

OTTAWA, CANADA  
SEISMOLOGICAL STATION, DOMINION OBSERVATORY



International  
Seismological  
Centre

FROM March 1, 1937 to March 9, 1937

No. 7

NO. AND DATE	PHASE	TIME	AMP.	DISTANCE	REMARKS	
		h m s	$\mu$	km.		
43 Mar. 2	e e e L F	Ottawa			JSA. gives:- $\phi = 40^{\circ}4' N.$ $\lambda = 84^{\circ}2' W.$	
		14 50 54				
		14 51 01				
		14 51 12				
		14 51 33				
			14 58			
			Shawinigan			
	H	14 47.8		1040		
	P	14 50 05				
	S	14 51 54				
	i	14 52 08				
	L	14 52 44				
	F	15 08				
			Seven Falls			
H	14 47.7		1165			
P	14 50 16					
S	14 52 25					
L	14 53.3					
F	15 05					
47 Mar. 9	H P S L F	Ottawa		820	JSA. gives:- $\phi = 40^{\circ}4' N.$ $\lambda = 84^{\circ}2' W.$ USCGS. gives $\phi = 40^{\circ}23' N.$ $\lambda = 84^{\circ}06' W.$	
		5 44.7				
		5 46.5				
		5 47 56				
		5 48 10				
			5 57			
			Toronto			
	i	5 46 45				
	L	5 47 00				
	F	5 53				
			Saskatoon			
	e	5 51 10				
	L	5 53.4				
	F	6 00				
			Shawinigan			
	H	5 44.7		1070		
	P	5 47 02				
	S	5 48 54				
M	5 49 46					
F	6 07					
		Seven Falls				
H	5 44.7		1165			
P	5 47 17					
S	5 49 26					
L	5 50 23					
F	6 04					

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FROM March 9, 1937 to March 9, 1937

No. 8

NO. AND DATE	PHASE	TIME	AMP.	DISTANCE	REMARKS	
		h m s.	$\mu$	km.		
48 Mar. 9		Ottawa				
	H	15 40.5		4000	USCGS. gives:- $\phi = 8^{\circ}9$ N. $\lambda = 83^{\circ}8$ W.	
	P	15 47 33				
	PP	15 49 06				
	S	15 53 20				
	SS	15 55 15				
	iN	15 56 50				
	eL	15 58				
	F	18 09				
		Halifax				
	e	15 48.0				
	eN	15 57				
	eL	16 00				
	F	16 20				
		Victoria				
	H	15 40.5		5680		
	P	15 49 31				
	S	15 56 54				
	iN	15 59 24				
	SSS	16 02				
	L	16 04				
	F	17 20				
		Toronto				
	H	15 40.5		3700		
	P	15 47 13				
	PPP	15 48 26				
	e	15 52 24				
iS	15 52 42					
SS	15 54.6					
L	15 55.5					
F	17 18					
	Saskatoon					
e	15 48.0					
e	15 54.8					
e	15 58.6					
L	16 07					
F	16 37					
	Shawinigan					
H	15 40.5		4180			
P	15 47 48					
e	15 49 16					
S	15 53 47					
L	16 01					
F	16 21					
	Seven Falls					
H	15 40.6		4260			
P	15 47 56					
PPP	15 49 32					
S	15 54 00					
SSS	15 57 11					
L	16 00					
F	17 31					

OTTAWA, CANADA  
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FROM March 9, 1937 to March 17, 1937

No. 9

NO. AND DATE	PHASE	TIME	AMP.	DISTANCE	REMARKS	
		h m s	$\mu$	km.		
51 Mar. 14		Ottawa				
	H	11 56.0		7620	USCGS. gives:- $\phi = 25^\circ$ S. $\lambda = 70^\circ$ W.	
	P	12 07 00				
	S	12 16 07				
	PS <sub>E</sub>	12 16 34				
	e <sub>E</sub>	12 24.0				
	eL	12 29				
	F	14 03				
		Victoria				
	H	11 55.9		9470		
	P	12 08 27				
	PP	12 11 52				
	S	12 19 00				
	L	12 32				
	F	13 31				
		Toronto				
	H	11 56.0		7440		
	P	12 06 46				
	S	12 15 45				
	SSS	12 23.0				
	L	12 29				
F	13 38					
	Shawinigan					
H	11 56.0		7780			
P	12 07 05					
S	12 16 19					
F	12 22					
	Seven Falls					
H	11 56.0					
P	12 07 07					
S	12 16 21					
F	12 22					
	Ottawa					
54 Mar. 17	e <sub>N</sub>	14 07.1				
	e	14 08.6				
	e <sub>E</sub>	14 12 52				
	e <sub>E</sub>	14 16.0				
	M	14 24				
	F	15 13				
		Victoria				
	e	14 09				
	e	14 16.4				
	eL	14 25				
	F	15 21				
		Seven Falls				
	e	14 09				
	i	14 13 39				
	eL	14 20				
F	14 56					

OTTAWA, CANADA  
SEISMOLOGICAL STATION, DOMINION OBSERVATORY



FROM March 17, 1937 to March 24, 1937

No. 10

NO. AND DATE	PHASE	TIME	AMP. μ	DISTANCE km.	REMARKS
		h m s			
55 Mar. 19		Ottawa		8250	
	H	18 12.0			
	FN	18 23.5			
	S	18 33 08			
	SSN	18 38.0			
	e	18 42			
	eL	18 46			
	F	19 23			
		Toronto		7920	
	H	18 12.1			
	P	18 23 23			
	S	18 32 44			
	L	18 48			
	F	19 15			
	Seven Falls				
S?	18 33.3				
L	18 48				
F	19 18				
58 Mar. 21		Ottawa			
	eE	19 52 44			
	eL	20 13			
	F	20 34			
		Seven Falls			
	e	19 52 34			
eL	20 16				
F	20 40				
60 Mar. 23		Ottawa			
	e	1 07.4			
	e	1 12			
	eL	1 19			
	F	2 05			
		Victoria			
	e	1 07.7			
	eL	1 21			
	F	2 34			
		Toronto			
	i	1 06 52			
	eL	1 18.5			
	F	2 06			
		Seven Falls			
e	1 08				
e	1 14				
eL	1 20				
F	2 10				
62 Mar. 24		Victoria			
	iE	1 22 39			
	e	1 26			
	L	1 29			
	F	2 22			

OTTAWA, CANADA  
SEISMOLOGICAL STATION, DOMINION OBSERVATORY



FROM March 24, 1937 to March 26, 1937 No. 11

NO. AND DATE	PHASE	TIME	AMP.	DISTANCE	REMARKS
		h m s	$\mu$	km.	
64 Mar. 25		Ottawa			USCGS. gives:- $\phi = 33^{\circ}4$ N. $\lambda = 116^{\circ}7$ W.
	e	17 01.2			
	e	17 04			
	eL	17 06			
	F	18 05			
		Toronto			
	e <sup>N</sup>	17 01.7			
	e	17 03 48			
	eL	17 05			
	F	18 06			
		Saskatoon			
	e	16 57 20			
	eL	16 59			
	F	17 20			
		Victoria			
H	16 49.0		1865		
P	16 52 55				
S	16 56 09				
eL	16 57				
F	18 02				
	Seven Falls				
e	17 02.5				
e	17 05.3				
L	17 08.5				
F	18 05				
	Ottawa				
e	21 22.1				
eL	21 24.5				
F	22 13				
	Victoria				
e	21 11.2				
eL	21 13				
F	21 34				
	Toronto				
e	21 21.7				
eL	21 26.4				
F	22 03				
	Saskatoon				
e	21 13				
eL	21 17				
F	21 32				
	Seven Falls				
e	21 23				
L	21 31				
F	22 03				

OTTAWA, CANADA  
SEISMOLOGICAL STATION, DOMINION OBSERVATORY



FROM March 26, 1937 to March 31, 1937

No. 12

NO. AND DATE	PHASE	TIME	AMP.	DISTANCE	REMARKS	
		h m s	$\mu$	km.		
69 Mar. 29	eN e eL F	Ottawa				
		6 27 30				
		6 31.8				
		eL F	6 37			
			7 07			
			Toronto			
	eN eN eLN F		6 27 08			
			6 31.5			
			6 38			
			7 04			
	e e e eL F		Seven Falls			
			6 27.1			
6 31.6						
6 34.6						
6 37.5						
70 Mar. 29	eN? e eL F	Ottawa				
		8 00				
		8 08.0				
		8 16				
	e eN eL F		8 48			
			Victoria			
			8 02.3			
			8 11 36			
	eL F		8 27			
			8 53			
			Toronto			
			8 07.8			
eN eL F		8 19				
		8 39				
		Seven Falls				
		8 08 22				
i i eL F		8 09 08				
		8 15.6				
		8 36				
71 Mar. 29	eN eL F	Ottawa				
		12 21				
		12 27				
73 Mar. 30	e L F	12 43				
		Victoria				
		15 10.2				
74 Mar. 31	e L F	15 27				
		15 44				
		Ottawa				
e F		17 10 01			Felt at Kemptville, Ont.	
		17 10 12				

*W. W. Doxsee.*



CORRELATION OF EARTHQUAKES

March, 1937.

NOTES

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A :	Shawinigan Falls	$\Delta = 1,040$ km.	H = 14 <sup>h</sup> 47 <sup>m</sup> .8	G. M. T.
	Seven Falls	$\Delta = 1,165$ km.	H = 14 47.7	G. M. T.
B :	Ottawa	$\Delta = 820$ km.	H = 5 <sup>h</sup> 44 <sup>m</sup> .7	G. M. T.
	Shawinigan Falls	$\Delta = 1,070$ km.	H = 5 44.7	G. M. T.
	Seven Falls	$\Delta = 1,165$ km.	H = 5 44.7	G. M. T.
C :	Ottawa	$\Delta = 4,000$ km.	H = 15 <sup>h</sup> 40 <sup>m</sup> .5	G. M. T.
	Victoria	$\Delta = 5,680$ km.	H = 15 40.5	G. M. T.
	Toronto	$\Delta = 3,700$ km.	H = 15 40.5	G. M. T.
	Shawinigan Falls	$\Delta = 4,180$ km.	H = 15 40.5	G. M. T.
	Seven Falls	$\Delta = 4,260$ km.	H = 15 40.6	G. M. T.
E :	Ottawa	$\Delta = 7,620$ km.	H = 11 <sup>h</sup> 56 <sup>m</sup> .0	G. M. T.
	Victoria	$\Delta = 9,470$ km.	H = 11 55.9	G. M. T.
	Toronto	$\Delta = 7,440$ km.	H = 11 56.0	G. M. T.
	Shawinigan Falls	$\Delta = 7,780$ km.	H = 11 56.0	G. M. T.
	Seven Falls	$\Delta = 7,780$ km.	H = 11 56.0	G. M. T.
F :	Ottawa	$\Delta = 8,250$ km.	H = 18 <sup>h</sup> 12 <sup>m</sup> .0	G. M. T.
	Toronto	$\Delta = 7,920$ km.	H = 18 12.1	G. M. T.
G :	Victoria	$\Delta = 1,865$ km.	H = 16 <sup>h</sup> 49 <sup>m</sup> .0	G. M. T.
H :	Local - tremors felt at Kemptville, Ontario.			

Dominion Observatory,  
Ottawa, Canada,  
May 3, 1937.