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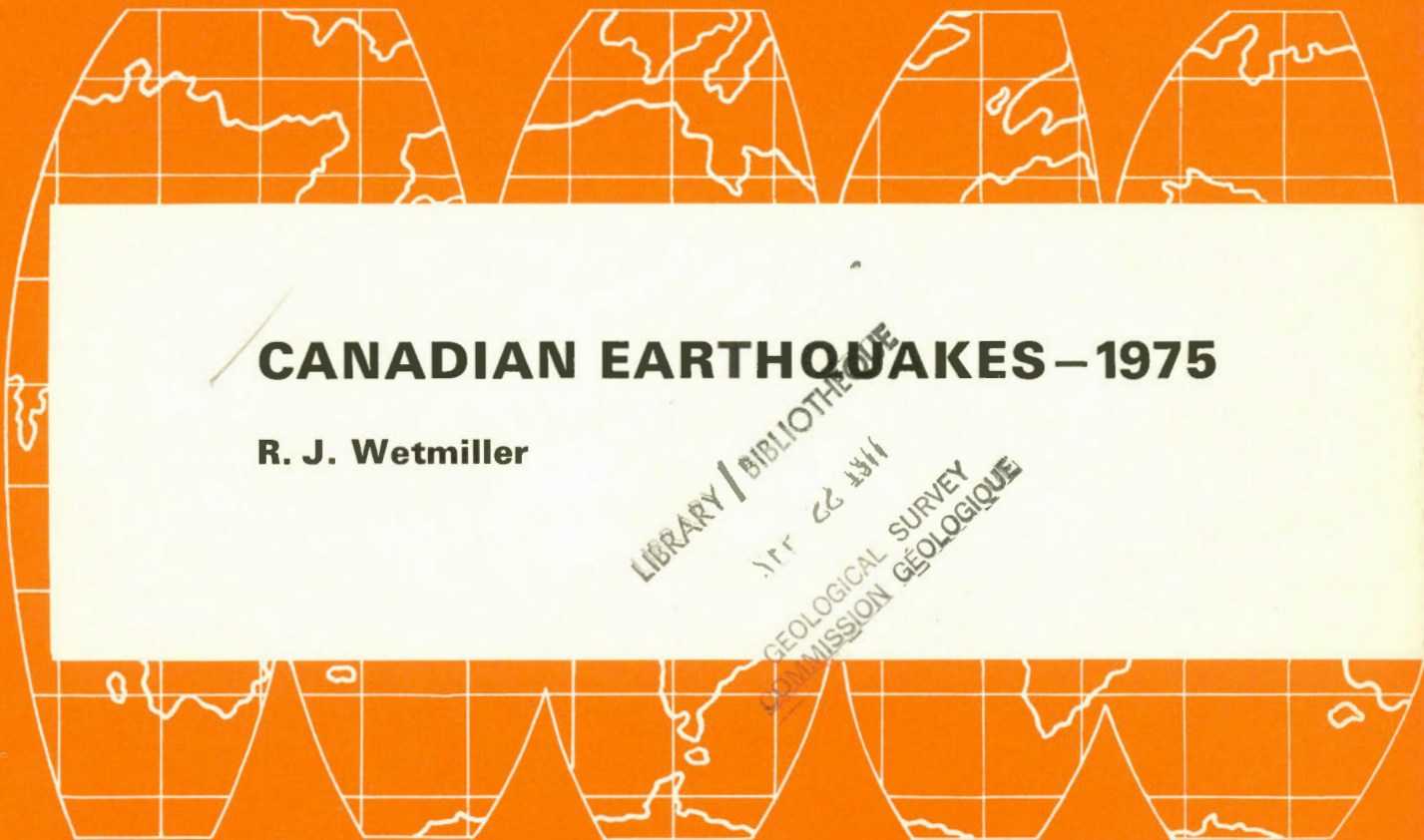
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# CANADIAN EARTHQUAKES - 1975

**R. J. Wetmiller**

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## ABSTRACT

This catalogue lists 1355 earthquakes one rockburst and 75 possible or confirmed blasts in Canada and adjacent areas detected by the Canadian seismograph network in 1975. A total of 339 earthquakes were located, 266 in Canada and 73 in adjacent areas of the United States and Greenland. Thirty-eight earthquakes in Canada had a magnitude of 4 or greater. The two largest earthquakes in Canada in 1975 occurred on western Vancouver Island on 31 March and in the Beaufort Sea on 14 June; both had magnitude  $M_b$  5.3. An additional 1092 small shocks are described only by magnitude and by distance from the nearest seismograph station.

Most earthquakes in 1975 occurred west of Vancouver Island, in the northern Yukon, on Baffin Island and in the Queen Elizabeth Islands. Twenty-eight earthquakes plus one rockburst were reported felt in Canada in 1975. The most strongly felt earthquake occurred on 30 November in Georgia Strait just off Vancouver and was felt with intensities V and VI in several places.

The text is accompanied by four epicentre maps and by isoseismal or intensity maps for six of the felt earthquakes. In addition, the located events are listed chronologically by region in four tables; the unlocated events are listed chronologically by station code in 33 tables. Reports of earthquakes felt in Canada and adjacent areas are summarized in one table. Histograms show the distribution of epicentral distances from seven stations recording many unlocated events.

## RÉSUMÉ

Le présent catalogue énumère 1 355 tremblements de terre, un éclatement de roches et 75 explosions connus ou possibles détectés au Canada et dans les régions avoisinantes par le réseau séismographique canadien en 1975. On a localisé 339 tremblements de terre, dont 266 au Canada et 73 dans les régions adjacentes, c'est-à-dire les États-Unis et le Groenland. Trente-huit des séismes ayant eu lieu au Canada avaient une magnitude d'au moins 4. Les deux séismes les plus considérables subis au Canada en 1975 se sont produits le 31 mars sur la côte ouest de l'île Vancouver et le 14 juin dans la mer de Beaufort; tous les deux ont atteint une magnitude de  $m_b$  5.3. De plus, la description de 1 092 petits tremblements de terre supplémentaires ne présente que la magnitude et la distance entre l'épicentre et la station séismographique la plus proche.

La plupart des tremblements de terre en 1975 se sont produits à l'ouest de l'île Vancouver, dans le nord du territoire du Yukon, sur l'île Baffin et dans les îles Reine-Élisabeth. Vingt-huit tremblements de terre et un éclatement de roches ressentis au Canada ont été rapportés en 1975. Le séisme survenu le 30 novembre dans le détroit de Géorgie près de Vancouver a été le tremblement de terre le plus fortement ressenti; atteignant une intensité de V et VI à certains endroits.

Quatre cartes des épicentres et des cartes des isosistes ou des intensités de six des tremblements de terre ressentis accompagnent le texte. De plus, les tremblements de terre localisés sont catalogués dans quatre tableaux, par ordre chronologique et selon la région d'origine. Les événements non localisés sont classés dans 33 tableaux, par ordre chronologique et selon l'indicatif de la station. Un tableau présente un sommaire des rapports des tremblements de terre ressentis au Canada et dans les régions avoisinantes en 1975. Des histogrammes présentent la distribution des distances des épicentres de sept stations séismographiques enregistrant un grand nombre d'événements non localisés.

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# CANADIAN EARTHQUAKES – 1975

R. J. Wetmiller

## I. Introduction

This catalogue continues the annual lists of earthquakes in Canada as prepared by the Division of Seismology and Geothermal Studies, Earth Physics Branch, Department of Energy, Mines and Resources. An enumeration of the previous papers in this series can be found in Appendix 1. All data for events in this catalogue have been analyzed by the Ottawa section of the Division of Seismology and Geothermal Studies except for felt reports in western Canada which have been analysed by the Victoria Section and felt reports in the U.S. which have been analysed by the U.S. National Earthquake Information Service (NEIS).

Earthquakes are listed in chronological

order for each of the four regions of Canada shown in Fig. 1. The Eastern, Northern, Western and Central Regions are covered in Tables 1, 2, 3 and 4, respectively. Sub-sections of these tables contain earthquakes located outside Canada.

The extension of the Canadian Catalogues to include earthquakes offshore and into neighbouring countries is made for two reasons. Earthquakes near the international boundaries may be felt and/or do damage in Canada; thus they must be included in any practical study of Canadian seismicity. Secondly, an understanding of the pattern of Canadian seismicity requires a consideration of the tectonics of neighbouring areas. Data on earthquakes outside of Canada included in this catalogue are obtained primarily from



Figure 1. The four regions of Canada.

the NEIS for the larger events and for smaller events variously from the Lamont-Doherty Geological Observatory (LDO) for New York State, the University of Washington for Washington, the Weston Observatory for the New England States and the Geodetic Institute of Denmark for Greenland.

Tables 1, 2, 3 and 4 list only located earthquakes, while Tables 5 to 37 list unlocated events recorded at only one or two stations. Whenever possible an epicentral region for these events is suggested. Few epicentres have been calculated from data at two stations only. These lists of unlocated events should not be considered complete. Regional detection of such events is very dependent on instrumental magnification, record quality, noise levels, etc. They are useful in indicating relative regional levels of low magnitude seismic activity.

This catalogue is being published in advance of the 1975 Bulletin of the International Seismological Centre (ISC); therefore no comparison can be made with the ISC epicentres of Canadian earthquakes at this time. All data on Canadian earthquakes contained in this catalogue has been given to the ISC and will appear in its 1975 bulletins. Any revisions to the ISC determinations on Canadian events for 1975 will be published in later catalogue years of this series. Epicentres calculated by the NEIS for Canadian earthquakes are included herein and data from foreign seismograph stations as published in the NEIS Earthquake Data Reports are used in this catalogue in selected cases.

