



Kirkland Lake

10 July 29 e 2:49:11 Ottawa No. 289
 i 2:49:12

Dane

e 2:49:11
 i 2:49:12

Kirkland Lake

11 July 29 1P 13:57:25 Ottawa No. 292
 e 14:01:38 Reported in Ottawa Bulletin
 Saint Louis $\phi = 28^{\circ}2$ N.
 $\lambda = 93^{\circ}2$ E.
 H = 13:43:24

Dane

1P 13:57:24
 i 14:01:39
 i 14:07:58
 e 14:09.5

Kirkland Lake

12 July 31 e 14:21:40 Ottawa No. 299
 Saint Louis $\phi = 2^{\circ}$ N.
 $\lambda = 84^{\circ}$ W.
 H = 14:13:11

Dane

e 14:21:38

Dane

13 July 31 e 16:29:54.5 No trace at Kirkland Lake
 i 16:29:58 Probably purely local disturbance.

Kirkland Lake

14 Aug. 1 i 1:01:06 Ottawa No. 302
 e 1:01:49

Dane

15 Aug. 1 e 14:41:36 Ottawa No. 305
 i 14:42:34

Kirkland Lake

6
July 24

e	22:25:22	Ottawa No. 277
e	22:26:31	Saint Louis $\varphi = 34^{\circ}0' N.$
		$\lambda = 116^{\circ}5' W.$
		H = 22:10:46

Kirkland Lake

7
July 25

e	6:36.0	Ottawa No. 281
		Saint Louis - Aftershock of
		No. 6

Dane

e	6:35:59
e	6:36:26

Kirkland Lake

8
July 25

iP	19:19:32.2	On high speed record
e	19:21:31.9	Ottawa No. 282
		Saint Louis $\varphi = 23^{\circ}5' S.$
		$\lambda = 65^{\circ}4' W.$
		H = 19:08:47
		d = 400 km.

Dane

iP	19:19:30.1
e	19:20:01.7
i	19:28:15.5

Kirkland Lake

9
July 28

iP	3:56:22	Ottawa No. 288
e	4:05:52	Saint Louis $\varphi = 62^{\circ}9' N.$
L	4:09	$\lambda = 145^{\circ}9' W.$
		H = 3:49:02

Dane

iP	3:56:23
e (EW)	3:58:05
e (NS)	4:02:59
e (EW)	4:06:06
L	4:09

	Kirkland Lake		
10	e	2:49:11	Ottawa No. 289
July 29	i	2:49:12	
	Dane		
	e	2:49:11	
	i	2:49:12	
	Kirkland Lake		
11	1P	13:57:25	Ottawa No. 292
July 29	e	14:01:38	Reported in Ottawa Bulletin
	Dane		Saint Louis $\varphi = 28^{\circ}2' N.$
			$\lambda = 93^{\circ}2' E.$
			H = 13:43:24
	1P	13:57:24	
	i	14:01:39	
	i	14:07:58	
	e	14:09.5	
	Kirkland Lake		
12	e	14:21:40	Ottawa No. 299
July 31			Saint Louis $\varphi = 2^{\circ} N.$
	Dane		$\lambda = 84^{\circ} W.$
			H = 14:13:11
	e	14:21:38	
	Dane		
13	e	16:29:54.5	No trace at Kirkland Lake
July 31	i	16:29:58	Probably purely local disturbance.
	Kirkland Lake		
14	i	1:01:06	Ottawa No. 302
Aug. 1	e	1:01:49	
	Dane		
15	e	14:41:36	Ottawa No. 305
Aug. 1	i	14:42:34	

16
Aug. 5
Kirkland Lake
1 7:56:32 Ottawa No. 310

Dane

1 7:56:33
L 8:10

17
Aug. 5
Kirkland Lake
e 14:38.0 Ottawa No. 311
e 14:42.0 Reported in Ottawa Bulletin
F 16:21 Saint Louis $\phi = 24^{\circ}2' N.$

Dane

e 14:38.0
e 14:41.5

$\lambda = 61^{\circ}2' E.$
H = 14:24:14

18
Aug. 6
Kirkland Lake
iP 5:55:55 Ottawa No. 314
ipP 5:56:42 Saint Louis $\phi = 8^{\circ}6' S.$
e 5:57:51 $\lambda = 70^{\circ}3' W.$
i 5:59:44 H = 5:47:03
i 6:03:06 d = 600 km.

