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Series #8

Seismological Bulletin

*Seismological Service
of Canada*

**April - June
1957**

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

SEISMOLOGICAL BULLETIN - 1957

NOTES

1. Banff. The station was out of operation from June 5 - 10 because of lack of paper.
2. Halifax. The chronometer was out for repairs from 12:27 May 14 until 13:18 May 17.
3. Kirkland Lake. The chronometer stopped several times between April 25 and April 30; times doubtful during this period have been indicated by parentheses.

The Kirkland Lake station was closed permanently at the end of June.

4. Ottawa. The 75-sec. galvanometer on the Benioff vertical was replaced by a 20-sec. galvanometer on June 6, 1957.
5. Schefferville. Time corrections were erratic throughout the quarter; readings of value for direction of first motion only.

The station at Schefferville was closed permanently on June 30.

6. Seven Falls. The Benioff vertical seismometer was out of operation from the first of the quarter until May 12.

SEISMOLOGICAL BULLETIN - 1957

APRIL - JUNE

APRIL 1

U. S. C. G. S.
4 1/2N, 129E
Molucca Passage
H = 07 54 20
h = about 100 km
Kirkland Lake
eP' 08 13 10
Ottawa
eP' 08 13 18 d
iP 08 07 46 c
ePP 08 11 41
Shawinigan Falls
iP' 08 13 17 d

Victoria

iP 11 41 57 c

Resolute

eP 00 47 08 c
e 00 47 52
ePP 00 48 35
ePcP 00 49 21
e 01 00 22
eL 01 05 15
Schefferville
iP 00 49 38 c
Shawinigan Falls
eP 00 49 58 c

APRIL 1

U. S. C. G. S.
51 1/2N, 178 1/2W
Andreanof Islands,
Aleutian Islands
H = 19 04 41
Horseshoe Bay
iP 19 11 33

APRIL 2

Kirkland Lake
e(P) 04 23 09
Ottawa
iP 04 22 50 c
i 04 23 11

APRIL 1

U. S. C. G. S.
51N, 73W
Andreanof Islands,
Aleutian Islands
H = 11 35 30
Banff
eP 11 42 26 d?
e 11 44 56
Halifax
iP 11 46 24 d
eL 12 04.5
Horseshoe Bay
eP 11 41 54 c?
Kirkland Lake
eP 11 45 16 c?
Ottawa
eP 11 45 42 d
Resolute
eP 11 42 58
iPcP 11 45 09
eS 11 48 37
e 11 56 54
eL 12 00 16
Saskatoon
e 11 49 16
Seven Falls
eS 11 54 09
Shawinigan Falls
eP 11 45 48

APRIL 1

Banff
eP 20 07 54
Horseshoe Bay
eP 20 08 06
Kirkland Lake
eP 20 06 43
Ottawa
iP 20 07 16 d
Shawinigan Falls
eP 20 07 22

APRIL 2

U. S. C. G. S.
30N, 137E
Off south coast of
Honshu, Japan
H = 08 33 10

APRIL 2

U. S. C. G. S.
51N, 173W
Andreanof Islands,
Aleutian Islands
H = 00 39 42
Banff
eP 00 46 40
Halifax
eP 00 50 36 d?
iPcP 00 50 49 c
eS 00 59 31
eL 01 13.8
Horseshoe Bay
eP 00 46 08 d?
Kirkland Lake
eP 00 49 27
Ottawa
iP 00 49 54 c
e 00 58 14

Banff
eP 08 44 13 c
Horseshoe Bay
iP 08 43 54 d
Resolute
iP 08 43 34 c
Victoria
iP 08 43 56

APRIL 2

Horseshoe Bay
eP 09 02 03 d?

APRIL 2

U. S. C. G. S.
51N, 173W
Andreanof Islands,
Aleutian Islands
H = 11 51 42

DOMINION OBSERVATORIES

Ottawa
 eP 12 01 54
 Schefferville
 eP 12 01 39
 Shawinigan Falls
 iP 12 01 59 d
 PP 12 04 40

APRIL 2

U.S.C.G.S.
 51 1/2N, 173W
 Andreanof Islands,
 Aleutian Islands
 H = 20 16 57
 Banff
 eP 20 23 55
 Halifax
 iP 20 27 52
 eL 20 46
 Horseshoe Bay
 eP 20 23 22
 Kirkland Lake
 eP 20 26 41
 Ottawa
 eP 20 27 09 c
 Resolute
 iP 20 24 23
 iPPP 20 26 17
 iP_CP 20 26 36
 eS 20 30 07
 eL 20 37 47
 Saskatoon
 eL 20 37
 Schefferville
 iP 20 26 53 c
 Shawinigan Falls
 eP 20 27 13 d
 Victoria
 eP 20 23 23

APRIL 2

U.S.C.G.S.
 51N, 173 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 20 39 04

Ottawa
 iP 20 49 16 c
 Shawinigan Falls
 eP 20 49 20

APRIL 2

U.S.C.G.S.
 51N, 173W
 Andreanof Islands,
 Aleutian Islands
 H = 21 27 54
 Banff
 iP 21 34 52 d
 Halifax
 iP 21 38 50 c?
 eL 21 58
 Horseshoe Bay
 iP 21 34 20 d
 Kirkland Lake
 eP 21 38 41
 Ottawa
 eP 21 38 07 d
 Resolute
 eP 21 35 21
 ePP 21 36 56
 e 21 40 42
 eS_CS 21 45 32
 Schefferville
 eP 21 37 51 d
 i 21 37 56
 i 21 38 05
 Shawinigan Falls
 iP 21 38 11 d
 Victoria
 iP 21 34 23 d

APRIL 2

Horseshoe Bay
 iP 21 46 44.0 c?
 iS 21 46 56.6
 Local shock

APRIL 3

Schefferville
 iP 01 46 34 d

APRIL 3

U.S.C.G.S.
 51 1/2N, 177W
 Andreanof Islands,
 Aleutian Islands
 H = 23 09 15
 Banff
 iP 23 16 32 c
 Horseshoe Bay
 eP 23 16 02
 Ottawa
 iP 23 19 39 d
 Victoria
 eP 23 16 04

APRIL 4

U.S.C.G.S.
 58N, 155 1/2W
 Near coast of
 Alaska Peninsula
 H = 00 13 08
 Banff
 iP 00 18 08.6
 Halifax
 iP 00 22 22 d?
 eL 00 40
 Horseshoe Bay
 iP 00 17 36.9 d
 Kirkland Lake
 iP 00 21 04 d
 eS 00 27 29
 Ottawa
 iP 00 21 34 d
 PP 00 23 30
 PPP 00 24 19
 S 00 28 25
 e 00 29 03
 SS 00 32 00
 e 00 35 52
 L 00 38 44
 Resolute
 iP 00 18 45 d
 e 00 23 39
 eP_CP 00 25 33
 eS_CS 00 29 40
 Saskatoon
 e 00 24.2

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Schefferville
eP 00 21 15.5 d
iP 00 21 16 c
i 00 36 38

Seven Falls
eP 00 21 43
S 00 28 34
SS 00 32 20
e 00 36 05

Shawinigan Falls
eP 00 21 39
PP 00 23 34

Victoria
iP 00 17 42 d
e(S) 00 21 43
eL 00 22 55

APRIL 4

U.S.C.G.S.
53N, 166W
Fox Islands,
Aleutian Islands
H = 01 29 42
Resolute
eP 01 36 43

APRIL 4

Banff
eP 02 23 56
Horseshoe Bay
eP 02 23 26
Schefferville
eP 02 27 08 c
Victoria
eP 02 22 29

APRIL 4

Banff
eP 05 13 48

APRIL 4

U.S.C.G.S.
48N, 155E
Northern Kurile Islands
H = 06 52 18

Banff
eP 07 01 49
Horseshoe Bay
eP 07 01 25
Kirkland Lake
eP 07 03 51
Ottawa
iP 07 04 12 c
Resolute
eP 07 00 52
iP 07 01 09 c
eL 07 18 41
Schefferville
eP 07 03 42
iP 07 03 42.5 d
Shawinigan Falls
iP 07 04 13 c
Victoria
eP 07 01 29

APRIL 4

U.S.C.G.S.
Southern Mendoza
Province, Argentina
H = 11 00 20
Banff
eP 11 13 53
Horseshoe Bay
eP 11 14 01
Kirkland Lake
eP 11 13 04 d
Ottawa
eP 11 12 48 d
pP 11 13 13
S 11 22 50
Schefferville
eP 11 13 36 c
Shawinigan Falls
eP 11 13 25 d
pP 11 13 50
Victoria
eP 11 14 00

APRIL 4

U.S.C.G.S.
52 1/2N, 170 1/2W
Fox Islands,
Aleutian Islands
H = 14 43 49
Banff
eP 14 50 21
Kirkland Lake
eP 14 53 12
Ottawa
eP 14 53 39 d
PP 14 55 50
Resolute
eP 14 50 53
Schefferville
eP 14 53 28
iP 14 53 28.5 d
Shawinigan Falls
eP 14 53 49
Victoria
eP 14 49 52

APRIL 4

Banff
eP 14 53 05
Ottawa
iP_n 20 00 27
S_n 20 00 44
L 20 00 52
d = 150 km

APRIL 5

U.S.C.G.S.
52N, 172 1/2W
Fox Islands,
Aleutian Islands
H = 02 49 39
Mag. = 6 1/2
Banff
iP 02 56 30 c
Halifax
iP 03 00 27
eL 03 18.6
Horseshoe Bay
eP 02 55 58
eP_CP 02 59 00
eS 03 00 58

*→ Benson's mines blast
not part of
this one*

DOMINION OBSERVATORIES

Kirkland Lake
 eP 02 59 18 d
 eS 03 07 00
 Ottawa
 iP 02 59 45 d
 Resolute
 iP 02 56 56 d
 ePP 02 58 22
 eS 03 02 59
 eL 03 14 09
 Saskatoon
 eP 02 57 08
 eS 03 03 07

Schefferville
 eP 02 59 37 c
 iP 02 59 37.5 d

Seven Falls
 eP 02 59 53

Shawinigan Falls
 eP 02 59 48

Victoria
 eP 02 56 00 c
 eS 03 01 07
 eL 03 04.1

Resolute
 eP' 07 48 53 c
 ipPP 07 50 07
 eSP 07 59 19
 ePS 07 59 42
 Shawinigan Falls
 eP' 07 49 31 d
 Victoria
 iP 07 43 12 c
 e 07 43 37 c
 eS 07 53 36

APRIL 5
 U.S.C.G.S.
 45N, 148E

Kurile Islands
 H = 15 04 09

Ottawa
 eP 15 16 31

Resolute
 iP 15 13 34 d

Schefferville
 eP (15 16 24) c?

Resolute
 iP 16 22 35 c
 Schefferville
 eP (16 20 55.5) c
 i (16 20 56) d
 i (16 21 10)
 i (16 21 17.5)
 Seven Falls
 eP 16 19 29
 Shawinigan Falls
 eP 16 19 18 c
 Victoria
 iP 16 20 42
 i 16 20 57

APRIL 5
 Banff
 eP 22 09 46

APRIL 5
 Banff
 eP 23 28 32

APRIL 5
 Banff
 eP 07 18 55

APRIL 5
 U.S.C.G.S.
 26 1/2S, 177W
 Kermadec Islands region
 H = 07 30 22
 h = 100 km
 Mag. - 6 3/4

Banff
 eP 07 43 38
 e 07 44 02

Horseshoe Bay
 iP 07 43 15 c

Kirkland Lake
 eP' 07 50 15 d

Ottawa
 iP' 07 49 29 d
 ePP 07 50 29
 ePS 08 00 04

APRIL 5
 U.S.C.G.S.
 12 1/2N, 88E
 Near coast of
 Nicaragua
 H = 16 12 20
 h = 100 km
 Banff
 iP 16 20 28 c

Halifax
 eP 16 19 35 c?
 i 16 19 35.5 d
 i 16 19 47

Horseshoe Bay
 iP 16 20 45 c

Kirkland Lake
 eP 16 19 17 c

Ottawa
 eP 16 19 03
 epP 16 19 21
 esP 16 19 45
 ePP 16 20 20
 ePPP 16 20 31

*Black about 30 miles and
 APRIL 6 of Montreal.*

APRIL 6
 Ottawa
 iP_n 11 14 36.0
 iP₁ 11 14 37.5
 iS_n 11 14 56.0
 iS₁ 11 15 00.0
 iS₁S₁ 11 15 01.5
 D = 185 km
 147

APRIL 6
 Alberni
 iP 11 18 42
 iS 11 18 51

Horseshoe Bay
 eP 11 18 54.5
 eS 11 19 12.0

Victoria
 eP 11 18 48.2
 eS 11 19 01.8

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APRIL 7
Banff
eP 00 33 58

APRIL 7
U.S.C.G.S.
53N, 167W
Fox Islands,
Aleutian Islands
H = 08 03 46
Banff
eP 08 10 08
Halifax
eL 08 35

APRIL 7
U.S.C.G.S.
1S, 137 1/2E
Near north coast
of New Guinea
H = 10 14 08
Halifax
eL 11 19
Ottawa
eP' 10 33 22
Saskatoon
e 10 39 53
Seven Falls
eSKKS 10 42 13
ePPS 10 47 00
e 10 49 32
eSS 10 52 30
Shawinigan Falls
eP' 10 33 20 d
Victoria
e 10 38 20
e 10 40 22
eL 10 59

APRIL 7
U.S.C.G.S.
Andreanof Islands,
Aleutian Islands
H = 13 13 10
Victoria
eP 13 20 12

APRIL 8
U.S.C.G.S.
Andreanof Islands,
Aleutian Islands
H = 00 06 37
Banff
eP 00 13 44
Horseshoe Bay
eP 00 13 18
Kirkland Lake
eP 00 16 27
Ottawa
iP 00 16 53 d
Shawinigan Falls
eP 00 16 58

APRIL 8
Victoria
eP 00 55 36

APRIL 8
U.S.C.G.S.
Andreanof Islands,
Aleutian Islands
H = 01 12 10
Victoria
eP 01 19 19

APRIL 8
Resolute
e(P) 12 56 32

APRIL 8
U.S.C.G.S.
8 1/2N, 83W
Panama - Costa
Rica border
H = 20 18 09
Banff
eP 20 27 08 c
Halifax
e 20 28 34
iS 20 31 53 N
Horseshoe Bay
eP 20 27 28

Kirkland Lake
eP 20 25 47 c
eS 20 31 47

Ottawa
iP 20 25 25 c
ipP 20 25 48
eP_cP 20 27 42
eS 20 31 14
esS 20 31 50
eL 20 34 06

Resolute
iP 20 29 00 c
eS 20 37 51
eL 20 53.3

Shawinigan Falls
iP 20 25 39 d
eP_cP 20 27 47

Victoria
eP 20 27 25
eL 20 51.1

APRIL 8
U.S.C.G.S.
Andreanof Islands,
Aleutian Islands
H = 20 43 10
Victoria
eP 20 49 55

APRIL 8
Horseshoe Bay
eP 23 32 48
Victoria
eP 23 32 50

APRIL 9
U.S.C.G.S.
30 1/2N, 138 1/2E
Off south coast of
Honshu, Japan
H = 00 24 39
h = 450 km
Horseshoe Bay
iP 00 35 23 C, S, E
i 00 35 25
eS 00 43 44
e 00 44 14

DOMINION OBSERVATORIES

Kirkland Lake	APRIL 9	Halifax
eP 00 37 15 c	U. S. C. G. S.	eP 11 13 20
Ottawa	53N, 167W	eL 11 35.4
iP 00 37 30 d	Fox Islands,	Horseshoe Bay
epP 00 39 13	Aleutian Islands	eP 11 09 05
iPP 00 41 38	H = 07 39 40	eS 11 14 36
eSKS 00 47 24	Ottawa	Kirkland Lake
ePS 00 50 38	eP 07 49 33	eP 11 12 18
eSPS 00 52 34	Victoria	Ottawa
Resolute	eP 07 45 20	iP 11 12 41 c
iP 00 35 04 c		Resolute
epP 00 36 37	APRIL 9	eP 11 09 47
ePP 00 37 29	Banff	ePP 11 11 21
ePPP 00 39 31	eP 10 05 49	eP _C P 11 11 35
iS 00 43 37	Horseshoe Bay	ePPP 11 11 43
eS _C S 00 44 25	eP 10 06 19	eS 11 15 40
Shawinigan Falls	Victoria	el 11 18.6
eP 00 37 31 d	eP 10 06 21 c	Saskatoon
epP 00 39 27	i 10 06 31 c	eS 11 16 45
e 00 40 42		Schefferville
ePP 00 41 34	APRIL 9	eP 11 12 23
e 00 42 32	U. S. C. G. S.	i 11 12 32
eSKS 00 47 24	30 1/2N, 138E	i 11 13 09
Victoria	South of Honshu,	Seven Falls
iP 00 35 24 C,S,E	Japan	eS 11 21 43
i 00 35 27 C,S,E	H = 10 35 34	eSS 11 25 40
epP 00 37 03	h = 500 km	Shawinigan Falls
iPP 00 38 50	Banff	eP 11 12 49
iS 00 44 18 N,E	eP 10 46 32	Victoria
	Horseshoe Bay	iP 11 09 06
APRIL 9	eP 10 46 13	eS 11 14 43
U. S. C. G. S.	Resolute	eL 11 18.1
22 1/2N, 144 1/2E	iP 10 45 56 d	
Mariana Island region	Victoria	APRIL 9
H = 02 17 06	eP 10 46 15	Victoria
Banff		eP 11 19 33
eP 02 29 08 d		
Horseshoe Bay	APRIL 9	
eP 02 28 46 d	U. S. C. G. S.	
Resolute	51 1/2N, 178 1/2W	
iP 02 28 54 d	Andreanof Islands,	
Victoria	Aleutian Islands	
iP 02 28 46 d	H = 11 02 09	
	Alberni	
APRIL 9	eP 11 08 59	
Banff	Banff	
eP 03 30 37	eP 11 09 36	

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→ Rubenoid Collored St.

APRIL 9

Banff

eP 12 59 19.7
e 12 59 30.2
e(S) 13 00 29

Horseshoe Bay

eP 12 59 18

Victoria

eP 12 59 14
e 13 08 53

Probably a local shock

APRIL 9

Banff

eP 14 19 06

Horseshoe Bay

eP 14 18 36

Victoria

eP 14 18 38 d

APRIL 9

Horseshoe Bay

eP 14 35 50

Victoria

eP 14 35 52

APRIL 9

U. S. C. G. S.

Andreanof Islands,

Aleutian Islands

H = 17 40 13

Horseshoe Bay

eP 17 47 09

Victoria

eP 17 47 12 c

→ Persons Min's Blast

APRIL 9

Ottawa

iP_n 19 04 05

eS_n 19 04 22

eL 19 04 30

D = 150 km

APRIL 9

Ottawa

iP_n 20 14 46

iS_n 20 15 18

eL 20 15 41

D = 325 km

Shawinigan Falls

e 20 15 02

APRIL 9

Victoria

eP 20 25 12

APRIL 9

U. S. C. G. S.

52 1/2N, 169W

Fox Islands,

Aleutian Islands

H = 20 23 56

Banff

eP 20 30 25

Halifax

eL 20 56.6

Horseshoe Bay

eP 20 29 56

eS 20 34 47

Kirkland Lake

eP 20 33 19

e 20 33 32

Ottawa

eP 20 33 47 d

Resolute

iP 20 31 01 d

e 20 33 39

eL 20 38.5

Schefferville

eP 20 33 34 (d)

Shawinigan Falls

eP 20 33 53

Victoria

eP 20 29 59

e 20 33 05

e 20 34 52

e 20 36 21

APRIL 9

Alberni

eP 22 16 50.5

Horseshoe Bay

iP 22 16 35.1

Local shock

APRIL 9

U. S. C. G. S.

Andreanof Islands,

Aleutian Islands

H = 22 33 56

Schefferville

eP 22 44 01

Victoria

eP 22 40 36

APRIL 9

U. S. C. G. S.

Andreanof Islands,

Aleutian Islands

H = 22 49 47

Victoria

eP 22 56 34 d

APRIL 10

Victoria

eP 00 33 41

APRIL 10

U. S. C. G. S.

53N, 168W

Fox Islands,

Aleutian Islands

H = 03 25 20

Banff

iP 03 31 45 d

e 03 34 36

Halifax

eL 03 56.4

Horseshoe Bay

eP 03 31 11

i 03 34 27

Kirkland Lake

eP 03 34 38 d

DOMINION OBSERVATORIES

Ottawa		Saskatoon		APRIL 10
iP	03 35 05 d	iP	05 20 23	Resolute
Resolute		eS	05 26 08	e
iP	03 32 16 c	eL	05 33.0	08 07 13
iP _C P	03 34 47	Seven Falls		
iS	03 38 30	eP	05 19 36	APRIL 10
eL	03 40 37	eS	05 25 33	U. S. C. G. S.
Schefferville		eSS	05 28 20	51N, 177W
iP	03 34 49.5 c	eS _C S	05 30 58	Andreanof Islands,
e	03 36 08	Schefferville		Aleutian Islands
Shawinigan Falls		eP	05 20 34 c	H = 09 09 18
iP	03 35 10 d	e	05 22 10	Banff
eP _C P	03 36 04	Shawinigan Falls		iP
ePP	03 37 16	iP	05 19 24 c	09 16 36 d
Victoria		i	05 20 17	Horseshoe Bay
eP	03 31 15	ePP	05 20 44	eP
eL	03 38.4	Victoria		09 16 05 d
		iP	05 19 36 d	e
		i	05 21 12	09 18 43
		eS	05 25 38 N,E	Kirkland Lake
		eL	05 30.2	eP
				09 19 20 d
APRIL 10				i
U. S. C. G. S.				09 19 21 c
15 1/2N, 98W				Ottawa
Near coast of				eP
Oaxaca, Mexico		APRIL 10		09 19 45 d
H = 05 12 08		Resolute		eP _C P
Banff		e(P)	06 58 34	09 20 25
eP	05 19 29 d	i	06 58 47	Resolute
Halifax				iP
eS	05 25 57			09 16 57 c
Horseshoe Bay				ePP
iP	05 20 40 d			09 18 36
eS	05 24 45			e
Kirkland Lake				09 37 35
iP	05 19 10 c			Seven Falls
eS	05 24 40			eS
Ottawa				09 28 30
iP	05 19 04 c			Schefferville
i	05 19 55			iP
ePP	05 20 18			09 19 30 c
eS	05 24 36			e
eSS	05 27 06			09 19 41
eS _C S	05 29 12			Shawinigan Falls
eL	05 30.1			eP
Resolute				09 19 50 d
iP	05 22 09 d			Victoria
eS	05 30 20			eP
eL	05 43.6			09 16 07 d

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Horseshoe Bay	APRIL 10	APRIL 10
eP 11 34 28	Victoria	Horseshoe Bay
iS 11 38 11	eP 12 59 43	eP 15 17 07
Kirkland Lake		Victoria
eP 11 38 11 d		eP 15 17 02
eS 11 44 42 NE	APRIL 10	
Ottawa	Resolute	
eP 11 38 41 d	eP 13 01 10	APRIL 10
i 11 39 30		Horseshoe Bay
eP _C P 11 40 16		eP 17 46 41
PP 11 40 45	APRIL 10	Resolute
eS 11 45 40	U. S. C. G. S.	eP 17 44 06
eS _C S 11 48 34	51 1/2N, 176 1/2W	Victoria
eSS 11 49 12	Andreanof Islands,	eP 17 46 38
eSSS 11 50 48	Aleutian Islands	
Resolute	H = 13 20 14	
iP 11 36 01 c	Banff	APRIL 10
eP _C P 11 38 14	eP 13 27 26 c	Resolute
eS 11 40 47	Horseshoe Bay	eP 20 26 08
Saskatoon	eP 13 26 56	
eP 11 36 32	Resolute	
eS 11 40 31	eP 13 27 41	APRIL 11
Seven Falls	Schefferville	Resolute
eP 11 38 53	eP 13 30 16 d	e 02 01 22
i 11 39 45	Victoria	
PP 11 41 01	eP 13 26 58	
e 11 42 42		APRIL 11
eS 11 45 54		Banff
eS _C S 11 48 42	APRIL 10	eP 03 44 55.0
eSS 11 49 42	Banff	eS 03 45 18.5
eSSS 11 52 05	eP 13 48 34	
eL 11 54 01	Resolute	
Schefferville	eP 13 49 40	APRIL 11
eP 11 38 27		Resolute
i 11 38 33		eP 07 05 40
i 11 38 54	APRIL 10	e 07 18 06
Shawinigan Falls	U. S. C. G. S.	
eP 11 38 46 d	15S, 173W	
eP _C P 11 40 20	Samoa Islands	APRIL 11
ePP 11 40 52	H = 13 43 43	U. S. C. G. S.
Victoria	Resolute	52 1/2N, 169 1/2W
eP 11 34 30 d	eP 13 57 36	Fox Islands,
e 11 34 35		Aleutian Islands
e 11 35 11		H = 16 12 08
iS 11 38 16 SW	APRIL 10	Banff
	Banff	eP 16 18 41
	eP 14 01 21	Ottawa
		eP 16 22 16

DOMINION OBSERVATORIES

Schefferville eP 16 21 49 Shawinigan Falls eP 16 22 17 c	APRIL 12 U.S.C.G.S. 51 1/2N, 176W Andreanof Islands, Aleutian Islands H = 06 49 11 Victoria eP 06 55 55 d	APRIL 13 U.S.C.G.S. 48 1/2N, 128W Off coast of Vancouver Island, British Columbia H = 03 44 00 Alberni iP 03 44 44.5 d i 03 44 46.1 iS 03 45 18.4 iS 03 45 19.1
APRIL 11 U.S.C.G.S. 52N, 168 1/2W Fox Islands, Aleutian Islands H = 17 40 37 Ottawa eP 17 50 29 Schefferville eP 17 50 12 Shawinigan Falls eP 17 50 31	APRIL 12 Schefferville eP 11 01 47	Banff iP 03 46 12.3 iS 03 48 27.5 Halifax eS 03 58 45 iS _C S 04 01 55 N eL 04 05.8 Horseshoe Bay iP 03 44 58.7 c iS 03 45 43.2 iL 03 46 08 Kirkland Lake eP 03 50 29 c?
APRIL 11 Alberni iP 21 21 01.9 Horseshoe Bay iP 21 20 56.1 c Local shock	APRIL 12 U.S.C.G.S. Andreanof Islands Aleutian Islands H = 13 03 45 Banff eP 13 10 40 c Horseshoe Bay eP 13 10 09 Resolute eP 13 10 56 Victoria eP 13 10 11 c	Ottawa iP 03 51 01 d ePP 03 52 19 eS 03 56 44 eSS 03 59 12 eL 04 02 14 Resolute iP 03 50 11 d eS 03 55 03 eL 03 57.1 Saskatoon eP 03 47 32 eS 03 50 36 eL 03 51.6 Seven Falls eP 03 51 21 ePP 03 52 49 eS 03 57 21 eSS 04 00 06 eS _C S 04 01 37 eL 04 03 32 Schefferville eP 03 51 21.5 c
APRIL 12 U.S.C.G.S. 51 1/2N, 178 1/2W Andreanof Islands, Aleutian Islands H = 04 17 45 Banff eP 04 25 08 Horseshoe Bay eP 04 24 39 c Ottawa eP 04 28 13 c eP _C P 04 28 51 Resolute eP 04 25 18 Shawinigan Falls eP 04 28 16 eP _C P 04 28 57 Victoria iP 04 24 41 d	APRIL 12 Victoria eP 14 33 24	
	APRIL 13 Alberni iP 02 37 19.7 iS 02 37 53.5 iS 02 37 52.3 Horseshoe Bay iP 02 37 33.5 i 02 37 38.0 iS 02 38 21.0 iS 02 38 21.5 Victoria iP 02 37 29.0 c i 02 38 12.7	

SEISMOLOGICAL BULLETIN - 1957

Shawinigan Falls	APRIL 13	Halifax
eP 03 51 13	U.S.C.G.S.	i(S) 07 36 17 S?
ePP 03 52 42	5N, 126 1/2E	eSS 07 42 54
Victoria	Mindanao, P.I.	eL 08 02 44
iP 03 44 54.9 c	H = 10 10 48	Kirkland Lake
iS 03 45 36.5	Kirkland Lake	e(P) 07 30 00
	eP' 10 29 58	Ottawa
	Ottawa	ePP 07 30 05
APRIL 13	iP' 10 29 53 c	eSKS 07 36 36
U.S.C.G.S.	Resolute	eS 07 37 34
52 1/2N, 168 1/2W	iP 10 24 30 c	e 07 43 15
Fox Islands,	Schefferville	eSSS 07 49 06
Aleutian Islands	eP' 10 29 44	Resolute
H = 05 13 32	e 10 30 14	iP 07 23 35 d
Ottawa	Shawinigan Falls	e 07 24 34
eP 05 23 25	eP' 10 29 53	eL 07 47.0
Resolute	i 10 30 51	Seven Falls
eP 05 20 34	ePP 10 31 26	eSKS 07 36 16
eS 05 26 27		eS 07 37 16
eL 05 36 39	APRIL 13	Victoria
Shawinigan Falls	Ottawa	eS 07 36 12
eP 05 23 30	e(P) 13 22 33	eL 08 01.1
APRIL 13	APRIL 13	APRIL 14
U.S.C.G.S.	U.S.C.G.S.	U.S.C.G.S.
6 1/2N, 126 1/2E	19S, 69 1/2W	20N, 73W
Mindanao, P.I.	Northern Chile	Windward Passage
H = 06 30 08	H = 15 39 43	H = 08 24 51
Kirkland Lake	h = 150 km	Kirkland Lake
eP' 06 49 21	Banff	eP 08 30 54
Ottawa	iP 15 51 44 d	Ottawa
eP' 06 49 11 c	Kirkland Lake	iP 08 30 23 c
i 06 49 28	eP 15 50 30 d	epP 08 30 40
Resolute	Ottawa	ePP 08 31 06
iP 06 43 33 c	iP 15 50 08 d	ePPP 08 31 33
Shawinigan Falls	eS 15 58 40	Resolute
iP' 06 49 10 c	Schefferville	iP 08 34 30 d
	iP 15 51 08.5	Schefferville
APRIL 13	ipP 15 51 37	eP 08 31 50
U.S.C.G.S.	Shawinigan Falls	Shawinigan Falls
52 1/2N, 168 1/2W	iP 15 50 14 c	eP 08 30 33
Fox Islands,		
Aleutian Islands	APRIL 14	APRIL 14
H = 07 59 23	U.S.C.G.S.	Ottawa
Schefferville	31N, 84 1/2E	iP 12 50 38 c
eP 08 08 58.5	Southern Tibet	Shawinigan Falls
	H = 07 11 50	iP 12 50 40

DOMINION OBSERVATORIES

APRIL 14	Saskatoon	Halifax
Resolute	iP 19 30 59	iP 21 10 13 d
iP 16 48 33 d	iS 19 41 19	Horseshoe Bay
	i 19 43 49	iP 21 05 57 d
	i 19 47 31	i 21 08 28
APRIL 14	eL 19 57.8	Kirkland Lake
U. S. C. G. S.	Seven Falls	eP 21 09 08 d,N,W
15 1/2S, 173W	eP 19 32 33	eP'P' 21 38 48 c
Samoa Islands	ePP 19 37 03	Ottawa
H = 19 17 57	e 19 38 18	eP 21 09 34 d
Alberni	eSKS 19 43 10	eP _C P 21 10 10
eP 19 29 57	eSKKS 19 44 06	ePP 21 11 48
Banff	iS 19 44 47	Resolute
iP 19 30 28 d	ePS 19 46 25	iP 21 06 42 c
Halifax	ePPS 19 47 55	i(PPP) 21 08 41
iPP 19 37 36 c?	eSS 19 52 29	Schefferville
iSKS 19 43 30 W	eSSS 19 55 29	iP 21 09 18 d
e(S) 19 45 25	eL 20 05 24	Shawinigan Falls
ePS 19 47 16	Schefferville	eP 21 09 37 d
Horseshoe Bay	eP (19 31 17) (d)	eP _C P 21 10 13
iP 19 30 01 d	Shawinigan Falls	Victoria
iS 19 39 55 NE	eP 19 32 25 c	iP 21 05 59 d
iS _C S 19 40 32	e 19 35 53	i 21 08 27
iSS 19 45 00	ePP 19 36 51	
Kirkland Lake	ePS 19 46 20	
eP 19 32 04 S	ePKKP 19 47 55	APRIL 15
e 19 36 17	Victoria	U. S. C. G. S.
e 19 36 46	iP 19 29 58 d	51 1/2N, 179W
e(SKs) 19 42 37	i 19 30 06	Andreanof Islands,
Ottawa	ePP 19 32 47	Aleutian Islands
eP 19 32 15 c	iS 19 39 49 d,N,E	H = 10 38 37
e 19 35 32	i(S _C S) 19 40 25	Alberni
e 19 36 20	i 19 40 56	eP 10 45 26
ePP 19 36 35	e(SS) 19 44 49	Banff
ePPP 19 38 35	eL 19 49.7	eP 10 46 02 c?
eSKS 19 42 56		Halifax
eS 19 44 12	APRIL 14	eP 10 49 41 c?
ePS 19 46 00	Banff	eL 11 13.7
ePPS 19 47 00	eP 20 21 18	Horseshoe Bay
iPKKP 19 48 04 c		iP 10 45 32 d?
eSS 19 51 20	APRIL 14	Kirkland Lake
e 19 52 00	U. S. C. G. S.	eP 10 48 41 c?
eSSS 19 55 20	50 1/2N, 179W	Ottawa
eL 19 59 10	Andreanof Islands,	eP 10 49 04 d
e 20 07 40	Aleutian Islands	eP _C P 10 49 45
Resolute	H = 20 59 00	ePP 10 51 43
eP 19 31 52 d	Banff	
i 19 31 53 c	iP 21 06 29 d	
eL 20 04.1	e 21 08 49	

SEISMOLOGICAL BULLETIN - 1957

Resolute		APRIL 15		Halifax	
iP	10 46 11 c	U.S.C.G.S.		iP'	04 22 21 c
e	10 46 42	52 1/2N, 167W		epP'	04 24 45
ePP	10 47 50	Fox Islands,		iSKP	04 25 10 d
iS	10 52 16	Aleutian Islands		esP'	04 25 56
e	10 55 25	H = 21 33 05		iPKS	04 26 06 SW
eS _C S	10 56 13	Alberni		ipPKS	04 28 19 NE
eL	11 00 43	eP	21 38 48	Horseshoe Bay	
Seven Falls		Banff		iP'	04 21 50 c?,N,W
eP	10 49 14	eP	21 39 29.7 d	e	04 24 04
Schefferville		i	21 39 51 c	i	04 24 30
eP	(10 49 48)	e	21 42 21	i	04 27 51
i	(10 49 48.5) c	Halifax		i	04 29 14
i	(10 49 51.5) d	iP	21 43 35 d?	Kirkland Lake	
i	(10 50 02.5)	iP _C P	21 43 49 c	epP	04 22 11 c?
Shawinigan Falls		Horseshoe Bay		eP'	04 22 22 c
iP	10 49 10 d	iP	21 38 56 d?	i	04 22 24 d
eP _C P	10 49 51	i	21 39 23	ipP'	04 24 40 c
Victoria		Kirkland Lake		iSKP	04 25 00 c
eP	10 45 35 c	iP	21 42 21 d	i	04 25 08 c
e(S)	10 51 06	Ottawa		iPKS	04 25 56 SW
		iP	21 42 50 d	ipPKS	04 28 10 NE
		Resolute		esPKS	04 29 11 N
APRIL 15		iP	21 40 09 d	eSKKP	04 33 59
U.S.C.G.S.		iP _C P	21 42 34	e	04 34 04
51 1/2N, 179W		e	21 43 16	Ottawa	
Andreanof Islands,		eS	21 54 45	iP'	04 22 19 c
Aleutian Islands		eS _C S	21 50 44	i	04 22 30
H = 18 21 33		eL	21 52.6	epP'	04 24 45
Resolute		Schefferville		eSKP	04 25 09
iP	18 20 09	iP	(21 43 38) d	ePP	04 25 29
iS	18 25 58	Shawinigan Falls		ePKS	04 26 08
Schefferville		iP	21 42 54 d	epPP	04 27 18
iP	18 23 47 d	eP _C P	21 43 48	epPKS	04 28 16
		ePP	21 45 06	ePPP	04 28 33
		Victoria		esPKS	04 29 17
APRIL 15		iP	21 38 57 d	epPPP	04 30 17
U.S.C.G.S.				e	04 31 07
51 1/2N, 176W		APRIL 16		eSKP	04 34 21
Andreanof Islands,		U.S.C.G.S.		eSPP	04 36 42
Aleutian Islands		4 1/2S, 107 1/2E		esPS	04 38 40
H = 19 53 39		Western Java Sea		e	04 39 40
Banff		H = 04 04 04		e	04 40 40
eP	20 00 51	h = 600 km		eSS	04 42 00
Resolute		Banff			
eP	20 01 05	iP'	04 21 55 d		
Schefferville		e	04 22 12		
eP	20 23 36 d	e	04 24 11		

DOMINION OBSERVATORIES

Resolute		APRIL 16		APRIL 17	
iP	04 17 29 d	Schefferville		U.S.C.G.S.	
ipP	04 19 37	eP	18 00 16	20S, 176W	
i(P')	04 21 29			Tonga Islands	
ePP	04 22 09			H = 08 07 58	
epPP	04 23 53	APRIL 16		h = 250 km	
esPP	04 25 08	U.S.C.G.S.		Banff	
eSKS	04 27 13	Southern Bolivia		iP	08 20 35 d
eS	04 28 42	H = 18 17 05		e	08 21 18
eSP	04 30 30	Banff		Ottawa	
Saskatoon		eP	18 29 34 d	ePP	08 27 34
eP'	04 22 00	Halifax		ePKKP	08 37 23
Seven Falls		iP	18 27 51	Victoria	
eP'	04 22 21	Horseshoe Bay		iP	08 20 08 d
eSKP	04 25 06	eP	18 29 48 d		
ePP	04 25 23	Kirkland Lake			
epPKS	04 28 14	eP	18 28 19 d	APRIL 17	
ePPP	04 28 30	e	18 29 09	U.S.C.G.S.	
i	04 29 26	Schefferville		52 1/2N, 171W	
epPPP	04 30 22	eP	18 26 53 d	Fox Islands,	
e	04 31 40	i	18 26 53.5 c	Aleutian Islands	
e	04 32 50	Victoria		H = 09 27 54	
ePS	04 35 44	eP	18 29 46 d	Banff	
esPS	04 38 37			eP	09 34 38 c?
eSS	04 42 05			e	09 37 17
i	04 42 44	APRIL 17		e	09 40 58
SSS	04 48 02	Victoria		Halifax	
Schefferville		eP	00 01 25.4	eL	09 57
epP	04 22 00	iS	00 01 33.6	Horseshoe Bay	
iP'	04 22 13 d			eP	09 34 06
i	04 24 28			eS	09 39 02
ipP'	04 24 40	APRIL 17		Kirkland Lake	
i	04 27 37	U.S.C.G.S.		eP	09 37 25 c
Shawinigan Falls		56N, 154W		i	09 37 26 d
iP'	04 22 17 c	Kodiak Island region		Ottawa	
epP'	04 24 36	H = 04 35 47		eP	09 37 53 c
eSKP	04 25 07	Kirkland Lake		Resolute	
ePP	04 25 31	eP	04 43 58	iP	09 35 05 d
ePKS	04 26 02	Ottawa		iS	09 41 00
epPKS	04 28 15	eP	04 44 28	e	09 43 46
esPKS	04 29 16	Resolute		eL	09 48.0
eSKKP	04 33 50	eP	04 41 50	Seven Falls	
Victoria		eL	04 52.2	eP	09 38 02
iP'	04 21 46 d	Schefferville		eS	09 46 07
ipP'	04 24 06 d?	eP	(04 44 17) d	Schefferville	
i(PP)	04 24 29			eP	09 38 38
iS	04 27 52			e	09 39 15
i	04 29 16			Shawinigan Falls	
i	04 32 13			eP	09 37 58
i	04 35 48				

SEISMOLOGICAL BULLETIN - 1957

Victoria

eP 09 34 06
eS 09 39 06
eL 09 41.1

APRIL 17

U.S.C.G.S.
52 1/2N, 169W
Fox Islands,
Aleutian Islands
H = 13 24 58

Banff

eP 13 31 28

Halifax

eL 13 55

Horseshoe Bay

eP 13 30 56
eS 13 36 43

Kirkland Lake

eP 13 34 19 c
e 13 34 20 d

Ottawa

eP 13 34 48 d

Resolute

eP 13 32 00 c

Saskatoon

e 13 37 52

Seven Falls

eP 13 34 57

Schefferville

eP 13 36 34
e 13 36 50

Shawinigan Falls

eP 13 34 53

Victoria

eP 13 30 57
eS 13 35 46
eL 13 37.3

APRIL 17

U.S.C.G.S.
54N, 164W
South of Unimak
Islands
H = 15 07 24
Kirkland Lake
e(P) 15 16 21
e 15 16 34

Ottawa

eP 15 17 03 c

Resolute

eP 15 14 06 c
eS 15 20 08

Schefferville

eP 15 18 36
i 15 18 48

Shawinigan Falls

eP 15 17 07 c

APRIL 17

U.S.C.G.S.
14 1/2N, 92W
Mexico - Guatemala
border
H = 18 09 26

Halifax

eL 18 23

Horseshoe Bay

iP 18 17 26 c?
eS 18 23 57
eL 18 35.0

Kirkland Lake

eP 18 16 21

Ottawa

eP 18 16 10 c
epP 18 16 29
esP 18 16 45
ePP 18 17 30
eP_CP 18 18 49

Resolute

eP 18 19 34 d
eS 18 27 43
eL 18 33.0

Seven Falls

eS 18 22 48
e 18 25 07
eSS 18 25 45
eSSS 18 26 22
eL 18 29 19

Schefferville

e(PP) 18 19 42
e 18 21 24

Shawinigan Falls

eP 18 16 28 c
epP 18 16 53
esP 18 17 10
ePP 18 17 54
esPP 18 18 16
eP_CP 18 18 55

Victoria

iP 18 17 23 c
eS 18 23 45
eL 18 34.0

APRIL 18

U.S.C.G.S.
52N, 171W
Fox Islands,
Aleutian Islands
H = 00 16 17

Banff

eP 00 23 05

Kirkland Lake

eP 00 25 49

Ottawa

eP 00 26 17

Resolute

eP 00 23 28
eS 00 29 03
e 00 35 18
eL 00 38 15

Schefferville

eP 00 28 02

Shawinigan Falls

eP 00 26 22

APRIL 18

U.S.C.G.S.
52N, 176 1/2W
Andreanof Islands,
Aleutian Islands
H = 07 00 03

Banff

eP 07 07 14 c
e 07 09 36

Horseshoe Bay

eP 07 06 43
e(P_CP) 07 09 25

SEISMOLOGICAL BULLETIN - 1957

Kirkland Lake	H = 15 44 53	APRIL 19
eP 07 09 56	Alberni	U. S. C. G. S.
Ottawa	eP 15 50 44	52N, 166 1/2W
iP 07 10 22 d	Banff	Fox Islands,
Resolute	iP 15 51 24 d	Aleutian Islands
eP 07 07 31 d	Halifax	H = 22 19 26
eS 07 13 28	iP 15 55 30 d	Alberni
eL 07 21.7	eS 16 04 07	eP 22 25 08
Schefferville	eL 16 11 23	Banff
eP (07 10 03)	Horseshoe Bay	iP 22 25 49 d
Shawinigan Falls	eP 15 50 50 N,W	i 22 28 44
eP 07 10 26	e 15 54 02	Halifax
Victoria	eS 15 55 38	e(P) 22 29 55 c
eP 07 06 46	eL 15 58.7	iP 22 29 55 1/2 d
	Kirkland Lake	iP _C P 22 30 34
	eP 15 54 18 d	iPP 22 32 15 d
APRIL 18	Ottawa	eS 22 38 25
Shawinigan Falls	iP 15 54 46 d	eSS 22 42 37
eP 08 13 51	eP _C P 15 55 43	iP'P' 22 58 52 c
	Resolute	Horseshoe Bay
	iP 15 52 05 d	iP 22 25 14 d
APRIL 18	eS 15 57 49	i(P _C P) 22 28 35
Banff	eS _C S 16 02 17	iS 22 29 56
eP 21 53 31.8 c	e 16 05 52	Kirkland Lake
eS 21 53 55.1	Saskatoon	iP 22 28 42 d
	eL 16 01	iP _C P 22 29 54 c
	Seven Falls	Ottawa
APRIL 19	eP 15 54 55	iP 22 29 10 c
Shawinigan Falls	ePPP 15 58 36	eP _C P 22 30 09
eP 07 12 04	eS 16 03 02	ePP 22 31 21
	eSS 16 07 17	ePPP 22 32 42
	eL 16 13 35	eS 22 37 00
APRIL 19	Schefferville	eSS 22 40 40
U. S. C. G. S.	iP (15 54 31) d	eL 22 47 20
6 1/2S, 155 1/2E	Shawinigan Falls	Resolute
Solomon Islands	iP 15 54 49 d	iP 22 26 29 d
H = 08 39 37	eP _C P 15 55 55	iS 22 33 06
Halifax	Victoria	eL 22 39
iP' 08 58 50	iP 15 50 53 d	Saskatoon
Ottawa	e 15 54 03	eP 22 26 32
eP' 08 58 33	iS 15 55 43	eS 22 32 06
Shawinigan Falls	eL 15 57.2	eL 22 36.7
eP' 08 58 35		Seven Falls
		iP 22 29 20
	APRIL 19	epP 22 29 50
	Ottawa	eP _C P 22 30 23
	eP 16 24 34	ePP 22 31 31
	Shawinigan Falls	ePPP 22 32 53
	eP 16 24 26	i 22 34 09
APRIL 19		
U. S. C. G. S.		
51 1/2N, 168 1/2W		
Fox Islands,		
Aleutian Islands		

SEISMOLOGICAL BULLETIN - 1957

eS 22 37 16
 i 22 37 44
 S_cS 22 38 43
 eSS 22 41 28
 eG 22 43.7
 Schefferville
 eP (22 28 55) c
 i (22 28 55.5) d
 Shawinigan Falls
 iP 22 29 14 d
 eP_cP 22 30 10
 ePP 22 31 23
 eS 22 36 04
 Victoria
 iP 22 25 17 d
 e 22 28 34
 i(S) 22 29 07

APRIL 20
 U.S.C.G.S.
 Solomon Islands
 H = 00 09 10
 Ottawa
 eP' 00 27 36

APRIL 20
 U.S.C.G.S.
 54 1/2S, 131 1/2W
 South Pacific Ocean
 H = 06 48 04
 Resolute
 eP' 07 07 23
 e 07 27 17
 e 07 40 20
 eL 07 54.9

APRIL 20
 Ottawa
 iP 08 54 11 c
 Shawinigan Falls
 eP 08 54 15 c

APRIL 20
 Resolute
 eP 11 01 56
 e 11 06 15

APRIL 20
 U.S.C.G.S.
 6S, 147 1/2E
 Near coast of
 New Guinea
 H = 12 30 37
 Halifax
 eP' 12 49 57
 eL 13 29.8
 Horseshoe Bay
 eP 12 44 06
 Kirkland Lake
 e(P') 12 49 38
 Ottawa
 eP' 12 49 41
 Resolute
 eP 12 44 50
 eS 12 55 08
 e(PS) 12 58 11
 eL 13 04 10
 Shawinigan Falls
 eP' 12 49 44
 Victoria
 eP 12 43 57
 eL 13 14

APRIL 20
 Shawinigan Falls
 eP 14 21 55

APRIL 20
 U.S.C.G.S.
 52N, 168W
 Fox Islands,
 Aleutian Islands
 H = 17 54 20
 Resolute
 eP 18 01 29 c

APRIL 20
 Resolute
 e(P) 18 14 20

APRIL 20
 U.S.C.G.S.
 51N, 177W
 Andreanof Islands,
 Aleutian Islands
 H = 19 54 24
 Banff
 eP 20 01 42
 Resolute
 eS 20 15 35

APRIL 21
 Shawinigan Falls
 iP 12 03 29 c

APRIL 21
 U.S.C.G.S.
 7N, 72W
 Colombia - Venezuela
 border
 H = 21 12 26
 Alberni
 eP 21 22 46

Banff
 eP 21 22 10 c
 i 21 22 18
 Halifax
 iP 21 19 49 c
 i 21 19 54
 iPP 21 21 19 N
 iS 21 25 48 NW
 eSS 21 28 07

Horseshoe Bay
 eP 21 22 33 c?
 i 21 22 40
 e(P_cP) 21 23 06
 iS 21 30 55
 eS_cS 21 32 24
 eSS 21 36.2
 Kirkland Lake
 eP 21 20 16
 i 21 20 23 c
 eS 21 26 35

DOMINION OBSERVATORIES

Ottawa
 eP 21 19 49 d
 esP 21 20 23
 e 21 20 54
 ePP 21 21 25
 eP_CP 21 21 38
 eS 21 25 44
 ePS 21 26 02
 e 21 27 10
 eL 21 28.4

Resolute
 iP 21 23 31 d
 i 21 23 36
 eS 21 32 36
 eL 21 40.1

Saskatoon
 e 21 29 21

Seven Falls
 eP 21 20 11
 esP 21 20 44
 e 21 21 15
 ePPP 21 22 18
 eS 21 26 11
 ePS 21 26 29
 e 21 27 45
 eG 21 29 01

Shawinigan Falls
 eP 21 19 59 d
 esP 21 21 03
 eP_CP 21 21 59
 Victoria
 eP 21 22 31 c
 i 21 22 37 c
 iS 21 31 03
 eS_CS 21 32 27
 eSS 21 37.0
 eL 21 39.8

APRIL 21
 Resolute
 iP 21 51 43

APRIL 21
 U.S.C.G.S.
 52N, 176W
 Andreanof Islands,
 Aleutian Islands
 H = 23 17 52

Banff
 iP 23 25 06 d
 Ottawa
 eP 23 28 13
 Shawinigan Falls
 eP 23 28 18
 Victoria
 eP 23 24 37

APRIL 22
 U.S.C.G.S.
 30 1/2N, 84 1/2E
 Tibet
 H = 01 42 15
 Resolute
 iP 01 54 00 c

APRIL 22
 Horseshoe Bay
 eP 13 12 49
 iS 13 13 12.2
 Victoria
 eP 13 12 37.9
 eS 13 12 51.1

APRIL 22
 U.S.C.G.S.
 7N, 72W
 Colombia - Venezuela
 aftershock
 H = 13 43 14
 Banff
 eP 13 52 57
 Horseshoe Bay
 iP 13 53 21 c
 Kirkland Lake
 eP 13 51 04
 Ottawa
 eP 13 50 36
 Shawinigan Falls
 eP 13 50 45 d
 Victoria
 eP 13 53 19 c

APRIL 22
 Halifax
 iP 14 45 44 d

APRIL 22
 U.S.C.G.S.
 Colombia - Venezuela
 aftershock
 H = 15 37 20
 Banff
 eP 15 47 07
 Kirkland Lake
 eP 15 45 10
 Victoria
 eP 15 47 27 d

APRIL 23
 Shawinigan Falls
 eP 07 45 43

APRIL 23
 U.S.C.G.S.
 34 1/2N, 86 3/4W
 Northern Alabama
 H = 09 23 39
 Kirkland Lake
 eLg 09 31 33
 Ottawa
 eP 09 27 03
 eS 09 29 26
 i 09 30 29
 e 09 30 58
 Resolute
 e 09 44 46
 Shawinigan Falls
 e(P) 09 27 34
 e(S) 09 30 39
 e 09 32 07

APRIL 23
 U.S.C.G.S.
 27S, 68W
 Northern Chile -
 Argentina border
 H = 21 58 35

SEISMOLOGICAL BULLETIN - 1957

Banff	eSS 19 35 25	Kirkland Lake
eP 22 11 28	eL 19 38 06	iP 02 37 16 c
Kirkland Lake	Schefferville	eS 02 46 49 SE
eP 22 10 25 c?	iP (19 22 08) c	Ottawa
Ottawa	Shawinigan Falls	iP 02 37 12 c
eP 22 10 08	iP 19 21 27 c	epP 02 37 32
eS 22 19 26	Victoria	ePPP 02 41 26
Shawinigan Falls	iP 19 23 16 c	eS 02 46 42
eP 22 10 14	i 19 23 23	e 02 47 06
	eS 19 33 45	eS _c S 02 47 22
	e 19 35 23	ePS 02 47 36
	eL 19 49.0	eSS 02 52 00
APRIL 24		eL 02 55
U.S.C.G.S.	APRIL 24	Resolute
36N, 28 1/2E	Resolute	iP 02 36 04 c
Turkey foreshock	e 21 43 53	iS 02 44 16
H = 19 10 05	e 21 44 10	eSS 02 49 14
Halifax		Saskatoon
iP 19 21 01 c	APRIL 24	eS 02 48 19
iP _c P 19 21 08 d	Alberni	Seven Falls
iS 19 29 48 E?	iP 22 56 41.1	eP 02 36 48
eSS 19 33 55	iS 22 57 05.5	epP 02 37 08
Horseshoe Bay	Horseshoe Bay	ePP 02 39 21
iP 19 23 11 c	iP 22 56 25.9 c	eS 02 45 53
eS 19 33 41	iS 22 56 37.4	ePS 02 46 31
Kirkland Lake	Victoria	eSS 02 50 53
iP 19 21 48 c	iP 22 56 27.7 c	Schefferville
i 19 21 54 d	iS 22 56 41.1	iP (02 34 24) c
eS 19 31 37 SE		Shawinigan Falls
Ottawa	APRIL 25	iP 02 36 58 c
iP 19 21 44 c	U.S.C.G.S.	epP 02 37 15
epP 19 22 08	36 1/2N, 29E	eS 02 46 11
eS 19 31 14	Near south coast of	Victoria
eS _c S 19 31 52	Turkey	iP 02 38 45 c
ePS 19 32 28	H = 02 25 36	e 02 39 04
e 19 34 20	Banff	iS 02 49 13
eSS 19 36 52	iP 02 38 23 c	eL 03 05.5
eL 19 40.3	Halifax	APRIL 25
Resolute	iP 02 36 24 c	Shawinigan Falls
iP 19 20 36 c	iS 02 45 16 SE	eP 02 59 24
ePP 19 22 49	eSS 02 49 22	e 03 00 00
iS 19 29.0	eSSS 02 52 26	
eS _c S 19 30 54	Horseshoe Bay	APRIL 25
eL 19 36.9	iP 02 38 39 c	Resolute
Seven Falls	i 02 39 11	eP 03 05 00
eP 19 21 19	iS 02 49 05	
epP 19 21 42	e 02 49 27	
eS 19 30 24		
eS _c S 19 30 54		
e 19 34 02		

DOMINION OBSERVATORIES

APRIL 25	APRIL 25	Ottawa
U.S.C.G.S.	Ottawa	iP 14 15 56 d
45N, 100E	iP 08 25 11 d	ePP 14 17 44
Outer Mongolia	Shawinigan Falls	eS 14 22 20
H = 07 09 20	iP 08 25 11 d	eL 14 30 12
Kirkland Lake		Resolute
eP 07 22 08		iP 14 13 06 d
Resolute	APRIL 25	eS 14 17 20
iP 07 19 30 c	U.S.C.G.S.	Seven Falls
Schefferville	4 1/2S, 134E	eP 14 16 04
iP (07 20 05) d	Off coast of	Schefferville
	New Guinea	iP 14 14 16
	H = 10 16 18	Shawinigan Falls
	Ottawa	iP 14 16 01
	eP' 10 35 36 c	Victoria
	Shawinigan Falls	eP 14 12 00 c
	eP' 10 35 37 c	eS 14 15 47
		eL 14 17.2
APRIL 25	APRIL 25	
U.S.C.G.S.	U.S.C.G.S.	
52N, 173 1/2W	1 1/2N, 126E	APRIL 25
Andreanof Islands,	Molucca Passage	U.S.C.G.S.
Aleutian Islands	H = 11 06 02	51 1/2N, 180
H = 07 15 15	Ottawa	Andreanof Islands,
Banff	iP' 11 25 17 d	Aleutian Islands
iP 07 23 14 c	ePP 11 27 49	Horseshoe Bay
Halifax	Resolute	eP 17 52 16
iP 07 26 08	eP 11 19 52 c	Resolute
eS 07 34 35	e 11 22 03	iP 17 52 53
eL 07 45.8	Schefferville	Shawinigan Falls
Horseshoe Bay	iP' (11 24 41) d	eP 17 55 52
eP 07 21 26	Shawinigan Falls	Victoria
i 07 21 41 d	iP' 11 25 15 d	eP 17 52 18 c
Kirkland Lake	ePP 11 27 43	eL 18 02.3
iP 07 24 58 c		
Ottawa		
iP 07 25 26 c		
eS 07 33 40		
Resolute		
iP 07 22 35		
ePP 07 24 28		
eS 07 28 39		
Seven Falls		
eP 07 25 34		
eS 07 33 48		
Schefferville		
iP (07 23 43) d		
Shawinigan Falls		
iP 07 25 29 c		
i 07 25 44		
Victoria		
eP 07 21 44 d		
eS 07 26 45		

SEISMOLOGICAL BULLETIN - 1957

Shawinigan Falls	Banff	Banff
eP 19 03 27 d	eP 22 28 17	eP 06 45 29
	Horseshoe Bay	Horseshoe Bay
APRIL 25	eP 22 28 14	eP 06 46 37
Alberni	e 22 33 30	Kirkland Lake
iP 20 06 29.7	e 22 34 01	eP 06 45.4
iS 20 06 46.0	Ottawa	Ottawa
Horseshoe Bay	eS 22 36 18	eP 06 45 20
iP 20 06 28.6 d	eS _C S 22 41 18	Resolute
Victoria	eL 22 41 48	iP 06 44 04
iP 20 06 13.9 c	Resolute	eS 06 52 33
iS 20 06 19.0	eP 22 32 11	eL 07 10.0
i 20 06 19.3	e 22 46 14	Seven Falls
	Seven Falls	eP 06 45 06
	eL 22 43 08	Shawinigan Falls
	Victoria	eP 06 45 10
APRIL 25	eP 22 08 06	Victoria
U.S.C.G.S.	eL 22 33.7	eP 06 46 55
33N, 115 1/2W		
Imperial County,	APRIL 26	APRIL 26
California	U.S.C.G.S.	U.S.C.G.S.
H = 21 57 36	37N, 70 1/2E	60N, 147W
Banff	Hindu Kush	Near south coast of
eP 22 02 51	H = 02 11 52	Alaska
Horseshoe Bay	h = 200 km	H = 10 23 17
eP 22 01 50	Banff	Banff
e 22 07 01	eP 02 24 45	eP 10 27 47
Ottawa	Schefferville	Horseshoe Bay
eP 22 04 16 c	iP (02 23 36) d	eP 10 27 21
eS _C S 22 14 52	Shawinigan Falls	eS 10 31 10
eL 22 15.2	eP 02 24 36	Kirkland Lake
Resolute		eP 10 30 48
eP 22 05 38	APRIL 26	Ottawa
eS 22 15 12	Ottawa	eP 10 31 22
eL 22 17 15	eP 04 42 42 d	Resolute
Seven Falls	Resolute	iP 10 28 33 c
eL 22 16 51	eP 04 40 28	eS 10 32 50
Victoria	Shawinigan Falls	Seven Falls
eP 22 01 36	eP 04 42 46	eP 10 31 32
eL 22 07.8		eS 10 38 01
		eL 10 45.8
APRIL 25	APRIL 26	Schefferville
U.S.C.G.S.	U.S.C.G.S.	eP (10 31 52) d
33 1/2N, 115 1/2W	36 1/2N, 29E	Shawinigan Falls
Imperial County,	Turkey aftershock	eP 10 31 28
California	H = 06 33 32	Victoria
H = 22 24 11		eP 10 27 28 c
		eL 10 32.7

DOMINION OBSERVATORIES

#333'N ± 20'
70°12'W ± 20'
15 miles south of Portland me.
mag 4.7
see file

APRIL 26
Felt in New England
Kirkland Lake
eP_n 11 42 07
eS_n 11 43 34
eS₁ 11 44 14
Ottawa
eP_n 11 41 14
eS_n 11 42 14
i 11 42 17
eL 11 42 38
Resolute
e 11 56 59
Seven Falls
eP_n 11 41 07
e 11 41 36
i 11 41 43
eS_n 11 41 54
Schefferville
e (11 43 36)
Shawinigan Falls
eP_n 11 41 01
iS_n 11 41 51
e 11 42 07

Victoria
iP 15 18 16 c

APRIL 26
Halifax
eP 16 19 58

APRIL 26
Shawinigan Falls
eP 22 57 23

APRIL 27
U. S. C. G. S.
0, 121 1/2E
Near coast of
Celebes
H = 00 09 47
h = 60 km
Resolute
e(SS) 00 42 20

APRIL 27
U. S. C. G. S.
53N, 166W
Fox Islands,
Aleutian Islands
H = 02 39 24
Resolute
eP 02 46 21

APRIL 27
U. S. C. G. S.
Near coast of
central Chile
H = 04 19 20
Kirkland Lake
eP 04 31 45
Shawinigan Falls
eP 04 31 35 d

APRIL 27
Shawinigan Falls
e(P_n) 10 31 14
i 10 31 19

~~Local shock~~
no.

APRIL 27
U. S. C. G. S.
20S, 170E
Loyalty Islands
H = 11 30 33
h = 100 km

Horseshoe Bay
eP 11 43 33 c?
Shawinigan Falls
eP' 11 49 22 c
ipP' 11 49 52 c
Victoria
eP 11 43 31

APRIL 27
U. S. C. G. S.
Andreanof Islands,
Aleutian Islands
H = 12 48 45
Horseshoe Bay
eP 12 55 39 d
Resolute
e 12 57 21
Victoria
eP 12 55 42 d

APRIL 27
Resolute
eP 15 51 32

APRIL 27
Resolute
e 22 14 12

APRIL 28
Horseshoe Bay
eP 00 09 15
Victoria
eP 00 09 17

APRIL 26
U. S. C. G. S.
45N, 148E
Kurile Islands
H = 15 08 22
Banff
iP 15 18 36 c
Halifax
iP 15 21 09 c
Horseshoe Bay
iP 15 18 14 c
Kirkland Lake
iP (15 20 ??) c
Ottawa
eP 15 20 46 c
Resolute
iP 15 17 49
eL 15 33.3
Schefferville
eP 15 20 59 c
i 15 20 59.5 d
Shawinigan Falls
iP 15 20 47 c

SEISMOLOGICAL BULLETIN - 1957

APRIL 28

U. S. C. G. S.
7N, 127E
Mindanao, P.I.
H = 01 23 40
Halifax
eP' 01 42 49 d
i 01 42 51 c
ePP 01 44 50 c?
eL 02 25 28
Horseshoe Bay
eP 01 37 19 d?
Kirkland Lake
eP' 01 42 35
Ottawa
eP' 01 42 42
Resolute
eP 01 37 04
i 01 37 05 c
iPP 01 40 50
eS 01 47 34
eL 02 18.4
Schefferville
iP' (01 49 52)
Shawinigan Falls
iP' 01 42 42 c
i 01 42 53
ePP 01 44 22
Victoria
eP 01 37 18
e 02 00 00

APRIL 28

U. S. C. G. S.
6S, 155E
Solomon Islands
H = 10 36 41
h = 60 km
Resolute
e(pPS) 11 03 59
eSS 11 08 46
Victoria
eL 11 07.7

APRIL 28

U. S. C. G. S.
52 1/2N, 168 1/2W
Fox Islands,
Aleutian Islands
H = 14 48 52
Halifax
eP 14 59 29 c?
eP_cP 14 59 55
eS 14 08 00
eL 14 15 18
Horseshoe Bay
eP 14 54 50
eS 14 59 41
Kirkland Lake
eP 14 58 16 c
Ottawa
iP 14 58 44 c
epP 14 59 10
eS 15 06 40
Resolute
iP 14 55 56 c
eS 15 01 38
Seven Falls
eS 15 06 55
Schefferville
eP (15 04 05) d
Shawinigan Falls
eP 14 58 48 c
epP 14 59 14
Victoria
eP 14 54 54
eS 14 59 44
eL 15 01 21

APRIL 28

Resolute
e(P) 15 11 25

APRIL 28

U. S. C. G. S.
50 1/2N, 178W
Andreanof Islands,
Aleutian Islands
H = 20 03 42
Horseshoe Bay
eP 20 10 34

Kirkland Lake

eP 20 13 43
Resolute
eP 20 11 17
e 20 17 41
Victoria
eP 20 10 34

APRIL 28

Horseshoe Bay
iP 21 41 08.8 c

APRIL 29

U. S. C. G. S.
52 1/2N, 168 1/2W
Fox Islands,
Aleutian Islands
H = 04 30 04
Horseshoe Bay
eP 04 36 03
Kirkland Lake
eP 04 39 ?? d
Ottawa
eP 04 39 55
Resolute
iP 04 37 08 d
eS 04 42 35
e(SS) 04 45 46
eS_cS 04 47 24
Schefferville
eP 04 39 38
i 04 39 51.5
Shawinigan Falls
iP 04 39 59 d
epP 04 40 13
Victoria
eP 04 36 06
eS 04 40 55
eL 04 42.5

APRIL 29

U. S. C. G. S.
52 1/2N, 169W
Fox Islands,
Aleutian Islands
H = 04 37 12

DOMINION OBSERVATORIES

Ottawa
 eP 04 47 03
 Resolute
 eL 04 53.8
 Shawinigan Falls
 eP 04 47 07

APRIL 29
 U. S. C. G. S.
 44N, 147E
 Kurile Islands
 H = 09 22 14
 Halifax
 eP 09 35 04
 Horseshoe Bay
 eP 09 32 08
 Kirkland Lake
 eP 09 34 ?? c
 Ottawa
 eP 09 34 41 c
 Resolute
 iP 09 31 43
 Shawinigan Falls
 eP 09 34 39 c
 Victoria
 eP 09 32 11

APRIL 29
 U. S. C. G. S.
 22S, 66W
 Argentina - Bolivia
 border
 H = 10 11 53
 h = 200 km
 Horseshoe Bay
 eP 10 24 17
 Kirkland Lake
 eP 10 22 ?? d
 Ottawa
 eP 10 22 32 d
 Shawinigan Falls
 iP 10 22 36 d
 Victoria
 eP 10 24 17

APRIL 29
 Resolute
 eP 18 49 27

APRIL 29
 U. S. C. G. S.
 9S, 107E
 Off south coast of
 Java
 H = 20 55 57
 Halifax
 iP' 21 15 33 c?
 i 21 15 40
 Ottawa
 eP' 21 15 36
 Resolute
 eP' 21 14 37
 e(S) 21 23 18
 Shawinigan Falls
 eP' 21 15 36

APRIL 29
 Horseshoe Bay
 iP 22 26 08 c

APRIL 30
 U. S. C. G. S.
 10 1/2N, 127E
 Samar Island, P.I.
 H = 03 32 49
 Resolute
 eP 03 45 57

APRIL 30
 Resolute
 eP 08 52 49

Shawinigan quarry
 APRIL 30
 Halifax

iP1 20 48 51.5
 iS1 20 48 56.3

MAY 1
 Victoria
 eP 19 53 32.2 c
 eS 19 53 40.5

MAY 1
 U. S. C. G. S.
 52 1/2N, 171W
 Fox Islands,
 Aleutian Islands
 H = 23 28 09
 Halifax
 iP 23 38 52 c
 Horseshoe Bay
 eP 23 34 20
 i(PcP) 23 37 22
 eS 23 39 18
 eL 23 43.5
 Kirkland Lake
 eP 23 37 41
 Ottawa
 eP 23 38 09 c
 Resolute
 iP 23 35 19 c
 e(PcP) 23 37 41
 iS 23 41 25
 e 23 42 06
 eL 23 44.7

Schefferville
 iP (23 37 49)
 Seven Falls
 eP 23 38 20
 Shawinigan Falls
 eP 23 38 15
 Victoria
 eP 23 34 22
 eS 23 39 20
 eL 23 42.3

MAY 2
 U. S. C. G. S.
 4 1/2S, 153E
 Near New Britain
 H = 01 50 09
 h = 60 km
 Horseshoe Bay
 eP 02 03 05

SEISMOLOGICAL BULLETIN - 1957

Ottawa		Halifax		MAY 2	
iP'	02 09 02 c	iP	04 01 22	U.S.C.G.S.	
		eS	04 06 03	56 1/2S, 123W	
		eL _g	04 10 14	South Pacific Ocean	
MAY 2		Horseshoe Bay		H = 10 34 14	
U.S.C.G.S.		eP	04 02 14 d?	Resolute	
54N, 166W		e	04 03 13	iP'	10 53 36
Fox Islands,		e	04 04 55	e	11 04 14
Aleutian Islands		e	04 10 04	e(SS)	11 13 23
H = 02 22 18		Kirkland Lake		e(SSS)	11 18 40
Banff		eP	04 00 54 c?	Victoria	
iP	02 28 32 c	i	04 00 55 d	eL	11 22.7
Halifax		eS	04 05 14		
iP	02 32 39 c	eL _g	04 08 11		
Horseshoe Bay		Ottawa		MAY 2	
iP	02 28 03 d	iP	04 01 16 c	U.S.C.G.S.	
e	02 31 21	eS	04 06 00	52 1/2N, 169W	
Kirkland Lake		eL _g	04 09 08	Fox Islands,	
eP	02 31 15	Resolute		Aleutian Islands	
Ottawa		iP	03 57 30 c	H = 11 29 13	
eP	02 31 52	iS	03 58 55	Banff	
Resolute		iL	03 59 38	eP	11 35 45
iP	02 29 05 c	Saskatoon		Halifax	
eL	02 38 15	eP	04 01 16	eP	11 39 52
Schefferville		e	04 05 25	Horseshoe Bay	
iP	(02 31 37) d	eL	04 08.9	eP	11 35 14
Seven Falls		Schefferville		e(P _c P)	11 38 23
eP	02 32 01	eP	(04 00 45) d	eS	11 40 00
Shawinigan Falls		i	(04 00 45.5) c	Kirkland Lake	
iP	02 31 58 d	Seven Falls		eP	11 38 35
Victoria		eP	04 00 59	Ottawa	
eP	02 28 01	eS	04 05 27	iP	11 39 03 d
e	02 31 22	eL	04 08 05	eS	11 47 04
		Shawinigan Falls		Resolute	
		iP	04 01 04 c	iP	11 36 17 d
		e	04 05 43	ePP	11 37 32
		eL	04 08 21	eS	11 42 01
MAY 2		Victoria		Saskatoon	
U.S.C.G.S.		eP	04 02 20 d	eP	11 36 15
72N, 67 1/2W		e	04 03 22	Schefferville	
Baffin Bay		eS	04 13 09	iP	(11 39 08) d
H = 03 55 34				Shawinigan Falls	
Banff				iP	11 39 10 c
eP	04 01 39 c			Victoria	
e	04 02 10			eP	11 35 14 d
eS	04 07 09	MAY 2		e(S)	11 40 08
e	04 09 09	Resolute		e	11 41.8
e	09 10 46	e(P)	08 23 23		

DOMINION OBSERVATORIES

MAY 2

U. S. C. G. S.
52 1/2N, 169W
Fox Islands,
Aleutian Islands
H = 11 38 52
Banff
eP 11 45 25 d?
Halifax
e 11 49 41
Horseshoe Bay
eP 11 44 53 c?
e(P_CP) 11 48 04
eS 11 49 44
eL 11 51.8

Kirkland Lake
eP 11 48 17 d?
Ottawa
iP 11 48 44 d
eS 11 56 40

Resolute
i 11 45 57
e 11 46 36
eL 12 00.0

Schefferville
iP -- -- -- c

Shawinigan Falls
iP 11 48 50 d

Victoria
eP 11 44 56 c?
e 11 48 05
e(S) 11 49 46

MAY 2

Horseshoe Bay
eP 12 40 56
Victoria
eP 12 40 59

MAY 2

Banff
iP 13 40 32 d

MAY 2

U. S. C. G. S.
51N, 176 1/2W
Andreanof Islands,
Aleutian Islands
H = 13 53 27
Horseshoe Bay
eP 14 00 15
Resolute
eP 14 00 57
eS 14 07 03
Victoria
eP 14 00 16

MAY 2

Resolute
eP 19 10 48

MAY 2

U. S. C. G. S.
7 1/2S, 120E
Flores Sea
H = 21 36 25
h = 600 km
Banff
iP' 21 54 07
e 22 10 04
Halifax
iP' 21 54 55 d
iP' or
SKP 21 57 41 d?
Horseshoe Bay
iP' 21 54 03 d
Kirkland Lake
eP' 21 54 44
Ottawa
iP' 21 54 44
eP' or
SKP 21 57 32
ePP 21 57 45
eSS 22 15 30
Resolute
esP 21 53 08
iP' 21 53 53
e(SKS) 21 59 34
eSKKS 22 00 36
eSP 22 03 06
ePS 22 04 13

Schefferville

eP' -- -- -- d
iP' -- -- -- c
Seven Falls
eP' 21 54 51
eSKP 21 57 33
Shawinigan Falls
eP' 21 54 42 d
eSKP 21 57 31
iPP 21 57 44 c
eS 22 03 45
Victoria
eP' 21 54 00 d

MAY 3

Resolute
eP 01 06 31

MAY 3

U. S. C. G. S.
51N, 179 1/2E
Andreanof Islands,
Aleutian Islands
H = 07 10 25
Banff
eP 07 17 58
Horseshoe Bay
iP 07 17 30 d
i(P_CP) 07 19 56 c
Ottawa
iP 07 21 06 d
Resolute
eP 07 18 06
i 07 18 10 c
iS 07 24 00
Seven Falls
eP 07 21 14
Shawinigan Falls
eP 07 21 09
Victoria
iP 07 17 32 d
e 07 19 56

MAY 3

Resolute
e 12 59 36

SEISMOLOGICAL BULLETIN - 1957

MAY 3	Resolute	Horseshoe Bay
U.S.C.G.S.	eP 11 29 55	iP 21 44 53.7
12 1/2N, 125 1/2E	e 12 05 48	iS 21 45 13.9
Near east coast of		Victoria
Samar, P.I.		eP 21 44 44.4
H = 14 43 03		eS 21 44 55.8
Resolute	MAY 4	eS 21 44 56.2
iP 14 56 00 d	U.S.C.G.S.	eS 21 44 57.1
	37N, 96 1/2E	
	Chinghai Province,	
	China	
	H = 14 52 20	
MAY 3	Banff	MAY 6
Banff	eP 15 05 13	U.S.C.G.S.
eP 16 22 36		52N, 173W
Horseshoe Bay	Resolute	Andreanof Islands,
eP 16 22 08 d?	eP 15 03 24 c	Aleutian Islands
Resolute	i 15 03 25 d	H = 11 18 15
iP 16 22 48		Banff
Victoria		iP 11 26 44 c
eP 16 22 10		Horseshoe Bay
		iP 11 26 11 c
		Kirkland Lake
		e(P) 11 27 56
MAY 3	MAY 4	Victoria
Victoria	Alberni	eP 11 26 15 c
eP 21 51 25	eP 21 10 08.2	
	iP 21 10 09.1	
	iS 21 10 37.0	
	Banff	
	eP 21 10 55.6	
	Horseshoe Bay	
MAY 4	iP 21 10 02.5 d	MAY 6
Resolute	iS 21 10 29.7	U.S.C.G.S.
e(P) 02 11 09	iS 21 10 30.6	52N, 173W
	Victoria	Andreanof Islands,
	iP 21 09 50.1 d	Aleutian Islands
	iS 21 10 06.5	H = 11 19 47
	iS 21 10 08.2	Halifax
MAY 4	iS 21 10 09.2	eP 11 30 39 c
U.S.C.G.S.	Felt at Aberdeen,	Kirkland Lake
3 1/2S, 137E	Tacoma and Olympia,	eP 11 29 30 c
Western New Guinea	Washington	Ottawa
H = 10 05 45		eP 11 29 57 c
Resolute		Resolute
eP 10 19 45		iP 11 27 07 d
ePS 10 33 00		ePP 11 28 40
eSS 10 38 55		eP _c P 11 29 22
		eS 11 33 10
		Schefferville
		eP -- -- -- d
MAY 4	MAY 4	Seven Falls
U.S.C.G.S.	Resolute	eP 11 30 06
52 1/2N, 166 1/2W	eL 23 54 13	Shawinigan Falls
Fox Islands,		eP 11 30 01 c
Aleutian Islands		eP _c P 11 30 37
H = 11 22 53		
	MAY 5	
	Alberni	
	eP 21 44 48.4	
	eS 21 45 04.1	
	eS 21 45 04.4	

DOMINION OBSERVATORIES

MAY 6

U. S. C. G. S.
36N, 51E
Northern Iran
H = 15 06 47
Resolute
eS 15 26 42
Shawinigan Falls
eP 15 19 24

MAY 6

Alberni
iP 18 35 49.3
iS 18 36 05.5
Horseshoe Bay
iP 18 35 42.4
iS 18 35 53.5
Victoria
eP 18 35 32.2
eS 18 35 35.6

MAY 6

U. S. C. G. S.
10 1/2N, 127E
Off coast of
Mindanao, P.I.
H = 21 41 30
Resolute
iP 21 54 39

MAY 7

U. S. C. G. S.
1N, 85 1/2W
Off coast of Ecuador
H = 01 18 28
Resolute
eL 01 47 34

MAY 7

U. S. C. G. S.
51 1/2N, 179 1/2E
Andreanof Islands,
Aleutian Islands
H = 05 36 32

Halifax

eP 05 47 50
Horseshoe Bay
eP 05 43 34
e(P_cP) 05 46 01
eS 05 49 16
Kirkland Lake
eP 05 46 39
Ottawa
eP 05 47 10

Resolute

eP 05 44 10 c
ePP 05 45 57
eS 05 50 14

Seven Falls

eP 05 47 19
Shawinigan Falls
eP 05 47 11
i 05 47 16
ePP 05 49 36

Victoria

eP 05 43 37
eS 05 49 20
eL 05 54

MAY 7

U. S. C. G. S.
51 1/2N, 170W
Fox Islands,
Aleutian Islands
H = 09 09 53

Banff

eP 09 16 34

Halifax

e 09 20 38

Kirkland Lake

eP 09 19 25 c?

Ottawa

eP 09 19 53 c

Resolute

eP 09 17 10

Shawinigan Falls

eP 09 19 58

MAY 7

U. S. C. G. S.
30N, 137 1/2E
South of Honshu,
Japan
H = 22 19 03
Resolute
eP 22 30 14
ePP 22 32 58

MAY 8

Resolute
eL 10 51 54

MAY 8

U. S. C. G. S.
41 1/2N, 75E
Kirgiz, S.S.R.
H = 14 24 30
Shawinigan Falls
eP 14 37 24

MAY 8

U. S. C. G. S.
15 1/2S, 179E
Fiji Islands
H = 20 09 53
h = 400 km

Banff

e 20 22 03

Resolute

eP 20 23 19

eSKS 20 33 35

eSS 20 42 25

e 21 00 08

Victoria

eP 20 21 34

MAY 9

Horseshoe Bay
eP 08 57 24 c?

SEISMOLOGICAL BULLETIN - 1957

MAY 10		Horseshoe Bay		MAY 12	
Alberni		eP'	05 07 05	U.S.C.G.S.	
iP	17 04 15.5	i	05 07 07 d	8 1/2S, 107 1/2E	
eS	17 04 20.6	e	05 10 37	Near south coast of	
Victoria		e	05 10 39	Java	
eP	17 04 30.7	Kirkland Lake		H = 11 29 07	
eS	17 04 46.8	eP'	05 06 31	Banff	
		Ottawa		eP'	11 48 06
		eP'	05 06 25	Halifax	
MAY 10		ePP	05 07 14	eP'	11 48 41
Victoria		eSKS	05 13 10	Horseshoe Bay	
eP	17 12 08.9	ePS	05 16 40	eP'	11 48 02
eS	17 12 26.1	Resolute		Kirkland Lake	
		iP'	05 07 13	eP'	11 48 37
		Schefferville		e	11 51 31
		eP'	(05 07 03)	Ottawa	
MAY 11		Victoria		eP'	11 48 40
Banff		eP'	05 07 05 d?	Resolute	
eP	00 26 35.9	eL	05 53.6	eP'	11 47 43
iS	00 27 20.5			ePP	11 48 55
				eS	11 54 45
				Schefferville	
MAY 11		MAY 12		eP'	(11 48 21)
Banff		U.S.C.G.S.		Seven Falls	
iS	03 36 58	53N, 142E		eP'	11 48 38
Local shock		Northern Sakhalin		Shawinigan Falls	
		H = 06 48 27		eP'	11 48 44
		Banff		ePP	11 51 48
		eP	06 58 15		
MAY 11		Kirkland Lake			
U.S.C.G.S.		eP	07 00 01		
51 1/2N, 178 1/2W		Ottawa		MAY 12	
Andreanof Islands,		eP	07 00 27	Resolute	
Aleutian Islands		Resolute		iP	13 14 15 c
H = 07 30 22		eP	06 56 56 d		
Horseshoe Bay		i	06 56 57 c		
iP	07 37 17 d	eS	07 03 47	MAY 13	
e(P _c P)	07 39 50			U.S.C.G.S.	
Resolute				44N, 135 1/2E	
eP	07 37 58			Sikhota Alin, Siberia	
ePP	07 39 36			H = 02 20 55	
eS	07 43 52			h = 300 km	
Victoria		MAY 12		Halifax	
iP	07 37 19 d	Horseshoe Bay		eP	02 33 24
		iP	07 33 04.1 c	Horseshoe Bay	
		iS	07 33 25.2	iP	02 31 02 c?
		Victoria		Resolute	
		iP	07 32 51.6 d	iP	02 30 12 c
		iS	07 33 03.0	Shawinigan Falls	
				eP	02 33 07
MAY 12					
U.S.C.G.S.					
60 1/2S, 26W					
Sandwich Islands					
region					
H = 04 47 44					

DOMINION OBSERVATORIES

Benson's Mission

Victoria
eP 02 31 05

46° 36' N, 74° 04' W

MAY 13

Ottawa
iP_n 08 08 04
iS_n 08 08 26
eS₁ 08 08 31
D = 210 km

Seven Falls
iP_n 08 08 16
iS_n 08 08 41
iS₁ 08 08 50
D = 250 km

Shawinigan Falls
eS 08 08 01

MAY 13

U.S.C.G.S.
Western North
Carolina
H = 14 24 58
Ottawa
e(P) 14 27 51
eS 14 30 16
eSS 14 30 32
Shawinigan Falls
eS 14 31 24

MAY 13

U.S.C.G.S.
32 1/2N, 137E
South of Honshu,
Japan
H = 15 19 35
h = 300 km
Resolute
eP 15 29 53

MAY 13

Banff
iP 21 49 55.6
iS 21 49 59.9

MAY 14
Horseshoe Bay
iP 05 26 43 c

MAY 14
Ottawa
eP 07 44 30

MAY 14
Banff
eP 10 44 38.0
eS 10 45 44.0

MAY 14
Kirkland Lake
eP 14 19 22

MAY 14
U.S.C.G.S.
Andreanof Islands,
Aleutian Islands
H = 18 43 28
Banff
eP 18 50 28
Kirkland Lake
eP 18 52 14
Ottawa
eP 18 53 40
Resolute
eS 18 57 01
Shawinigan Falls
iP 18 53 46

MAY 14
Banff
eP 20 33 04.5
e 20 33 08.7
Local shock

MAY 14
Ottawa
iP_n 20 48 03
iS_n 20 48 21
eL 20 48 28
D = 156 km

MAY 14
Ottawa
eP 21 28 37

MAY 15
U.S.C.G.S.
51 1/2N, 175W
Andreanof Islands,
Aleutian Islands
H = 01 43 05
Ottawa
eP 01 53 23
Shawinigan Falls
eP 01 53 28

MAY 15
U.S.C.G.S.
17 1/2N, 93 1/2W
Chiapas, Mexico
H = 02 11 05
h = 100 km
Banff
eP 02 18 19 c
Horseshoe Bay
eP 02 18 36
Kirkland Lake
eP 02 17 33
epP 02 18 02
esP 02 20 13
Ottawa
eP 02 17 26 d
epP 02 17 54
esP 02 18 06
ePP 02 18 30
eP_CP 02 20 10
Resolute
iP 02 20 47 c
eS 02 28 12
e 02 39 30

SEISMOLOGICAL BULLETIN - 1957

Seven Falls

eP 02 18 23 d
 Shawinigan Falls
 eP 02 17 51
 epP 02 18 13
 esP 02 18 26
 Victoria
 eP 02 18 32 c

MAY 15

Horseshoe Bay
 eP 07 54 31

MAY 15

Alberni
 eP 22 05 48.0
 e 22 06 10.2
 Horseshoe Bay
 eP 22 05 31.0 c
 i 22 05 33.6
 iS 22 05 41.1
 Victoria
 iP 22 05 35.6 d
 iS 22 05 48.3
 iS 22 05 49.3

MAY 16

Ottawa
 iP 08 24 18 c

MAY 16

Alberni
 iP 09 29 46.3 c
 i 09 29 59.8
 es 09 30 23.9
 Horseshoe Bay
 iP 09 30 00.8 d?
 es 09 30 37
 e 09 31 29
 Victoria
 eP 09 29 59.1
 es 09 30 46

MAY 16

U.S.C.G.S.
 28S, 66W
 Argentina
 h = 100 km
 Kirkland Lake
 iP 15 06 22 d
 e 15 06 55
 Ottawa
 iP 15 06 03 c
 Seven Falls
 iP 15 06 12 d
 Shawinigan Falls
 iP 15 06 07 d

MAY 16

Horseshoe Bay
 iP 16 54 29.1 c?
 iS 16 54 46.1
 Victoria
 eP 16 54 28.4
 iS 16 54 44.0

MAY 17

U.S.C.G.S.
 18S, 176 1/2W
 Fiji Islands
 H = 02 42 02
 h = 60 km
 Banff
 eP 02 54 40
 Horseshoe Bay
 eP 02 54 18
 Victoria
 eP 02 54 15

MAY 17

Halifax
 iP 19 28 19
 iS 19 28 24
 iS 19 28 25.3

MAY 17

U.S.C.G.S.
 Revilla Gigedo Island
 region
 H = 20 42 40
 Ottawa
 eP 20 50 21
 Resolute
 es 21 00 24
 eSS 21 04 13
 e 21 11 49
 Shawinigan Falls
 eP 20 50 43
 Victoria
 eL 22 00.8

MAY 18

Banff
 eP 02 46 29

MAY 18

U.S.C.G.S.
 51N, 171W
 Fox Islands,
 Aleutian Islands
 H = 05 24 01
 Halifax
 eP 05 34 55
 Horseshoe Bay
 eP 05 30 19
 eL 05 37.0
 Kirkland Lake
 eP 05 33 40 d
 Ottawa
 iP 05 34 08 d
 ePP 05 36 19
 es 05 42 22
 Resolute
 iP 05 31 23
 eP_CP 05 33 37
 es 05 37 06
 Saskatoon
 e 05 37 17
 Seven Falls
 eP 05 34 16 d
 es 05 42 38
 eSS 05 46 55

*Hypocenter near
 Belast*

DOMINION OBSERVATORIES

Shawinigan Falls
 eP 05 34 12 d
 eP_CP 05 35 08
 ePP 05 36 23
 Victoria
 eP 05 30 21

Ottawa
 eP 07 26 55
 Resolute
 eP 07 29 25
 Shawinigan Falls
 eP 07 27 07

Shawinigan Falls
 eP 21 07 36 c
 Victoria
 eP 21 09 02

MAY 18

Kirkland Lake
 eP 20 11 06
 eS 20 11 24

MAY 19

U. S. C. G. S.
 Near coast of Central
 Peru
 H = 05 19 40
 Halifax
 eP 05 29 34 c
 Kirkland Lake
 eP 05 29 49
 Ottawa
 iP 05 34 08 d
 ePP 05 36 19
 eS 05 42 22

Seven Falls
 eP 05 29 46 c
 Shawinigan Falls
 iP 05 29 40 d

MAY 19

Shawinigan Falls
 iP 06 39 50 d

MAY 19

U. S. C. G. S.
 800 miles west of
 Galapagos Island
 H = 07 17 20
 Banff
 eP 07 27 01
 Horseshoe Bay
 eP 07 27 01
 Kirkland Lake
 eP 07 27 00

MAY 19

Alberni
 iP 19 49 08.9
 eS 19 49 49
 Horseshoe Bay
 eP 19 49 22.9
 Local shock

MAY 19

U. S. C. G. S.
 25N, 125 1/2E
 Ryukyu Islands
 H = 20 45 03
 Resolute
 iP 20 57 00 c

MAY 19

U. S. C. G. S.
 12N, 87W
 Near coast of
 Nicaragua
 H = 21 00 36
 h = 100 km

Banff

eP 21 08 47
 Halifax
 eP 21 07 51 c
 Horseshoe Bay
 eP 21 09 05
 Kirkland Lake
 iP 21 07 35 c
 Ottawa
 iP 21 07 21 c
 eS 21 13 12
 eL 21 17 18
 Resolute
 eP 21 10 53
 Seven Falls
 eP 21 07 45

MAY 19

U. S. C. G. S.
 8S, 74W
 Peru
 H = 22 41 03
 h = 200 km
 Kirkland Lake
 eP 22 50 23
 Ottawa
 eP 22 50 04 d
 epP 22 50 37
 Schefferville
 iP --- --- c
 iP_CP --- --- c
 Seven Falls
 eP 22 50 18 c
 epP 22 50 53
 Shawinigan Falls
 iP 22 50 13 c
 epP 22 50 48

MAY 20

Halifax
 iP 01 56 32 P. 015
 IS 01 57 07

MAY 20

U. S. C. G. S.
 51N, 180
 Andreanof Islands,
 Aleutian Islands
 H = 01 50 54
 Banff
 eP 01 58 27
 Horseshoe Bay
 iP 01 57 58
 e 02 03 38
 Kirkland Lake
 eP 02 00.7

Blas in minis

Blas from the Little Narrows

SEISMOLOGICAL BULLETIN - 1957

Resolute
 eP 01 58 36
 ePP 02 00 16
 eS 02 04 44
 Seven Falls
 eP 02 01 38
 Shawinigan Falls
 eP 02 01 42
 Victoria
 eP 01 58 00

MAY 20
 Ottawa
 iP 08 04 30 d
7 Benson Mine Blast
 MAY 20
 Ottawa
 iP_n 18 11 28
 eS_n 18 11 45
 eL 18 11 53
 D = 150 km

Ottawa
 e 01 29 24
 ePP 01 30 07
 epPP 01 30 37
 ePPP 01 32 29
 eSKS 01 36 22
 eSKKS 01 37 04
 ePS 01 39 12
 ePKKP 01 41 44
 Resolute
 iP 01 23 44 d
 e(PP) 01 26 36
 eS 01 33 21
 eSS 01 38 05
 eSSS 01 41 51

MAY 20
 U.S.C.G.S.
 53 1/2N, 167W
 Fox Islands,
 Aleutian Islands
 H = 03 42 26
 Kirkland Lake
 eP 03 51 44
 Schefferville
 eP -- -- -- c
 Seven Falls
 eP 03 52 17
 Shawinigan Falls
 eP 03 52 13 c

MAY 20
 U.S.C.G.S.
 38 1/2N, 14E
 Sicily foreshock
 H = 19 57 35
 Halifax
 eP 20 07 17 d
 Ottawa
 eP 20 08 08
 Schefferville
 iP -- -- -- c

Saskatoon
 iP 01 24 12
 i 01 24 27
 iS 01 34 17
 i 01 35 11
 Seven Falls
 ePP 01 30 14
 eSKS 01 36 25
 eSKKS 01 37 10
 eS 01 37 40
 ePS 01 39 12
 e 01 40 03

MAY 20
 U.S.C.G.S.
 Off coast of
 Costa Rica
 H = 06 38 30
 Halifax
 eP 06 46 20
 Kirkland Lake
 eP 06 46 03 d?
 Ottawa
 iP 06 45 48 d
 Schefferville
 iP -- -- -- d
 Seven Falls
 iP 06 46 14 d
 Shawinigan Falls
 eP 06 46 05 d

MAY 21
 U.S.C.G.S.
 21 1/2N, 144E
 Mariana Island region
 H = 01 11 58
 Banff
 iP 01 23 59 d
 i 01 24 27
 Halifax
 e(PP) 01 30 49
 eSKS 01 36 43
 eS 01 37 56
 Horseshoe Bay
 iP 01 23 37 d
 i 01 24 03
 iS 01 33 08 d,N,E
 i 01 33 35
 Kirkland Lake
 e 01 26 03
 e(PP) 01 29 41
 ePKKP 01 41 57

Victoria
 iP 01 23 38 d
 eS 01 33 11 d
 eL 01 42.5

MAY 21
 Resolute
 e(P) 01 54 12

MAY 21
 Halifax
 eL 03 55

MAY 21
 Alberni
 eP 07 46 06.8
 iS 07 46 38.2

DOMINION OBSERVATORIES

Horseshoe Bay
 eP 07 45 57.6
 iS 07 46 22.5
 Victoria
 eP 07 45 48.0
 iS 07 46 05.0

MAY 21
 U. S. C. G. S.
 36 1/2N, 141 1/2E
 Near east coast of
 Honshu, Japan
 H = 11 36 06
 Horseshoe Bay
 eP 11 46 56
 Resolute
 iP 11 46 34 c
 Victoria
 eP 11 47 10

MAY 21
 U. S. C. G. S.
 38 1/2N, 14E
 Near north coast of
 Sicily
 H = 11 44 04
 Halifax
 eP 11 53 49 d?
 Horseshoe Bay
 eP 11 56 41
 Kirkland Lake
 eP 11 54 46
 Ottawa
 iP 11 54 40 d
 Resolute
 eP 11 54 00
 eSS 12 06 26
 Schefferville
 eP (11 53 29) d
 Seven Falls
 eP 11 54 14 d
 Victoria
 eP 11 56 46

MAY 21
 U. S. C. G. S.
 39 1/2N, 23E
 Near east coast of
 Greece
 H = 13 24 16
 Banff
 eP 13 36 43
 Kirkland Lake
 eP 13 35 28
 Ottawa
 eP 13 35 23 d
 Resolute
 iP 13 34 21 c?
 Schefferville
 eP (13 34 11)
 i (13 34 13) c
 Seven Falls
 eP 13 34 58
 Shawinigan Falls
 eP 13 35 08

MAY 21
 Resolute
 eL 15 23 32
 MAY 21
 Resolute
 eL 19 28 32

MAY 22
 U. S. C. G. S.
 50N, 177W
 Andreanof Islands,
 Aleutian Islands
 H = 13 29 44
 Banff
 eP 13 37 04
 Halifax
 iP 13 40 54 c
 eS 13 50 03
 Horseshoe Bay
 eP 13 36 32
 i(P_cP) 13 39 08
 eS 13 42 01

Ottawa
 iP 13 40 13 d
 eP_cP 13 40 53
 ePP 13 42 37
 e 13 43 46
 ePPP 13 44 10
 eS 13 48 47
 ePS 13 50 30
 eSS 13 53 00
 Resolute
 iP 13 37 23 d
 ePP 13 39 07
 eS 13 43 41
 Saskatoon
 eP 13 37 23
 eS 13 44 02
 Schefferville
 eP (13 39 56) c
 iP_cP (13 40 36)
 Seven Falls
 eP 13 40 20
 ePPP 13 44 24
 eS 13 49 06
 eSS 13 53 02
 eSSS 13 56 24
 Shawinigan Falls
 eP 13 40 15 d
 Victoria
 eP 13 36 37 c
 eS 13 42 07

MAY 22
 Ottawa
 eP 14 09 13
 MAY 22
 Kirland Lake
 eP 15 39 45
 eS 15 47 58

MAY 22
 U. S. C. G. S.
 77N, 5E
 Svalbard Island region
 Resolute
 eP 18 37 36
 i 18 37 40 d
 eS 18 41 44

error of 2 hrs in time. Sh. to report Club



SEISMOLOGICAL BULLETIN - 1957

MAY 23

Ottawa
iP 08 45 20 c

MAY 24

Ottawa
iP 02 05 57 d

MAY 24

U.S.C.G.S.
3N, 76 1/2W

Colombia
H = 02 37 37

Banff
eP 02 47 32 d

Halifax
iP 02 45 42 c

i 02 46 05 c
ePP 02 47 23 d
eS 02 52 00 SE
eSS 02 55 09

Horseshoe Bay
iP 02 47 52 d
iS 02 56 02 NE

Kirkland Lake
iP 02 45 55 c
i 02 46 09 c
eS 02 52 27 E
e 02 52 55 N
iSS 02 55 48 E

Ottawa
iP 02 45 33 c
epP 02 45 48
ePP 02 47 22
i 02 47 40
eS 02 51 44
ePS 02 52 06
e 02 54 16
eS_CS 02 55 22
eL 02 57 04

Resolute
iP 02 49 05 c
eS 02 58 17
eSS 03 03 03

Schefferville
eP (02 46 12) d
i (02 46 12.5) c

Seven Falls

iP 02 45 50
epP 02 46 05
eS 02 52 18
eSS 02 55 42

Shawinigan Falls

eP 02 45 44
epP 02 45 59
ePP 02 47 28
i 02 47 51
eS 02 52 08

Victoria

iP 02 47 50 d
i 02 48 06
i 02 48 19
eS 02 55 58 NE

MAY 24

U.S.C.G.S.
53N, 167 1/2W
Fox Islands,
Aleutian Islands
H = 03 36 33

Alberni
eP 03 42 21 d

Halifax
eP 03 47 04

Horseshoe Bay
eP 03 42 24
eS 03 47 05
eL 03 52.6

Kirkland Lake
eP 03 45 47
i 03 46 00

Ottawa
eP 03 46 16 d
ePP 03 48 25
eS 03 54 04
eS_CS 03 56 04

Resolute
iP 03 43 29 c
eS 03 48 58

Seven Falls
eP 03 46 25
eP_CP 03 47 20
eS 03 54 20

Shawinigan Falls
eP 03 46 21

Victoria

eP 03 42 26 d
eS 03 47 09

MAY 24

U.S.C.G.S.
17N, 146E
Mariana Islands
H = 10 07 40
h = 100 km

Banff

eP 10 19 54

Horseshoe Bay

iP 10 19 31 d

Resolute

iP 10 19 51 c

Victoria

eP 10 19 32

MAY 25

Resolute

eP 05 47 37
i 05 47 41 d
e 05 51 42

Earthquake at

MAY 25 *45° 58' N ± ? 74° 20' W ± ?*
Mag 2.8

Ottawa
iP₁ 12 28 09
iS₁ 12 28 24
D = 120 km

Seven Falls

iP_n 12 28 33.5
i 12 28 37.5
eS_n 12 29 07.5
D = 350 km *296*

Shawinigan Falls

iP₁ 12 28 09
iS₁ 12 28 25
Felt at St. Agathe,
Lac St. Denis, Lac
Louisa and Ste.
Adele, Quebec.

DOMINION OBSERVATORIES

MAY 25	i	06 45 12	MAY 26	
U. S. C. G. S.	eS	06 53 09	U. S. C. G. S.	
25 1/2S, 65W	e	06 53 17	40 1/2N, 31E	
Salta Province,	Horseshoe Bay		Turkey aftershock	
Argentina	eP	06 46 20 d?	H = 08 54 45	
H = 14 23 37	eSKS	06 56 54	Halifax	
Kirkland Lake	eS	06 57 13	eP	09 05 31
eP	Kirkland Lake		Kirkland Lake	
Ottawa	eP	06 45 01 d	eP	09 06 16
eP	eS	06 54 28 NW	Ottawa	
Seven Falls	Ottawa		eP	09 06 12 d
eP	iP	06 44 59 d	Resolute	
	e	06 45 23	eP	09 04 54
	ePPP	06 49 19	eS	09 12 32
	eS	06 54 28	Schefferville	
	ePS	06 55 08	eP	(09 05 07) d
	eSS	06 59 00	Seven Falls	
	Resolute		eP	09 05 50 d
	iP	06 43 37	Shawinigan Falls	
	iS	06 51 50	eP	09 05 57
	Saskatoon			
	eP	06 45 26		
	eS	06 55 28	MAY 26	
	eL	06 07.0	U. S. C. G. S.	
	Schefferville		41N, 31E	
	iP	(06 43 54) d	Turkey aftershock	
	Seven Falls		H = 09 13 43	
	iP	06 44 36 d	Ottawa	
	e	06 45 00	eP	09 25 10
	eS	06 53 38	Shawinigan Falls	
	ePS	06 54 15	eP	09 24 55
	ePPS	06 54 27		
	eSS	06 58 23		
	eSSS	07 01 08		
	Shawinigan Falls			
	iP	06 44 45 d		
	ePP	06 47 35		
	ePPP	06 49 16		
	eS	06 54 03		
	Victoria			
	eP	06 46 26 d		
	eSKS	06 56 45		
	eS	06 57 05		
	e	06 57 14		
	e	06 58 19		
MAY 26				
U. S. C. G. S.				
41N, 31E				
Bolu Province,				
Turkey				
H = 06 33 31				
Halifax				
iP		06 44 19 d		
i(P _C P)		06 44 50 c		
i		06 45 09		

SEISMOLOGICAL BULLETIN - 1957

Schefferville
 eP (09 46 54)
 i (09 46 58) d
 Seven Falls
 eP 09 47 35
 Shawinigan Falls
 eP 09 47 46 d
 epP 09 48 09
 ePP 09 50 34
 Victoria
 eP 09 49 30

MAY 26
 Resolute
 e(P) 10 17 09

MAY 26
 Ottawa
 eP 10 27 11 d

MAY 26
 Victoria
 eP 16 03 28

MAY 26
 Ottawa
 iP 19 00 43 d

MAY 27
 U.S.C.G.S.
 41N, 31E
 Turkey aftershock
 H = 07 05 11
 Ottawa
 eP 07 16 34

MAY 27
 U.S.C.G.S.
 4N, 83W
 Off coast of Colombia
 H = 10 55 16
 Kirkland Lake
 eP 11 03 27

Ottawa
 eP 11 03 06 d
 Schefferville
 eP -- -- -- c
 Seven Falls
 eP 11 03 24
 Shawinigan Falls
 eP 11 03 19 c

MAY 27
 U.S.C.G.S.
 40 1/2N, 31E
 Turkey aftershock
 H = 11 01 26
 Halifax
 eP 11 12 14
 Horseshoe Bay
 eP 11 14 17
 Kirkland Lake
 eP 11 12 57
 Ottawa
 eP 11 12 55 d
 Resolute
 eP 11 11 34
 eS 11 19 45
 Schefferville
 eP -- -- -- d
 Seven Falls
 eP 11 12 09
 Shawinigan Falls
 eP 11 12 40 d
 Victoria
 eP 11 14 21

MAY 27
 U.S.C.G.S.
 51 1/2N, 177 1/2W
 Andreanof Islands,
 Aleutian Islands
 H = 13 17 37
 Resolute
 eP 13 25 13

MAY 27
 Shawinigan Falls
 eP 16 05 41

MAY 27
 U.S.C.G.S.
 52N, 170 1/2W
 Fox Islands,
 Aleutian Islands
 H = 19 57 56
 Kirkland Lake
 eP 20 07 27
 Ottawa
 eP 20 07 55 d
 Resolute
 eP 20 05 07
 Schefferville
 eP -- -- -- d
 Shawinigan Falls
 eP 20 08 00 d

MAY 27
 Ottawa
 eP 21 48 26

MAY 28
 U.S.C.G.S.
 Samoa Island
 H = 00 19 10
 Resolute
 eL 01 04.1

MAY 28
 U.S.C.G.S.
 53N, 169W
 Fox Islands,
 Aleutian Islands
 H = 01 19 26
 Kirkland Lake
 eP 01 28 45
 Ottawa
 iP 01 29 16 d
 Resolute
 eP 01 26 30
 Schefferville
 eP -- -- -- c
 Shawinigan Falls
 eP 01 29 20 d

DOMINION OBSERVATORIES

MAY 28	Resolute	Horseshoe Bay
U.S.C.G.S.	iP 23 58 27 c	iP 09 35 28.2 c
25 1/2N, 95E		iS 09 35 50
Pakistan - Burma		Victoria
border	MAY 29	iP 09 35 16.5 c
H = 05 51 30	Kirkland Lake	iS 09 35 28.2
Ottawa	eP 01 21 57	
ePP 06 10 24		MAY 29
Resolute		U.S.C.G.S.
eP 06 03 41	MAY 29	40 1/2N, 31E
i 06 03 43 c	Kirkland Lake	Turkey aftershock
eS 06 13 36	eP 07 37 09	H = 10 17 43
Shawinigan Falls	Resolute	Ottawa
ePP 06 10 33	eP 07 39 09	eP 10 29 10
		Resolute
		e 10 48 04
MAY 28	MAY 29	
Kirkland Lake	Ottawa	
e(P) 06 21 28	eP 08 01 24 c	MAY 29
	Seven Falls	U.S.C.G.S.
	eP 08 01 25	Southern Greece
MAY 28	Shawinigan Falls	H = 18 39 09
U.S.C.G.S.	eP 08 01 25 c	Banff
15S, 168E		eP 18 51 47 d
New Hebrides Islands		Halifax
H = 23 19 39	MAY 29	iP 18 49 41 c
h = 300 km	Halifax	Horseshoe Bay
Halifax	eP 08 10 30	eP 18 52 05
iP' 23 38 14		Kirkland Lake
Horseshoe Bay		eP 18 50 31
eP 23 33 06	MAY 29	Ottawa
Kirkland Lake	Kirkland Lake	eP 18 50 27
eP' 23 37 50 d?	eP 08 13 46	Resolute
Ottawa	Ottawa	iP 18 49 27 d
iP' 23 37 57 d	eP 08 13 56	Schefferville
epP' 23 39 03	Shawinigan Falls	iP (18 49 24) c
Seven Falls	eP 08 13 57	Seven Falls
eP' 23 38 03 d		iP 18 50 03 c
Shawinigan Falls		Shawinigan Falls
eP' 23 38 00	MAY 29	iP 18 50 12 c
epP' 23 39 06	Ottawa	Victoria
Victoria	eP 08 23 46	eP 18 52 09
eP 23 33 06		
MAY 28	MAY 29	MAY 29
U.S.C.G.S.	Alberni	Ottawa
Near coast of Formosa	iP 09 35 32.0	eP 22 31 14
H = 23 46 20	iS 09 35 54.8	Resolute
		e(P) 22 28 18

SEISMOLOGICAL BULLETIN - 1957

MAY 30

U. S. C. G. S.
20S, 175W
Tonga Island
H = 00 18 52
Banff
eP 00 31 46
Horseshoe Bay
eP 00 31 21
eS 00 41 23
eL 00 59.1
Resolute
eS 00 44 08
Victoria
eP 00 31 19
eS 00 41 36
eL 00 58.0

MAY 30

Horseshoe Bay
eP 00 50 59
iS 00 51 13.7
Victoria
iP 00 50 51.2 c
eS 00 50 58.7
iS 00 50 59.9

MAY 30

U. S. C. G. S.
41 1/2N, 143E
Near south coast of
Hokkaido, Japan
H = 19 49 25
Banff
eP 20 00 09
Horseshoe Bay
eP 19 59 50
Ottawa
eP 20 02 13
Resolute
iP 19 59 22 c
Victoria
eP 19 59 54

MAY 31

U. S. C. G. S.
27 1/2S, 63W
Argentina
H = 02 16 27
h = 600 km
Halifax
iP 02 26 57 d
eS 02 35 33 SW
Horseshoe Bay
iP 02 28 44 d
e 02 30 49
eS 02 38 24
e 02 38 59
Kirkland Lake
iP 02 27 24 d
ipP 02 29 25 d
eS 02 36 21 SW
Ottawa
iP 02 27 06 d
eP_cP 02 27 27
epP 02 29 05
esP 02 29 46
eS 02 35 51
e 02 38 06
esPS 02 39 24
esSS 02 43 20
Resolute
eP 02 29 33
ePP 02 33 54
eS 02 40 35
Schefferville
iP -- -- -- d
Seven Falls
iP 02 27 13 d
eP_cP 02 27 39
epP 02 29 11
esP 02 29 52
eS 02 36 07
Shawinigan Falls
iP 02 27 10 d
epP 02 29 09
isP 02 30 05
ePP 02 30 25
eS 02 36 01
Victoria
eP 02 28 43 d
e 02 30 47
eS 02 38 31
e 02 38 55

MAY 31

U. S. C. G. S.
54N, 163 1/2W
Unimak Island region
H = 03 10 18
Horseshoe Bay
eP 03 15 49
Kirkland Lake
eP 03 19 26
Ottawa
eP 03 19 57
Resolute
eP 03 17 02
eS_cS 03 27 04
Seven Falls
eP 03 20 06
Shawinigan Falls
eP 03 19 59
Victoria
eP 03 15 56

MAY 31

Ottawa
eP 04 31 30
e 04 31 51
Shawinigan Falls
eP 04 31 32

MAY 31

Resolute
e 07 58 09
e 08 06 43

MAY 31

U. S. C. G. S.
55N, 169W
Fox Islands,
Aleutian Islands
H = 16 19 39
Kirkland Lake
eP 16 29 01
Schefferville
iP -- -- -- d

DOMINION OBSERVATORIES

MAY 31
Shawinigan Falls
eP 21 02 09

MAY 31
U.S.C.G.S.
3 1/2N, 77W
Near coast of Colombia
H = 21 57 46
h = 100 km

Halifax
iP 22 05 40 c?

Horseshoe Bay
iP 22 07 49 d
eS 22 16 02
eL 22 29.1

Kirkland Lake
iP 22 05 53 d

Ottawa
iP 22 05 31 d
epP 22 05 52
eS 22 11 44
eL 22 15 00

Resolute
iP 22 09 01 d
eS 22 18 12
esS 22 18 57

Schefferville
iP -- -- -- d

Seven Falls
iP 22 05 48 d
epP 22 06 09
eS 22 12 17
eL 22 15 21

Shawinigan Falls
iP 22 05 41 d
ePP 22 07 22
eP_CP 22 07 29

Victoria
iP 22 07 48 d
i 22 15 59
eL 22 30

MAY 31
U.S.C.G.S.
51N, 179 1/2W
Andreanof Islands,
Aleutian Islands
H = 22 17 10
Halifax
eP 22 28 21
Horseshoe Bay
iP 22 24 06 d

Kirkland Lake
eP 22 27 14

Ottawa
eP 22 27 40 c

Resolute
eP 22 24 48 c
iS 22 30 49

Schefferville
iP -- -- -- c

Seven Falls
eP 22 27 48 c

Shawinigan Falls
eP 22 27 44 c

Victoria
iP 22 24 09 d
i 22 29 47

JUNE 1
Kirkland Lake
eP 00 27 39

JUNE 1
Kirkland Lake
e 00 41 32

JUNE 1
Horseshoe Bay
eP 01 26 41
e 01 29 44
Resolute
eP 01 28 39
e 01 32 54
e 01 34 25
Victoria
eP 01 26 36
e 01 30 02

JUNE 1
Shawinigan Falls
e(P) 01 43 49

JUNE 1 *Not found*
Halifax
e(P) 01 47 02
e 01 47 32

JUNE 1
U.S.C.G.S.
40 1/2N, 31E
Northern Turkey
aftershock
H = 05 26 50
Halifax
eP 05 37 39
Kirkland Lake
eP 05 38 21
Ottawa
eP 05 38 20
Schefferville
eP (05 37 13) d
Seven Falls
eP 05 37 55
Shawinigan Falls
eP 05 38 05

JUNE 1
Alberni
iP 10 48 27.0 c,S,
iS 10 48 44.5
Horseshoe Bay
iP 10 48 27.6 c
iS 10 48 45.8

JUNE 1
U.S.C.G.S.
59 1/2N, 150 1/2W
Kenai Peninsula,
Alaska
H = 16 03 52
Halifax
eP 16 12 57 d

SEISMOLOGICAL BULLETIN - 1957

Kirkland Lake	JUNE 1	JUNE 4
eP 16 11 37 d	Resolute	U. S. C. G. S.
Ottawa	e 22 51 05	54N, 165W
iP 16 12 09 d		Unimak Island region
Resolute		H = 00 40 35
iP 16 09 19 d	JUNE 1	Resolute
eS 16 13 41	Resolute	eL 00 58.5
eL 16 17 40	e(P) 23 30 50	Victoria
Schefferville		eP 00 46 08
eP (16 11 15) d		
i (16 11 15.3) c	JUNE 2	
Seven Falls	U. S. C. G. S.	JUNE 4
iP 16 12 17 d	Turkey aftershock	U. S. C. G. S.
Shawinigan Falls	H = 01 11 56	10 1/2S, 166 1/2E
iP 16 12 14 d	Ottawa	Santa Cruz Island
	iP 01 23 25 c	H = 11 14 50
	Seven Falls	Halifax
	iP 01 23 00	iP' 11 33 53 c?
JUNE 1	Shawinigan Falls	Horseshoe Bay
U. S. C. G. S.	eP 01 23 09	iP 11 27 33 c
1N, 91W		Ottawa
Galapagos Islands		iP' 11 33 37
H = 19 35 08	JUNE 2	Seven Falls
Halifax	U. S. C. G. S.	eP' 11 33 42
eP 19 44 02	52 1/2N, 160E	Shawinigan Falls
Horseshoe Bay	Near east coast of	eP' 11 33 40 c
e 19 44 51	Kamchatka	Victoria
Kirkland Lake	H = 21 21 45	eP 11 27 30 c
eP 19 43 49	Resolute	
Ottawa	eL 21 45.7	
eP 19 43 36 d		JUNE 4
Resolute		Ottawa
eP 19 46 44	JUNE 2	eP 16 05 58
eS 19 56 15	U. S. C. G. S.	Shawinigan Falls
eL 20 04 42	Eastern Java	eP 16 05 50
Seven Falls	H = 23 00 29	
eP 19 43 57	Halifax	
Shawinigan Falls	iP' 23 20 17 c	JUNE 4
eP 19 43 55	eL 24 19.0	U. S. C. G. S.
Victoria	Ottawa	17 1/2S, 178W
eP 19 44 26	eP' 23 20 13	Fiji Island
	Resolute	H = 17 05 02
	eL 24 21.8	h = 550 km
JUNE 1		Halifax
U. S. C. G. S.		iP' 17 22 57 d
Turkey aftershock		i(pPP) 17 25 40 c
H = 21 08 12	JUNE 3	
Resolute	Halifax	
eL 21 41.3	iP 19 08 21	
	i 19 08 26	
	iS 19 08 28	

M. S. G. S. 22 51 05
Blas

DOMINION OBSERVATORIES

Horseshoe Bay		Kirkland Lake		Shawinigan Falls	
iP	17 16 36 c,N,E	e(P')	20 38 25	iP	07 21 43 c
e	17 18 41	e	20 39 57		
eS	17 26 03	e	20 40 52		
Kirkland Lake		Resolute		JUNE 5	
eP'	17 22 35	e	21 10 22	U. S. C. G. S.	
e	17 23 11	e	21 18 01	Southern Alaska	
Ottawa		Shawinigan Falls		H = 08 26 53	
eP'	17 22 41	eP'	20 37 28 d	Halifax	
ePP	17 23 30			eP	08 35 49
epPP	17 25 23			Horseshoe Bay	
eSKS	17 28 29	JUNE 4		eP	08 31 19
e	17 29 33	Resolute		Kirkland Lake	
eS	17 30 23	e	23 19 46	eP	08 34 30 c
e	17 31 20	e	23 29 21	Ottawa	
eSS	17 38 16			iP	08 35 02 c
Resolute				Resolute	
ePP	17 22 43	JUNE 5		iP	08 32 07
eSKS	17 28 01	Resolute		eS	08 36 14
eS	17 29 27	e(P)	01 42 01	Shawinigan Falls	
eSPP	17 32 14	e	01 42 32	eP	08 35 06 c
esSP	17 34 46			Victoria	
eSS	17 37 02			eP	08 31 25
Seven Falls		JUNE 5			
ePP	17 23 54	U. S. C. G. S.			
eSKS	17 28 43	52 1/2N, 35W		JUNE 5	
e	17 29 56	North Atlantic ocean		Resolute	
e	17 32 38	H = 07 16 17		e	09 58 18
Shawinigan Falls		Halifax		e	09 58 33
eP'	17 22 44 d	iP	07 20 56 c,S,W	e	10 01 27
Victoria		iS	07 24 38	e	10 01 46
iP	17 16 33 c,N,E	e	07 24 48 NW		
e	17 18 39	Kirkland Lake			
		eP	07 22 17	JUNE 5	
		e	07 30 05	U. S. C. G. S.	
JUNE 4		Ottawa		53N, 162 1/2E	
Resolute		iP	07 22 05 c	Off east coast	
e(P')	17 47 07	eS	07 26 40	of Kamchatka	
Horseshoe Bay		Resolute		H = 13 57 42	
eP	17 41 36	eP	07 22 47 d	Halifax	
		i	07 22 47.5 c	iP	14 09 26 c
		eS	07 27 38	Horseshoe Bay	
JUNE 4		Seven Falls		iP	14 05 58 d
U. S. C. G. S.		eP	07 21 28	Kirkland Lake	
Central Sumatra		i	07 21 41	eP	14 08 31 d?
H = 20 18 05		esP	07 21 58	Ottawa	
Halifax		ePP	07 22 14	iP	14 08 55 d
eP'	20 37 28	eS	07 25 47	ePP	14 11 32

SEISMOLOGICAL BULLETIN - 1957

Resolute
 iP 14 05 44 c
 iPP 14 07 33
 eS 14 12 12
 Seven Falls
 eP 14 08 59
 Shawinigan Falls
 eP 14 08 57 d
 Victoria
 eP 14 06 01 d

JUNE 6

U. S. C. G. S.
 52N, 178W
 Andreanof Islands,
 Aleutian Islands
 H = 03 30 22
 Halifax
 eP 03 41 28
 Horseshoe Bay
 eP 03 37 13
 Kirkland Lake
 eP 03 40 21
 Ottawa
 iP 03 40 49 d
 eP_CP 03 41 27
 Resolute
 ePP 03 39 31
 eP_CP 03 40 01
 eS 03 43 45
 Shawinigan Falls
 eP 03 40 51
 Victoria
 iP 03 37 16

JUNE 6

U. S. C. G. S.
 52N, 171 1/2W
 Fox Islands,
 Aleutian Islands
 H = 05 38 27
 Halifax
 eP 05 49 13 c
 Kirkland Lake
 eP 05 48 01 c
 e 05 48 15

Ottawa
 iP 05 48 29 c
 eS 05 56 34
 Resolute
 iP 05 45 40
 ePP 05 47 06
 iP_CP 05 48 01
 e 05 50 42
 eS_CS 05 55 53
 Seven Falls
 eP 05 48 37
 Shawinigan Falls
 eP 05 48 34 c
 Victoria
 eP 05 44 46

JUNE 6

U. S. C. G. S.
 3N, 126 1/2E
 Molucca Passage
 H = 19 49 47
 Halifax
 eP' 20 09 04
 Kirkland Lake
 eP' 20 08 48
 Ottawa
 iP' 20 08 57 d
 Resolute
 iP 20 03 26
 e 20 12 59
 eS 20 13 59
 eSS 20 21 20
 Shawinigan Falls
 iP' 20 08 56 d

JUNE 6

Resolute
 e 21 42 12
 e 22 03 50

JUNE 7

U. S. C. G. S.
 44 1/2N, 81E
 Sinkiang Prov., China
 H = 00 03 17

Halifax
 eP 00 16 09 c
 Ottawa
 eP 00 16 19 c
 Shawinigan Falls
 iP 00 16 19 c

JUNE 7

Horseshoe Bay
 eP 01 38 47

JUNE 7

U. S. C. G. S.
 51 1/2N, 179W
 Andreanof Islands,
 Aleutian Islands
 H = 02 46 40
 Horseshoe Bay
 eP 02 53 33
 Resolute
 eS 02 59 58
 Victoria
 eP 02 53 35

JUNE 7

Victoria
 iP 04 58 38.1
 iS 04 58 43.0

JUNE 7

U. S. C. G. S.
 Fiji Islands
 H = 20 52 25
 Horseshoe Bay
 eP 21 05 02 c?
 Victoria
 eP 21 05 00 c?

JUNE 8

U. S. C. G. S.
 3S, 147 1/2E
 Bismark Sea
 H = 03 23 33
 Resolute
 e 04 14 12

DOMINION OBSERVATORIES

JUNE 8
 U. S. C. G. S.
 2 1/2S, 150E
 New Ireland
 H = 06 07 47
 Resolute
 eL 06 44. 6
 Horseshoe Bay
 eP 06 20 50

JUNE 8
 U. S. C. G. S.
 16 1/2S, 173 1/2W
 Tonga Islands
 H = 17 12 03
 Victoria
 eP 17 24 08 d

JUNE 8
 U. S. C. G. S.
 19 1/2S, 168E
 Loyalty Island
 H = 22 26 17
 Ottawa
 eP' 22 45 13
 Resolute
 eL 23 27 55
 Seven Falls
 eP' 22 45 21

JUNE 9
 Kirkland Lake
 eP 01 22 57

JUNE 9
 Resolute
 e(S) 01 48 02
 e 01 49 46

JUNE 9
 Resolute
 e 21 10 07

JUNE 10
 U. S. C. G. S.
 9S, 117E
 Sumbawa Island
 H = 00 59 54
 Halifax
 eP' 01 19 34 c
 i' 01 19 35 d
 ePKS 01 23 03
 eSKKS 01 29 30
 eSS 01 41 24

Horseshoe Bay
 eP 01 18 42
 e 01 19 38
 e 01 22 03
 eS 01 25 20
 e 01 35. 2

Kirkland Lake
 eP' 01 19 15
 e 01 19 25
 e 01 19 56
 e 01 20 17
 ePKS 01 22 43
 i' 01 22 45

Ottawa
 eP' 01 19 25 c
 ePKS 01 22 54
 ePPP 01 25 36
 eSKKP 01 31 19
 eSS 00 40 40

Resolute
 ePP 01 19 10
 e 01 24 57
 ePS 01 28 27
 eSS 01 34 30

Seven Falls
 eP' 01 19 23
 ePKS 01 22 53
 eSKKP 01 31 22
 eSS 01 40 43

Shawinigan Falls
 eP' 01 19 25
 esP' 01 20 02
 i 01 20 53
 ePP 01 22 00
 i 01 22 49
 ePKS 01 22 54
 e 01 23 09
 ePPP 01 24 57

eSKKS 01 29 13
 e 01 31 21
 Victoria
 eP 01 18 43
 i 01 19 41
 eS 01 25 18
 e 01 26 13
 e 01 35 29

JUNE 10
 U. S. C. G. S.
 13 1/2N, 143 1/2E
 Mariana Island
 H = 03 13 11
 h = 150 km
 Halifax
 eP' 03 31 46 d?
 Horseshoe Bay
 iP 03 25 20 c
 Ottawa
 eP' 03 31 37
 Resolute
 iP 03 25 36 d
 eS 03 35 42
 e 03 53 10
 Shawinigan Falls
 eP' 03 31 35
 Victoria
 iP 03 25 21 c

JUNE 11
 U. S. C. G. S.
 54N, 165W
 Unimak Island region
 H = 04 04 33
 Halifax
 eP 04 14 50
 Horseshoe Bay
 eP 04 07 11
 Kirkland Lake
 eP 04 13 41
 Ottawa
 eP 04 14 03
 Resolute
 eP 04 11 17
 ePP 04 12 34

SEISMOLOGICAL BULLETIN - 1957

eP _C P	04 13 26	Ottawa		Horseshoe Bay	
eS	04 16 40	eP'	15 08 25	iP	19 02 40 d
Seven Falls		ePP	15 09 53	Kirkland Lake	
eP	04 14 13	ePPP	15 12 05	e	19 07.4
Shawinigan Falls		eSKS	15 15 10	e	19 08 45
eP	04 14 08 d	eSKKS	15 16 30	Ottawa	
Victoria		ePS	15 19 22	iP'	19 08 10
eP	04 10 08	e	15 21 30	ePP	19 09 08
e	04 14 51	eSKKP	15 22 30	ePS	19 18 40
		eSS	15 26 12	ePPS	19 19 50
		Resolute		e	19 21 44
JUNE 11		iP'	15 08 23 c	eSS	19 24 16
U. S. C. G. S.		iPP	15 09 30	Resolute	
Near south coast of		ePPP	15 11 59	iP	19 02 01 c
Kamchatka		eSKS	15 15 15	ePP	19 05 32
H = 07 01 39		eSKKS	15 16 31	ePPP	19 07 29
Halifax		iSP	15 18 52	iS	19 12 26
eP	07 13 31	ePS	15 19 32	Shawinigan Falls	
Kirkland Lake		esSS	15 26 18	eP'	19 07 59
eP	07 12 39	Seven Falls		ePP	19 08 59
Ottawa		eP'	15 08 35	i	19 10 24
iP	07 13 02 d	ePPP	15 12 11	ePPP	19 11 30
Shawinigan Falls		eSKS	15 15 29	Victoria	
eP	07 13 02 d	eSKKS	15 17 06	iP	19 02 42 d
Victoria		ePS	15 20 03		
eP	07 10 16 c	eSS	15 26 35		
		Shawinigan Falls			
		eP'	15 08 33 d	JUNE 11	
		i	15 08 52	U. S. C. G. S.	
		ePP	15 09 57	51N, 177W	
		ePPP	15 12 08	Andreanof Islands,	
		ePKKP	15 18 38	Aleutian Islands	
		eSKKP	15 22 18	H = 23 59 09	
		Victoria		Banff	
		eP	15 02 54	eP	24 01 09
		e	15 13 22	i	24 01 23
				e	24 06 22
				Halifax	
				eP	24 04 58 c
				eS	24 13 53
				Horseshoe Bay	
				eP	24 00 39
				e	24 03 23
				e(S)	24 05 59
				e	24 09.1
				Kirkland Lake	
				eP	24 03 50 c
				Ottawa	
				eP	24 04 17 c
				eS	24 12 39
				ePS	24 13 26

DOMINION OBSERVATORIES

Resolute		JUNE 12		Resolute	
eP	24 01 24	U. S. C. G. S.		eP	10 48 04
e	24 03 03	11S, 78W		iP	10 48 05 c
eP _C P	24 03 30	Near coast of Peru		iPP	10 49 36
eS	24 07 41	H = 10 02 37		e	10 53 21
eS _C S	24 11 32	Ottawa		eS	10 53 54
e	24 13 36	eP	10 12 20	eS _C S	10 58 10
Seven Falls		Seven Falls		Saskatoon	
eP	24 04 24 c	eP	10 12 37 d	eP	10 48 13
Shawinigan Falls		Shawinigan Falls		eS	10 54 17
iP	24 04 20 c	eP	10 12 32	Seven Falls	
Victoria				eP	10 51 03 c
eP	24 00 39			eP _C P	10 51 45
		JUNE 13		ePPP	10 55 06
JUNE 12		U. S. C. G. S.		eS	10 59 27
Ottawa		57 1/2N, 175W		eS _C S	11 01 13
eP	00 09 30 c	Andreanof Islands,		eP'P'	11 20 20
Shawinigan Falls		Aleutian Islands		Shawinigan Falls	
eP	00 09 35 d	H = 10 40 38		iP	10 51 00 c
		Alberni		e	10 51 58
		eP	10 47 10	ePP	10 53 19
		Banff		eS	10 59 21
JUNE 12		eP	10 47 46 c	eS _C S	11 00 49
U. S. C. G. S.		e	10 50 12	Victoria	
41 1/2N, 142 1/2E		eS	10 53 35	iP	10 47 16 c,E
Hokkaido, Japan		Halifax		eS	10 52 29
H = 08 28 34		eP	10 51 37 c	e	10 53 21
Banff		eS	11 00 30 SE	eL	10 54.7
iP	08 39 18 c	Horseshoe Bay			
Halifax		eP	10 47 15 c?	JUNE 13	
iP	08 41 40 c	eS	10 52 31	U. S. C. G. S.	
Horseshoe Bay		eL	10 54 06	3S, 101E	
iP	08 38 58 c,S,E	Kirkland Lake		Near coast of	
Kirkland Lake		iP	10 50 28 c	Sumatra	
iP	08 41 00 c	i	10 51 44	H = 20 21 42	
Ottawa		iS	10 58 21 E	h = 150 km	
iP	08 41 20 c	Ottawa		Halifax	
Resolute		iP	10 50 56 c	eP'	20 44 01
iP	08 38 28 c	eP _C P	10 51 38	Shawinigan Falls	
eS	08 46 28	ePPP	10 55 09	iP'	20 40 44 d
eSS	08 50 14	eS	10 59 16	eSKP	20 43 59
Seven Falls		ePS	11 00 02		
eP	08 41 19 c	eS _C S	11 00 48	JUNE 13	
Shawinigan Falls		eSS	11 03 40	U. S. C. G. S.	
iP	08 41 20 c	eP'P'	11 20 17	1/2N, 123 1/2E	
Victoria				Northern Celebes	
iP	08 38 - c			H = 21 27 18	
Minute marks missing					

SEISMOLOGICAL BULLETIN - 1957

Halifax		Victoria		Banff	
eP'	21 46 28	eP	06 31 03 d	iP	18 25 04 d
e	21 46 39	eS	06 36 14	Halifax	
Kirkland Lake				eP	18 29 03 c
eP'	21 46 25			eS	18 37 43 E
Ottawa		JUNE 14		Horseshoe Bay	
eP'	21 46 32	U. S. C. G. S.		eP	18 24 33
eSKP	21 49 43	32N, 67E		i(P _c P)	18 27 33
Shawinigan Falls		Southern Afghanistan		eS	18 29 31
eP'	21 46 32 d	H = 11 36 49		eL	18 32.8
eSKP	21 49 43	Resolute		Kirkland Lake	
		eL	12 15.4	eP	18 27 52 c
				eS	18 35 31
JUNE 14				Ottawa	
U. S. C. G. S.		JUNE 15		eP	18 28 20 c
52N, 175 1/2W		U. S. C. G. S.		eP _c P	18 29 23
Andreanof Islands,		34S, 56E		ePP	18 30 28
Aleutian Islands		Indian Ocean		eS	18 36 24
H = 06 24 20		H = 00 44 15		eSSS	18 43 10
Alberni		Banff		Resolute	
eP	06 30 52	eP'	01 05 00	iP	18 25 31 c
Banff		Halifax		ePP	18 26 54
eP	06 31 30 c	eP'	01 03 34	eP _c P	18 27 51
Halifax		ePKS	01 07 00	eS	18 30 55
eP	06 35 18 c	Kirkland Lake		eS _c S	18 35 42
Horseshoe Bay		eP'	01 03 51 d	Seven Falls	
eP	06 31 02	i	01 03 52 c	eP	18 28 29
e	06 32 40	Ottawa		eS	18 36 36
iS	06 36 17	eP'	01 03 37	eS _c S	18 38 42
eL	06 40.3	ePKS	01 06 55	Shawinigan Falls	
Kirkland Lake		Resolute		eP	18 28 25
eP	06 34 11	iP'	01 03 39	Victoria	
Ottawa		ePP	01 06 14	eP	18 24 33
eP	06 34 38 c	eSKSP	01 16 38	eS	18 29 35
eP _c P	06 35 21	eSS	01 24 35	eL	18 32.6
ePPP	06 38 42	Seven Falls			
eP'P'	07 03 53 d	ePKS	01 06 43		
Resolute		ePS	01 15 40		
eP	06 31 45 c?	Victoria			
iPP	06 33 23	e	01 05 19		
iS	06 37 35				
Seven Falls		JUNE 15		JUNE 16	
eP	06 34 45	U. S. C. G. S.		U. S. C. G. S.	
eP _c P	06 35 26	52N, 171W		53N, 169W	
eS	06 43 06	Fox Islands,		Fox Islands,	
eSS	06 47 43	Aleutian Islands		Aleutian Islands	
eSSS	06 49 46	H = 18 18 20		H = 02 17 23	
				Resolute	
				eL	02 36.8

DOMINION OBSERVATORIES

JUNE 16
Ottawa
eP 08 40 49

JUNE 16
Resolute
eL 09 01.4

JUNE 16
Kirkland Lake
eP 12 16 32
Ottawa
eP 12 16 08

JUNE 17
U. S. C. G. S.
15S, 173 1/2W
Samoa Islands region
H = 06 16 44
Banff
eP 06 29 12
Resolute
eS 06 41 15
e 07 03 10
eL 07 05.5

JUNE 17
Ottawa
eP 06 46 50 c

JUNE 17
U. S. C. G. S.
52N, 174 1/2W
Andreanof Islands,
Aleutian Islands
H = 07 32 25
Ottawa
eP 07 42 40 c

JUNE 18
U. S. C. G. S.
14 1/2N, 96E
Gulf of Martaban, Burma
H = 02 12 12

Kirkland Lake
eP' 02 31 02
Ottawa
eP' 02 31 08
ePP 02 32 32
Resolute
eP 02 25 18
ePP 02 28 53
eS 02 35 49
eSS 02 42 27
eL 02 49.8

JUNE 18
U. S. C. G. S.
Near south coast of
Hokkaido, Japan
H = 05 45 19
Horseshoe Bay
eP 05 55 40 d?
Ottawa
iP 05 58 03
Resolute
iP 05 55 11 d
Victoria
eP 05 55 43

JUNE 18
U. S. C. G. S.
18N, 120 1/2E
Northern Luzon, P. I.
H = 11 18 53
h = 60 km
Resolute
iP 11 31 27 d
i 11 34 00
iS 11 41 55
eL 11 58.3

JUNE 18
Victoria
eP 12 32 06

JUNE 18
Resolute
eP 13 40 09 c
i 13 40 10 d

JUNE 18
U. S. C. G. S.
14N, 96E
Burma aftershock
H = 14 48 17
Kirkland Lake
eP' 15 07 09

Ottawa
ePP 15 08 39
Resolute
eP 15 01 25
ePP 15 04 57
eS 15 11 53
eSS 15 17 45
eL 15 25.8
Victoria
eL 15 45.2

JUNE 18
Ottawa
i(P) 17 52 05 d
Resolute
e 17 49 10

JUNE 18
U. S. C. G. S.
25S, 170E
Loyalty Island region
H = 17 56 03
Banff
e 18 14 01
Halifax
eP' 18 15 29
e 18 19 07

SEISMOLOGICAL BULLETIN - 1957

Horseshoe Bay
 e 18 09 35
 e 18 13 26
 Kirkland Lake
 eP' 18 15 05
 Ottawa
 eP' 18 15 07 d
 Resolute
 eP' 18 14 53
 eS 18 23 57
 e 18 25 26
 eSS 18 31 50
 Seven Falls
 eP' 18 15 14 d
 ePS 18 27 03
 ePPS 18 28 30
 Shawinigan Falls
 eP' 18 15 12
 Victoria
 e 18 09 36
 e 18 20 44

JUNE 18
 Resolute
 e(P) 21 30 59

JUNE 19
 U. S. C. G. S.
 24S, 175 1/2W
 Tonga Islands
 H = 01 29 48
 Banff
 eP 01 42 02
 Horseshoe Bay
 eP 01 42 41
 Ottawa
 eP' 01 48 34
 Resolute
 ePP 01 48 51
 eS 01 55 00
 ePS 01 58 32
 eSS 02 04 24
 Shawinigan Falls
 eP' 01 48 43
 Victoria
 eP 01 42 34

JUNE 19
 U. S. C. G. S.
 51N, 179E
 Rat Island,
 Aleutian Islands
 H = 05 21 37
 Halifax
 eP 05 32 52
 Ottawa
 eP 05 32 16
 Resolute
 eP 05 29 18 c
 Shawinigan Falls
 eP 05 32 17

JUNE 19
 Shawinigan Falls
 eP 06 49 24

JUNE 19
 U. S. C. G. S.
 16 1/2S, 176 1/2E
 Fiji Islands
 H = 08 01 30
 Banff
 eP 08 14 28
 Halifax
 eP' 08 20 30
 ePS 08 32 00
 eSS 08 39 07
 eSSS 08 43 37
 Horseshoe Bay
 eP 04 14 05
 Ottawa
 eP' 08 20 15
 eSKS 08 26 42
 ePS 08 30 38
 eSS 08 36 48
 Resolute
 ePP 08 20 02
 eS 08 26 15
 Seven Falls
 eP' 08 20 22
 eSKS 08 27 18
 ePS 08 31 15
 eSS 08 37 22

Shawinigan Falls
 eP' 08 20 19
 Victoria
 eP 08 13 57

JUNE 19
 Halifax
 iP 23 41 35
 Ottawa
 iP 23 40 49 c
 Shawinigan Falls
 iP 23 40 53 c

JUNE 20
 U. S. C. G. S.
 20N, 145 1/2E
 Mariana Islands
 H = 01 06 25
 Banff
 eP 01 18 41 d
 Horseshoe Bay
 iP 01 18 18 d,N,W
 iS 01 27 54
 Resolute
 iP 01 18 32 d
 eS 01 28 16
 Shawinigan Falls
 eP' 01 24 58
 Victoria
 iP 01 18 19 d,N,W
 iS 01 27 54

JUNE 21
 U. S. C. G. S.
 48N, 155E
 Kurile Island region
 H = 18 38 03
 Kirkland Lake
 eP 18 49 35
 Ottawa
 eP 18 49 57
 Resolute
 iP 18 46 52 c
 eS 18 53 50
 eS_cS 18 56 27

DOMINION OBERVATORIES

Schefferville		Saskatoon		Resolute	
eP	-- -- -- d	iP	06 26 22	eP	19 33 05 c?
Shawinigan Falls		iS	06 32 10	eS	19 41 44
eP	18 49 58	Seven Falls		Shawinigan Falls	
		eP	06 26 13 c	eP	19 29 45
		i	06 26 27		
JUNE 22		esP	06 26 56		
U. S. C. G. S.		ePP	06 27 40	JUNE 22	
16N, 94W		e	06 28 02	U. S. C. G. S.	
Near coast of Chiapas,		eP _c P	06 28 39	1 1/2S, 137E	
Mexico		eS	06 31 27	Near north coast	
H = 06 19 06		e	06 32 43	of New Guinea	
Halifax		e	06 33 20	H = 23 50 23	
eP	06 26 32 c,N,E	eSS	06 34 00	Halifax	
i	06 26 50	eL	06 35.0	eP'	24 09 48
i	06 27 24	Shawinigan Falls		i	24 09 52 c
iPP	06 28 04 NE	eP	06 26 07	e(PP)	24 12 14
i	06 28 44	ePP	06 27 30	iPKS	24 13 18
i	06 29 03	e	06 28 01	i	24 13 26
eS	06 32 30	eP _c P	06 28 40	eSS	24 30 06
e	06 33 04	e	06 29 57	Horseshoe Bay	
iL	06 35 28 SW	eS	06 31 30	eP	24 04 04
Horseshoe Bay		eSS	06 33 45	ePP	24 08 04
iP	06 26 52 d,S,E	eL	06 34.6	eS	24 14 45
iS	06 33 01	Victoria		eL	24 30 45
eL	06 42.6	iP	06 26 48 d,S,E	Kirkland Lake	
Kirkland Lake		eS	06 32 52	eP'	24 09 27
eP	06 25 52 c			e	24 11 13
i	06 26 12			Ottawa	
i	06 26 32 c			eP'	24 09 32
eS	06 31 11			i	24 09 48
Ottawa				esP	24 10 13
eP	06 25 43 c			e	24 11 05
epP	06 26 06			ePP	24 11 35
esP	06 26 20			ePKS	24 13 00
ePP	06 26 55			ePPP	24 14 27
ePPP	06 27 10			eSKKS	24 18 30
eP _c P	06 28 27			eSKKP	24 21 55
eS	06 31 00			ePPS	24 23 40
eP _c S	06 32 06			Resolute	
eSS	06 33 14			eP	24 04 15 d?
eS _c S	06 36 06			e	24 07 37
Resolute				ePP	24 08 30
iP	06 29 06 c			ePPP	24 10 49
ePPP	06 32 38			eS	24 15 04
iS	06 37 04			Saskatoon	
eS _c S	06 38 47			e	24 04 54
				e	24 09 14
				e	24 15 24

*General Mine
Oleat*

JUNE 22

Ottawa
iP_n 13 42 05
i 13 42 22
iS_n 13 42 30
D = 150 km

JUNE 22

U. S. C. G. S.
16N, 45 1/2W
Mid-Atlantic ocean
H = 19 22 22
Halifax
eP 19 29 07
Kirkland Lake
eP 19 30 24
Ottawa
eP 19 29 54

SEISMOLOGICAL BULLETIN - 1957

Seven Falls

eP' 24 09 34
 i 24 09 51
 ePP 24 11 47
 ePKS 24 12 59
 eSKKP 24 21 56
 ePPS 24 23 29
 e 24 26 06
 eSS 24 28 48
 eSSS 24 34 06
 eL 24 43.3

Shawinigan Falls

eP' 24 09 33

Victoria

ePP 24 03 56

JUNE 23

Resolute

eP 03 05 09
 e 03 11 58
 e 03 12 13

JUNE 23

U. S. C. G. S.

58 1/2N, 137W

Near coast of south-eastern Alaska

H = 03 27 02

Halifax

eP 03 35 31
 eG 03 45 38
 eL 03 50 30
 e(L_g) 03 51 00
 i: L_g 03 51 26

Horseshoe Bay

eP 03 30 01
 eS 03 32 58
 eL 03 33 25

Kirkland Lake

eP 03 33 57 c?
 eL_g 03 45 05

Ottawa

eP 03 34 27
 e 03 34 30
 i 03 34 36
 ePP 03 35 59
 ePPP 03 36 35
 eS 03 40 36
 eSS 03 43 12
 eS_cS 03 44 32
 e 03 47 22
 eL 03 50.0

Resolute

iP 03 32 09 c
 iS 03 36 30

Saskatoon

eP 03 31 19
 eS 03 34 56

Seven Falls

eP 03 34 42
 i 03 35 15
 eS 03 40 43
 eSSS 03 44 10
 e 03 48 01
 eL 03 50.3

Shawinigan Falls

eP 03 34 37
 e 03 36 16

Victoria

eP 03 30 04
 eS 03 33 02
 eL 03 33 48

JUNE 23

U. S. C. G. S.

East central Tennessee

H = 06 34 18

Kirkland Lake

e 06 39 27
 eL_g 06 40 46

Ottawa

eP 06 36 57
 eS 06 39 03
 eSS 06 39 18
 e 06 40 06

Seven Falls

e 06 41 57
 eL 06 43 12

Shawinigan Falls

e 06 39 55
 eL 06 41 15

JUNE 23

Resolute

e(S) 17 09 32

JUNE 24

U. S. C. G. S.

16N, 94W

Mexico aftershock

H = 09 49 47

Banff

eP 09 57 17

Halifax

eP 09 57 31

Horseshoe Bay

e 09 57 50

Kirkland Lake

eP 09 56 31 c

e 09 57 12

Ottawa

eP 09 56 22

Resolute

eP 09 59 55

eS 10 07 41

Seven Falls

eP 09 56 53

Shawinigan Falls

eP 09 56 43

Victoria

eP 09 57 45

JUNE 24

U. S. C. G. S.

About 150 miles southeast of Java

H = 11 21 11

Halifax

eP' 11 40 56

Resolute

e 11 47 35

DOMINION OBSERVATORIES

near present or up the [unclear]

*Start. [unclear]
Money recorded at [unclear] always
in [unclear] name.*

*Mount → P, 21 21 41
S, 22 01
22 09
Δ = 164 km*

JUNE 24

Ottawa

iP

iS

eL

D = 70 km

JUNE 25

U. S. C. G. S.

10N, 94E

Andaman Island region

H = 10 11 17

Resolute

e(PS) 10 37 07

eL 11 01.6

JUNE 26

U. S. C. G. S.

7 1/2S, 85 1/2E

Indian Ocean

H = 02 47 36

Resolute

e(SS) 03 20 42

e 03 41 17

JUNE 27

U. S. C. G. S.

56 1/2N, 116E

Northeast of Lake

Baikal, U. S. S. R.

H = 00 09 28

Banff

iP 00 20 05 d

Halifax

eP 00 21 38 d,N

i! 00 21 39 c

i 00 21 44

e 00 31 08

iS 00 31 42

Horseshoe Bay

iP 00 20 02 d,N,W

ePP 00 22 30

ePPP 00 24 03

eS 00 28 44

iS 00 28 57

Kirkland Lake

eP

00 22 12 d,N,W

eS

00 30 51 N,E

Ottawa

iP

00 21 30 d

ePP

00 24 26

ePPP

00 26 16

eS

00 31 28

eS_cS

00 31 44

ePS

00 32 16

eSS

00 36 24

eSSS

00 39 44

Resolute

iP

00 18 05

ePP

00 20 04

iS

00 25 12

Saskatoon

iP

00 20 19

e

00 24 54

eS

00 29 09

eL

00 44.5

Seven Falls

eP

00 21 23 d

eS

00 31 13

ePS

00 32 17

e

00 35 35

e

00 39 20

eSSS

00 39 46

eG

00 41.3

Shawinigan Falls

iP

00 21 25 d

ePP

00 24 23

ePPP

00 26 13

eS

00 30 58

eSS

00 36 09

Victoria

eP

00 20 06 d,N,W

iP_cP

00 21 08 d

ePP

00 22 30

ePPP

00 23 54

eS

00 28 36

iS

00 28 46

eS_cS

00 29 57

eSS

00 32 54

JUNE 27

Kirkland Lake

eP

00 48.5

Ottawa

eP

00 48 34 d

JUNE 27

Ottawa

eP

04 22 05 d

Seven Falls

eP

04 22 05

Shawinigan Falls

eP

04 22 03 d

JUNE 27

Banff

eP

07 15 24

JUNE 27

Resolute

e

07 30 37

JUNE 27

U. S. C. G. S.

22S, 171E

Loyalty Islands region

H = 12 49 51

Ottawa

eP'

13 08 51

JUNE 27

Kirkland Lake

eP

14 18 44

JUNE 28

U. S. C. G. S.

Fox Islands,

Aleutian Islands

H = 04 58 03

Resolute

e(S_cS)

05 15 34

eL

05 24.1

SEISMOLOGICAL BULLETIN - 1957

JUNE 29
 Halifax
 iP 00 22 58
 Kirkland Lake
 eP 00 23 17

Victoria
 iP 07 54 07 d,W
 i 07 57 23
 eL 18 00.1

Ottawa
 eP 22 45 54
 Resolute
 eP 22 42 29
 eP_cP 22 44 00
 eS 22 49 26

JUNE 29
 U. S. C. G. S.
 32 1/2S, 72 1/2W
 Near coast of central Chile
 H = 03 58 06

JUNE 29
 U. S. C. G. S.
 51 1/2N, 178W
 Andreanof Islands,
 Aleutian Islands
 H = 10 49 42

Seven Falls
 eP 22 45 47 c
 Shawinigan Falls
 eP 22 45 49

Halifax
 eP 04 10 00 c?
 Kirkland Lake
 eP 04 10 17 c
 Ottawa
 eP 04 10 02 c
 Seven Falls
 eP 04 10 12 d

Halifax
 eP 11 00 49
 Horseshoe Bay
 iP 10 56 35 c?
 Resolute
 eP 10 57 28
 eP_cP 10 59 21
 eS 11 03 06
 Victoria
 eP 10 56 36

JUNE 30
 Alberni
 iP 11 52 02.1
 iS 11 52 16.4

JUNE 29
 U. S. C. G. S.
 51 1/2N, 166W
 Fox Islands region,
 Aleutian Islands
 H = 07 48 18
 Banff
 iP 07 54 38 d
 Halifax
 eP 07 58 47 d?
 Horseshoe Bay
 eP 07 54 06 d,N
 e 07 58 50

JUNE 29
 Kirkland Lake
 e(S_{nd}) 11 27 32.54
 Ottawa 11 26 17.0
 eP₁ 11 26 32.8
 eS_n 11 27 15.6
 eS₁ 11 27 40.8
 D = 465 km 36.5
 Felt at London, Ontario
 Shawinigan Falls
 eL 11 28 50

*Earthquake
 42°55'±18'N, 81°19'±18'W
 9 miles SSE of London Ont.*

Kirkland Lake
 eP 07 57 32 d
 Ottawa
 iP 07 58 02 d
 eP_cP 07 58 59
 Resolute
 iP 07 55 22 d
 iP_cP 07 57 46
 eS 08 01 05
 Seven Falls
 eP 07 58 10 d

JUNE 29
 U. S. C. G. S.
 56N, 116 1/2E
 Lake Baikal aftershock
 H = 22 33 52
 Banff
 eP 22 44 31
 Halifax
 iP 22 46 02
 Kirkland Lake
 eP 22 45 36