### 1. Epicentral Determination

All epicentral solutions given in this catalogue are calculated by standard regression techniques applied to earthquakes recorded at regional and near-teleseismic distances. The travel-time equations used are based on a single-layered crust 36 km thick and assume a focal depth of 18 km, as follows:

$$\begin{array}{ll} P_{-H} = \Delta/6.20 & P_{-H} = 5.60 + \Delta/8.2 \\ L_{-H}^1 = \Delta/3.57 & S_{-H}^n = 9.84 + \Delta/4.7 \end{array}$$

H is the origin time in seconds and  $\Delta$  is the epicentral distance in kilometers. For a surface focus the  $P_n$  and  $S_n$  intercepts become 7.50 and 13.12 s, respectively.

Unless otherwise stated in the tables, the focal depth has been held fixed at 18 km or half the assumed crustal thickness. If

sufficient data exist within 100 km of the epicentre of an event, an unrestrained estimate of focal depth is usually attempted. Such free estimates should be regarded with care; they are not necessarily more reliable than a general assumption of mid-crustal focus. Restriction of focal depth to a value other than 18 km (normally 10 km) is sometimes done at the judgement of the geophysicist responsible if the epicentre lies in a region where other than mid-crustal focal depths are more appropriate.

In the tables of located events, latitude and longitude are given in decimal degrees and origin time to the nearest second. Standard errors are given for these quantities, as well as the Root-Mean-Square (RMS) residual of the epicentre solution. The RMS residual is a measure of the consistency or the goodness-of-fit of the observed arrival times to the computed epicentre for the selected model. The number of stations and number of phases used in each solution are given as an indication of potential accuracy and to supplement standard error information. It is important to note that standard errors are meant to indicate only precision and not accuracy.

The quality factors "F" and "O" are presented at the right of each epicentre and represent filled or open symbols, respectively, on the epicentre maps. A filled symbol generally represents an earthquake well recorded with a minimum of six phases at three stations. The station geometry, in particular, and the RMS value are also considered. Location of known sources in the Eastern and Western Regions suggests that "F" quality solutions can be shifted as much as 20 km in position.

When available, solutions determined by NEIS are also given in the tables. This information is obtained from the 1975 Earthquake Data Reports (EDR). Unless otherwise stated, these epicentres are calculated at a fixed model depth of 33 km. Unrestrained focal depths that result from these calculations should again be regarded with care, they are not necessarily more accurate than the general assumption of mid-crustal depths (18 km) assumed in the Canadian epicentre determinations. The NEIS does not calculate an RMS value but instead calculates the standard deviation (SD) of one P observation. This value is given in the tables in the RMS column. The relationship between these two quantities is  $SD = \sqrt{N/(N - 3)}$  RMS, where N is the number of readings used.

Epicentres occurring within Canada which are located by NEIS and for which data are available outside Canada have been recomputed using Canadian data augmented by P arrival times of foreign stations at distances up to  $10^{\circ}$ . For earthquakes occurring outside Canada but within the areas shown in Fig. 1, only the epicentres of NEIS or the responsible agencies are presented in most cases.

## 2. Magnitude Determination

The magnitude values,  $M_L$  or  $m_N$ , given in this catalogue are based on the regional magnitude scales developed by Richter (Gutenberg and Richter, 1956) for California and by Nuttli (1973) for North America east of the Rocky Mountains, respectively. These scales have been applied to Canadian earthquakes as follows:

- A) For earthquakes east of the Cordillera (Eastern, Northern and Central Regions)  $m_N$  is calculated from the maximum short-period vertical amplitude of the  $L_g$  phase only if the following two conditions hold:
- 1) the epicentral distance is greater than 500 km
  - 2) the period of the maximum amplitude is less than 1.3 seconds.
- For events in the northern Yukon large enough to be recorded beyond 500 km,  $m_N$  is calculated only at stations to the east on the Shield.
- B) For earthquakes in the Cordillera (Western Region or in any other region of Canada when no data exists beyond 500 km,  $M_L$  is calculated using the maximum short-period vertical amplitude of the  $S_n$  or  $L_g$  phase if the following two conditions hold:
- 1) the epicentral distance is less than 600 km.
  - 2) the period of the maximum amplitude is less than 2.0 seconds.
- C) For earthquakes in oceanic areas such as the Beaufort Sea or Baffin Bay or where the propagation path includes a substantial section of oceanic crust,  $M_L$  is calculated from the maximum short-period amplitude of the  $S_n$  phase over the entire distance range. Because  $S_n$  amplitude attenuation is not adequately known, these magnitudes should be considered tentative. In such cases, where  $L_g$  is absent and reliable  $m_b$  magnitudes have been calculated by NEIS only the latter values are usually given.
- D) For earthquakes occurring in the oceanic area west of Vancouver Island and south of

the Queen Charlotte Islands,  $M_L$  magnitudes calculated as in B above are adopted with the following two exceptions:

- 1) when NEIS gives an  $m_b$  magnitude that includes data from at least three stations beyond  $20^{\circ}$ , this value is adopted as the magnitude of the event.
- 2) when NEIS gives an  $m_b$  magnitude based almost entirely on data from distances less than  $20^{\circ}$ , then the value adopted as the magnitude of the event will be either the NEIS  $m_b$  magnitude or the EPB  $M_L$  magnitude depending on which is more consistent with the size of the event in the judgment of the seismologist responsible.

It has previously been noted (Stevens et al., 1973, Tables A-4 to A-6) that the larger magnitude earthquakes in the seismic area west of Vancouver Island have EPB  $M_L$  magnitudes consistently smaller than NEIS  $m_b$  magnitudes, while elsewhere in the Western Region the  $M_L$  and  $m_b$  magnitude are in reasonable agreement. This apparent bias of  $M_L$  is thought to be caused by increased attenuation in the region west of Vancouver Island, but it may also be that the  $m_b$  magnitudes are biased by data from within  $20^{\circ}$ . Part D above is an attempt to assign magnitudes to the 1975 earthquakes west of Vancouver Island that are consistent with the magnitudes of events in other parts of the Western Region.

Magnitude values given for each event are the average of the values at individual stations.  $M_S$  values given by NEIS are included whenever available.  $M_S$  values calculated by EPB use the formula developed by Marshall and Basham (1972) for North American continental paths.

The standard deviation of one magnitude value is given in the Tables 1 - 4 along with the number of stations used in computing the average magnitude. It is important to note that the standard deviation is simply a measure of the precision of the calculation (the scatter among individual values) and not a measure of the accuracy of the magnitude value. Similarly, magnitudes given in the tables of unlocated events are quoted to 0.1 unit but do not imply such accuracy.

## II. Canadian Seismograph Network

Fig. 2 shows the 46 seismograph stations in Canada which were used in the preparation of this catalogue. Detailed notes regarding instrumentation and changes in instrument constants, calibration, etc., of permanent

TABLE A

## Canadian Seismograph Stations - 1975

ALE	Alert, N.W.T.	* MNQ	Manicouagan, Que.
* ALB <sup>2</sup>	Alberni, B.C.	MNT	Montréal, Que.
BLY	Burwash Landing, Y.T.	OTT	Ottawa, Ont.
BLC	Baker Lake, N.W.T.	** PBQ	Poste-de-la-Baleine, Que.
* CHQ	Charlesbourg, Que.	PHC	Port Hardy, B.C.
DF <sup>1</sup>	Woodlawn, Ont.	* PIB <sup>5</sup>	Pender Island, B.C.
EDM	Edmonton, Alta.	PNT	Penticton, B.C.
FRB	Frobisher, N.W.T.	POC	La Pocatière, Que.
FCC	Fort Churchill, Man.	QCC	Queen Charlotte City, B.C.
FFC	Flin Flon, Man.	QCQ	Québec, Que.
FSJ	Fort St. James, B.C.	RES	Resolute, N.W.T.
GA <sup>1</sup>	Glen Almond, Que.	SB	Shirley Bay, Ont.
* HAL	Halifax, N.S.	SCH	Schefferville, Que.
HM <sup>1</sup>	Holland Mills, Que.	SES	Suffield, Alta.
* HYC <sup>2</sup>	Haney, B.C.	SFA <sup>4</sup>	Seven Falls, Que.
* IGL <sup>3</sup>	Igloolik, N.W.T.	SI <sup>1</sup>	Somerset Island, N.W.T.
INK	Inuvik, N.W.T.	* SIC	Sept-Iles, Que.
JQ <sup>1</sup>	Jonquière, Que.	STJ	Saint John's, Nfld.
LHC	Thunder Bay, Ont.	* SUD	Sudbury, Ont.
LND <sup>1</sup>	London, Ont.	* UNB	Fredericton, N.B.
MBC	Mould Bay, N.W.T.	VIC	Victoria, B.C.
MC <sup>1</sup>	Manion Corners, Ont.	** WHC	Whitehorse, Y.T.
* MCC	Mica Creek, B.C.	YKC	Yellowknife, N.W.T.
* MIQ	Maniwaki, Que.		

\* Regional station, vertical component short period only.

\*\* Regional station, three component short period.

1. Temporary or special station.

2. Opened September 1, 1975.

3. Opened September 3, 1975.

4. Closed July 31, 1975.

5. Opened November 1, 1975.

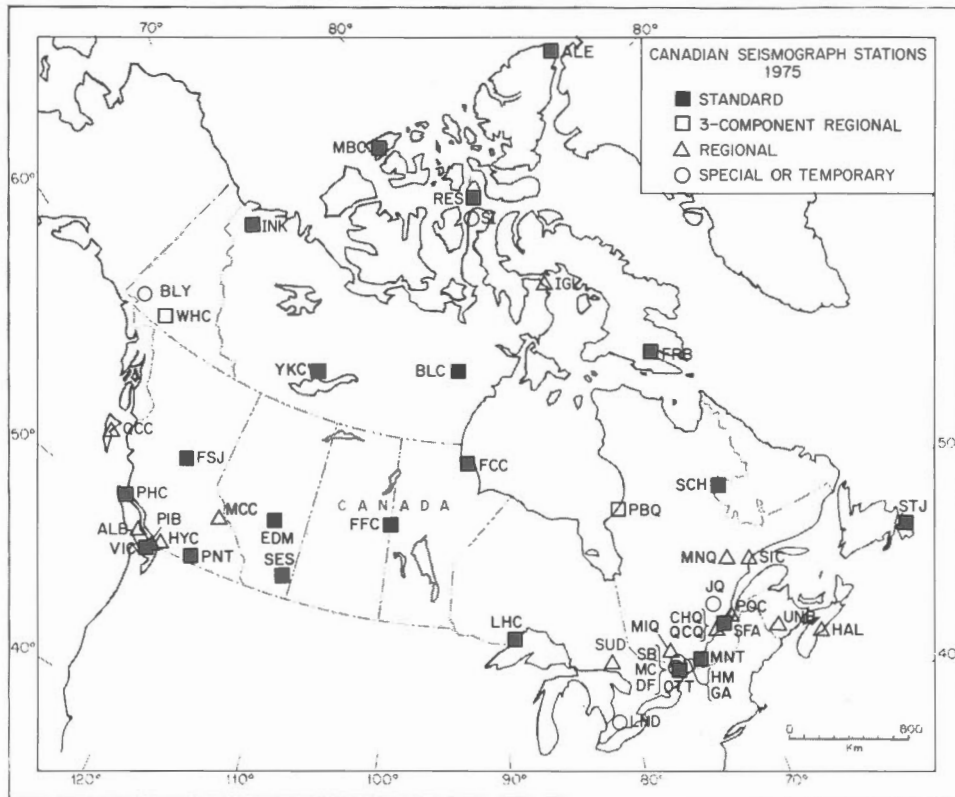


Figure 2. Canadian Seismograph Stations - 1975.

seismograph stations can be found in the report Canadian Seismograph Operations - 1975 (Halliday et al., 1977).

See Table A for code letters used as station abbreviations.

The magnification levels of the short-period seismographs of the Canadian Seismograph Network during 1975 permitted detection of most events of magnitude 3½ or greater in Canada. In southwestern British Columbia and the upper St. Lawrence Valley area the relatively closer seismograph spacing permitted location of events as small as magnitude 2.

### III. Explosions

Seismographs of the network record many construction and mining blasts each year. Ideally, all blasts must be separated from earthquakes so that an accurate knowledge of the natural seismic activity in Canada may be obtained. Some of these blasts may have an equivalent seismic magnitude of 4 or more; these are generally easy to locate and reject. Most blasts, however, are generally much smaller and the distinction on seismograms between blasts and small

earthquakes can be very difficult, especially when the event is recorded at only one station and is not locatable. Consequently, a few of the small unlocated events may be blasts and, on the other hand, some small earthquakes may have been inadvertently rejected as blasts. For most stations in southern Canada, suspect events are listed only if they occur during darkness hours. For the stations LHC, SCH and SUD no suspect events are listed regardless of the time of occurrence.

### IV. Summary of Seismic Activity for 1975.

The seismic activity within each of the four Regions of Canada is discussed in the following sections. Fourteen Hundred and thirty-one events are listed in this catalogue, 339 of which were large enough to locate. Fig. 3 shows 46 earthquakes in or near Canada which had a magnitude greater than or equal to 4. These include 20 in the Western Region, 19 in the Northern Region, six in the Eastern Region and one in the United States south of the Central Region. Six earthquakes had magnitude greater than or equal to 5.0; the largest were the 31 March Vancouver Island earthquake and the 14 June Beaufort Sea earthquake both with magnitude

TABLE B  
Summary of Felt Reports - 1975

	Date and Time (GMT)	Magnitude	Felt Report
1.	15 Jan. 19:16	$M_L$ 2.2	Felt (III) at Cornwall, Ont.
2.	17 Jan. 00:10	$m_N$ 3.1	Felt (IV) on Grand Manan Island, N.B.
3.	17 Jan. 04:18*	$m_b$ 4.4	Felt at Dixon, Montana.
4.	29 Jan. 04:42	$M_L$ 3.1	Felt (III-IV) at Summerland and Peachland, (III) at Westbank, Okanagan Mission, Ruth and Naramata, B.C. (see Fig. 11).
5.	31 Jan. 08:54*	$m_N$ 3.9	Felt (VI) in northwestern Montana with minor damage at Kalispell.
6.	04 Feb. 01:32	$m_N$ 4.6	Felt (VI) in northwestern Montana with minor damage at Kalispell. Felt (III) in Canada from Glenwood, Alta. to Cranbrook, B.C. (see Fig. 12).
7.	13 Feb. 10:32	$M_N$ 2.5	Felt mildly north of Trois Rivières, Que.
8.	16 Feb. 23:21*	$m_N$ 3.4	Felt mildly in Jackson and Gallia counties, Ohio. (Not plotted on Fig. 3 or Fig. 4.)
9.	23 Mar. 15:13	$M_L$ 3.2	Felt (III-IV) at Pool's Cove and Rencontre East, Nfld.
10.	31 Mar. 05:48	$m_b$ 5.3	Felt (IV) on west-central Vancouver Island including Tofino, Long Beach and Ahousat, (III) on central Vancouver Island and (II) at Vancouver and Victoria, B.C. (see Fig. 10).
11.	03 Apr. 19:03	$m_N$ 3.1	Felt (III) in Laurentian Mountains northwest of Montreal including Lachute, Ste. Adèle, Ste. Agathe and St. Phillippe, Que.
12.	18 Apr. 04:57*	$M_L$ 3.7	Felt (III) at Silver Creek, Washington.
13.	23 Apr. 01:03*	$M_L$ 3.8	Felt (VI) with minor damage at Sumner, Washington.
14.	01 June 22:00	$M_L$ 1.5	Felt mildly near Chénéville, Que.
15.	03 June 02:38	$m_N$ 4.0	Felt (IV) at Mould Bay, N.W.T.
16.	09 June 18:39	$m_N$ 3.5	Felt (VI) in northern New York State, (III) in Québec near the U.S. border at Hemingford and Lacolle, Que. (see Fig. 6).
17.	30 June 20:15	$M_L$ 3.0	Felt (III) along western shore of Lake Ontario at Burlington, Ont.

18.	09 July 14:54*	m <sub>B</sub> 4.6	Felt (VII) with minor damage in Minnesota. Also felt in North Dakota and Iowa.
19.	12 July 12:37	m <sub>B</sub> 4.3	Felt (IV) at Maniwaki, Que. Felt (III-IV) in eastern Ontario and northern New York State (see Fig. 5).
20.	14 July 05:50*	M <sub>L</sub> 3.7	Felt mildly at Seattle, Washington.
21.	16 July 10:22	M <sub>L</sub> 1.7	Felt mildly at Rivière Ouelle, Que.
22.	18 July 15:06*		Felt at Helena, Montana.
23.	18 July 18:39*	M <sub>L</sub> 3.1	Felt at Helena, Montana.
24.	19 July 12:00*	M <sub>L</sub> 3.5	Felt at Helena, Montana.
25.	03 Aug. 01:03*	m <sub>N</sub> 2.5	Felt (III) in Ipswich area, Massachusetts
26.	21 Aug. 21:42	M <sub>L</sub> 3.6	Rockburst. Felt (IV) at Malarctic, Que.
27.	06 Oct. 18:37	M <sub>L</sub> 2.7	Felt (III) near Pitt Meadows, B.C.
28.	07 Oct. 03:05	M <sub>L</sub> 2.0	Felt (III) near Pitt Meadows, B.C.
29.	13 Oct. 09:17	m <sub>N</sub> 2.7	Felt mildly at Saint John, N.B.
30.	15 Oct. 03:26	m <sub>N</sub> 3.1	Felt (III) at Saint John, N.B.
31.	23 Oct. 21:17	M <sub>L</sub> 4.3	Felt sharply north of Baie Comeau, Que.
32.	11 Nov. 20:54	m <sub>N</sub> 3.9	Felt widely in northern New York State around Racquette Lake, mildly in eastern Ontario on U.S. border near Maitland, Ont.
33.	25 Nov. 23:29	M <sub>L</sub> 2.9	Felt strongly in La Malbaie and weakly in Les Eboulements and Rivière Ouelle, Que.
34.	26 Nov. 01:55	M <sub>L</sub> 2.6	Felt strongly in La Malbaie and weakly in Les Eboulements and Rivière Ouelle, Que.
35.	29 Nov. 10:50	M <sub>L</sub> 4.4	Felt (IV) on western Vancouver Island at Estevan Point and Nootka lighthouses.
36.	30 Nov. 10:48	M <sub>L</sub> 4.9	Felt (IV) in southwestern B.C. including Vancouver, Nanaimo and Sechelt. Felt mildly at Victoria, Tofino and Hope, B.C. (see Fig. 13).
37.	30 Nov. 10:51	M <sub>L</sub> 3.2	Aftershock. Felt (III) in Vancouver and Nanaimo, B.C.
38.	11 Dec. 15:02	M <sub>L</sub> 3.8	Aftershock. Felt (III) in Vancouver and Nanaimo, B.C.
39.	19 Dec. 15:25	m <sub>N</sub> 3.8	Felt (III) in western Québec at Temiscaming and Kipawa Village.

\*Not reported felt in Canada



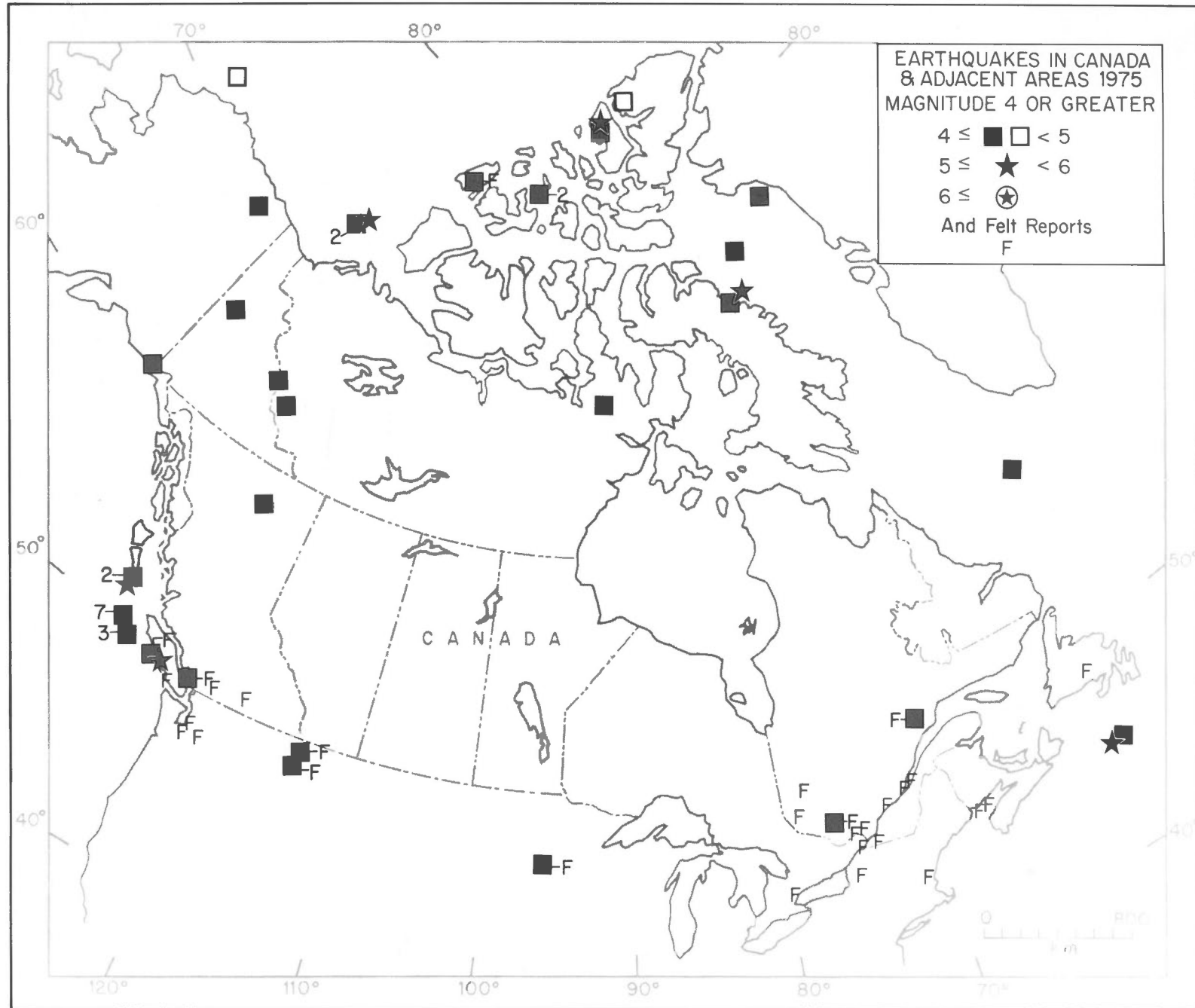


Figure 3. Earthquakes in Canada and adjacent areas with magnitude 4 or greater and felt reports - 1975.

$m_b$  5.3.

Table B gives details of 38 earthquakes and one rockburst reported felt. Eleven earthquakes reported felt in adjacent areas of the United States but not in Canada are included in Table B. These are also shown on Fig. 3. Any smaller felt earthquakes not reported felt will have been omitted from Table B. Most felt reports originated from smaller earthquakes close to populated areas in southern Canada and the northern U.S. Only nine of the 46 earthquakes with magnitude greater or equal to 4.0 were reported felt. Where a sufficient number of felt reports exist a distribution map is shown in the following sections. No damage was reported in Canada in 1975 as a consequence of an earthquake. A maximum intensity of IV on the Modified Mercalli Scale (1931) was experienced over a significant area for five Canadian earthquakes, the 31 March Vancouver Island earthquake, the 03 June Prince Patrick Island earthquake, the 12 July Maniwaki earthquake, the 29 November Vancouver Island earthquake and the 30 November Georgia Strait earthquake. Isolated intensities of V and VI were reported for this last event. In the northern U.S., minor damage was reported for three earthquakes, the 31 January Montana earthquake, the 04 February Montana earthquake and the 09 July Minnesota earthquake.

Information on more than one thousand unlocated events is also given in this catalogue in Tables 5-37 for each of the permanent seismograph stations in Table A and SI. The most active station in this regard was MBC with 246 unlocated events identified.

### 1. Eastern Region

The Eastern Region lies east of  $85^{\circ}\text{W}$  and includes Canada south of  $60^{\circ}\text{N}$  and the United States north of  $40^{\circ}\text{N}$  (Fig.1). Table 1 lists 51 events, 42 in Canada and adjacent waters (1A) and nine in the northeastern U.S. (1B). This catalogue is not intended to be a complete listing of the seismicity of the northeastern U.S. For information on seismic activity in this region, the reader is referred to the Bulletin of the Seismicity of the Northeastern United States (Chiburis, 1976) or the Regional Seismicity Bulletin of the Lamont-Doherty Network (Schnerk *et al.*, 1976). Events in the U.S. portion of the Eastern Region are included here if they have a magnitude greater than or equal to 2.5 or they are close enough to Canada to be recorded on Canadian seismograph stations.

The distribution of seismic activity is shown in Fig. 4 which also shows the permanent seismograph stations in Canada and location of felt reports.

The largest event in the Eastern Region was the 06 October Atlantic Ocean earthquake south of Newfoundland with magnitude  $m_b$  5.2. An event with magnitude  $M_L$  4.6 also occurred in the same general area but about 50 km further east on 31 March. These two events are in the epicentral region of the  $M_S$  7 Grand Banks earthquake of 18 November 1929.

Two events with magnitude greater than 4.0 occurred in eastern Canada both in Québec and both were felt. The first was the 12 July Maniwaki earthquake with magnitude  $m_b$  4.2 which was felt widely with maximum intensity IV in western Québec and also felt in eastern Ontario and northern New York State to a distance of 200 km. An isoseismal diagram for this event is presented in Fig. 5. Data suggest that this earthquake was the result of thrust faulting on a northwest trending plane at a depth of  $17 \pm 2$  km. Fourteen aftershocks ( $M > 1$ ) were recorded following the main shock. Further details are given by Horner *et al.* (1977). The second magnitude 4 earthquake was the Manicouagan earthquake of 23 October with magnitude  $m_N$  4.1. The epicentral region was only sparsely populated and this event was not widely felt. The earthquake was the main shock of a sequence of more than one thousand induced by the filling of the reservoir for the Manic-3 hydroelectric project of Hydro-Québec. All other events in this sequence with  $M > 2.0$  are listed in Table 1 and all events with  $M > 1.0$  are listed as unlocated events at MNQ. No information on events with  $M < 1.0$  is given here. Further details of this sequence and special studies of the epicentral area are given by Leblanc (1977).

Details of 14 other felt events are present in Table 1 with the descriptions for the appropriate event and are summarized in Table B. An isoseismal map (Fig. 6) is presented for the 09 June Plattsburg earthquake which was felt strongly in northern New York State and mildly in southern Québec along the New York border.

### 2. Northern Region

The Northern Region lies north of  $60^{\circ}\text{N}$  and extends west into Alaska to  $145^{\circ}\text{W}$  and east into Greenland (Fig. 1). Table 2 lists 135 earthquakes, 122 in Canada or adjacent waters (2A), six in or near

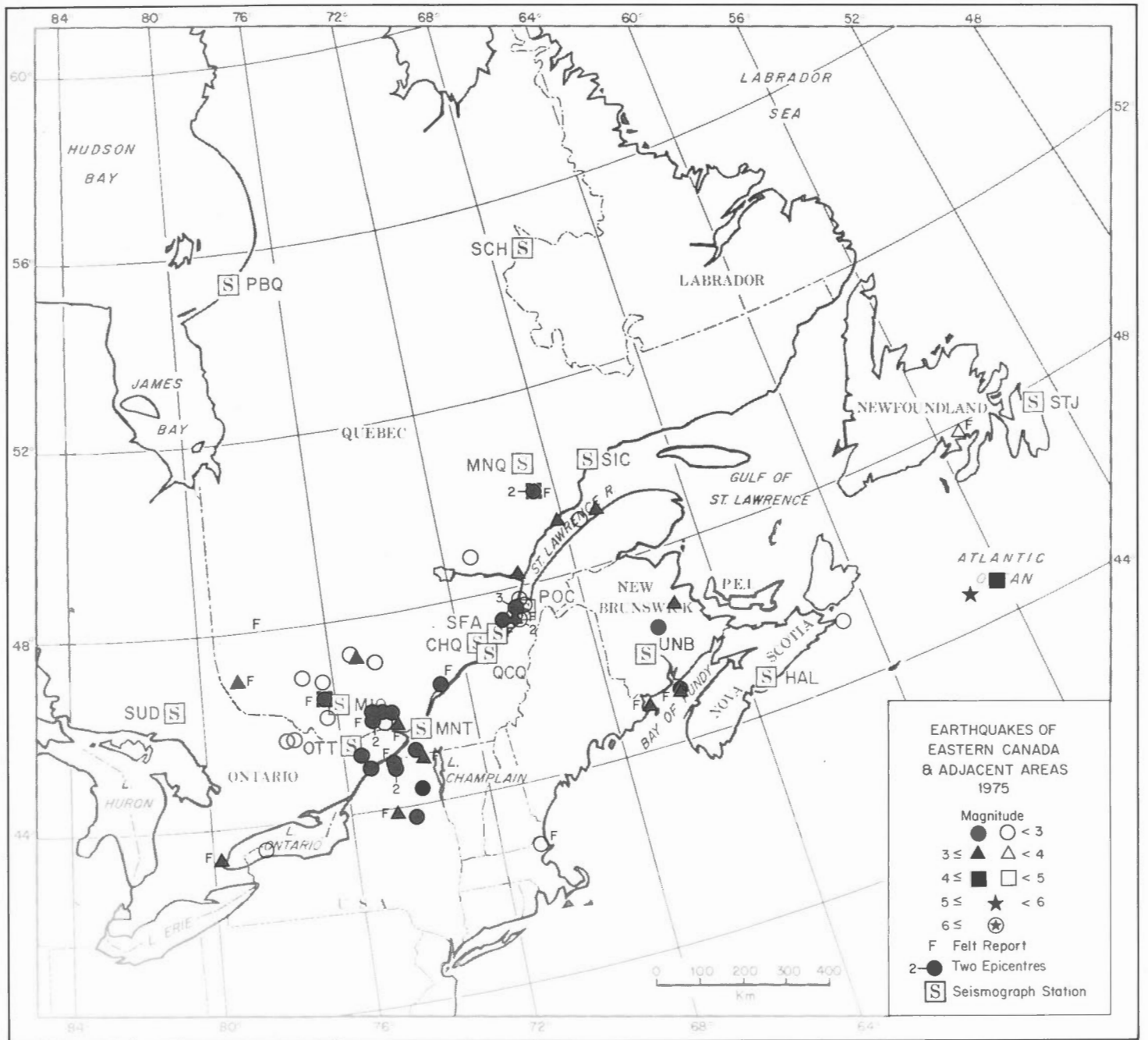


Figure 4. Earthquakes of Eastern Canada and adjacent areas - 1975.

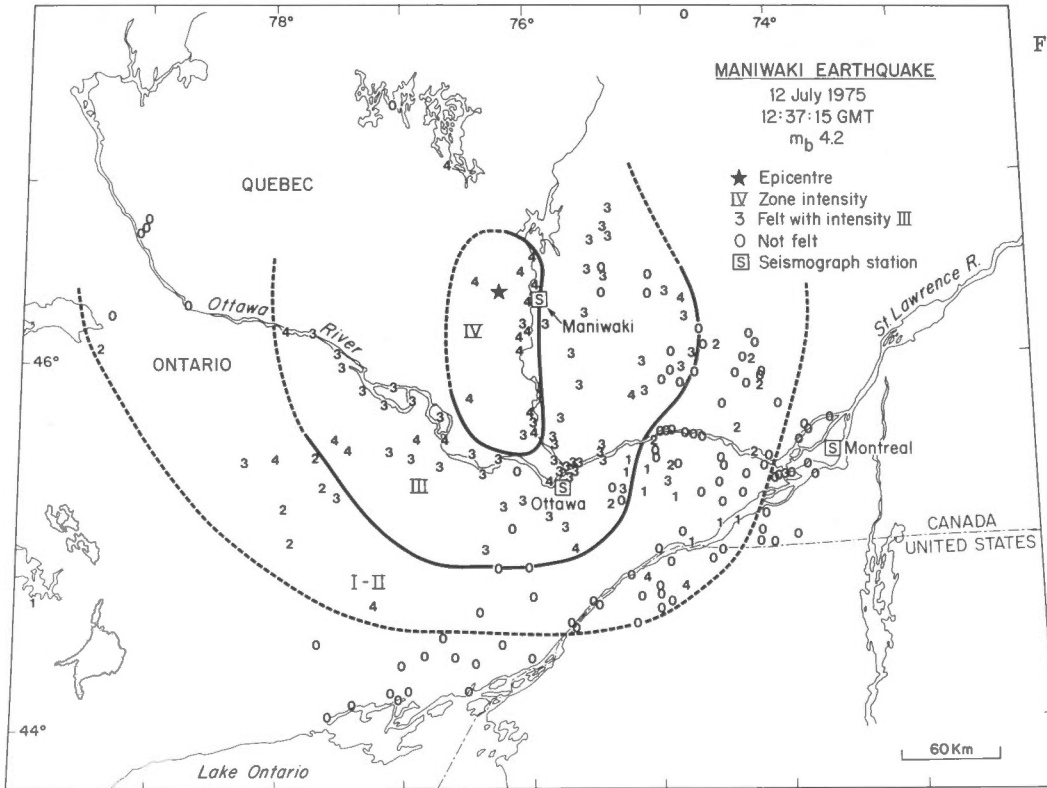
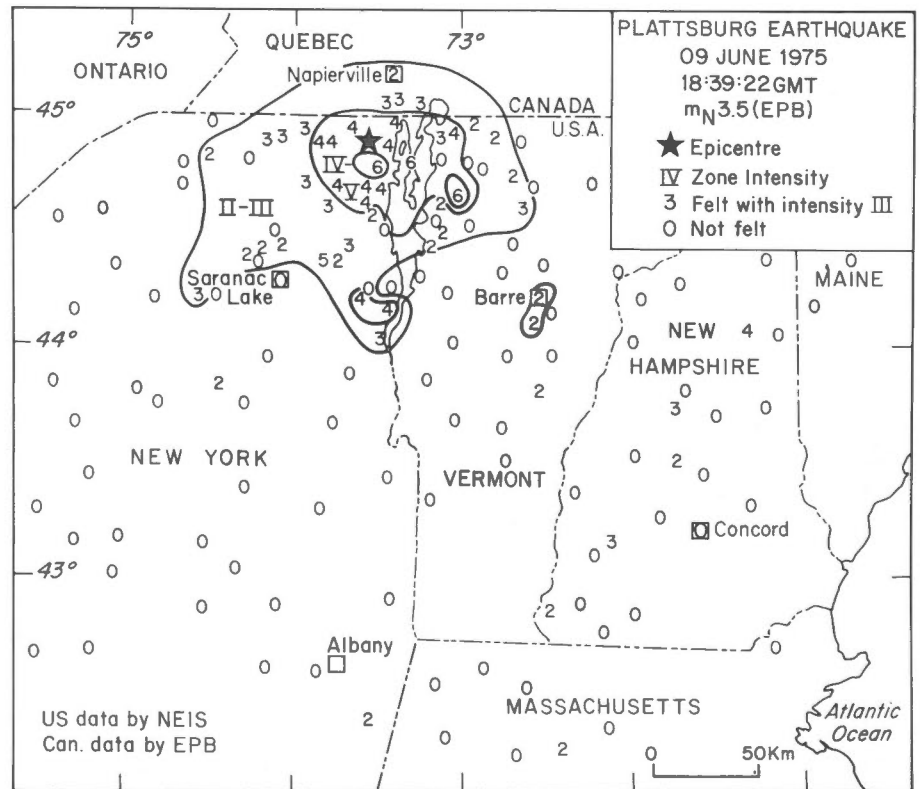


Figure 5. Observed intensities and isoseismals from the Maniwaki earthquake of 12 July, 1975 (from Horner et al., 1977).

Figure 6. Observed intensities and isoseismals from the Plattsburg earthquake of 09 June, 1975.



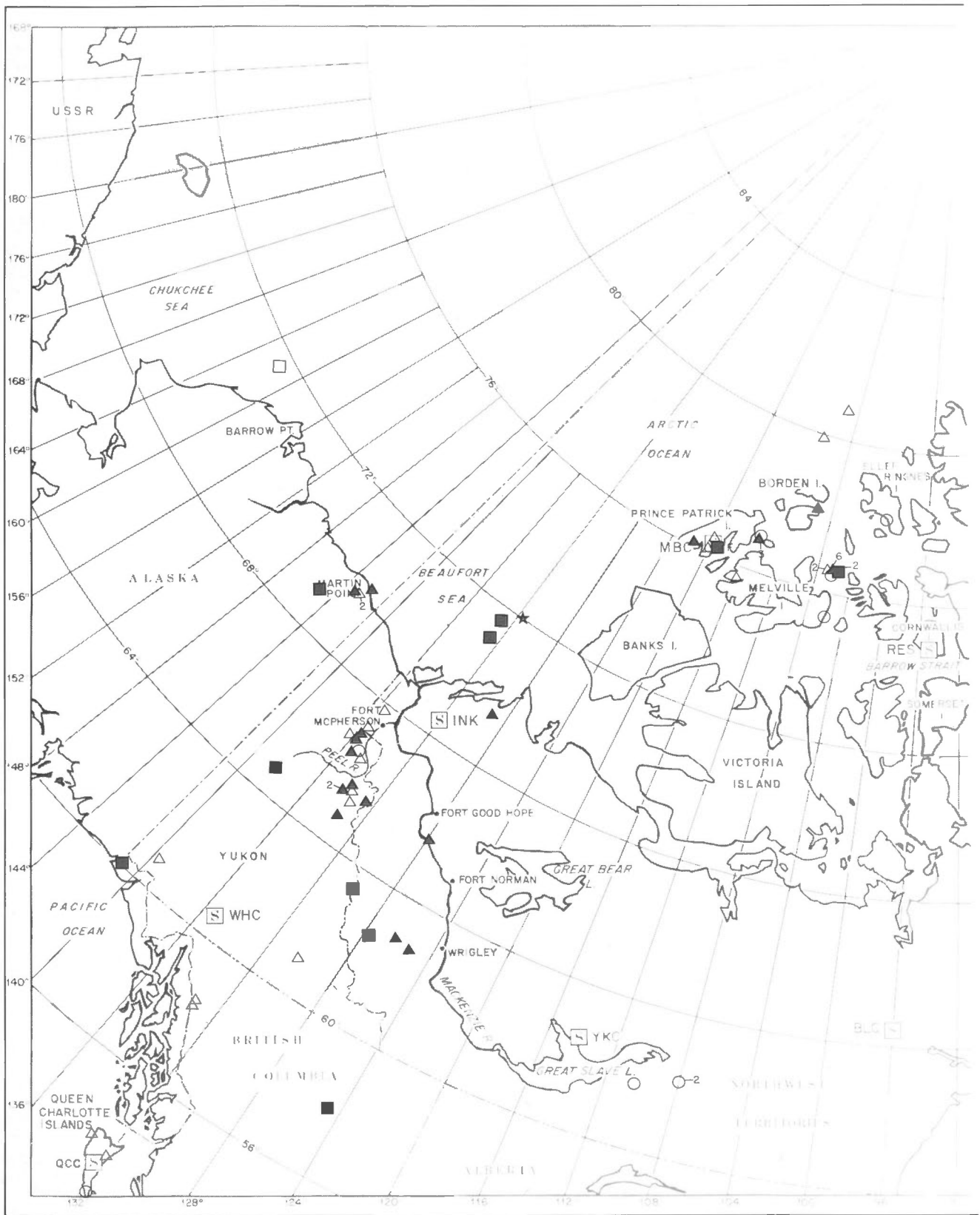


Figure 7. Earthquakes of Northern Canada and adjacent areas - 1975 (Page 1 of 2)

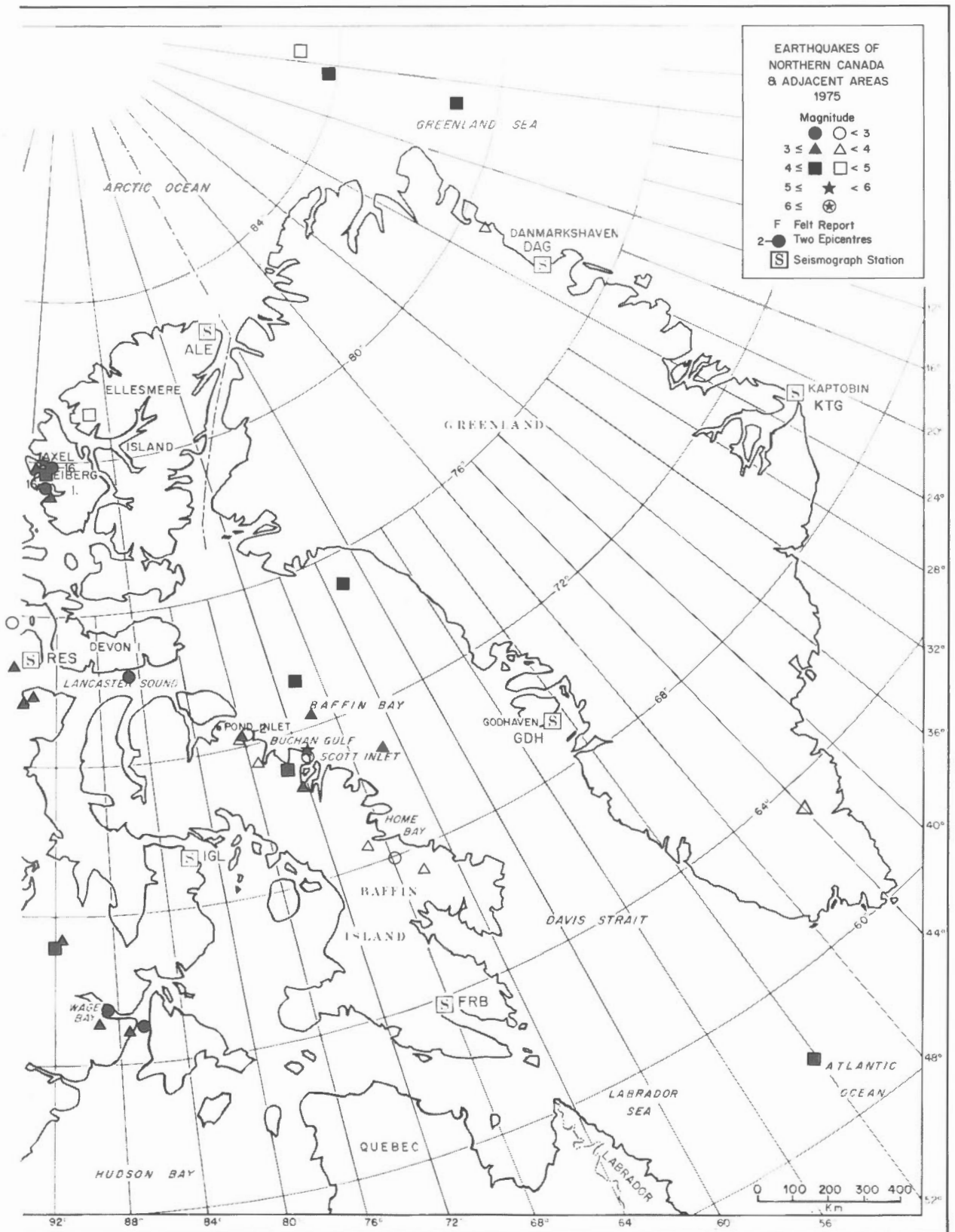


Figure 7. Earthquakes of Northern Canada and adjacent areas - 1975 (Page 2 of 2)

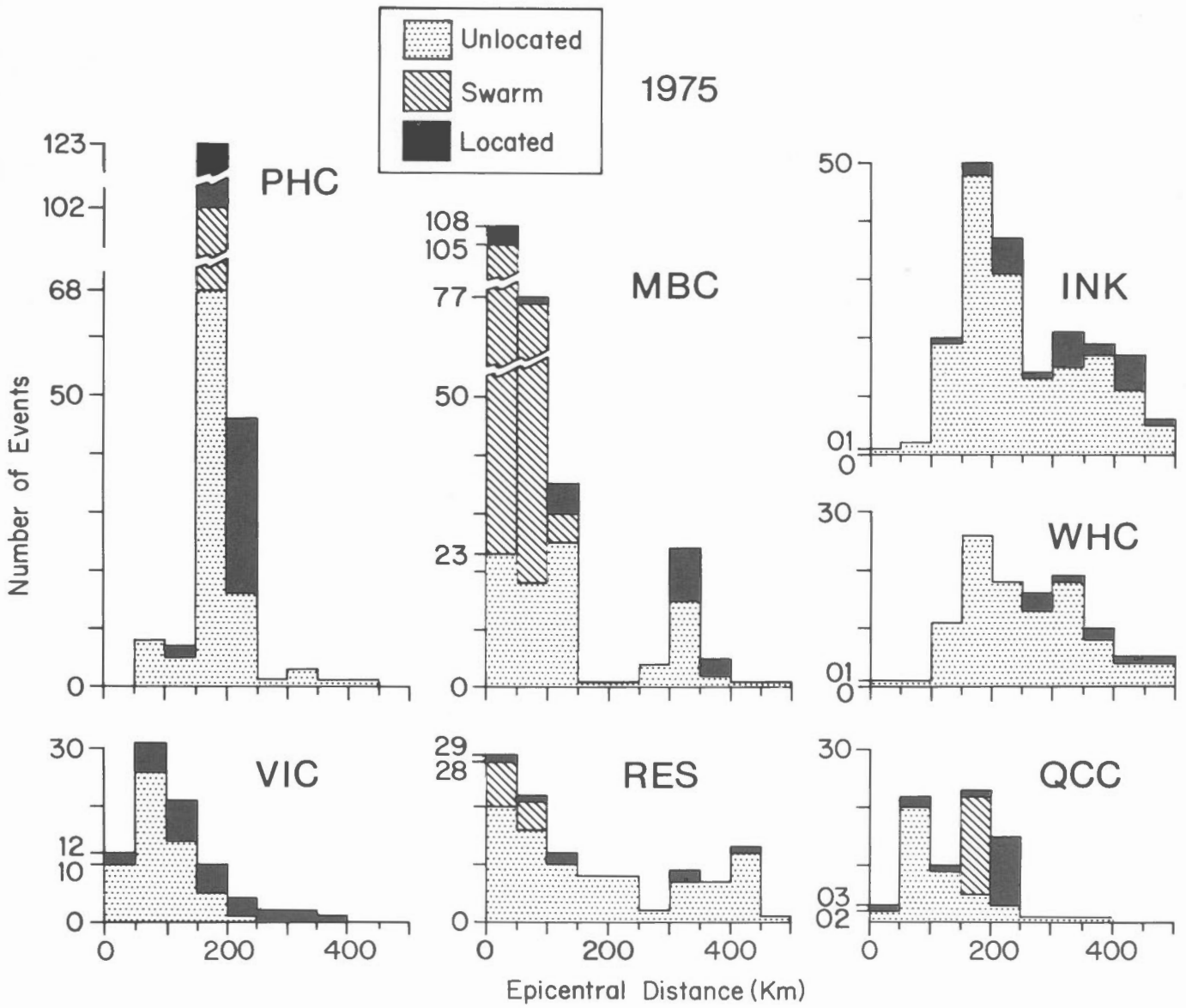


Figure 8. Histograms of unlocated events recorded at INK, MBC, PHC, QCC, RES, VIC and WHC - 1975.

Alaska (2B) and four in or near Greenland (2C). The many events in southern Alaska west of  $145^{\circ}\text{W}$  are not included in this catalogue. For information of the seismicity of this area, the reader should contact the NEIS at Boulder, Colorado. The distribution of seismic activity in the Northern Region is shown in Fig. 7 (a and b) which also shows permanent Canadian seismograph stations, earthquakes in neighbouring areas of the Western Region and location of any felt reports.

The largest earthquake in the Northern Region was the 14 June Beaufort Sea earthquake with magnitude  $m_b$  5.3. Two other earthquakes had magnitudes greater than 5. These were the 08 March Axel Heiberg Island earthquake with magnitude  $M_T$  5.2 and the 30 June Baffin Island earthquake with magnitude  $m_N$  5.2. The Axel Heiberg Island earthquake was accompanied by significant aftershock activity; a total of 34 earthquakes ( $M_T > 2.8$ ) were detected in the same general epicentral area. The Baffin Island earthquake occurred only six minutes before a  $M_S$  5.9 earthquake in Yellowstone Park, Wyoming. The resulting confused seismogram traces at many stations caused the Baffin Island earthquake to be omitted from the NEIS monthly lists. However, enough readings were available from Canadian stations to unambiguously identify this earthquake and determine its location and magnitude. The Baffin Island and Beaufort Sea earthquakes had few or no associated fore shocks or aftershocks detected.

One earthquake was reported felt in the Northern Region. This was the 03 June Prince Patrick Island earthquake with magnitude  $m_N$  4.0. This event was located within 20 km of MBC and was felt by residents of the small community of Mould Bay, N.W.T. No damage was reported.

Fig. 8 shows the distance distribution of events reported by the four stations, INK, MBC, RES and WHC, in the Northern Region which recorded the most unlocated events. Also shown are the distribution of located events for which the station is the closest station, and unlocated events occurring as swarms or aftershock sequences.

The INK and WHC histograms are quite similar as both show almost no activity within 100 km of the station and a peak in activity between 150 and 200 km. For INK this peak represents the area of high seismic activity in the northeastern Yukon and for WHC the area of high seismicity in southeastern Alaska (Fig. 7a). The MBC and

RES histograms are also quite similar. Both show a peak at distances 0-50 km as well as evidence of swarm activity in the same range. The extreme peak at near distances for MBC is dominated by the swarm activity prevalent at this station. The secondary peak at MBC between 300-350 km represents the area of higher seismic activity northeast of Melville Island to which MBC is the closest station (340-350 km). Eleven events were located in this area (Fig. 7a).

### 3. Western Region

The Western Region lies west of  $113^{\circ}\text{N}$  and includes Canada and Alaska east of  $145^{\circ}\text{W}$  and south of  $60^{\circ}\text{N}$ , Montana, Idaho and Washington States north of  $48^{\circ}\text{N}$ , and the Puget Sound area of Washington State north of  $47^{\circ}\text{N}$  between  $121^{\circ}\text{W}$  and  $125^{\circ}\text{W}$  (Fig.1). Table 3 lists 137 events in the Western Region, 91 in Canada or adjacent waters (3A), 42 in or near the northwestern U.S. (3B) and four in or near southeastern Alaska (3C). However, this catalogue is not intended to be a complete listing of seismic activity in these areas of the U.S. For information on seismic activity in Washington the reader should contact the University of Washington at Seattle and in southeastern Alaska or Montana, the NEIS at Boulder, Colorado. Those events in the U.S. portion of the Western Region that are listed by NEIS or are close enough to Canada to be recorded on Canadian seismograph stations are included here. In the area of southwestern B.C. including the Gulf Islands (B.C.) and the San Juan Islands (Wash.), the true epicentres of some events listed in the Canadian section of Table 3 may be in the U.S. and vice versa. Some of the unlocated events identified at HYC, PIB, PNT and VIC may also originate in the U.S. The distribution of seismic activity in the Western Region is shown in Fig. 9 which also shows the permanent Canadian seismograph stations, earthquakes in adjacent areas of the Northern Region and location of any felt reports.

The largest earthquake in the Western Region was the 31 March Vancouver Island earthquake which had a magnitude of  $m_b$  5.3. The distribution of felt reports for this event is shown in Fig. 10. Preliminary data suggest that this earthquake was the result of strike slip faulting on a near vertical plane trending either northwest or northeast (G.C. Rogers, pers. comm.). Details of eight other felt earthquakes in the Western Region are presented in Table 3 with the description of the appropriate event and summarized in Table B. Distribution of



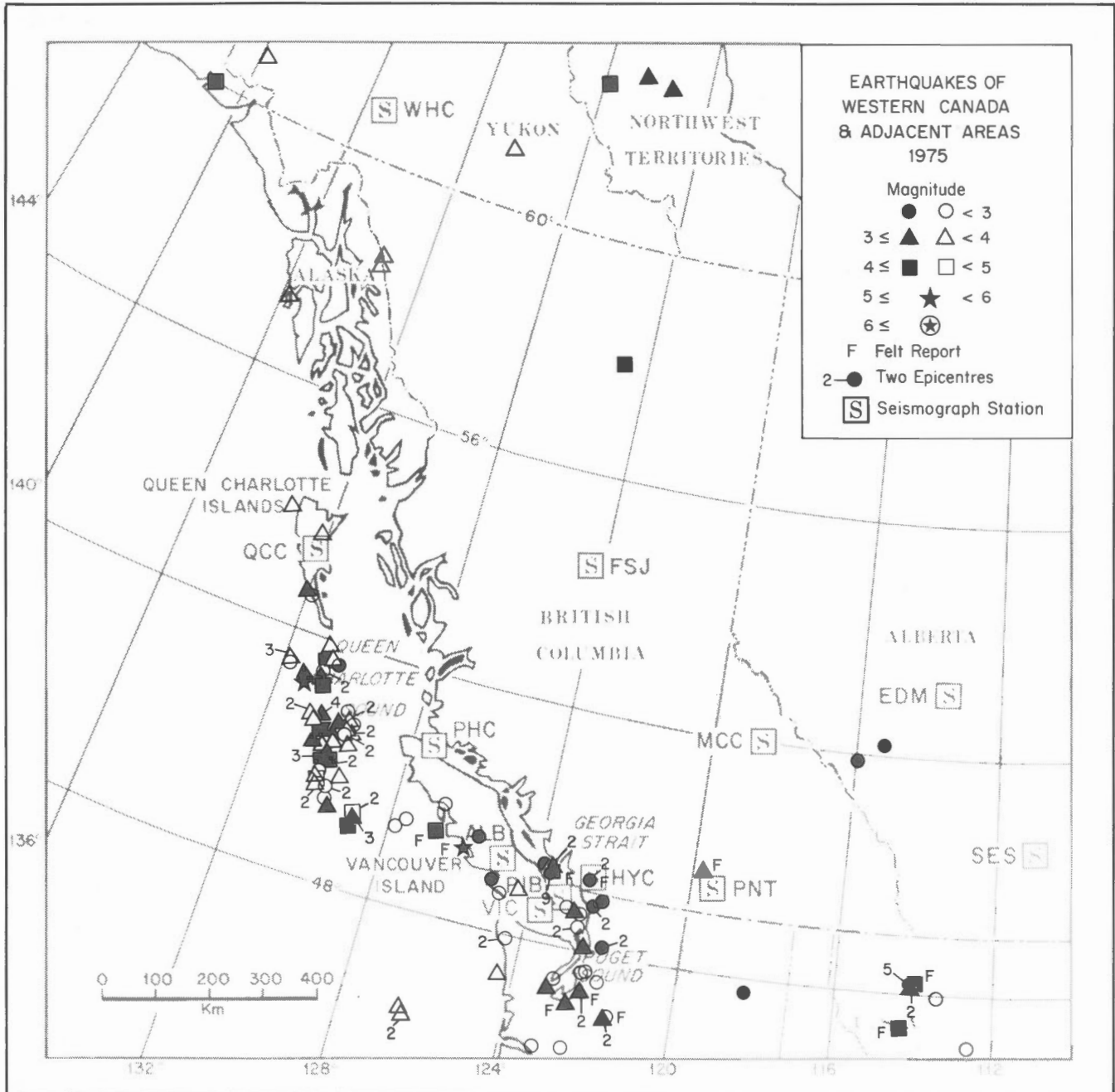


Figure 9. Earthquakes of Western Canada and adjacent areas - 1975.

Figure 10. Observed intensities from the Vancouver Island earthquake of 31 March, 1975.

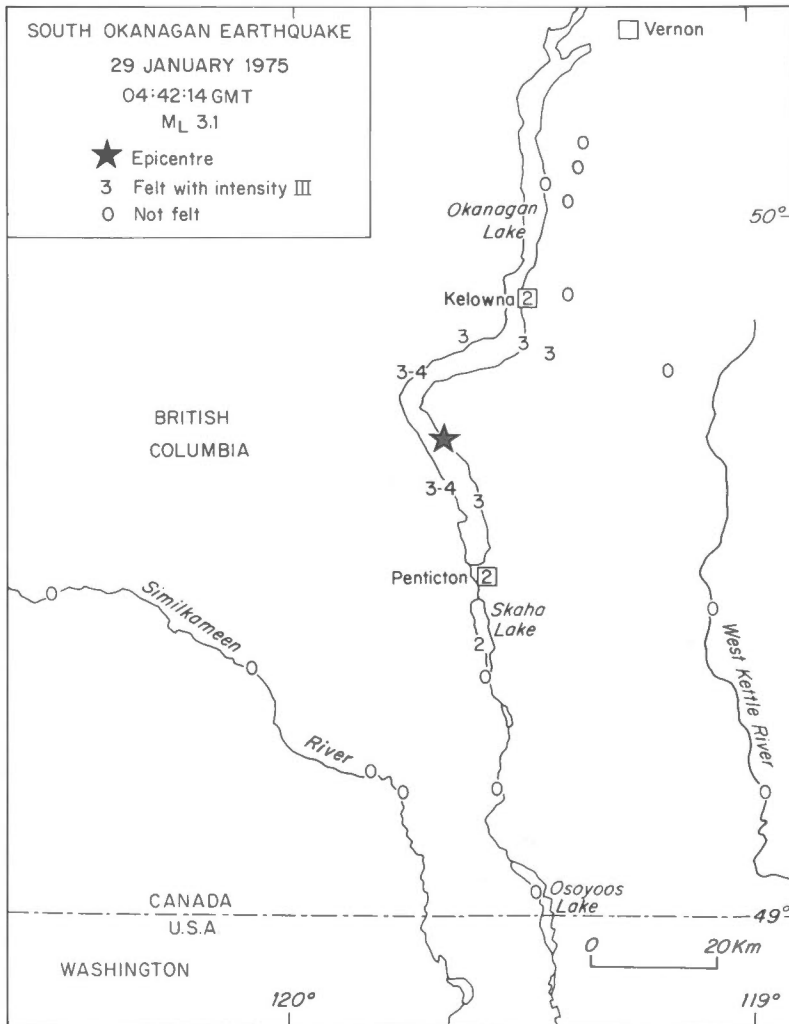
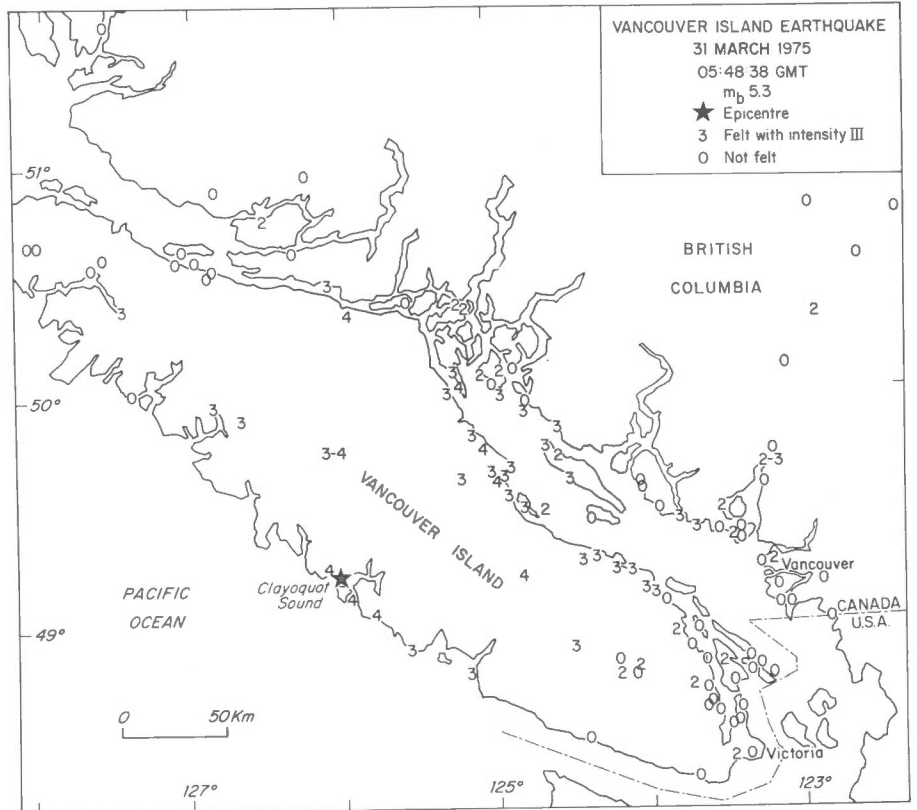


Figure 11. Observed intensities from the South Okanagan earthquake of 29 January, 1975.

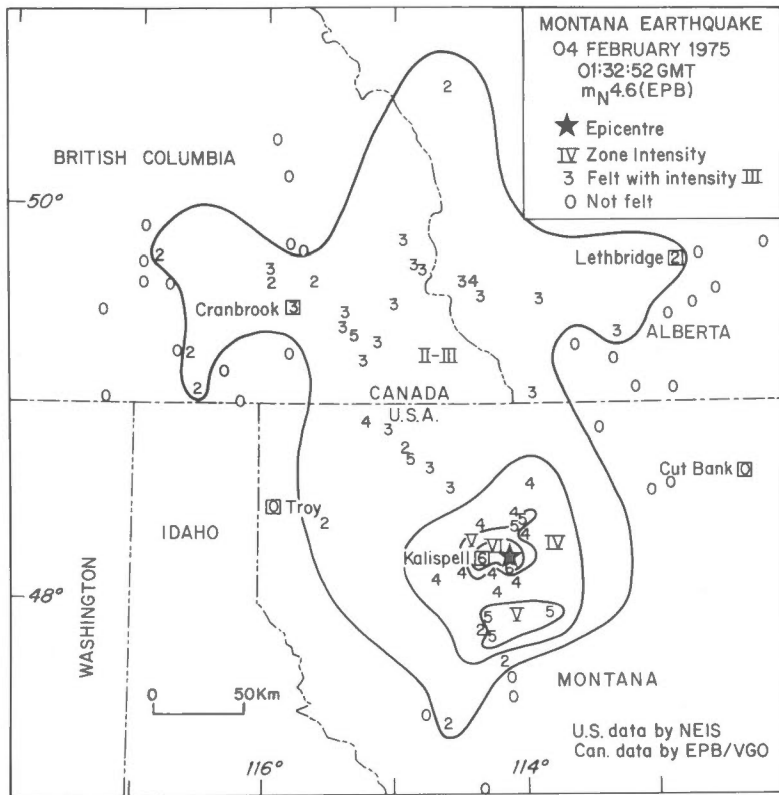
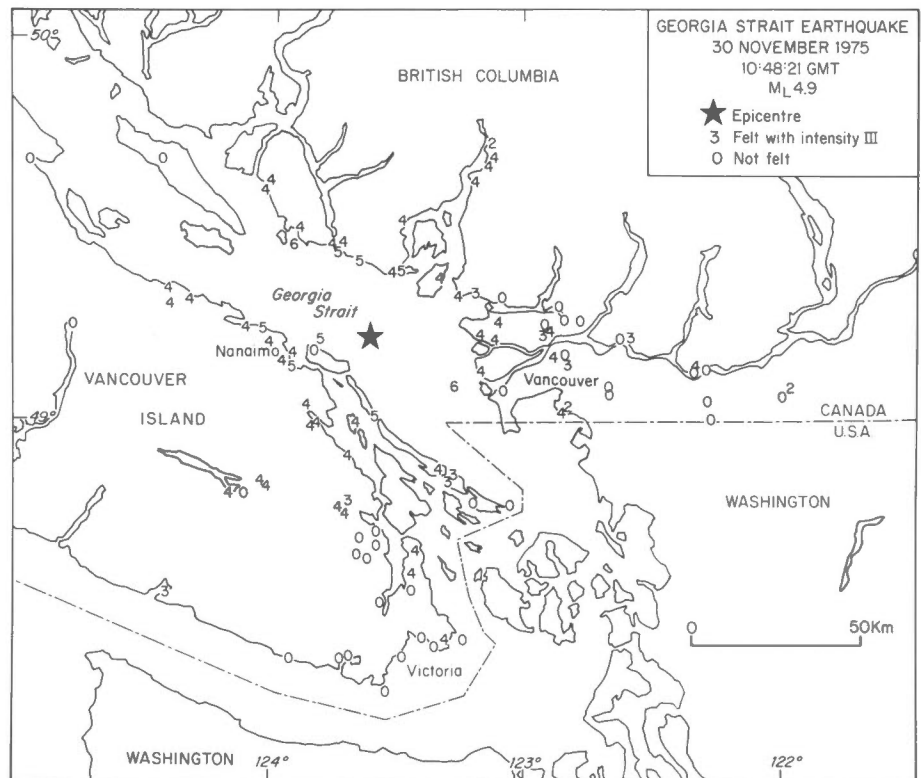


Figure 12. Observed intensities and isoseismals from the Montana earthquake of 04 February, 1975.

Figure 13. Observed intensities from the Georgia Strait earthquake of 30 November, 1975.



felt reports are shown for three of these events, the 29 January South Okanagan earthquake (Fig. 11) the 04 February Montana earthquake (Fig. 12) and the 30 November Georgia Strait earthquake (Fig. 13). Preliminary data for this last event suggest that it was the result of thrust faulting on an east-west trending plane (G.C. Rogers, pers. comm.).

Intensity data in western Canada have been analysed by G.C. Rogers of the Victoria Geophysical Observatory of EPB and that in the northern U.S. by the NEIS.

Fig. 8 shows the distance distribution of events from the three stations, PHC, QCC and VIC, in the Western Region which recorded the most unlocated events. Located events, for which the station is the closest station, and unlocated events occurring as swarms or aftershock sequences are also shown in Fig. 8. The high seismic activity west of Vancouver Island and south of the Queen Charlotte Islands shows up in the PHC and QCC histograms as peaks between 150 and 250 km. QCC shows a significant number (25) of unlocated events at distances less than 100 km representing seismic activity on the Queen Charlotte Islands themselves, while PHC shows a much smaller number (8) of events at distances less than 100 km representing the relative stability of the area around the northern end of Vancouver Island.

The majority of events indicated at VIC probably occurred in Washington State. The detection threshold of the Canadian Network was markedly lowered in southwestern B.C. and northwestern Washington in September with the opening of HYC, ALB and in November of PIB. Many events which prior to September could not have been located, and would only have been included in this catalogue as unlocated events at VIC, have, since September, been included as located events in Table 3. Note also that VIC was not the closest station to the 30 November Georgia Strait earthquake and its many aftershocks so that this seismic activity at distance of about 80 km is not represented on the VIC histogram.

#### 4. Central Region

The Central Region lies north of 49°N and south of 60°N between 85°W and includes Manitoba, