan Falls	H = 07 13 02
e	14 20 19	iP	14 51 46 c
S	14 22 00	S	14 58 28
Resolute		Victoria	Resolute
eP	14 18 57 c	eP	eP 07 25 45
e	14 20 20		
PPP	14 23 40	JANUARY 19	JANUARY 20
eS	14 28 20	U.S.C.G.S.	U.S.C.G.S.
eL	14 38 -	5 1/2N 95E	30 1/2S 71 1/2W
Saskatoon		Near coast of Sumatra	Northern Chile
eP	14 17 00	H = 16 50 13	H = 09 55 44
iS	14 24 48	Resolute	Ottawa
Seven Falls		eP	iP 10 07 35 c
eP	14 15 50	Seven Falls	Resolute
PP	14 17 44	eP'	(PSPS) 10 30 04
S	14 22 42		eL 10 43.4
ScS	14 25 52		Seven Falls
Shawinigan Falls		JANUARY 20	eP 10 07 44 c
iP	14 15 43 c	U.S.C.G.S.	Shawinigan Falls
PP	14 17 41	30 1/2S 71 1/2W	eP 10 07 41
S	14 22 29	Northern Chile	
Victoria		H = 02 19 53	
eP	14 17 34	Halifax	JANUARY 20
		iP	Resolute
		02 31 41 d	iP 12 13 35 d
JANUARY 19		Horseshoe Bay	i 12 15 09
U.S.C.G.S.		eP	
1 1/2N 79W		02 33 03 d	
Ecuador aftershock		Ottawa	
H = 14 43 24		P	
h = 60km		02 31 42 d	
Mag. 6 3/4		S	
Alberni		02 41 23	JANUARY 21
eP	14 53 45	Resolute	U.S.C.G.S.
Banff		eP	29S 73W
eP	14 53 18	e	Near coast of Chile
Halifax		eS	H = 08 06 56
iP	14 51 47 c	PS	Ottawa
Horseshoe Bay		02 47 40	eP 08 18 41
eP	14 53 38 c	SS	Seven Falls
Ottawa		eL	eP 08 18 48
iP	14 51 33 c	03 03 -	Shawinigan Falls
Resolute		Seven Falls	eP 08 18 51
iP	14 54 59	eP	
Seven Falls		02 31 51 c	
eP	14 51 52 c	S	
S	14 58 43	02 41 42	
		Shawinigan Falls	
		iP	
		02 31 46 c	
			JANUARY 21
			Alberni
		JANUARY 20	e 20 59 26.7
		U.S.C.G.S.	e 20 59 32.7
		14 1/2N 120E	Local shock
		Near coast of Luzon,	Horseshoe Bay
		Philippine Islands.	e 20 59 25.0 c

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e	20 59 38	JANUARY 22	JANUARY 23
Local shock		U.S.C.G.S.	U.S.C.G.S.
Victoria		54N 170E	18 1/2S 170E
i	20 59 09.9 C,N,E	Komandorskie Islands	New Hebrides Islands
e	20 59 14.2	H = 23 31 43	H = 08 52 23
Local shock		Ottawa	h = 150km
		eP 23 42 32 d	Banff
		Resolute	eP 09 05 30
		iP 23 39 22 c	Horseshoe Bay
		eL 23 48 40	eP 09 05 07 c
JANUARY 21		Seven Falls	Ottawa
Alberni		eP 23 42 36	iP' 09 10 55 d
e	21 22 32.6	Shawinigan Falls	Seven Falls
e	21 22 49.4	eP 23 42 34 d	iP' 09 11 01 d
Local shock			Victoria
Horseshoe Bay		JANUARY 23	eP 09 05 05
e	21 22 30.4	U.S.C.G.S.	
e	21 22 48	44 1/2N 146 1/2E	
Local shock		Kurile Islands	
Victoria		H = 02 34 09	JANUARY 23
i	21 22 15.5 C,N,E	h = 150km	U.S.C.G.S.
i	21 22 19.7	Banff	65N 6 1/2E
		eP 02 43 14	Off west coast of Norway.
JANUARY 22		Horseshoe Bay	H = 13 35 03
U.S.C.G.S.		iP 02 43 54 d	Ottawa
23N 121 1/2E		Ottawa	eP 13 43 38
Near east coast of Formosa		iP 02 46 22 c	Resolute
H = 18 29 11		Resolute	eP 13 41 29
h = 200km		eP 02 43 23 c	eS 13 46 42
Alberni		i 02 43 24 d	eL 13 48.8
eP 18 41 40		e 02 54 05	S <sub>c</sub> S 13 52 00
Banff		SSS 02 57 40	eL 13 55 -
eP 18 41 56		Seven Falls	Seven Falls
Horseshoe Bay		eP 02 46 22 c	eP 13 43 11 d
eP 18 41 44		Shawinigan Falls	Shawinigan Falls
Resolute		eP 02 46 23 c	eP 13 43 22
iP 18 40 59 c		Victoria	
e(S) 19 01 31		eP 02 43 58 D,N	
Victoria			JANUARY 24
eP 18 41 46			Resolute
		JANUARY 23	eP 04 11 52 d
		U.S.C.G.S.	
JANUARY 22		30 1/2N 84E	
Seven Falls		Southern Tibet	JANUARY 24
iP 21 18 07 c		H = 05 30 10	U.S.C.G.S.
		Resolute	56 1/2N 115 1/2E
		iP 05 41 53 d	Northeast of Lake Bajkal
			USSR
			H = 04 35 55

DOMINION OBSERVATORIES

Resolute		Ottawa		Shawinigan Falls
eP	04 44 30	iP	06 21 59 d	iP 18 14 25 c
eS	04 51 27	Resolute		Victoria
eL	04 55.0	iP	06 18 37 c	eP 18 11 17 c
Seven Falls		PPP	06 20 44	
eP	04 47 48	eS	06 24 33	
		eL	06 26 -	JANUARY 24
JANUARY 24		Seven Falls		U. S. C. G. S.
U. S. C. G. S.		eP	06 22 01 d	Near Islands, Aleution Islands
56 1/2N 163E		Shawinigan Falls		H 22 58 57
Near east coast of		eP	06 22 01	Ottawa
Kamchatka				eP 23 09 54
H = 05 53 58				Resolute
Mag. 6 1/2		JANUARY 24		iP 23 06 44 d
Halifax		U. S. C. G. S.		Seven Falls
iP	06 05 26 d	49S 32E		eP 23 09 57
Ottawa		About 300 miles southwest		Shawinigan Falls
iP	06 04 54 d	of Prince Edward Island		eP 23 09 56
PP	06 07 13	H = 06 48 06		
S	06 13 47	Resolute		
Resolute		eP'	07 07 39	JANUARY 24
iP	06 01 33 c	P'	07 07 45 d	U. S. C. G. S.
PP	06 03 11	e	07 20 04	60N 152W
eS	06 07 29	SKSP	07 21 35	Kenai Peninsula, Alaska
eL	06 10.0	SSS	07 35 -	H = 23 17 29
Saskatoon		Seven Falls		h = 60km
eP	06 03 12	eP'	07 07 16	Mag. 6 1/4-6 1/2
eS	06 10 01	Shawinigan Falls		Alberni
eL	06 22.5	eP'	07 07 22	eP 23 21 49
Seven Falls				Banff
eP	06 04 56	JANUARY 24		iP 23 22 22 c
S	06 13 53	U. S. C. G. S.		Halifax
Shawinigan Falls		54N 170E		iP 23 26 34 c
eP	06 04 53 d	Komandorskie		i 23 26 54 c
		Islands Region		e 23 37 21
JANUARY 24		H = 18 03 32		Horseshoe Bay
Resolute		Horseshoe Bay		iP 23 21 56 C, S, E
iP	06 14 29 c	iP	18 11 04 c	eS 23 25 42
		Ottawa		Ottawa
JANUARY 24		iP	18 14 24 c	iP 23 25 46 c
U. S. C. G. S.		Resolute		Resolute
56 1/2N 163E		iP	18 11 14 c	iP 23 22 49 d
Near east coast of		eS	18 17 13	eS 23 27 06
Kamchatka		eL	18 20.4	S <sub>C</sub> P 23 29 49
H = 06 11 03		Seven Falls		Saskatoon
		eP	18 14 28 c	eP 23 23 01
				e 23 27 39

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Seven Falls  
 iP 23 25 54 c  
 P<sub>c</sub>P 23 27 43  
 S 23 32 40  
 PS 23 32 54  
 SS 23 36 07

Shawinigan Falls  
 iP 23 25 51 c  
 P<sub>c</sub>P 23 27 36  
 Victoria  
 iP 23 22 01 C, S, E,  
 eS 23 25 41  
 i 23 25 51

JANUARY 24  
 U. S. C. G. S.  
 17 1/2 S 178 1/2W  
 Fiji Islands  
 H = 23 53 29  
 h = 550km  
 Seven Falls  
 eP' 24 11 11 c  
 Shawinigan Falls  
 eP' 24 11 09

JANUARY 25  
 Resolute  
 e 09 23 12  
 e 09 47 54

JANUARY 25  
 Resolute  
 eP 18 04 01

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

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

Resolute  
 eP' 03 54 33  
 eL 04 30.4

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

Resolute  
 iP 06 51 11 c  
 eS 06 58 31  
 SS 07 02 06  
 eL 07 03.2  
 Shawinigan Falls  
 eP 06 54 14  
 Victoria  
 eP 06 51 30

JANUARY 26  
 U. S. C. G. S.  
 49 1/2N 155E  
 Kurile Islands  
 H = 07 28 33  
 Horseshoe Bay  
 eP 07 37 34  
 Ottawa  
 eP 07 40 20

Resolute  
 iP 07 37 13 c  
 eP<sub>c</sub>P 07 38 42  
 eS 07 44 08  
 SS 07 47 25  
 eL 07 50  
 Seven Falls  
 eP 07 40 22 e  
 Shawinigan Falls  
 eP 07 40 22  
 Victoria  
 eP 07 37 36

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

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

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

JANUARY 27  
 U. S. C. G. S.  
 15S 174W  
 Samoa Islands  
 H = 07 43 58  
 Mag. 6 3/4  
 Banff  
 eP 07 56 28 d  
 Horseshoe Bay  
 eP 07 56 04  
 eS 08 09 30  
 eL 08 22.7

Resolute  
 eP 07 57 55  
 eS 08 08 35  
 PS 08 11 07  
 SS 08 16 28  
 e 08 23 22  
 eL 08 30.7  
 Victoria  
 eP 07 55 58  
 e 08 05 53  
 e 08 06 24  
 eL 08 19.1

DOMINION OBSERVATORIES

JANUARY 27		Victoria		Resolute
Resolute		e	08 38 55.1	eP 06 27 21 c
eP	20 36 04	e	08 39 20	PP 06 31 26
		Local shock		eS 06 38 05
JANUARY 28				PS 06 40 37
Seven Falls				SS 06 46 25
e(P)	06 04 59	JANUARY 29		eL 06 55 -
		Resolute		Saskatoon
JANUARY 28		eP	08 47 30	eL 07 02.3
U. S. C. G. S.				Seven Falls
36N 58 1/2E		JANUARY 29		eP' 06 32 25
Iran		U. S. C. G. S.		Shawinigan Falls
H = 17 15 00		16N 99W		eP' 06 32 24
Resolute		Near coast of Guerrero,		Victoria
eP	17 26 04 c	Mexico		eL 06 55.0
eL	17 46 -	H = 10 14 55		
		Ottawa		JANUARY 30
JANUARY 28		eP	10 21 54 c	Resolute
U. S. C. G. S.		Resolute		eP 08 47 51
3 1/2N 127E		eP	10 24 55 c	
Molucca Passage		eS	10 33 12	JANUARY 30
H = 19 41 54		SS	10 37 25	Resolute
Resolute		eL	10 41.5	eP 18 36 19 d
eP	19 55 18	Seven Falls		
		eP	10 22 27	
JANUARY 29		Shawinigan Falls		JANUARY 30
U. S. C. G. S.		eP	10 22 13	U. S. C. G. S.
37N 142E				Dodecanese Islands
Off east coast of Hokkaido,		JANUARY 30		H = 19 13 30
Japan		U. S. C. G. S.		Resolute
H = 00 16 30		19S 172 1/2W		eP 19 23 52
Resolute		Tonga Islands		Seven Falls
iP	00 26 55 d	H = 04 58 01		eP 19 24 24 d
		Resolute		
JANUARY 29		eP	05 12 10	JANUARY 30
Resolute				Resolute
eP	08 35 05	JANUARY 30		eP 19 56 59
		U. S. C. G. S.		
JANUARY 29		7 1/2S 155 1/2E		JANUARY 30
Alberni		Solomon Islands		Resolute
i	08 38 37.5	H = 06 13 24		eP 20 19 10
i	08 38 44.1	Mag. 6 1/2		
Local shock		Ottawa		
		eP'	06 32 20	

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

JANUARY 31  
Resolute  
eP 05 28 15

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

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

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

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

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

FEBRUARY 1  
Resolute  
eP 00 24 14

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

FEBRUARY 1  
U. S. C. G. S.  
2N 79W  
Near coast of Ecuador

H = 16 10 15  
Mag. 6 3/4-7  
Halifax  
iP 16 18 33 c  
iS 16 25 14  
Horseshoe Bay  
eP 16 (22) (36)  
eS 16 (30) (54)  
no time correction  
Ottawa  
iP 16 18 21 c  
PP 16 20 08  
S 16 24 52  
SS 16 28 18

Saskatoon  
eP 16 19 53  
eS 16 27 33  
Seven Falls  
iP 16 18 40 c  
S 16 25 27  
S<sub>C</sub>S 16 28 38  
Shawinigan Falls  
iP 16 18 33  
S 16 25 10

Victoria  
eP 16 20 25 d  
iS 16 28 38  
e 16 30 14  
eL 16 37.0

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



DOMINION OBSERVATORIES

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

SEISMOLOGICAL BULLETIN - 1958

FEBRUARY 2  
 U.S.C.G.S.  
 48 1/2N 154 1/2E  
 Kurile Islands  
 H = 08 11 53  
 Mag. 6 1/2 - 6 3/4  
 Banff  
 iP 08 21 22 d  
 Horseshoe Bay  
 eP 08 21 02 d  
 Ottawa  
 iP 08 23 47 c  
 Resolute  
 iP 08 20 43 d  
 eS 08 27 47  
 S<sub>C</sub>S 08 30 30  
 SS 08 31 30  
 eL 08 32.3  
 Seven Falls  
 eP 08 23 40  
 Shawinigan Falls  
 eP 08 23 48 d  
 Victoria  
 eP 08 20 59 d

FEBRUARY 2  
 U.S.C.G.S.  
 2N 79W  
 Ecuador aftershock  
 H = 08 49 13  
 Banff  
 iP 08 59 09 c  
 Ottawa  
 eP 08 57 22 c  
 Resolute  
 iP 09 00 48.5 c  
 iP 09 00 49 d  
 eL 09 22.7  
 Seven Falls  
 iP 08 57 41 c  
 Shawinigan Falls  
 eP 08 57 35 d  
 Victoria  
 eP 08 59 25

FEBRUARY 2  
 Resolute  
 eP 12 10 01.5 d  
 FEBRUARY 2  
 U.S.C.G.S.  
 27 1/2N 127E  
 Ryukyu Islands region  
 H = 20 53 08  
 h = 200km  
 Resolute  
 iP 21 04 27 c

FEBRUARY 3  
 Resolute  
 eP 11 32 09  
 e 11 48 22

FEBRUARY 3  
 U.S.C.G.S.  
 7N 77 1/2W  
 Panama - Columbia  
 border  
 H = 14 02 16  
 Ottawa  
 eP 14 09 38  
 Resolute  
 eP 14 13 16 c  
 e 14 36 20  
 e 14 41 22  
 Shawinigan Falls  
 eP 14 09 49

FEBRUARY 3  
 Resolute  
 e 19 57 30  
 e 20 06 12  
 e 20 08 -

FEBRUARY 4  
 U.S.C.G.S.  
 58N 52W  
 Off south coast of  
 Greenland  
 H = 08 06 25  
 Ottawa  
 eP 08 10 58  
 Resolute  
 eP 08 11 40.5 c  
 eP 08 11 41 d  
 e 08 17 30  
 e 08 20 16  
 Seven Falls  
 iP 08 10 11  
 i 08 10 29  
 S 08 12 53  
 Shawinigan Falls  
 eP 08 10 29  
 S 08 13 27

FEBRUARY 4  
 Resolute  
 e 09 53 32  
 i 09 55 33  
 e 09 55 40  
 Local shock

FEBRUARY 4  
 7S 156E  
 Solomon Islands  
 H = 12 40 27  
 Resolute  
 eP 12 54 23  
 Shawinigan Falls  
 eP' 12 59 27

FEBRUARY 4  
 Resolute  
 eP 18 33 25  
 e 18 35 34  
 e 18 48 -  
 e 18 50 36

DOMINION OBSERVATORIES

FEBRUARY 4  
U. S. C. G. S.  
54N 164W  
Unimak Island  
H = 19 45 27  
Resolute

eP 19 52 08 c  
eP 19 52 09 d  
eS 19 57 36  
eL 20 00 30  
Seven Falls  
eP 19 55 08  
Shawinigan Falls  
eP 19 55 10

FEBRUARY 4  
Alberni

i 23 01 06.2  
i 23 01 09.5  
Local shock  
Victoria  
i 23 01 19.2  
e 23 01 32.9  
Local shock

FEBRUARY 4  
U. S. C. G. S.  
Near east coast of  
Honshu, Japan  
H = 23 37 50  
Resolute

eP 23 48 11 c  
i 23 48 22 d

FEBRUARY 5  
Resolute

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

FEBRUARY 5  
U. S. C. G. S.

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

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

FEBRUARY 5  
U. S. C. G. S.

47N 153E  
Kurile Islands  
H = 08 08 10

Resolute  
iP 08 17 14 c  
eS 08 24 28  
S<sub>C</sub>S 08 27 24  
eL 08 29 30  
Seven Falls  
eP 08 20 24  
Shawinigan Falls  
eP 08 20 16

FEBRUARY 6  
Resolute

eP 00 09 14

FEBRUARY 6  
U. S. C. G. S.

24 1/2N 122 1/2E  
Near northeast coast  
of Formosa  
H = 01 42 09  
Horseshoe Bay  
eP 01 54 52  
Resolute  
eP 01 54 09  
eL 02 25 30  
Victoria  
eP 01 54 53

FEBRUARY 6  
Resolute

eP 02 51 33  
e 02 53 54

FEBRUARY 6  
Horseshoe Bay  
e 03 13 31.1  
i 03 13 51.7  
i 03 13 52.9  
Local shock

FEBRUARY 6  
U. S. C. G. S.

27 1/2S 178W  
Kermadec Islands  
region  
H = 16 00 12  
h = 250km  
Seven Falls  
eP' 16 18 38

FEBRUARY 6  
Resolute

eP 23 19 36

FEBRUARY 7  
U. S. C. G. S.

3 1/2S 96 1/2E  
Near northeast coast  
of Sumatra  
H = 00 32 25  
Resolute  
eP 00 46 20  
ePP 00 50 21  
ePPP 00 57 20  
e 01 24.6  
Seven Falls  
eP' 00 51 35

FEBRUARY 7  
U. S. C. G. S.

31S 179W  
Kermadec Islands  
H = 01 10 31  
Ottawa  
eP' 01 29 22  
SKP 01 32 37

SEISMOLOGICAL BULLETIN - 1958

Resolute		FEBRUARY 7	FEBRUARY 9
eP'	01 29 17 d	Seven Falls	U.S.C.G.S.
eP'	01 29 18 c	eP	8N 79 1/2W
e	01 43 -	Shawinigan Falls	South of Panama
Seven Falls		eP	H = 04 15 05
eP'	01 29 29 d		Ottawa
Shawinigan Falls		FEBRUARY 7	eP
eP'	01 29 27 c	Resolute	04 22 25
		e	Resolute
FEBRUARY 7		e	eP
Resolute		e	04 26 02.5
eP	01 47 14 c		eP
e	01 48 38		04 26 03.5 d
			eS
FEBRUARY 7			04 35 00
U.S.C.G.S.			eL
55N 167E			04 42.6
Komandorskie Islands		FEBRUARY 7	Seven Falls
H = 04 37 33		U.S.C.G.S.	eP
Resolute		31 1/2N 104E	04 22 46 c
eP	04 45 08 c	Szechwan Province,	Shawinigan Falls
eS	01 51 14	China	eP
eL	01 54.0	H = 23 23 30	04 22 38
Victoria		Horseshoe Bay	Victoria
eP	04 45 25	eP	eP
		23 36 30 c	04 24 40
FEBRUARY 7		Ottawa	FEBRUARY 9
U.S.C.G.S.		iP	U.S.C.G.S.
27 1/2N 128 1/2E		23 37 38 c	25N 90 1/2E
Ryukyu Islands		Resolute	East Pakistan India
H = 06 59 53		iP	border
Resolute		eS	H = 09 31 03
iP	07 11 35 c	SS	Resolute
eS	07 21 16	eL	eP
eL	07 36 -	23 53	09 43 19 c
		Seven Falls	eL
FEBRUARY 7		eP	10 17.5
U.S.C.G.S.		23 37 27 c	
27 1/2N 128 1/2E		Shawinigan Falls	FEBRUARY 9
Ryukyu Islands		eP	U.S.C.G.S.
H = 06 59 53		23 37 30 d	12 1/2N 121E
Resolute		Victoria	Mindoro, Philippine
iP	07 11 35 c	iP	Islands
eS	07 21 16	23 36 32 c	H = 22 29 23
eL	07 36 -		Resolute
		FEBRUARY 8	eP
FEBRUARY 7		Resolute	22 42 25 c
Seven Falls		eP	eS
e(P)	07 42 40	e	22 53 14
		e	eL
		11 02 15	23 07.5
			Seven Falls
			eP'
			22 48 43
		FEBRUARY 8	
		Resolute	FEBRUARY 10
		eP	Alberni
		22 00 02	e
			10 51 50.0
			e
			10 52 09.6
			Local shock

DOMINION OBSERVATORIES

Horseshoe Bay  
 i 10 51 35.7 d  
 i 10 51 46.1  
 Local shock  
 Victoria  
 e 10 51 34.5  
 e 10 51 45.0  
 Local shock

FEBRUARY 11  
 Resolute  
 eP 00 23 28 c

FEBRUARY 11  
 U. S. C. G. S.  
 9S 107 1/2E  
 Off south coast of Java  
 H = 00 46 02

Resolute  
 eP' 01 04 42  
 eL 01 35.7  
 Seven Falls  
 eP' 01 05 39  
 Shawinigan Falls  
 eP' 01 05 39 d

FEBRUARY 11  
 Resolute  
 eP 08 08 44 c

FEBRUARY 11  
 U. S. C. G. S.  
 15N 119 1/2E  
 Near west coast of Luzon  
 Philippine Islands  
 H = 11 38 14  
 h = 100km  
 Resolute  
 eP 11 50 58 c

FEBRUARY 11  
 U. S. C. G. S.  
 Near coast of Guatemala  
 H = 12 46 20

Ottawa  
 iP 12 53 19 c  
 Resolute  
 eP 12 56 42  
 e 13 15 36  
 e 13 21 30

FEBRUARY 12  
 U. S. C. G. S.  
 13 1/2N 144E  
 Mariana Islands  
 H = 02 34 14  
 h = 150km

Resolute  
 e 02 46 10  
 iP 02 46 35 d

FEBRUARY 12  
 U. S. C. G. S.  
 5 1/2S 151E  
 New Britain  
 H = 06 34 59  
 h = 60km

Ottawa  
 eP' 06 53 58  
 Resolute  
 eP 06 48 52  
 PS 07 02 10  
 SS 07 07 50  
 eL 07 20 -

Seven Falls  
 eP' 06 54 01  
 Shawinigan Falls  
 eP' 06 54 01

FEBRUARY 12  
 U. S. C. G. S.  
 5 1/2S 151 1/2E  
 New Britain  
 H = 07 21 37  
 h = 60km

Ottawa  
 iP' 07 40 29 d  
 Resolute  
 eP 07 35 24  
 SS 07 54 -

Seven Falls  
 eP' 07 40 33 d  
 Shawinigan Falls  
 eP' 07 40 32 d

FEBRUARY 12  
 44°25'N 75°25'W  
 About 16 miles south  
 of Ogdensburg,  
 New York.  
 H = 13 29 48  
 Mag. 2.9

Jean-de-Brebeuf  
 iP<sub>1</sub> 13 30 18.0  
 i 13 30 20.2  
 i 13 30 36.4  
 iS<sub>1</sub> 13 30 40.2  
 eL 13 30 48  
 D = 186km

Ottawa  
 iP<sub>1</sub> 13 30 04.7  
 i 13 30 13.4  
 iS<sub>1</sub> 13 30 17.8  
 D = 111km  
 Shawinigan Falls  
 iS<sub>1</sub> 13 31 10  
 D = 294km

FEBRUARY 12  
 U. S. C. G. S.  
 6 1/2N 95 1/2E  
 Nicobar Islands region  
 H = 18 17 09  
 Resolute  
 eP 18 30 49 c  
 e 18 31 52

FEBRUARY 12  
 U. S. C. G. S.  
 43 1/2N 145 1/2E  
 Near east coast of  
 Hokkaido, Japan  
 H = 23 31 21  
 Ottawa  
 iP 23 43 55 d

SEISMOLOGICAL BULLETIN - 1958

Resolute  
 iP 23 41 01 c  
 Seven Falls  
 eP 23 43 56

FEBRUARY 12  
 U.S.C.G.S.  
 52N 175W  
 Andreanof Islands,  
 Aleutian Islands  
 H = 23 43 45  
 Mag. 6  
 Banff  
 iP 23 48 04 c  
 No time correction  
 Halifax  
 iP 23 54 43 c  
 iP<sub>c</sub>P 23 55 11  
 eS 23 03 33  
 e(PS) 04 17 -  
 Horseshoe Bay  
 eP 23 50 20 c  
 Ottawa  
 iP 23 54 02 c  
 S 24 02 18  
 e 24 04 20  
 SSS 24 09 16  
 Resolute  
 eP 23 51 10 c  
 PP 23 52 42  
 iP<sub>c</sub>P 23 53 23  
 eS 23 57 07  
 SS 00 00 -  
 eL 00 05  
 Saskatoon  
 eS 23 57 36  
 Seven Falls  
 eP 23 54 10 c  
 P<sub>c</sub>P 23 54 50  
 S 24 02 32  
 Shawinigan Falls  
 eP 23 54 05 c  
 Victoria  
 eP 23 50 22 c  
 iS 23 55 41  
 eL 23 59.3

FEBRUARY 13  
 U.S.C.G.S.  
 27 1/2N 92E  
 Northern Assam  
 H = 00 11 36  
 Resolute  
 eP 00 23 34 c

FEBRUARY 13  
 U.S.C.G.S.  
 50N 178W  
 Andreanof Islands,  
 Aleutian Islands  
 H = 04 18 19  
 Resolute  
 eP 04 26 02  
 Seven Falls  
 eP 04 29 00

FEBRUARY 13  
 Resolute  
 eP 06 40 04

FEBRUARY 13  
 U.S.C.G.S.  
 43N 136E  
 Sea of Japan  
 H = 09 31 46  
 Resolute  
 iP 09 41 37 c

FEBRUARY 13  
 Resolute  
 eP 17 18 28

FEBRUARY 13  
 Shawinigan Falls  
 e(P) 21 46 30  
 e 21 47 19

FEBRUARY 14  
 Resolute  
 iP 09 18 23  
 iP 09 18 24

FEBRUARY 14  
 Resolute  
 eP 19 39 53

FEBRUARY 15  
 U.S.C.G.S.  
 44N 147E  
 Kurile Islands  
 H = 01 46 40  
 Mag. 6 - 6 1/4  
 Horseshoe Bay  
 eP 01 56 37  
 Ottawa  
 eP 01 59 08 c  
 Resolute  
 iP 01 56 11  
 eS 02 03 47  
 eL 02 09.7  
 Seven Falls  
 eP 01 59 09 c  
 Shawinigan Falls  
 eP 01 59 08 c  
 Victoria  
 eP 01 56 40

FEBRUARY 15  
 Resolute  
 eP 09 57 56

FEBRUARY 15  
 Resolute  
 eP 11 39 02 c

DOMINION OBSERVATORIES

FEBRUARY 16		FEBRUARY 16		FEBRUARY 17
U. S. C. G. S.		Resolute		U. S. C. G. S.
39N 142E		iP	20 13 42 c	52N 159 1/2E
Near coast of Honshu,				Near east coast of
Japan				Kamchatka
H = 06 04 05		FEBRUARY 16		H = 02 25 46
Mag. 6 - 6 1/4		Alberni		Resolute
Banff		i	22 14 33.0	eP
eP	06 15 06 c	i	22 14 43.0	eL
Horseshoe Bay				02 33 58 c
eP	06 14 47			02 44 20
Ottawa		Local shock		
eP	06 17 04	Horseshoe Bay		
Resolute		i	22 14 23.9 c	FEBRUARY 17
iP	06 14 19 c	Local shock		U. S. C. G. S.
PPP	06 18 12	Victoria		35 1/2N 70E
eS	06 22 36	e	22 14 34.1	Hindu Kush
eL	06 27.0	Local shock		H = 05 18 35
Seven Falls				h = 200km
eP	06 17 05 d	FEBRUARY 16		Banff
Shawinigan Falls		U. S. C. G. S.		iP
eP	06 17 03	67 1/2N 19W		05 31 32 c
Victoria		Off north coast of		Halifax
eP	06 14 45	Iceland		iSKS
		H = 23 01 59		iS
		Resolute		isS
		eP	23 07 12	05 43 20
		eS	23 11 30	Horseshoe Bay
		e	23 13 20	iP
		e	23 16 -	05 31 35 c
		Seven Falls		Ottawa
		eP	23 08 40	eP
				05 31 33 d
FEBRUARY 16				PP
U. S. C. G. S.				05 35 17
17N 146E				PPP
Mariana Islands				05 37 11
H = 07 42 11				Resolute
h = 200km				iP
Resolute				05 29 23 c
eP	07 54 07			sP
				05 30 32
				PP
				05 32 00
				sPP
				05 33 08
				pPPP
				05 34 20
				eS
				05 38 10
				e
				05 39 06
				SSS
				05 46 10
FEBRUARY 16				Seven Falls
Resolute				eP
eP	07 58 21 d			05 31 19
				PP
				05 34 47
				Shawinigan Falls
				eP
				05 31 23 d
				pP
				05 32 04
				e
				05 33 04
				PP
				05 34 52
				PPP
				05 36 59
				Victoria
				eP
				05 31 39 c

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FEBRUARY 17  
 Resolute  
 eP 10 40 56

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

FEBRUARY 17  
 Shawinigan Falls  
 eP 17 20 57

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

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

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

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

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

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

FEBRUARY 18  
 U. S. C. G. S.  
 20 1/2N 120 1/2E  
 Batan Islands region  
 H = 19 48 43  
 Resolute  
 iP 20 01 07 c  
 eS 20 11 17  
 SS 20 16 36  
 eL 20 25.4

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

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

FEBRUARY 19  
 Shawinigan Falls  
 eP 14 33 16 d

FEBRUARY 19  
 Resolute  
 eP 19 40 02 c

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



DOMINION OBSERVATORIES

Shawinigan Falls		Resolute		Ottawa	
eP'	19 44 49 d	eP	09 17 06	eP	13 55 17 d
PP	19 47 53	eS	09 27 18	Resolute	
				eP	13 58 40
				eL	14 20.5
FEBRUARY 20		FEBRUARY 20		Seven Falls	
U. S. C. G. S.		Resolute		eP	13 55 32
20 1/2N 120 1/2E		eP	14 44 26		
Batan Islands aftershock				FEBRUARY 22	
H = 03 57 42				U. S. C. G. S.	
Resolute		FEBRUARY 20		6S 147E	
eP	04 10 05 d	Resolute		Near north coast of	
eP	04 10 06 c	eP	21 04 37	New Guinea	
eS	04 20 20			H = 08 11 50	
SSS	04 38 48	FEBRUARY 21		h = 200km	
eL	04 40.7	U. S. C. G. S.		Ottawa	
Victoria		16S 74 1/2W		iP'	08 30 32 d
eP	04 10 48	Off coast of Peru		Seven Falls	
		H = 03 18 25		eP'	08 30 35
FEBRUARY 20		Ottawa		Shawinigan Falls	
U. S. C. G. S.		eP	03 28 36 c	eP'	08 30 34 d
20 1/2N 120E		Resolute			
Batan Islands aftershock		eP	03 31 35	FEBRUARY 22	
H = 04 05 07		eS	03 42 32	U. S. C. G. S.	
Resolute		e	04 07 -	50 1/2N 175W	
eP	04 17 30 c	Seven Falls		Andreanof Islands,	
eL	04 47 -	eP	03 28 52 c	Aleutian Islands	
		Shawinigan Falls		H = 10 50 23	
		eP	03 28 49	Mag. 6 3/4	
FEBRUARY 20				Alberni	
U. S. C. G. S.		FEBRUARY 21		iP	10 56 56
20 1/2N 120 1/2E		U. S. C. G. S.		Banff	
Batan Islands aftershock		36N 140 1/2E		iP	10 57 37 d
H = 04 38 34		Near east coast of		Halifax	
Resolute		Honshu, Japan		iP	11 01 28 d
eP	04 50 57 c	H = 11 52 50		iPP	11 04 03
eL	05 23.5	h = 100km		iS	11 10 33
Victoria		Resolute		Horseshoe Bay	
eP	04 51 40	iP	12 03 21 c	iP	10 57 05
				Ottawa	
FEBRUARY 20				iP	11 00 47 d
U. S. C. G. S.		FEBRUARY 21		P <sub>c</sub> P	11 01 29
21N 120E		U. S. C. G. S.		PP	11 03 09
Batan Islands aftershock		1 1/2N 80W		PPP	11 04 52
H = 09 04 44		Off coast of Ecuador		S	11 09 15
		H = 13 47 10		S <sub>c</sub> S	11 10 34
				SS	11 13 38

SEISMOLOGICAL BULLETIN - 1958

SSS	11 16 36	Shawinigan Falls	FEBRUARY 22
L	11 18.2	iP	13 32 15 d Ottawa
Resolute		Victoria	iP 20 03 31 d
iP	10 58 00 d	eP	13 28 28 d, W Shawinigan Falls
PP	10 59 37		eP 20 03 35
eS	11 04 04		
eL	11 06.7		
Saskatoon		FEBRUARY 22	
eP	10 59 16	Resolute	FEBRUARY 23
eS	11 04 32	eP	15 22 01 c U.S.C.G.S.
eSS	11 07 36		6S 153E
Seven Falls		FEBRUARY 22	New Britain Solomon Islands region
iP	11 00 55 d	U.S.C.G.S.	H = 00 24 34
e	11 02 45	51 1/2N 174 1/2W	Ottawa
PP	11 03 16	Andreanof Islands,	iPP 00 46 13 c
PPP	11 04 56	Aleutian Islands	Resolute
S	11 09 30	H = 17 05 00	eP 00 38 27
PS	11 10 06	Ottawa	PS 00 51 30
S <sub>c</sub> S	11 10 52	eP	17 15 17 c SS 00 57 -
SS	11 13 55	Resolute	PSPS 00 57 44
SSS	11 16 44	eP	17 12 26 c eL 01 05.5
Shawinigan Falls		e	17 14 38
iP	11 00 51 d	eS	17 18 36
PP	11 03 15	eL	17 20.7
PPP	11 04 57	Seven Falls	
S	11 09 11	eP	17 15 24 c
Victoria		Shawinigan Falls	
eP	10 57 05 d,S,W	eP	17 15 21 d
eS	11 02 26		
eL	11 06.4		
FEBRUARY 22		FEBRUARY 22	FEBRUARY 23
U.S.C.G.S.		Resolute	U.S.C.G.S.
50 1/2N 175W		eP	17 30 50
Andreanof Islands,			
Aleutian Islands		FEBRUARY 22	52N 175W
H = 13 21 48		Ottawa	Andreanof Islands,
Banff		eP	19 44 33 d
iP	13 29 00 d	Resolute	Aleutian Islands
Ottawa		eP	19 41 31
iP	13 32 11 d	e	19 43 55
Resolute		e	19 55 26
eP	13 29 23 c	Seven Falls	
PPP	13 31 29	eP	19 44 40
eL	11 40.7	Shawinigan Falls	
Seven Falls		eP	19 44 37 d
eP	13 32 19		
			Ottawa
			iP 01 33 06 d
			Resolute
			eP 01 30 13
			e 01 32 27
			e 01 32 40
			eS 01 36 09
			e 01 39 12
			eL 00 44.2
			Seven Falls
			eP 01 33 13
			eP <sub>c</sub> P 01 34 34
			Shawinigan Falls
			eP 01 33 09 d
			eP <sub>c</sub> P 01 34 38 d

DOMINION OBSERVATORIES

FEBRUARY 23

U.S.C.G.S.  
27 1/2S 63W  
Santiago del Estero  
Province, Argentina  
H = 08 14 48  
h = 600km

Halifax  
iP 08 25 17 d

Ottawa  
iP 08 25 26 d

Resolute  
eP 08 27 53 c  
PP 08 32 15  
S 08 38 53  
PS 08 41 44  
sS 08 42 38  
SS 08 46 20  
SSS 08 50 20

Seven Falls  
iP 08 25 34 d  
pP 08 27 32  
PP 08 28 31  
S 08 34 26

Shawinigan Falls  
iP 08 25 31 d  
i 08 26 27  
pP 08 27 28  
PP 08 28 24

FEBRUARY 23

U.S.C.G.S.  
28 1/2N 139 1/2E  
Bonin Islands region  
H = 09 12 20  
h = 400km

Banff  
iP 09 23 34 d

Horseshoe Bay  
iP 09 23 13 d

Resolute  
iP 09 23 00.5 d  
eS 09 31 40  
sS 09 34 16  
sSS 09 39

Victoria  
iP 09 23 15 d

FEBRUARY 23

U.S.C.G.S.  
20 1/2N 120 1/2E  
Batan Islands aftershock  
H = 10 06 23  
Resolute  
eP 10 18 46 c  
eS 10 29 00  
eL 10 51.2

FEBRUARY 23

U.S.C.G.S.  
24N 141 1/2E  
Volcano Islands  
H = 10 47 40  
Banff  
iP 10 59 48 d  
Horseshoe Bay  
iP 10 59 26 d

Resolute  
eP 10 59 24 d  
iP 10 59 25 d  
eS 11 08 50  
SSS 11 17 10  
eL 11 19.7

Seven Falls  
eP' 11 05 58  
Shawinigan Falls  
eP' 11 05 56  
Victoria  
iP 10 59 26 d

FEBRUARY 23

U.S.C.G.S.  
34 1/2N 137 1/2E  
Near south coast of  
Honshu, Japan  
H = 14 15 10  
Resolute  
iP 14 25 58 d  
iP 14 25 59 d

FEBRUARY 24

U.S.C.G.S.  
51 1/2N 173W  
Andreanof Islands,  
Aleutian Islands  
H = 07 58 59

Banff  
eP 08 32 15 c

Ottawa  
eP 08 09 10

Resolute  
eP 08 06 19  
P<sub>c</sub>P 08 08 36  
e<sub>s</sub> 08 12 24  
eL 08 16.5

Seven Falls  
eP 08 09 17 d  
Shawinigan Falls  
eP 08 09 15

FEBRUARY 24

Resolute  
e 11 27 14  
e 11 27 23  
i 11 28 13  
Local shock

FEBRUARY 24

U.S.C.G.S.  
45N 99E  
Outer Mongolia  
H = 12 27 06

Halifax  
eP 12 40 06 c

Ottawa  
eP 12 40 07 c

Resolute  
iP 12 37 16 c  
P<sub>c</sub>P 12 38 07  
PP 12 39 30  
PPP 12 41 02  
eS 12 45 33  
S<sub>c</sub>S 12 47 10  
SS 12 49 30  
eL 12 52.4

SEISMOLOGICAL BULLETIN - 1958

Seven Falls  
eP 12 39 59  
Shawinigan Falls  
eP 12 40 02 c  
i 12 41 43

FEBRUARY 24  
U.S.C.G.S.  
15 1/2S 172 1/2W  
Tonga Islands Region  
H = 21 25 25  
Shawinigan Falls  
eP' 21 45 01

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

FEBRUARY 25  
Resolute  
eP 05 14 56 c

FEBRUARY 25  
Resolute  
eP 05 47 01  
e 05 50 37

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

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

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

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

FEBRUARY 25  
Resolute  
eP 19 28 18

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

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

FEBRUARY 26  
Shawinigan Falls  
e(P) 12 25 17

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

DOMINION OBSERVATORIES

Seven Falls eP 17 02 31	FEBRUARY 27 Resolute	FEBRUARY 28 U. S. C. G. S.
Shawinigan Falls iP 17 02 29 c	e 16 34 26	27N 44W
	e 16 35 07	Mid-Atlantic Ocean
	e 16 35 12	H = 09 54 53
	e 16 35 25	Banff
FEBRUARY 26	Local shock	eP 10 04 46 c
U. S. C. G. S.		Halifax
41N 143 1/2E		iP 10 00 04
Off south coast of	FEBRUARY 27	iS 10 04 23
Hokkaido, Japan	U. S. C. G. S.	iL 10 06.3
H = 17 18 56	21N 120E	Ottawa
Resolute	Batan Islands	eP 10 01 15
iP 17 28 52 c	aftershock	e 10 02 06
eS 17 37 -	H = 23 27 49	PP 10 02 22
eL 17 46 -	Banff	PPP 10 02 45
Seven Falls	eP 23 41 06	S 10 06 22
eP 17 31 42	Halifax	L 10 08.3
Shawinigan Falls	eSKKS 23 54 38	Resolute
eP 17 31 41	ePS 23 57 05	eP 10 04 18 d
	Horseshoe Bay	iP 10 04 20 c
	eP 23 40 54	eS 10 12 06
	Resolute	SS 10 15 36
FEBRUARY 26	eP 23 40 11 d	eL 10 17 -
Seven Falls	PP 23 43 21	Saskatoon
eP 20 00 30 d	eS 23 50 28	eS 10 11 35
	SS 23 55 44	Seven Falls
	eL 00 06 -	eP 10 00 55
FEBRUARY 27	Victoria	eS 10 05 52
Alberni	eP 23 40 55i,N,E	Shawinigan Falls
e 20 31 59.0	eS 23 51 24	eP 10 01 01
e 20 32 31.9		Victoria
Local shock		eP 10 05 23 C,S,W
Horseshoe Bay		eS 10 14 04
i 20 31 48.4 d	FEBRUARY 28	
i 20 32 16.8	Resolute	
Local shock	eP 02 06 11	
Victoria		FEBRUARY 28
e 20 31 37.6C,N,W		Resolute
e 20 31 59.7	FEBRUARY 28	eP 12 27 00
Local shock	Resolute	e 12 44 22
	e 03 57 34	e 12 47 20
	Local shock	
FEBRUARY 27		
Resolute		
eP 10 58 00	FEBRUARY 28	
	Resolute	
	eP 08 22 04	
		FEBRUARY 28
		U. S. C. G. S.
		11N 122 1/2E
		Panay, Philippine Islands
		H = 16 41 57

SEISMOLOGICAL BULLETIN - 1958

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

FEBRUARY 28

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

MARCH 1

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

MARCH 1

Resolute  
 eP 04 43 14

MARCH 1

Resolute  
 i 05 28 21  
 i 05 28 27  
 Local shock

MARCH 1

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

Resolute  
 eP 09 18 34 c  
 eS 09 29 19  
 eL 09 43 -  
 Seven Falls  
 eP 09 15 52  
 pP 09 16 15  
 Shawinigan Falls  
 eP 09 15 48  
 pP 09 16 09  
 P<sub>c</sub>P 09 16 23  
 Victoria  
 eP 09 21 22

MARCH 1

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

MARCH 1

Resolute  
 e 12 35 40  
 e 12 37 45  
 Local shock

MARCH 1

U. S. C. G. S.  
 14N 89 1/2W  
 El Salvador  
 H = 17 21 33  
 h = 60km  
 Ottawa  
 eP 17 28 11 d  
 Resolute  
 iP 17 31 40 c  
 Shawinigan Falls  
 eP 17 28 28

MARCH 1

46°56'N 76°00'W  
 Gatineau River  
 Valley about 40 miles  
 North of Maniwaki,  
 Quebec  
 H = 17 41 50  
 Mag. 3.9  
 Ottawa  
 iP<sub>1</sub> 17 42 16.5  
 i 17 42 22.5  
 iS<sub>1</sub> 17 42 37.3  
 D = 173km  
 Seven Falls  
 iP<sub>1</sub> 17 42 53.3  
 i 17 43 19.8  
 iS<sub>1</sub> 17 43 39.4  
 D = 390km  
 Shawinigan Falls  
 iP<sub>1</sub> 17 42 29.5  
 i 17 42 55  
 iS<sub>1</sub> 17 42 59.9  
 D = 252km

MARCH 1

Alberni  
 i 18 53 50.5  
 i 18 53 59.0  
 Local shock

MARCH 1

Victoria  
 e 19 08 57.3 c  
 e 19 09 09.5  
 Local shock

MARCH 2

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

DOMINION OBSERVATORIES

MARCH 2		Horseshoe Bay		Victoria
Resolute		eP	00 52 43	eP 07 35 37.0d,N,W
eP	07 52 20	i	00 52 58	
		Ottawa		
		iP	00 51 20 d	
MARCH 2		Resolute		MARCH 3
Resolute		eP	00 54 45 c	Resolute
eP	10 30 18	Seven Falls		eP 11 18 30
		eP	00 51 48 c	
		Shawinigan Falls		
MARCH 2		eP	00 51 38	MARCH 3
Alberni		Victoria		U. S. C. G. S.
i	14 38 26.2	eP	00 52 38.5 d,S,E	55 1/2N 166 1/2E
e	14 38 43	e	00 52 52.9	Komandorskie Islands
Local shock				H = 16 18 17
Horseshoe Bay				Mag. 6 1/4 - 6 1/2
i	14 38 17.4	MARCH 3		Alberni
i	14 38 26.8	U. S. C. G. S.		iP 16 26 03 c
Local shock		14 1/2S 168 1/2E		i 16 26 11
Victoria		New Hebrides Islands		Banff
e	14 38 09.2 d	H = 04 06 16		iP 16 26 32 c
e	14 38 12.4	Banff		Halifax
Local shock		eP	04 19 34	iP 16 29 42 d
		Horseshoe Bay		i 16 29 52 d
		eP	04 19 08	eSSS 16 47 06
		Ottawa		eL 16 52.1
MARCH 2		iP'	04 25 07 d	Ottawa
Resolute		Resolute		eP 16 29 09 c
eP	17 24 19	e	04 24 42	i 16 29 19
		Seven Falls		PP 16 31 41
		eP'	04 25 12 d	PPP 16 33 24
MARCH 2		Shawinigan Falls		S 16 38 00
Resolute		eP'	04 25 10 d	Resolute
eP	18 21 08			eP 16 25 51 c
				eP 16 25 52 d
				iP 16 26 00 c
MARCH 2		MARCH 3		PP 16 27 26
Resolute		U. S. C. G. S.		(PPP) 16 27 58
eP	19 45 03	23 1/2 122E		eS 16 31 52
		Near east coast of		SS 16 34 50
		Formosa		eL 16 35 -
		H = 07 22 42		Seven Falls
MARCH 3		Banff		eP 16 29 11 c
U. S. C. G. S.		iP	07 35 48 d	i 16 29 21
15N 91 1/2W		Horseshoe Bay		PP 16 31 47
Guatemala		eP	07 35 35	PPP 16 33 30
H = 00 44 47		Resolute		S 16 37 55
h = 100km		eP	07 34 50 c	
Banff		eP	07 34 51 d	
eP	00 52 25	eL	08 00 -	

SEISMOLOGICAL BULLETIN - 1958

Shawinigan Falls  
 eP 16 29 11 c  
 i 16 29 21  
 PP 16 31 22  
 Victoria  
 eP 16 26 10.3 d,N,W

Resolute  
 eP 17 24 10 c  
 pP 17 24 50  
 Seven Falls  
 eP 17 20 48  
 Shawinigan Falls  
 eP 17 20 43

Banff  
 i 19 36 17.4  
 i 19 37 26.8  
 Local shock  
 Horseshoe Bay  
 i 19 34 47.8c,N,W  
 i 19 34 53.3  
 Local shock  
 Victoria  
 e 19 35 00.6 C,N,E  
 e 19 35 16.1  
 Local shock

MARCH 3

U. S. C. G. S.  
 25 1/2N 70E  
 Hindu Kush  
 H = 16 55 38  
 Resolute  
 eP 17 06 31 d

MARCH 3  
 U. S. C. G. S.  
 55 1/2N 166E  
 Komandorskie Islands  
 H = 17 32 47

MARCH 3

Alberni  
 i 19 50 03.8  
 Local shock  
 Horseshoe Bay  
 i 19 49 55.9 d  
 i 19 50 01.2  
 Local shock  
 Victoria  
 e 19 50 23.8 C,E  
 Local shock

MARCH 3

U. S. C. G. S.  
 55 1/2N 166 1/2E  
 Komandorskie Islands  
 H = 17 10 55  
 Banff  
 eP 17 19 09  
 Horseshoe Bay  
 eP 17 18 47  
 Ottawa  
 eP 17 21 47 d  
 Resolute  
 eP 17 18 29 d  
 e 17 18 39  
 (PPP) 17 20 35  
 Seven Falls  
 eP 17 21 52  
 Shawinigan Falls  
 eP 17 21 48  
 i 17 21 56  
 Victoria  
 eP 17 18 49.4 d,N,W

Alberni  
 eP 17 40 33  
 Banff  
 eP 17 41 02  
 Horseshoe Bay  
 eP 17 40 39 c  
 Ottawa  
 iP 17 43 39 c  
 Resolute  
 eP 17 40 22 c  
 eP 17 40 30 c  
 PP 17 42 00  
 PPP 17 42 28  
 eS 17 46 23  
 eL 17 49 30  
 Seven Falls  
 eP 17 43 42  
 Shawinigan Falls  
 iP 17 43 41 c  
 i 17 43 49  
 Victoria  
 eP 17 40 42.1C,N,E

MARCH 4

U. S. C. G. S.  
 1/2S 81W  
 Near coast of Ecuador  
 H = 01 50 09  
 Ottawa  
 eP 01 58 32  
 Resolute  
 eP 02 01 35  
 eL 02 24.0  
 Seven Falls  
 eP 01 58 51  
 Shawinigan Falls  
 eP 01 58 45

MARCH 3

U. S. C. G. S.  
 6N 73 1/2W  
 Colombia  
 H = 17 13 14  
 h = 150km  
 Ottawa  
 eP 17 20 33

MARCH 3

Shawinigan Falls  
 eP 19 19 00  
 i 19 19 12

MARCH 3

Alberni  
 i 19 34 55.8d,S,E  
 i 19 35 09.7  
 Local shock

MARCH 4

Resolute  
 eP 05 41 58



DOMINION OBSERVATORIES

MARCH 4 U. S. C. G. S. Dodecanese Islands H = 11 32 04 Ottawa iP 11 43 39 d Resolute eP 11 42 34 c e 11 51 20 Seven Falls iP 11 43 15 c Shawinigan Falls iP 11 43 24 d	MARCH 5 Resolute eP 12 56 18	MARCH 6 Resolute eP 20 00 04
MARCH 4 U. S. C. G. S. 27N 130E Ryukyu Islands H = 17 48 35 Resolute iP 18 00 15.5 d eS 18 09 47 eL 18 35 -	MARCH 5 U. S. C. G. S. 52N 170 1/2W Fox Islands, Aleutian Islands H = 19 53 28 Resolute eP 20 00 40 e (SS) 20 09 22 eL 20 13.2	MARCH 7 U. S. C. G. S. 37N 71E Hindu Kush H = 06 55 30 h = 200km Resolute iP 07 06 14.5 c Shawinigan Falls eP 07 08 15
MARCH 4 Resolute eP 23 16 00 e 23 17 27	MARCH 6 U. S. C. G. S. 36N 23E Near south coast of Greece H = 05 41 06 Resolute eP 05 51 33 c Seven Falls eP 05 51 59	MARCH 7 U. S. C. G. S. 9 1/2N 126E Near northeast coast of Mindanao, Philippine Islands H = 08 21 23 Resolute iP 08 34 37 d eS 08 45 34 eL 08 59 - Seven Falls eP' 08 40 21 c Shawinigan Falls eP' 08 40 20
MARCH 5 Resolute iP 02 27 16 c	MARCH 6 U. S. C. G. S. 9N 126E Near north coast of Mindanao, Philippine Islands H = 11 56 33 Resolute eP 12 09 43 eP 12 09 45 c	MARCH 7 U. S. C. G. S. 34 1/2N 134E Shikoku, Japan H = 11 29 56 Resolute eP 11 40 46
MARCH 5 Alberni e 11 44 28 e 11 45 04 Local shock	MARCH 6 Resolute iP 15 56 01 c	MARCH 7 Alberni e 18 06 48 e 18 07 01 Local shock

SEISMOLOGICAL BULLETIN - 1958

Victoria		Ottawa		Halifax	
i	18 06 34.0	eP'	07 42 54	iP'	10 41 38
i	18 06 37.6	e	07 43 07	ipP'	10 41 53
Local shock		Resolute		iPKS	10 44 59
		(PP)	07 42 12	e	11 01.8
		PS	07 51 18	ePS	11 03 46
MARCH 7		SS	07 57 15	iSS	11 10 31
Banff		eL	08 05 -	eL	11 23.8
i	22 29 44.6	Seven Falls		Ottawa	
Local shock		eP'	07 42 59	eP'	10 41 20
		e	07 43 10	i	10 41 36
		Shawinigan Falls		PKS	10 44 53
		eP'	07 42 57	Resolute	
MARCH 8		i	07 43 10	eP'	10 41 16 c
U. S. C. G. S.				PS	10 50 50
33 1/2S 70W		MARCH 9		PKKP	10 51 25
Central Chile		U. S. C. G. S.		PS	10 52 24
H = 20 10 23		51 1/2N 178 1/2W		SS	10 59 16
h = 100km		Andreanof Islands,		P'P'	11 02 23
Ottawa		Aleutian Islands		Seven Falls	
iP	20 22 21 d	H = 08 07 30		eP'	10 41 27
pP	20 22 45	Alberni		i	10 41 43
Resolute		eP	08 14 17 c	PKS	10 45 03
eP	20 26 04	Banff		Shawinigan Falls	
p'	20 29 18	eP	08 14 52	eP'	10 41 24
eL	20 58 -	Horseshoe Bay		i	10 41 40
Seven Falls		eP	08 14 23	PKS	10 44 58
eP	20 22 30 d	Ottawa			
pP	20 22 55	iP	08 17 59	MARCH 9	
Shawinigan Falls		Resolute		U. S. C. G. S.	
eP	20 22 26 d	eP	08 15 04	2N 129E	
		(PPP)	08 17 11	Halmahera Island	
MARCH 9		S	08 20 55	region	
Resolute		(SSS)	08 23 05	H = 11 23 19	
iP	03 46 48 d	Seven Falls		Resolute	
e	03 48 20	ePP	08 20 18	eP	11 37 19 d
		Shawinigan Falls		Seven Falls	
MARCH 9		eP	08 18 04	eP'	11 42 40
Ottawa		Victoria			
iP	07 42 33	iP	08 14 26.5		
				MARCH 9	
MARCH 9		MARCH 9		Resolute	
U. S. C. G. S.		U. S. C. G. S.		eP	13 27 39
6 1/2S 148E		34S 178 1/2W			
Near north coast of		Kermadec Islands		MARCH 9	
New Guinea		region		Alberni	
H = 07 23 51		H = 10 22 25		i	17 49 31.4
		h = 60km		i	17 49 47.5
		Mag. 6 1/2 - 6 3/4		Local shock	

DOMINION OBSERVATORIES

MARCH 9		MARCH 10		i	00 44 29
Alberni		Resolute		PP	00 44 37
e	23 17 27	iP	11 52 40 c	e	00 49 15
Local shock				SKS	00 50 46
Horseshoe Bay				SKKS	00 51 34
e	23 16 52.1	MARCH 10		e	00 53 36
e	23 17 07.3	U.S.C.G.S.		PS	00 54 08
Local shock		Central Ryukyu		SS	01 00 24
Victoria		Islands		SSS	01 04 06
i	23 16 43.9	H = 17 27 20		e	01 06 30
i	23 16 53.6	Resolute		L	01 09.4
Local shock		iP	17 39 05 d	Resolute	
		iP	17 39 06 c	iP	00 37 48 c
				e	00 44 24
				eS	00 47 42
				e	01 05 06
				e	01 25 07
MARCH 10		MARCH 10		Saskatoon	
Resolute		Shawinigan Falls		eP	00 39 05
eP	06 14 38 d	eP	21 44 11	eS	00 49 31
iP	06 14 39 c	e	21 45 12	eL	01 12.5
				Seven Falls	
MARCH 10		MARCH 11		eP	00 40 11
Resolute		U.S.C.G.S.		e	00 43 46
iP	06 48 12 d	25 1/2N 125E		e	00 44 26
e	06 49 21	Ryukyu Islands		PP	00 44 39
		H = 00 25 56		e	00 45 36
		h = 60km		SKS	00 50 58
MARCH 10		Mag. 7		SKKS	00 51 45
U.S.C.G.S.		Alberni		PS	00 54 20
52 1/2N 171 1/2W		eP	00 38 23	e	00 57 44
Fox Islands, Aleutian		e	00 38 46	SS	00 59 05
Islands		eL	00 48.7	e	01 02 39
H = 07.58 04		Banff		SSS	01 04 27
Ottawa		iP	00 38 42 c	e	01 07 11
eP	08 08 00	Halifax		L	01 08.9
PP	08 10 09	eP'	00 44 01 c	Shawinigan Falls	
Resolute		ipPP	00 45 04 c	eP	00 40 16
iP	08 05 11 c	esPP	00 45 16	e	00 43 31
eS	08 11 06	iSKS	00 49 54	Victoria	
eL	08 13.5	iSP	00 53 43	eP	00 38 33.5
Shawinigan Falls		iSS	00 59 49	eS	00 49 11
eP	08 08 06	eSSS	01 02 34		
		iL	01 13.9		
		Horseshoe Bay			
MARCH 10		iP	00 38 28	MARCH 11	
Alberni		Ottawa		U.S.C.G.S.	
i	09 20 03.6	eP	00 40 29	14 1/2N 90 1/2W	
i	09 20 12.0	e	00 43 50	Guatemala	
Local shock				H = 08 47 23	
				h = 200km	

SEISMOLOGICAL BULLETIN - 1958

Ottawa  
 iP 08 53 45 c  
 Resolute  
 iP 08 57 13 c  
 Seven Falls  
 eP 08 54 12 c  
 Shawinigan Falls  
 eP 08 54 00 c

MARCH 11  
 U. S. C. G. S.  
 13S 167E  
 New Hebrides Islands  
 H = 13 59 00

Ottawa  
 eP' 14 17 54  
 Resolute  
 eP 14 13 11  
 e 14 15 30  
 PP 14 17 28  
 e 14 24 18  
 eS 14 25 20  
 e 14 27 10  
 SS 14 32 44  
 eL 14 43 -  
 Seven Falls  
 eP' 14 18 00  
 Shawinigan Falls  
 eP' 14 17 59

MARCH 11  
 Resolute  
 eP 19 38 10

MARCH 11  
 Resolute  
 eP 21 33 59

MARCH 11  
 U. S. C. G. S.  
 17N 98 1/2W  
 Guerrero, Mexico  
 H = 23 53 00  
 Halifax  
 ePPS 24 07 08  
 eL 24 16.7

Ottawa  
 eP 23 59 52  
 S 24 05 34  
 Resolute  
 eP 23 04 55 c  
 eS 24 11 18  
 SS 24 15 -  
 Seven Falls  
 eP 24 00 23  
 S 24 06 30  
 Shawinigan Falls  
 eP 24 00 13 d

MARCH 12  
 U. S. C. G. S.  
 About 150 miles off  
 coast of Southern  
 Mexico  
 H = 00 08 20  
 Resolute  
 eP 00 18 28

MARCH 12  
 Resolute  
 eP 11 21 17

MARCH 12  
 U. S. C. G. S.  
 42N 119 1/2W  
 Nevada-Oregon-  
 California border  
 region  
 H = 12 09 19  
 Banff  
 eP 12 14 10  
 Resolute  
 e 12 27 -

MARCH 12  
 U. S. C. G. S.  
 20 1/2N 146E  
 Mariana Islands  
 H = 14 36 33  
 Resolute  
 eP 14 48 33 c

MARCH 12  
 U. S. C. G. S.  
 27N 139 1/2E  
 Bonin Islands region  
 H = 18 16 50  
 h = 500km  
 Resolute  
 iP 18 27 30 d

MARCH 12  
 Victoria  
 i 19 11 28.2  
 e 19 11 29.3  
 Local shock

MARCH 13  
 Alberni  
 e 14 17 05  
 e 14 18 11  
 Local shock

MARCH 13  
 Alberni  
 i 23 39 31.0  
 e 23 39 55  
 Local shock  
 Victoria  
 i 23 39 17.8 c  
 i 23 39 31.0

MARCH 13  
 U. S. C. G. S.  
 12 1/2N 123 1/2E  
 Masbate Island,  
 Philippine Islands  
 H = 23 49 23  
 Resolute

eP 24 02 23.5 d  
 eP 24 02 24 c  
 e 24 10 10  
 eS 24 13 12  
 SS 24 19 -  
 eL 24 27 -

DOMINION OBSERVATORIES

MARCH 14  
U.S.C.G.S.  
25 1/2N 96E  
Northern Burma  
H = 00 09 41  
Resolute  
eP 00 21 46

MARCH 14  
Resolute  
eP 09 02 21

MARCH 14  
Resolute  
eP 13 47 58

MARCH 14  
Resolute  
eP 13 56 25

MARCH 14  
Resolute  
eP 18 32 09 c

MARCH 15  
U.S.C.G.S.  
23N 121 1/2E  
Near east coast of  
Formosa  
H = 00 24 01  
Resolute  
eP 00 36 10  
e 00 44 27  
eS 00 46 -  
SS 00 51 28  
eL 00 57 -

MARCH 15  
Resolute  
iP 03 31 02 c

MARCH 15  
U.S.C.G.S.  
40N 20 1/2E  
Albania - Greece  
border  
H = 06 27 00  
Ottawa  
eP 06 38 06  
Resolute  
eP 06 36 50  
eS 06 44 36  
eL 07 02.7  
Seven Falls  
eP 06 37 36  
Shawinigan Falls  
eP 06 37 57

MARCH 15  
U.S.C.G.S.  
17 1/2S 169E  
New Hebrides Islands  
H = 15 33 57  
Ottawa  
eP' 15 52 43

MARCH 15  
Resolute  
eP 17 45 10 d

MARCH 15  
U.S.C.G.S.  
5S 152E  
New Britain  
H = 19 06 10  
Ottawa  
eP' 19 25 08  
Resolute  
eP 19 20 01  
(PSPS) 19 39 20  
eL 20 05 -  
Seven Falls  
eP' 19 25 12  
Shawinigan Falls  
eP' 19 25 11

MARCH 16  
U.S.C.G.S.  
Near south coast  
Hokkaido, Japan  
H = 02 01 54  
Resolute  
eP 02 11 51  
e 02 11 59

MARCH 16  
Resolute  
eP 10 15 22

MARCH 16  
Resolute  
eP 19 16 07

MARCH 17  
Resolute  
eP 00 07 20

MARCH 17  
Resolute  
e 08 29 12  
e 08 32 05

MARCH 17  
U.S.C.G.S.  
8N 93 1/2E  
Nicobar Islands region  
H = 21 07 24  
Resolute  
eP 21 21 00

MARCH 17  
U.S.C.G.S.  
6 1/2S 147 1/2E  
Near northeast coast of  
New Guinea  
H = 21 40 23  
Ottawa  
eP' 21 59 29

SEISMOLOGICAL BULLETIN - 1958

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

DOMINION OBSERVATORIES

MARCH 20		MARCH 21		Resolute	
Resolute		U. S. C. G. S.		iP	10 23 48 c
e	06 22 23	13 1/2N 92 1/2E		PP	10 27 13
e	06 27 44	Andaman Islands		eS	10 33 55
e	06 30 56	H = 18 32 54		eSS	10 39 08
e	06 37 23	Resolute		eL	10 45
		eP	18 46 07 c		
MARCH 20		MARCH 21		MARCH 22	
Resolute		Resolute		U. S. C. G. S.	
iP	08 02 39 d	eP	21 11 43	35 1/2N 67E	
				Afghanistan	
				H = 11 07 47	
MARCH 20		MARCH 22		Resolute	
U. S. C. G. S.		Ottawa		eP	11 18 59 c
10S 161E		iP	01 22 25 d	eS	11 28 14
Solomon Islands		Seven Falls		eSS	11 32 44
H = 14 47 05		iP	01 22 25 d	eL	11 36.2
Resolute					
SS	15 20 40			MARCH 23	
eL	15 30.4	MARCH 22		Resolute	
		Alberni		eP	03 57 37
MARCH 20		i	03 25 48.2		
Ottawa		i	03 26 11.7	MARCH 23	
iP	22 22 24			Resolute	
		MARCH 22		e	04 41 00.5
MARCH 21		U. S. C. G. S.		i	04 41 02.5
U. S. C. G. S.		Kermadec Islands		i	04 41 06.5
15N 92 1/2W		region		i	04 41 30.0
Mexico - Guatemala		H = 06 18 54		Local shock	
border		Resolute			
H = 14 15 04		eP	06 35 59	MARCH 23	
h = 150km		e	06 36 22	U. S. C. G. S.	
Banff		e	06 38 12	18N 120E	
iP	14 22 35 c	e	- 38 23	Near northwest coast of	
Ottawa		e	- 38 36	Luzon, Philippine	
eP	14 21 35	e	- 39 13	Islands	
Resolute				H = 10 14 42	
iP	14 24 58 d	MARCH 22		Alberni	
iP	14 24 59 c	U. S. C. G. S.		eP	10 28 00
		23 1/2N 94 1/2E		Banff	
MARCH 21		Burma-Pakistan		eP	10 28 09
Resolute		border		Horseshoe Bay	
eP	15 04 36	H = 10 11 27		eP	10 27 59
		Ottawa			
		eP'	10 30 15		

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Resolute		MARCH 23	MARCH 24
eP	10 27 17 d	Resolute	Resolute
iP	10 27 17.5 c	eP	eP
eS	10 43 08	20 41 15	05 48 17
eSS	10 49 -		
Victoria		MARCH 23	MARCH 24
iP	10 27 59.7	45°33'N 67°07'W	Resolute
		About 10 miles SE	eP
		of McAdam, New	06 03 43
		Brunswick	
MARCH 23		H = 22 04 17	MARCH 24
Resolute		Mag. 3.4	Resolute
eP	11 34 36	Halifax	eP
		iS <sub>1</sub>	11 55 52 c
		D = 296km	
MARCH 23		Jean-de-Brebeuf	MARCH 24
Resolute		iS <sub>1</sub>	U. S. C. G. S.
eP	12 39 25	D = 507km	18 1/2N 120E
		Ottawa	Near north coast of
		iS <sub>1</sub>	Luzon, Philippine
MARCH 23		D = 670km	Islands
Resolute		Seven Falls	H = 11 55 40
iP	19 05 09 c	iS <sub>1</sub>	Resolute
e	19 06 38	D = 335km	iP
		Shawinigan Falls	PP
		eS <sub>1</sub>	12 08 14 c
		D = 451km	12 10 52
MARCH 23			MARCH 24
U. S. C. G. S.			U. S. C. G. S.
Andreanof Islands,		MARCH 24	43N 146E
Aleutian Islands		U. S. C. G. S.	Near north coast of
H = 20 13 07		21S 170 1/2E	Hokkaido, Japan
Banff		Loyalty Islands region	H = 14 53 51
eP	20 20 29	H = 00 55 55	Resolute
Ottawa		Ottawa	iP
eP	20 23 36	eP'	15 03 31 c
Resolute		Resolute	iP
eP	20 20 44 d	eP	15 03 32 d
eS	20 27 00	PP	
e	20 29 35	eL	
Shawinigan Falls		Seven Falls	MARCH 24
eP	20 23 40	eP'	U. S. C. G. S.
Victoria		Shawinigan Falls	21 1/2S 170 1/2E
eP	20 19 59	eP'	Loyalty Islands region
			H = 21 46 31
			Resolute
			eL
			22 35.5
MARCH 23		MARCH 24	
Resolute		Resolute	
eP	20 22 51 d	eP	
iP	20 22 52 c		
e	20 34 30		
e	20 38 30		



DOMINION OBSERVATORIES

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

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MARCH 27		Shawinigan Falls		Victoria
U.S.C.G.S.		eP	04 22 18	eP 12 19 25 C,S
53N 160E				pP 12 20 12
Near southeast coast				ePP 12 23 18
of Kamchatka		MARCH 28		esPP 12 24 18
H = 06 35 07		Resolute		eSKS 12 29 42
Resolute		eP	04 53 55	eS 12 30 36
eP	06 43 11 c			ePS 12 31 44
		MARCH 28		
MARCH 27		U.S.C.G.S.		MARCH 28
Resolute		37N 71E		Resolute
eP	07 27 11	Hindu Kush		iP
e	07 33 40	H = 12 06 24		18 57 10 d
		h = 200km		
		Alberni		MARCH 28
MARCH 27		eP	12 19 19	Resolute
45°54'N 71°20'W		eS	12 20 08	eP
About one mile east		Banff		20 30 06 d
of Disraeli, Quebec		iP	12 19 16 c	iP
H = 17 39 47		Horseshoe Bay		20 30 07 c
Mag. 2.7		iP	12 19 21 C,S	e
Jean-de-Brebeuf		i	12 20 11	20 36 07
iP <sub>1</sub>	17 40 17	Ottawa		MARCH 29
iS <sub>1</sub>	17 40 39.7	iP	12 19 19	Resolute
D = 186km		pP	12 20 08	eP
Ottawa		sP	12 20 31	06 46 27 c
iS <sub>1</sub>	17 41 24	PP	12 23 03	
D = 345km		Resolute		MARCH 29
Seven Falls		iP	12 17 08 c	Resolute
iS <sub>1</sub>	17 40 27.9	pP	12 18 12	eP
D = 145km		ppP	12 20 42	07 28 41
Shawinigan Falls		pPPP	12 22 25	
iP <sub>1</sub>	17 40 08	eS	12 26 00	MARCH 29
iS <sub>1</sub>	17 40 24.5	(S <sub>c</sub> S)	12 26 50	Resolute
D = 132km		SS	12 30 22	eP
		SSS	12 31 40	e
		SSS	12 31 30	e
		Seven Falls		10 42 11
MARCH 28		eP	12 19 03	10 43 55
U.S.C.G.S.		pP	12 19 54	10 44 27
36 1/2N 71E		sP	12 20 13	
Hindu Kush		PP	12 22 33	MARCH 29
H = 04 09 30		Shawinigan Falls		Resolute
h = 200km		eP	12 19 09	iP
Banff		pP	12 19 58	14 02 26 c
epP	04 23 20 c	sP	12 20 20	e
Horseshoe Bay				14 02 45
epP	04 23 25 c			MARCH 29
				Resolute
				eP
				17 57 43

DOMINION OBSERVATORIES

MARCH 30 Resolute eP	01 59 13	MARCH 31 Resolute eP e	05 57 39 06 05 52	MARCH 31 Resolute eP	13 39 29
MARCH 30 Resolute eP	05 10 58 c	MARCH 31 Resolute i i i	08 55 58 08 55 59 08 58 06	MARCH 31 U.S.C.G.S. 52N 167 1/2W Fox Islands, Aleutian Islands H = 15 01 30 Resolute eP	15 08 34.5 c
MARCH 30 U.S.C.G.S. 4N 77W Near coast of Colombia H = 14 23 20 h = 60km Banff eP Resolute e eP	14 33 02 d 14 30 09 14 34 35	MARCH 31 U.S.C.G.S. 17N 93 1/2W Chiapas, Mexico H = 10 30 56 h = 100km Banff eP i	10 38 13 10 38 40	MARCH 31 U.S.C.G.S. Ionian Sea H = 16 46 15 Resolute eP e	16 56 19 16 56 30
MARCH 30 Resolute eP	14 45 22	MARCH 31 Horseshoe Bay eP Ottawa eP ipP sP PP	10 38 29 10 37 21 c 10 37 48 10 38 21 10 38 40	MARCH 31 U.S.C.G.S. 44 1/2N 141E Near west coast of Hokkaido, Japan H = 17 49 38 Ottawa eP Resolute eP eL	18 02 15 17 59 14 d 18 15.5
MARCH 30 U.S.C.G.S. 23S 179 1/2E Fiji Islands region H = 17 33 01 h = 550km Resolute P' SP SS Seven Falls eP'	17 50 34 18 00 09 18 06 18 17 50 56	MARCH 31 Resolute iP ipP eS SS Seven Falls ipP sP PP Shawinigan Falls eP Victoria eP	10 40 41 c 10 41 10 c 10 48 19 10 52 30 10 38 21 10 38 50 10 39 22 10 38 07 10 38 24	MARCH 31 Resolute eP iP	21 01 45 d 21 01 46 c
MARCH 31 Resolute eP	04 13 41	MARCH 31 Resolute eP	12 48 38	MARCH 31 U.S.C.G.S. 17 1/2N 60W Leeward Islands H = 21 09 01	

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Resolute

eP	21 19 15
eS	21 27 28
eL	21 33.4

MARCH 31

Resolute

eP	21 49 46
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MARCH 31

Resolute

e	23 19 28
i	23 19 32
i	23 19 32.5

EARTHQUAKES IN EASTERN CANADA  
AND ADJACENT AREAS

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

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

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

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

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

OR

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

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

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

I. G. Y. MICROSEISMIC BULLETIN

JANUARY - MARCH - 1958

NOTES

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

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

ERRATUM

From June to December 1958 microseisms for Resolute were scaled from records of the short period vertical Sprengnether seismograph, and not from Columbia instrument as stated in notes for last two quarterly bulletins.

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

DOMINION OBSERVATORIES

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



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		January 4	12	1	1.6	4.6				3	1.7	6.3	2		1.1
	13	...						3	1.2	6.4	2	1.1	5.4		
	14	1	1.6	4.8				3	1.5	6.3	3	1.6	6.1		
	15	1	1.3	4.5				3	1.4	6.2	2	1.1	5.2		
	16	1	1.4	4.6				...			2	1.0	5.6		
	17	1	1.3	4.6				2	1.3	6.2	2	0.8	5.4		
	18	1	1.4	4.5				2	1.1	6.4	2	1.0	5.8		
	19	1	1.2	4.2				2	1.2	6.0	2	0.8	5.8		
	20	1	1.4	4.3				2	1.2	5.7	3	1.3	7.0		
	21	1	1.5	4.5				1	0.9	5.7	3	1.2	6.0		
	22	1	1.8	5.0				1	0.9	5.5	3	1.2	5.6		
	23	1	1.4	4.8				1	0.9	6.0	2	0.6	4.7		
5	0	1	1.3	4.8				1	0.8	5.8	2	0.8	5.4	Resolute - Quake.	
	6	1	0.8	4.2				1	0.8	5.8	2	1.0	5.1		
	12	1	0.6	4.3				...			2	1.2	6.0		
	18	...						1	0.8	6.3	2	0.5	4.2		
6	0	1	2.6	6.1				1	0.8	6.7	2	0.8	6.5	Resolute - Quake.	
	6	1	2.5	6.0				1	0.6	7.1	2	0.7	5.8		
	12	1	3.0	6.0				...			2	0.8	5.2		
	18	...						1	1.0	6.6	2	0.9	5.3		
7	0	1	2.1	5.9				3	1.5	7.2	2	1.1	5.4	Resolute - Storm start	
	6	1	0.9	5.0				3	2.2	7.6	2	2.0	6.1		
	9	..						3	2.9	7.5					
	12	1	1.1	5.3				3	2.8	7.7	3	5.2	7.1		
	15	..						3	3.3	7.5					
	18	...						3	3.1	8.0	3	2.4	7.1		

DOMINION OBSERVATORIES

DATE		H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
			K	A	T	K	A	T	K	A	T	K	A	T	
January	7	21	...					3	2.5	7.5					
	8	0	1	0.5	4.0			3	2.2	7.2	3	1.9	6.8	Halifax - Storm start.	
		3	1	0.6	3.9			3	2.0	7.1					
		6	1	1.3	4.0			3	1.8	6.5	3	2.0	7.4		
		9	1	1.1	3.3			3	1.7	6.4					
		12	2	1.3	3.4			3	1.2	6.8	3	1.8	7.0		
		15	2	3.4	4.0			3	1.3	6.3					
		18	2	2.8	3.8			2	1.3	6.4	3	1.8	6.5		
	9	0	2	1.8	3.2			2	1.2	6.6	2	1.1	5.2		Resolute - Storm end.
		3	2	2.9	3.9										
		6	2	2.0	3.2			2	1.2	6.6	2	1.1	6.1		
		9	1	1.8	3.3										
		12	1	1.2	3.0			2	0.8	6.7	3	1.3	5.0		
		15	1	1.6	3.7										
		18	1	1.0	3.3			...			2	1.0	4.9	Resolute - Quake.	
		21	1	1.3	3.4										
	10	0	1	1.3	3.3			2	0.7	6.6	2	1.1	5.1		
		3	1	1.4	3.6										
		6	1	0.9	3.0			2	0.7	5.8	3	1.3	5.3		
		9	1	0.9	3.0										
		12	1	0.9	3.0			2	0.7	5.4	3	1.5	5.2		
		15	1	1.1	3.0										
		18	1	0.9	3.0			2	0.6	6.8	2	1.0	5.2		
		21	1	0.8	3.0										
	11	0	1	0.7	2.8			0,0			2	0.7	5.5		
		6	1	0.5	3.0			2	0.4	6.2	2	0.7	5.6		

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		January	11	12	1	0.4	3.0				2	0.7	6.6		2
		18	1	0.7	3.0				2	0.7	6.8	2	0.7	5.2	
	12	0	1	0.4	3.1				2	0.6	6.5	2	0.7	5.2	
		6	1	0.9	4.0				0,0			2	1.0	4.9	
		12	1	0.5	3.2				2	0.8	6.1	2	1.0	5.0	
		18	1	0.6	3.0				1	0.8	6.0	2	1.1	5.4	
	13	0	1	0.8	3.4				1	0.7	6.1	3	1.5	6.0	
		6	1	0.8	3.4				1	0.7	6.2	2	0.9	4.8	
		12	1	1.0	4.1				1	0.6	6.0	2	0.9	5.0	
		18	1	1.0	4.1				3	0.6	6.2	2	0.7	4.2	
	14	0	1	0.3	3.0				3	0.6	6.6	2	0.9	5.1	
		6	1	0.2	3.0				3	0.6	5.7	2	0.9	5.0	
		12	1	0.2	3.0				2	0.8	6.2	3	1.5	5.1	
		18	1	0.3	3.5				2	0.7	7.0	3	1.9	5.2	
January	15	0	0,0						2	0.9	6.9	3	1.5	5.1	
		6	1	0.4	3.0				3	1.0	6.6	3	2.1	6.3	
		12	1	0.4	3.0				3	0.9	7.1	3	1.6	5.8	Halifax - Storm start
		15	1	0.7	3.4										
		18	1	1.0	3.7				3	1.1	7.1	2	1.0	5.2	
		21	1	1.0	3.5										
	16	0	1	2.3	4.3				...			2	0.7	5.1	Resolute - Quake.
		3	1	1.8	3.7										
		6	1	1.6	3.7				3	1.0	7.1	2	0.7	5.0	
		9	1	2.2	3.9										
		12	1	3.5	4.5				...			2	0.8	4.9	Resolute - Quake.
		15	1	3.3	4.0										

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		January	16	18	1	2.4	4.0				3	2.3	6.9		3
		21	1	2.9	4.2										
	17	0	1	2.9	4.0				3	1.9	7.2	3	1.2	6.3	
		3	1	4.2	4.8										
		6	1	2.5	4.0				3	1.4	7.1	3	1.6	6.4	
		9	1	2.3	4.0										
		12	1	1.6	3.3				3	1.3	7.0	3	2.2	7.1	
		15	1	2.8	4.0										
		18	1	0.8	2.3				2	1.2	7.1	2	0.9	5.4	
		21	1	1.7	3.0										
	18	0	1	1.6	3.1				2	1.0	7.5	2	0.8	6.1	
		3	1	1.8	3.3										
		6	1	1.2	3.0				2	0.9	7.0	2	0.6	4.7	
		9	1	1.1	2.9										
		12	1	1.1	3.1				2	0.8	6.8	2	0.7	4.8	
		15	1	1.5	3.5										
		18	1	1.5	3.6				2	0.9	6.2	2	0.7	4.9	
		21	1	1.3	3.5										
	19	0	1	1.5	4.1				3	0.8	6.4	2	0.5	4.1	
		1	1	1.5	4.0				2	0.9	6.7	2	0.8	5.3	
		2	1	1.2	3.7				2	0.9	6.2	2	0.7	4.9	
		3	1	1.8	4.0				2	1.0	6.5	2	0.7	4.7	
		4	1	1.1	3.5				2	0.9	6.6	2	0.8	4.9	
		5	1	1.4	4.0				2	0.9	6.7	2	0.7	4.5	
		6	1	1.4	4.0				3	0.9	6.7	2	0.8	5.3	
		7	1	1.4	4.0				3	0.9	6.8	2	0.9	5.3	

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

DOMINION OBSERVATORIES

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

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		January 23	0	1	0.9	3.9				...			3	
	6	1	0.7	3.1				1	0.6	6.0	3	1.6	5.2	
	12	1	1.2	3.4				1	0.6	6.0	3	1.6	5.0	
	15	1	0.6	2.8										
	18	1	1.2	3.3				1	0.7	5.7	3	1.6	5.1	
	21	1	1.2	3.2										
24	0	1	1.7	3.7				1	0.6	5.4	3	2.0	5.8	Resolute - Quake.
	3	1	2.0	3.6										
	6	1	1.4	3.3				...			3	1.4	5.7	
	9	1	1.4	3.3										
	12	1	1.5	3.4				2	0.6	6.1	3	1.4	4.9	
	15	1	2.3	3.9										
	18	1	1.3	3.6				3	0.7	5.9	2	1.1	5.7	
	21	1	1.5	3.8										
25	0	1	1.2	3.9				...			2	0.7	5.2	
	6	1	0.9	3.8				3	0.5	6.8	2	1.0	5.1	
	12	1	1.0	3.8				3	0.5	6.2	2	0.8	6.0	
	18	1	1.1	4.3				3	0.6	6.0	2	0.7	5.2	
26	0	1	0.7	3.5				3	0.5	5.9	2	0.8	5.4	Halifax - Storm start.
	6	1	0.9	3.8				3	0.6	5.9	2	0.8	6.3	
	12	1	1.6	4.3				3	0.8	5.7	2	0.6	4.7	
	15	1	1.8	4.2										
	18	1	1.4	4.0				3	0.9	5.8	2	0.8	5.8	
	21	1	2.1	4.1										
27	0	1	1.7	3.8				3	0.8	5.8	2	0.7	5.2	
	3	1	1.9	4.3										

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		January 27	6	1	2.4	4.1				3	0.6	6.2	2	
	9	1	2.5	4.1										
	12	1	2.3	3.9				3	0.8	5.5	2	0.7	5.8	
	15	1	2.7	4.2										
	18	1	2.7	4.0				3	0.7	5.7	2	0.7	4.9	
	21	1	3.2	4.3										
28	0	1	2.5	4.0				3	1.0	6.3	2	1.0	4.6	
	3	1	2.3	4.0										
	6	1	2.2	4.3				3	1.4	6.7	3	1.7	6.1	
	9	1	1.6	3.6										
	12	1	2.1	4.2				3	1.1	7.1	3	1.8	5.6	
	15	1	1.1	3.4										
	18	1	1.3	3.7				3	1.8	7.2	3	2.0	6.8	Resolute - Storm start
	21	1	0.8	3.3				3	1.4	7.6				
29	0	1	0.8	3.1				3	2.1	7.6	3	3.4	7.1	
	3	1	1.1	3.4				3	2.1	7.5				
	6	1	1.4	3.6				3	1.8	7.6	3	2.2	6.3	
	9	1	1.3	3.7				3	2.2	7.7				
	12	1	1.2	3.4				...			3	2.9	7.1	
	15	1	1.6	3.5				3	1.7	7.0				
	18	1	1.9	4.0				3	1.6	6.7	3	1.7	6.8	
	21	1	1.5	3.9				3	1.3	6.8				
30	0	1	2.0	3.9				3	1.0	6.9	...			Resolute Instrument stable.
	3	1	1.6	3.7				...						
	6	1	2.0	4.1				...			3	1.7	6.1	
	9	1	1.8	4.0				...						



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

DOMINION OBSERVATORIES

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



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		February 11	0	1	0.8	3.5	3	1.2	5.0	1	0.6	5.4	0,0	
	6	1	1.0	3.5	3	1.1	5.8	1	0.6	5.4	0,0			
	12	1	1.3	3.4	3	0.9	5.0	1	0.5	5.4	0,0			
	18	1	0.8	3.5	3	0.8	6.0	1	0.5	5.5	2	0.5	4.1	
12	0	1	0.7	3.5	3	0.8	6.0	1	0.5	5.7	2	0.5	4.4	
	6	1	0.7	3.5	3	0.6	5.3	1	0.4	6.0	2	0.6	4.6	
	12	1	0.7	3.5	3	0.6	5.3	1	0.5	5.9	2	0.6	4.6	
	18	1	0.7	3.5	...			1	0.6	5.8	2	0.5	4.2	Resolute)
13	0	1	0.7	3.5	...			...			...			Ottawa ) - Quake.
	6	1	0.7	3.5	3	0.5	5.0	1	0.4	5.8	2	0.6	4.3	Victoria)
	12	1	0.3	3.5	3	0.4	3.5	1	0.4	5.6	2	0.6	4.9	
	18	1	0.4	3.5	...			1	0.3	5.4	...			Ottawa - no records.
14	0	1	1.0	3.2	...			1	0.3	5.2	2	0.7	5.1	Halifax - Storm start
	3	1	1.6	3.5										
	6	1	1.6	3.0	...			1	0.5	5.1	2	0.8	4.5	
	9	1	2.7	3.5										
	12	1	4.3	4.3	...			1	0.9	5.8	2	0.6	4.2	
	15	1	6.0	5.0										
	18	1	3.0	4.2	3	2.3	5.5	...			2	0.5	4.1	
	21	1	2.7	4.0	3	1.9	5.5							
15	0	1	3.0	4.3	3	2.4	5.8	2	1.0	6.0	2	0.6	4.7	
	3	1	1.8	4.0	3	2.1	5.8							
	6	1	2.7	4.2	3	2.4	5.8	2	0.9	5.6	2	0.5	4.5	
	9	1	3.3	5.0										
	12	1	1.4	4.0	3	2.1	5.8	...			2	0.6	4.6	Halifax - Storm end.
	18	1	3.5	5.6	3	1.3	5.9	2	0.8	5.9	2	0.6	4.2	

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

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

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

DOMINION OBSERVATORIES

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



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		February	26	18	1	3.4	4.5	3	1.6	5.0	3	1.1	7.0		2
	19	1	3.8	4.4	3	1.3	5.0	3	1.1	6.9	2	1.1	5.6		
	20	1	3.8	4.5	3	1.2	4.9	3	0.9	6.8	3	1.5	5.7		
	21	1	4.5	5.0	3	1.2	4.2	3	0.9	7.3	3	1.6	5.8		
	22	1	3.2	4.5	3	1.3	4.8	3	1.1	7.2	3	1.3	6.2		
	23	1	2.7	4.0	3	1.0	4.5	3	1.0	7.3	3	1.7	6.4		
	27	0	1	3.5	4.7	3	1.0	4.5	3	1.0	7.0	3	1.2	6.1	
		3	1	1.8	4.1										
		6	1	1.8	4.0	3	1.1	4.5	3	1.0	6.7	3	1.2	6.2	
		12	1	1.8	4.4	3	1.8	4.5	3	0.8	6.3	3	1.2	5.4	
		18	1	1.4	4.5	3	1.2	4.5	2	0.6	6.4	2	1.1	5.6	
	28	0	1	1.3	4.5	3	1.0	4.5	...			2	1.0	5.1	
		6	1	0.5	4.0	3	0.5	4.5	2	0.5	6.1	2	0.7	5.2	
		12	1	0.5	4.0	3	0.8	4.5	2	0.4	7.0	2	0.7	5.4	
		18	1	1.3	4.2	1	0.9	4.5	3	0.5	7.2	2	0.7	5.2	
March	1	0	2	1.0	3.5	1	1.1	4.5	3	0.7	5.9	2	0.5	4.2	
		3	2	1.0	3.5	1	1.5	4.5							
		6	2	1.0	3.3	1	1.6	4.5	...			2	0.7	4.5	
		9	2	1.1	3.0	1	1.3	4.5							
		12	1	3.0	4.1	1	1.3	4.5	...			2	0.8	5.3	
		15	1	5.8	5.0	...									
		18	1	5.0	5.0	1	1.9	4.7	...			3	0.8	6.7	
		21	1	5.8	5.0	1	2.4	4.2							
	2	0	1	7.4	5.0	1	2.2	4.5	3	1.0	7.6	3	1.0	6.6	
		3	1	5.6	4.5	1	1.7	4.2							
		6	1	5.1	4.5	1	2.0	4.6	3	0.9	7.0	3	1.5	6.9	

DOMINION OBSERVATORIES

DATE		H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
			K	A	T	K	A	T	K	A	T	K	A	T	
			March	2	9	1	5.8	4.8	1	1.9	4.6				
		12	1	4.0	4.3	1	1.9	4.7	3	0.8	6.9	3	1.4	6.7	Ottawa - Storm end.
		15	1	4.7	5.0	1	1.6	4.6							
		18	1	3.5	4.7	3	1.4	4.6	3	1.0	6.2	2	0.8	5.6	
		21	1	3.4	4.6										
	3	0	1	2.8	4.6	3	0.9	4.4	3	0.7	7.0	2	0.9	5.3	
		3	1	2.4	4.3										
		6	1	1.9	4.3	3	0.9	4.4	3	0.8	6.8	3	0.8	6.1	Halifax - Storm end.
		12	1	1.8	4.2	3	0.6	4.0	3	1.0	7.5	3	1.3	6.4	
		15	1	1.7	4.4										
		18	1	1.2	4.2	3	0.6	4.1	3	1.1	7.4	3	1.3	6.3	
	4	0	1	1.1	4.3	3	0.6	4.5	3	1.2	7.8	3	1.4	6.0	
		6	1	1.0	4.3	3	0.6	4.5	3	0.8	7.5	3	1.0	6.5	
		12	2	0.4	4.0	3	0.5	4.0	3	0.8	7.1	3	1.0	6.6	
		18	2	0.4	4.0	3	0.5	4.0	2	0.7	7.0	3	1.1	6.2	
	5	0	2	0.4	4.0	3	0.7	4.0	2	0.8	6.6	2	0.7	5.8	
		6	1	0.4	3.0	3	0.7	4.3	2	1.1	6.6	3	1.0	6.4	
		12	1	1.0	4.0	3	0.6	4.4	2	1.1	6.9	3	1.6	7.1	
		18	1	0.9	3.3	3	0.7	4.0	3	0.8	6.3	3	0.9	5.4	
	6	0	1	1.0	3.6	3	0.7	4.1	2	0.7	6.5	3	1.4	6.8	
		6	1	1.0	3.5	3	0.7	4.1	2	0.6	6.6	3	0.8	6.1	

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

DOMINION OBSERVATORIES

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

DATE		H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
			K	A	T	K	A	T	K	A	T	K	A	T	
			March	17	12	1	4.9	4.7	1	1.6	4.6	2	0.7	5.4	
		15	1	4.0	4.3	1	1.6	4.5	2	0.5	5.2				
		18	1	2.7	4.0	1	1.1	4.6	2	0.5	4.9	3	0.6	5.5	
		21	1	3.2	4.3	1	1.0	4.0	2	0.4	5.4				
	18	0	1	2.3	4.1	1	0.9	4.0	2	0.5	5.3	3	0.6	5.5	
		3	1	2.4	3.9	1	0.9	4.0	2	0.5	5.0				
		6	1	2.3	4.0	1	1.1	4.0	2	0.4	5.2	3	0.6	5.5	
		9	1	2.3	4.0	1	0.9	3.8	2	0.4	5.4				
		12	1	2.3	4.0	...			2	0.4	5.3	3	0.6	5.5	
		15	1	1.8	4.0	1	0.9	4.0	2	0.4	5.5				
		18	1	1.4	4.0	1	0.7	4.0	2	0.4	5.4	3	0.5	5.0	Halifax - Storm end.
		21	1			1	0.6	4.0	2	0.4	5.4				
	19	0	1	1.1	4.0	1	0.5	4.0	...			3	0.5	5.0	Ottawa - Storm end.
		6	1	0.7	3.6	2	0.5	4.4	1	0.4	5.6	3	0.5	5.0	
		12	1	0.6	3.8	...			1	0.2	5.7	3	0.5	5.0	
		18	1	0.3	2.5	2	0.4	4.2	1	0.2	6.1	3	0.5	5.0	
	20	0	1	0.3	3.0	2	0.5	4.5	1	0.3	5.4	3	0.6	5.0	International Period-start
		1	1	0.2	3.0	2	0.4	4.3	1	0.3	5.4	3	0.6	5.0	
		2	...			2	0.4	4.3	...			...			Victoria)
		3	...			...			...			...			Halifax, Ottawa) Quake
		4	2	0.2	3.0	2	0.5	4.2	...			3	0.4	3.5	Resolute)
		5	1	0.4	4.0	2	0.4	3.9	...			3	0.4	3.5	
		6	1	0.4	4.0	2	0.6	4.6	1	0.3	5.6	3	0.4	3.5	
		7	1	0.4	4.0	2	0.5	4.5	1	0.3	5.4	3	0.4	3.5	
		8	1	0.7	4.5	2	0.6	4.2	1	0.4	5.3	3	0.4	3.5	
		9	1	0.8	5.0	2	0.6	4.6	1	0.3	5.6	3	0.5	4.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		March	20	10	1	0.8	5.0	2	0.7	4.5	1	0.3	5.4		3
		11	1	0.8	5.0	2	0.8	4.5	1	0.3	5.3	3	0.4	3.8	
		12	1	0.8	5.0	2	0.8	4.5	1	0.4	5.5	3	0.5	4.0	
		13	1	0.8	5.0	2	0.9	4.5	1	0.3	5.4	3	0.5	4.0	
		14	1	0.8	5.0	1	1.0	4.5	1	0.4	5.2	3	0.5	4.0	
		15	1	0.5	4.0	1	1.0	4.5	1	0.3	5.3	3	0.5	4.0	
		16	1	0.9	4.0	1	1.0	4.4	1	0.4	5.4	3	0.5	4.0	
		17	1	1.2	4.5	1	1.0	4.3	2	0.6	5.1	3	0.5	4.0	
		18	1	0.3	3.5	1	1.8	4.5	2	0.6	5.7	...			
		19	1	0.6	4.5	1	2.0	5.0	2	0.6	5.7	...			
		20	1	0.9	4.0	1	1.7	5.0	2	0.6	5.2	...			
		21	1	0.9	3.7	1	2.0	5.0	...			...			
		22	1	2.1	5.5	1	2.2	5.4	...			...			
		23	1	1.7	5.0	1	1.9	4.8	...			...			
	21	0	1	2.5	5.0	1	2.4	5.2	...			...			
		1	1	3.2	5.0	1	2.4	5.1	...			...			
		2	1	3.3	5.0	1	2.7	5.2	...			...			
		3	1	3.0	5.0	1	2.7	5.2	...			...			
		4	1	4.3	5.5	1	3.0	5.2	...			...			
		5	1	4.2	5.0	1	3.2	5.5	...			...			
		6	1	5.2	6.0	1	4.0	5.7	...			...			
		7	1	5.2	6.0	1	4.1	5.8	...			...			
		8	1	5.2	6.0	1	5.0	6.0	...			...			
		9	1	4.7	5.5	1	4.7	5.7	...			...			
		10	1	6.3	6.0	1	4.0	6.0	...			...			
		11	1	4.7	5.5	1	3.2	5.5	...			...			

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

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



DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		March 23	16	1	2.8	4.6	...			...			3	
	17	1	2.6	4.5	...			1	0.5	5.6	3	0.6	5.0	
	18	1	2.5	4.5	1	0.9	4.1	1	0.5	5.4	3	0.5	5.0	
	19	1	2.5	4.5	1	0.8	4.0	1	0.5	5.5	3	0.5	4.5	
	20	1	2.5	4.5	1	0.9	4.1	1	0.7	5.5	3	0.5	4.8	
	21	1	2.5	4.5	1	1.0	4.4	1	0.6	5.2	3	0.5	4.5	
	22	1	2.5	4.5	1	1.0	4.4	1	0.6	5.6	3	0.5	5.0	
	23	1	2.5	4.5	1	1.1	4.8	1	0.5	5.5	3	0.5	5.0	
24	0	1	1.8	4.0	1	1.1	4.8	1	0.5	5.6	3	0.4	4.5	
	1	1	3.1	4.5	1	1.1	4.7	1	0.6	5.3	3	0.5	5.0	
	2	1	3.1	4.5	1	1.1	4.6	1	0.5	5.2	3	0.5	5.0	
	3	1	3.1	4.5	1	0.9	4.6	1	0.5	5.4	3	0.5	5.0	
	4	1	3.1	4.5	1	0.7	4.0	1	0.5	5.7	3	0.5	4.8	
	5	1	3.1	4.5	1	0.7	4.0	1	0.5	5.3	3	0.5	4.8	
	6	1	3.1	4.5	1	0.8	4.0	...			3	0.5	5.0	
	7	1	2.9	4.0	...			...			3	0.5	5.0	
	8	1	2.3	4.0	1	0.8	4.0	...			3	0.5	4.8	
	9	1	3.1	4.5	1	0.9	4.0	...			3	0.5	4.0	
	10	1	3.1	4.5	1	1.1	4.2	...			3	0.4	4.5	
	11	1	3.1	4.5	1	1.1	4.0	1	0.4	5.1	3	0.4	4.5	
	12	1	3.1	4.5	1	0.9	4.0	1	0.4	5.8	3	0.4	4.5	
	13	1	2.5	4.5	1	0.8	4.1	1	0.4	5.8	3	0.4	4.5	
	14	1	2.5	4.5	1	0.8	4.0	1	0.5	5.7	3	0.4	4.0	
	15	1	2.3	4.5	1	0.7	4.0	1	0.4	5.3	3	0.7	5.0	
	16	1	1.9	4.5	...			1	0.4	5.8	3	0.6	5.1	
	17	1	2.5	4.5	...			1	0.5	5.4	3	0.5	5.0	

DOMINION OBSERVATORIES

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		March 24	18	1	1.6	4.2	...			...			3	
	19	1	1.6	4.5	...			1	0.4	5.7	3	0.5	4.0	
	20	1	1.4	4.0	...			1	0.4	5.9	3	0.6	4.0	Halifax - Storm end.
	21	1	0.6	3.1	...			1	0.4	6.5	3	0.5	5.0	
	22	1	1.0	3.6	...			1	0.4	6.2	3	0.9	6.0	
	23	1	0.9	3.6	...			...			3	0.5	5.0	Resolute - instrument
25	0	1	0.6	3.0	...			...			3	0.5	5.0	stable
	1	1	0.5	3.0	...			...			3	0.6	5.0	
	2	1	0.6	3.5	...			...			3	0.5	5.0	
	3	1	0.6	3.5	...			...			3	0.6	5.0	
	4	1	1.0	3.5	...			...			3	0.6	5.0	
	5	1	0.6	3.5	...			...			3	0.6	5.0	
	6	1	0.6	3.5	...			...			3	0.5	5.0	
	7	1	0.5	4.0	...			1	0.4	5.6	3	0.5	4.8	
	8	2	0.5	4.0	...			1	0.4	5.9	3	0.6	5.0	
	9	2	0.5	4.0	...			...			3	0.5	4.8	Resolute - instrument
	10	2	0.5	4.0	...			...			3	0.7	5.0	stable
	11	2	0.5	4.0	...			...			3	0.7	5.0	
	12	2	0.3	3.5	...			...			3	0.6	5.0	
	13	2	0.3	3.5	...			...			3	0.6	5.0	
	14	2	0.3	3.5	...			...			3	0.5	5.0	
	15	2	0.3	3.5	...			...			3	0.5	4.8	
	16	2	0.3	3.5	3	1.1	6.0	...			3	0.5	4.5	
	17	2	0.3	3.5	3	1.1	6.0	...			3	0.5	4.5	
	18	2	0.3	3.5	3	1.1	6.5	...			3	0.5	4.8	
	19	2	0.3	3.5	3	1.1	6.2	...			3	0.5	5.0	

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

DOMINION OBSERVATORIES

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

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		March 28	0	1	0.7	3.0	3	0.9	4.0	1	0.4	5.4	3	
	1	1	0.6	3.0	3	0.9	4.0	1	0.4	5.3	3	0.5	5.0	
	2	1	0.6	3.0	3	0.8	4.1	1	0.5	5.0	3	0.5	4.8	
	3	1	0.5	3.0	3	0.7	4.0	1	0.4	5.0	3	0.5	4.5	
	4	1	0.8	3.5	3	0.8	4.1	1	0.4	5.1	3	0.5	4.5	
	5	1	0.8	3.5	3	0.9	4.0	1	0.5	5.2	3	0.5	4.5	
	6	1	0.8	3.0	3	1.0	4.3	1	0.4	5.1	3	0.5	4.5	
	7	1	0.7	3.0	3	0.8	4.1	1	0.4	5.6	3	0.5	5.0	
	8	1	0.8	3.3	3	1.0	4.3	1	0.4	5.4	3	0.5	5.0	
	9	2	0.7	3.0	3	1.1	4.4	1	0.4	5.8	3	0.5	5.0	
	10	2	0.9	3.0	3	1.0	4.4	1	0.4	5.9	3	0.5	5.0	
	11	2	1.3	3.5	3	1.0	4.3	1	0.5	5.3	3	0.4	5.0	
	12	2	1.2	4.0	...			1	0.4	5.9	3	0.4	4.5	
	13	2	2.5	5.0	...			...			3	0.4	4.5	
	14	2	1.1	3.3	1	1.2	5.0	1	0.4	5.8	3	0.4	4.5	
	15	2	0.5	2.5	1	1.4	5.0	1	0.5	5.7	3	0.4	4.5	
	16	2	0.5	2.5	1	1.5	5.1	...			3	0.4	4.5	
	17	2	0.5	2.5	1	2.6	6.1	1	0.5	5.9	3	0.4	4.5	
	18	2	0.9	3.0	1	1.8	5.2	1	0.6	5.9	3	0.4	4.8	
	19	2	0.7	3.0	1	1.4	5.0	1	0.5	5.9	3	0.5	5.0	
	20	2	0.7	3.0	1	1.6	5.1	1	0.5	6.5	3	0.6	5.0	
	21	2	1.3	3.5	1	1.8	6.0	1	0.6	6.0	3	0.6	5.0	
	22	2	1.8	4.0	1	1.9	6.0	1	0.5	5.8	3	0.6	5.0	
	23	2	1.0	3.5	1	2.2	6.0	1	0.6	5.9	3	0.6	5.0	
29	0	1	1.4	4.0	1	1.9	6.0	1	0.6	6.0	3	0.6	5.0	
	1	1	0.6	2.5	3	1.9	6.0	1	0.6	6.2	3	0.5	5.0	

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS	
		K	A	T	K	A	T	K	A	T	K	A	T		
		March	29	2	1	1.0	3.5	3	1.8	6.0	1	0.5	6.0		3
	3	1	0.7	3.0	3	1.5	6.0	1	0.6	5.9	3	0.6	5.0		
	4	1	0.7	3.0	3	1.4	5.8	1	0.4	6.4	3	0.6	5.0		
	5	1	0.7	3.0	3	1.4	5.9	1	0.4	6.1	3	0.6	5.0		
	6	1	0.7	3.0	3	1.5	6.0	1	0.5	5.8	3	0.6	5.0		
	7	1	0.9	3.0	3	1.4	6.0	1	0.4	6.2	3	0.6	4.8		
	8	1	1.1	3.0	3	1.4	6.0	1	0.4	6.1	3	0.5	4.8		
	9	1	1.1	4.0	...			1	0.4	6.2	3	0.5	4.8		
	10	1	1.1	4.0	...			1	0.4	6.1	3	0.5	4.8		
	11	1	0.5	2.5	...			1	0.5	6.0	3	0.5	4.8		
	12	1	0.5	2.6	...			1	0.5	6.3	3	0.5	5.0		
	13	1	0.4	2.5	...			1	0.5	6.1	3	0.5	5.0		
	14	1	0.4	2.5	...			1	0.4	6.2	3	0.5	5.0		
	15	1	0.4	2.5	2	1.0	5.6	1	0.4	6.0	3	0.5	5.0		
	16	1	0.4	2.5	2	0.6	5.6	...			3	0.5	5.0		
	17	1	0.4	2.5	2	0.6	5.4	1	0.4	6.1	2	0.5	5.0		
	18	1	0.4	2.5	2	0.6	5.0	1	0.4	6.0	2	0.6	5.0		
	19	1	0.4	2.5	2	0.6	5.0	1	0.4	6.2	2	0.5	5.0		
	20	1	0.4	2.5	2	0.6	5.0	1	0.3	6.1	2	0.6	5.0		
	21	1	0.3	2.5	2	0.6	5.0	1	0.4	6.4	2	0.5	5.0		
	22	1	0.3	2.5	2	0.6	5.0	1	0.4	6.0	2	0.9	5.0		
	23	1	0.3	2.5	2	0.7	5.0	1	0.4	6.4	2	0.6	4.5		
	30	0	1	0.4	3.0	2	0.6	5.0	1	0.4	5.9	2	0.8	5.0	
		6	2	0.3	3.0	2	0.6	5.0	1	0.3	6.0	2	1.0	5.0	
		12	2	0.1	2.0	2	0.6	5.0	1	0.3	6.0	2	1.0	5.0	
		18	2	0.3	2.5	2	0.6	5.0	1	0.3	6.0	2	1.2	5.0	

DATE	H O U R	HALIFAX			OTTAWA			RESOLUTE			VICTORIA			REMARKS
		K	A	T	K	A	T	K	A	T	K	A	T	
		March 31	0	2	0.2	2.5	2	0.6	5.0	1	0.3	6.4	2	
	6	2	0.2	2.5	2	0.7	6.0	1	0.3	6.1	2	1.3	5.0	
	12	2	0.2	3.0	2	0.6	5.2	1	0.4	5.8	2	0.9	5.0	
	18	...			2	0.6	5.0	1	0.5	5.7	2	1.0	5.0	

DOMINION OBSERVATORIES





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OTTAWA, 1959