Dane

iP 5:55:56
e 5:56:41
i 6:03:05
i 6:04:41

Vertical seismograph in operation
These readings from horizontal.

19
Aug. 7
Kirkland Lake
eP 0:46:17 Ottawa No. 322
i 0:46:20 Saint Louis $\phi = 19^{\circ}8' N.$
i 0:46:31 $\lambda = 75^{\circ}7' W.$
e 0:51:14 H = 00:40:22

Dane

eP 0:46:19
eS 0:51:14

Epicenter provisional.
Kirkland Lake record spoiled by
slipping clutch after 0:53.
Only NS component operative at
Dane.



20
Aug. 7

Kirkland Lake

e 22:22:56
e 22:23:06
e 22:31:44

Ottawa No. 329

Dane

e 22:23:05

21
Aug. 8

Kirkland Lake

1P₂ 5:39:37.6
1S_n 5:40:01.7
H 5:38:59.8
Δ 231 km.

Ottawa No. 330
Epicenter after Alvey (see
Appendix C) φ = 46°21'5" N.
λ = 81°31' W.
H = 5:39:00.4

Dane

1P₂ 5:39:36.9
eS_n 5:40:00.4
H 5:39:00.9
Δ 222 km.

22
Aug. 9

Kirkland Lake

e 2:59.0

Dane

e 2:59.0

Ottawa No. 337
Saint Louis φ = 1°5' N.
λ = 29°7' W.
H = 02:48:28

23
Aug. 9

Kirkland Lake

e 4:01.3

Dane

e 4:01.3

Ottawa No. 338

24
Aug. 10

Kirkland Lake

eP_n 2:48:26.2
eS_n 2:49:42.2
Δ 798 km.
H 2:46:41

Ottawa No. 340
Saint Louis φ = 42°0' N.
λ = 84°7' W.
H = 02:46:40



24
Aug. 10

Dane

eP_n 2:48:25
eS_n 2:49:41
Δ 798 km.
H 2:46:40

This quake is being studied in detail by J.T. Wilson of Ann Arbor. See also Appendix C for epicenter by Alvey
φ = 41°9 N.
λ = 84°9 W.
H = 2:46:40

25
Aug. 15

Kirkland Lake

e 4:23:05 Ottawa No. 348

Dane

e 4:23:05

Kirkland Lake

26
Aug. 16

e 18:46:01
e 18:52:25.0

On high-speed record.
Ottawa No. 353

Dane

e 18:52:24.5

Dane

27
Aug. 17

e 4:17.2 Ottawa No. 357

Kirkland Lake

28
Aug. 18

e 6:18.6 Ottawa No. 361

Kirkland Lake

29
Aug. 19

iP₁ 20:56:44.9
eS₁ 20:56:51.9

See Appendix C

Dane

iP₁ 20:56:43.2
eS₁ 20:56:50.3

		Dane	
30	1	12:50:41	Probably some local disturbance. Not sufficient phasing to interpret as a local earthquake.
Aug. 22	1	12:50:49	
		Kirkland Lake	
31	e	9:27:41	Ottawa No. 374
Aug. 24			This quake and the following ones may be local. The records, particularly that on the Ottawa Benioff suggest this. St.
		Dane	
	e	9:27:42	Louis reports a quake recorded fairly generally during the 09 hour which "appears to be a weak quake with an origin someplace in the West Indies".
		Kirkland Lake	
32	e	9:33:08	Ottawa No. 375
Aug. 24	e	9:34:08	See note above.
		Dane	
	e	9:33:07	
	e	9:34:08	
	•	9:34:31	
		Kirkland Lake	
33	e	10:15:37	No corresponding Ottawa number
Aug. 24			
		Dane	
	e	10:15:38	
		Kirkland Lake	
34	e	11:50:03	Ottawa No. 383
Aug. 24			
		Dane	
	e	11:50:05	



Kirkland Lake

35
Aug. 25

e 5:52:57
e 5:53:15

Ottawa No. 387

Dane

e 5:52:50
e 5:53:00
e 5:54:23

Kirkland Lake

36
Aug. 27

i 13:56:42
e 13:58:47
e 14:01:45
F 15:12

Ottawa No. 390

Saint Louis $\varphi = 37^{\circ}8' S.$
 $\lambda = 179^{\circ}1' E.$
 $H = 13:37:48$

Dane

i 13:56:41

Kirkland Lake

37
Aug. 28

i 7:01:41
e 7:04:25

Ottawa No. 398

Saint Louis $\varphi = 51^{\circ}3' N.$
 $\lambda = 156^{\circ}6' E.$
 $H = 06:50:36$
 $d = 60 \text{ km.}$

Kirkland Lake

38
Aug. 28

i 14:40:26
e 14:43:12

Ottawa No. 402

Saint Louis $\varphi = 54^{\circ}0' N.$
 $\lambda = 160^{\circ}1' E.$
 $H = 14:29:43$
 $d = 50 \text{ km.}$

Kirkland Lake

39
Aug. 28

i 20:00:00

Ottawa No. 407

Exact time questionable.
Saint Louis $\varphi = 29^{\circ}9' S.$
 $\lambda = 70^{\circ}8' W.$
 $H = 19:48:13$
 $d = 100 \text{ km.}$



40
Aug. 29

Dane

e 16:36.2 Ottawa No. 414

41
Aug. 29

Dane

e 16:51.5 Ottawa No. 415

42
Aug. 30

Dane

1 22:33:04 Ottawa No. 423
1 22:42:30

43
Sept. 1

Dane

P₂ 13:32:55.2 Ottawa No. 431
S₂ 13:33:22.4 See Appendix C
Δ 225 km.
H 13:32:18.7

Kirkland Lake

44
Sept. 2

e 14:51:02 Ottawa No. 433
Saint Louis φ = 20°3 S.
λ = 175°4 W.
H = 14:32:40
d = 250 km.

Dane

Kirkland Lake

45
Sept. 3

i 15:38:22 Ottawa No. 435
e 15:40:59

Dane

i 15:38:21
e 15:40:59

Kirkland Lake

46
Sept. 5

i 5:48:42 Ottawa No. 444

Dane

i 5:48:42

	Kirkland Lake		
47 Sept. 5	1 20:16:34	Ottawa No. 446	
	Kirkland Lake		
48 Sept. 11	e 11:51.1	Ottawa No. 460 Tacubaya H = 11:44:36	
	Kirkland Lake		
49 Sept. 14	e 19:33:49	See Appendix C Epicenter (Alvey) $\varphi = 50.3$ N. $\lambda = 75.2$ W. H = 19:29:40	
	Temiskaming		
	P ₂ 19:30:57.5		
	S ₂ 19:31:53.4		
	Δ 490 km.		
	H 19:29:39.7		
	Kirkland Lake		
50 Sept. 15	e 15:04.3	Ottawa No. 467	
	Kirkland Lake		
51 Sept. 19	1 10:34:52 1 10:35:09	Ottawa No. 473	
	Kirkland Lake		
52 Sept. 23	e 7:50.6	Ottawa No. 479 Saint Louis $\varphi = 53^{\circ}$ N. $\lambda = 162^{\circ}7$ W. H = 07:41:47	
	Kirkland Lake		
53 Sept. 23	1 12:41:21	Ottawa No. 480 Saint Louis $\varphi = 34^{\circ}1$ N. $\lambda = 57^{\circ}6$ E. H = 12:28:22	
	Temiskaming		
	1 12:41:19		



54
Sept. 23

Kirkland Lake

i 12:47:05 Ottawa No. 481

Temiskaming

e 12:47:05
L 13:23
F 13:41

55
Sept. 23

Kirkland Lake

i 13:59:46 Ottawa No. 482
Saint Louis $\varphi = 40^{\circ}2' N.$
 $\lambda = 125^{\circ}8' W.$
H = 13:52:58

Temiskaming

i 13:59:48
L 14:14

56
Sept. 25

Kirkland Lake

e 23:49.9 Ottawa No. 485

57
Sept. 26

Kirkland Lake

e 03:17:38 Ottawa No. 486

58
Sept. 26

Kirkland Lake

i 16:15:53 Ottawa No. 487
Reported in Ottawa Bulletin
Saint Louis $\varphi = 21^{\circ}7' N.$
 $\lambda = 122^{\circ}4' E.$
H = 16:01:52
d = 150 km.

Temiskaming

e 16:16:02
e 16:20:22
e 16:26:26
e 16:27:17



	Kirkland Lake		
59 Sept. 27	i 22:20:18	Ottawa No. 488	
	Temiskaming		
	i 22:20:04		
	Kirkland Lake		
60 Sept. 28	e 11:56:33		
	Temiskaming		
	e 11:56:07		
	e 11:56:21		
	i 11:56:29		
	Kirkland Lake		
61 Sept. 28	e 17:33.5	Ottawa No. 489	
	Temiskaming		
	i 17:34:32		
	Kirkland Lake		
62 Oct. 3	e 6:27.4	Ottawa No. 505	
	e 6:35:00	Saint Louis	$\varphi = 26^{\circ}$ N. $\lambda = 55^{\circ}$ E. H = 06:14:00
	Kirkland Lake		
63 Oct. 3	e 8:17:55	Ottawa No. 506	
	Temiskaming	Saint Louis	$\varphi = 16^{\circ}9$ N. $\lambda = 99^{\circ}4$ W. H = 8:11:08 d = 50 km.
	i 8:17:47		
	Temiskaming		
64 Oct. 3	e 22:57:26	Ottawa No. 508	
		See Appendix C	



Kirkland Lake

65
Oct. 3

iP 23:38:53
i 23:39:11
e 23:40.0
i 23:41:32
e 23:44.3
F 24:02

Ottawa No. 509
Saint Louis $\varphi = 18^{\circ}6' N.$
 $\lambda = 101^{\circ}5' W.$
H = 23:32:15
d = 100 km.

Temiskaming

iP 23:38:46
i 23:39:47

Kirkland Lake

66
Oct. 6

e 18:53.4

Ottawa No. 516

Temiskaming

e 18:53:17

Kirkland Lake

67
Oct. 6

i 20:06:52
F 20:22

Ottawa No. 517
Reported in Ottawa Bulletin
Saint Louis $\varphi = 36^{\circ}9' N.$
 $\lambda = 21^{\circ}7' E.$
H = 19:55:40

Temiskaming

i 20:06:55
i 20:07:00
i 20:11:30

Temiskaming

68
Oct. 7

e 2:01:06
i 2:01:09
e 2:03:19
F 2:33

Ottawa No. 519
Saint Louis $\varphi = 64^{\circ}0' N.$
 $\lambda = 148^{\circ}6' W.$
H = 02:57:30

Temiskaming

69
Oct. 7

e 3:18:36
e 3:19:46

Ottawa No. 520

	Temiskaming		
70 Oct. 8	e 6:11.8		
	Temiskaming		
71 Oct. 8	e 9:12.8		
	Temiskaming		
72 Oct. 9	e 0:37:54 e 0:39:03	Ottawa No. 529	
	Kirkland Lake		
73 Oct. 10	e 7:44:11 i 7:44:18	Ottawa No. 534 Saint Louis	$\phi = 44^{\circ}3' N.$ $\lambda = 145^{\circ}9' E.$ $H = 07:32:47$ $d = 300 \text{ km.}$
	Temiskaming		
	e 7:44:26 i 7:44:33		
	Kirkland Lake		
74 Oct. 11	e 21:39:04	Ottawa No. 543	
	Temiskaming		
	e 21:38:58		
	Kirkland Lake		
75 Oct. 13	e 1:13:40 eL 1:27	Ottawa No. 549	
	Temiskaming		
	e 1:13:54 eL 1:27.3		
	Kirkland Lake		
76 Oct. 15	e 4:17:02 e 4:28.9	Ottawa No. 558	



76
Oct. 15
(cont'd)

Ville Marie
e 4:30:21

Kirkland Lake

77
Oct. 15

i 19:42:10
e 19:43.6
e 19:54:55
F 20:07

Ville Marie

i 19:42:14
e 19:54:13
eL 19:55.5

Ville Marie

78
Oct. 16

iP 2:17:22
i 2:18:36
i 2:18:53
e 2:22:55
e 2:23:13

Ottawa No. 567
Reported in Ottawa Bulletin
U.S.C.G.S. $\varphi = 64^{\circ}5' N.$
 $\lambda = 148^{\circ} W.$
 $H = 2:09:45$
Kirkland Lake sheets being
changed.
No time marks at Temiskaming.

Kirkland Lake

79
Oct. 16

e 9:29:46
e 9:42.8

Ottawa No. 574

Ville Marie

e 9:29.8
e 9:41:54

Kirkland Lake

80
Oct. 16

e 11:30:12

Ottawa No. 575

Ville Marie

e 11:30.3
e 11:43:25

	Kirkland Lake		
81 Oct. 16	e 12:37:57	Ottawa No. 576	
	Ville Marie		
	e 12:38:02		
	e 12:51.4		
	Kirkland Lake		
82 Oct. 16	e 14:20:44	Ottawa No. 577	
	e 14:33.8		
	Ville Marie		
	e 14:20.8		
	e 14:33.4		
	Kirkland Lake		
83 Oct. 16	e 17:18:11	Probably not same shock at two stations. Ville Marie shock believed local. Not on Temiskaming. See Appendix C.	
	Ville Marie		
	i 17:17:46.8		
	i 17:17:49.8		
	Kirkland Lake		
84 Oct. 17	e 0:49:33	Ottawa No. 580	
	Ville Marie		
	e 0:49:39		
	Kirkland Lake		
85 Oct. 17	e 4:15:10		
	Temiskaming		
	e 4:14:57		



Kirkland Lake
86 Oct. 17 e 10:30:36 Ottawa No. 582
e 10:32.0
e 10:48.8
Ville Marie
e 10:30:36
e 10:43.0
Temiskaming
e 10:44:06
Kirkland Lake
87 Oct. 17 e 14:03:45 Ottawa No. 584
i 14:03:46
Ville Marie
e 14:03:37
e 14:03:46
Temiskaming
e 14:03:34
i 14:03:35
Temiskaming
88 Oct. 18 e 18:26:31 Ottawa No. 588
See Appendix C.
Kirkland Lake
89 Oct. 19 e 12:50:19 Ottawa No. 592
e 12:51.8
eL 13:02.6
F 13:05
Ville Marie
e 12:50:24
eL 13:02.9

Kirkland Lake

90
Oct. 20

e 1:50:45
e 1:52.2
e 1:57.0

Ottawa No. 598
Reported in Ottawa Bulletin
U.S.C.G.S. $\phi = 64^{\circ}5' N.$
 $\lambda = 148^{\circ}8' W.$
H = 1:43:16

Ville Marie

e 1:50:50
e 1:56:20
e 1:57:04

Ville Marie

91
Oct. 20

e 3:19.6

Ottawa No. 599
Trace only at Kirkland Lake

Kirkland Lake

92
Oct. 20

e 16:48:21

Ottawa No. 601?

Kirkland Lake

93
Oct. 21

e 21:57:12
e 21:57:19

Ville Marie

No times. Interval
of 1.2 sec. on
above phase.

Temiskaming

e 21:57:00.5 NS
e 21:57:02.5 EW

Kirkland Lake

94
Oct. 22

e 9:40:01.5

Ottawa No. 605
See Appendix C

Kirkland Lake

95
Oct. 23

e 11:52.0

Ottawa No. 612



	Temiskaming		
96 Oct. 25	e 22:35:12	Ottawa No. 627	
	Kirkland Lake		
97 Oct. 27	e 11:24.6	Ottawa No. 630	
	Temiskaming		
	e 11:24.6		
	Temiskaming		
98 Oct. 27	e 17:11.3	No Ottawa equivalent. Not present at other stations.	
	Kirkland Lake		
99 Oct. 29	e 12:11:04	Ottawa No. 636	
	Temiskaming		
	e 12:11:11		
	Kirkland Lake		
100 Oct. 29	i 19:39:41.5	Possible strain burst	
	Kirkland Lake		
101 Nov. 1	e 6:19:09	Ottawa No. 646	
	e 6:21:46		
	Temiskaming		
	e 6:21:53		



102
Nov. 1

Kirkland Lake
e 15:08:53

Temiskaming
e 15:08:43
i 15:08:52
i 15:08:59
i 15:09:07
i 15:11:31

Ottawa No. 647
Reported in Ottawa Bulletin
U.S.C.G.S. $\phi = 11^\circ \text{ S.}$
 $\lambda = 75^\circ \text{ W.}$
H = 14:58.9

Surface waves prominent.

103
Nov. 1

Kirkland Lake
e 15:38:28
e 15:38:40

Temiskaming
e 15:38.7

Ottawa No. 648

104
Nov. 1

Kirkland Lake
e 16:58.1

Temiskaming
e 16:57:55

Ottawa No. 650

105
Nov. 1

Kirkland Lake
e 20:54:33 NS
i 20:54:54
e 20:54:57

Not present at Ville Marie
or Kirkland Lake.

106
Nov. 1

Kirkland Lake
i 21:15:30

107
Nov. 2

Kirkland Lake
e 1:42.1

Temiskaming
e 1:41:58

Ottawa No. 653
U.S.C.G.S. $\phi = 11^\circ \text{ S.}$
 $\lambda = 75^\circ \text{ W.}$
H = 1:32.2



Kirkland Lake

108
Nov. 2

1 7:07:18
e 7:08:37
F 7:15

Ottawa No. 655
U.S.C.G.S. $\phi = 40^\circ$ N.
 $\lambda = 127^\circ$ W.
H = 7:00.3

Ville Marie

No times. Above phases prominent with interval of 1:18. Surface waves prominent.

Temiskaming

1 7:07:23
e 7:08:41
L Prominent
F 7:29

Kirkland Lake

109
Nov. 2

e 21:38.8

Ottawa No. 661

Temiskaming

e 21:38.7

Kirkland Lake

110
Nov. 3

P_n 19:52:18.8
S_n 19:52:42.9
? 19:52:51.8
? 19:52:53.8
 Δ 205 km.
H 19:51:47

Ottawa No. 663
See Appendix C.

Ville Marie

S_n-P_n 24 sec.
 Δ 207 km.

Kirkland Lake

S_n 19:52:53
 Δ 254 km.



		Kirkland Lake	
111		iP 00:21:27	Ottawa No. 666
Nov. 4		i 00:21:35	U.S.C.G.S. $\phi = 43$ N.
		i 00:21:41	$\lambda = 140$ E.
		e 00:31:45	H = 0:19.1
		Temiskaming	Secondary phases in P group
		iP 00:21:35	very pronounced. No times
		i 00:21:43	at Ville Marie but same
		i 00:21:49	phases prominent with
		e 00:31:52	intervals of 8 seconds and
		eL 01:01	6 seconds.
		Temiskaming	
112		? 8:31:09	No trace at Ville Marie or
Nov. 4		i 8:31:54	Kirkland Lake.
		Kirkland Lake	
113		i 10:04:19	Ottawa No. 674
Nov. 4		Temiskaming	
114		e 21:06	Ottawa No. 688
Nov. 6			See Appendix C.
		Kirkland Lake	
115		e 23:10:18	Ottawa No. 697
Nov. 7		Temiskaming	U.S.C.G.S. $\phi = 11$ S.
		e 23:10:17	$\lambda = 75$ W.
		Kirkland Lake	H = 23:00.5
116		e 4:14.6	Ottawa No. 698
Nov. 8		Temiskaming	
		i 4:14:46	



	Kirkland Lake		
117 Nov. 8	e 5:33.3	Ottawa No. 699 U.S.C.G.S.	$\varphi = 7^{\circ} \text{ N.}$ $\lambda = 85.5 \text{ W.}$ $H = 5:25.9$
	Kirkland Lake		
118 Nov. 8	e 6:57.3	Ottawa No. 700	
	Temiskaming		
	e 6:57:17		
	e 7:00:47		
	Kirkland Lake		
119 Nov. 8	e 16:51.1	Ottawa No. 702	
	Temiskaming		
	e 16:50.5		
	Kirkland Lake		
120 Nov. 9	e 5:16.7	Ottawa No. 705 U.S.C.G.S.	$\varphi = 23^{\circ} \text{ S.}$ $\lambda = 171^{\circ} \text{ E.}$ $H = 4:57.8$
	Temiskaming		
	i 5:16:56		
	eL 6:03		
	Kirkland Lake		
121 Nov. 10	i 11:47:28.8	No Ottawa equivalent.	
	i 11:48:08.5	Not present at Ville Marie	
	i 11:48:15.3	or Temiskaming.	
	Kirkland Lake		
122 Nov. 13	i 14:17:13	Possible strainburst	



	Kirkland Lake		
123 Nov. 14	1 11:02:17	Ottawa No. 723	
	Temiskaming	U.S.C.G.S. $\phi = 46^{\circ}$ N.	
		$\lambda = 143^{\circ}$ E.	
		H = 10:50.5	
	1 11:02:23		
	Kirkland Lake		
124 Nov. 15	1 00:41:05	Strainburst felt by Hallick	
	Kirkland Lake		
125 Nov. 15	1 19:33:53	Strainburst felt by Hallick	
	Kirkland Lake		
126 Nov. 15	e 20:31.2	Ottawa No. 728	
	Temiskaming		
	e 20:31.5		
	Kirkland Lake		
127 Nov. 16	e 12:00:03	Ottawa No. 730	
	Temiskaming		
	e 11:59:51		
	Kirkland Lake		
128 Nov. 17	e 10:04:41	Ottawa No. 734	
	Temiskaming	U.S.C.G.S. $\phi = 14$ N.	
		$\lambda = 45$ W.	
		H = 9:56.0	
	e 10:04:31		

	Kirkland Lake		
129 Nov. 18	e 16:47.6	Ottawa No. 738	
	Temiskaming		
	e 16:47.3		
	Kirkland Lake		
130 Nov. 18	e 17:33.8	Ottawa No. 739	
	Temiskaming		
	e 17:33.7		
	Kirkland Lake		
131 Nov. 20	i 8:30:56	Ottawa No. 744	
	Temiskaming	U.S.C.G.S. $\varphi = 47^{\circ}$ N.	
		$\lambda = 153^{\circ}$ E.	
		H = 8:19.3	
	i 8:31:06		
	Kirkland Lake		
132 Nov. 20	e 21:55:59	No Ottawa equivalent.	
	Temiskaming	Most prominent at Ville Marie,	
		but no time corrections	
	e 21:55:45	available.	
	Kirkland Lake		
133 Nov. 21	e 4:01:19	Ottawa No. 748	
	i 4:01:27	U.S.C.G.S. $\varphi = 19^{\circ}$ N.	
	L 4:13	$\lambda = 107^{\circ}$ W.	
	F 4:45	H = 3:54:15	
	Temiskaming		
	e 4:01.3		
	i 4:01:23		
	L 4:11.7		



134
Nov. 21

Kirkland Lake
e 4:24:51

Temiskaming
e 4:24.8

Ottawa No. 749
Aftershock of No. 133;
superimposed on that record.
U.S.C.G.S. H = 4:17:39

135
Nov. 22

Kirkland Lake
e 8:08:57

Ottawa No. 758
Ottawa H = 8:00:47

136
Nov. 23

Kirkland Lake

eP 9:51:00
i 9:51:18
i 9:51:23
i 9:51:38
i 9:51:48
i 9:54:40
i 9:55:11
i 9:55:19
L 9:57.2
M 9:59.3
F 10:25

Ottawa No. 760
U.S.C.G.S. $\phi = 44^{\circ}47' N.$
 $\lambda = 112^{\circ}02' W.$
H = 9:46:05.5

Temiskaming

iP 9:51:09
eL 9:57.8
F 10:25

137
Nov. 23

Kirkland Lake
e 18:02:21

Ottawa No. 761

138
Nov. 25

Kirkland Lake
e 18:25:05

Ottawa No. 765
U.S.C.G.S. $\phi = 11^{\circ} S.$
 $\lambda = 75^{\circ} W.$

Temiskaming

i 18:25:02



	Kirkland Lake		
139 Nov. 26	i 17:15:21	Crush burst reported by Robson on 4325' level, Lake Shore.	
	Kirkland Lake		
140 Nov. 28	e 8:59:11	Ottawa No. 772	
	Temiskaming		
	i 8:59:22		
	Kirkland Lake		
141 Nov. 28	i 19:44:26	Possible strainburst	
	Kirkland Lake		
142 Nov. 29	i 20:29:11	Possible strainburst	
	Kirkland Lake		
143 Dec. 4	i 7:53:45	No Ottawa equivalent. Recorded at Ville Marie but no time corrections. Not recorded at Temiskaming.	
	Kirkland Lake		
144 Dec. 13	e 23:12:49		
	Temiskaming		
	e 23:12:57		
	Kirkland Lake		
145 Dec. 14	e 2:28:07	U.S.C.G.S.	$\phi = 26^\circ \text{ S.}$
	e 2:28:35		$\lambda = 63^\circ \text{ W.}$
	Temiskaming		H = 2:16.2
	e 2:27:59		d = 100 km.
	e 2:28:29		



	Kirkland Lake		
146	e	14:39:25	No Ottawa equivalent.
Dec. 15	e	14:41:15	Trace piled up. These times might be exactly 15 minutes too late.
	Kirkland Lake		
147	e	12:49.0	No Ottawa equivalent. Present at Ville Marie but time corrections questionable
	Temiskaming		
148	?	12:02:55	No Ottawa equivalent.
Dec. 21	e	12:03:16	Present also at Ville Marie.
	Kirkland Lake		
149	e	2:02:54	
Dec. 23			
	Temiskaming		
	e	2:02:44	
	Kirkland Lake		
150	i	3:59:57	Possible strainburst.
Dec. 24			
	Kirkland Lake		
151	e	5:41:59	
Dec. 24	e	5:43:12	
	e	5:47:05	
	Temiskaming		
	e	5:41:56	
	Kirkland Lake		
152	e	16:43:45	U.S.C.G.S. $\phi = 16^\circ$ N.
Dec. 24	e	16:43:52	$\lambda = 98^\circ$ W.
			H = 16:36.5

	Kirkland Lake		
153 Dec. 24	e 17:43:35		
	Kirkland Lake		
154 Dec. 26	i 22:59:02	Strainburst felt by Hallick	
	Temiskaming		
155 Dec. 28	P _n 20:00:01 P ₂ 20:00:22 S _n 20:01:23	See Appendix C	
	Kirkland Lake		
	P _n 20:00:18		
	Kirkland Lake		
156 Dec. 30	i 2:02:40	U.S.C.G.S. $\phi = 9^{\circ}5' N.$ $\lambda = 84^{\circ}5' W.$ H = 1:55.3	
	Temiskaming		
	i 2:02:27		
	Temiskaming		
157 Dec. 30	e 17:24:57 e 17:25:00		
	Kirkland Lake		
158 Dec. 30	i 22:28:40	Possible strainbursts. Smaller amplitudes than usual.	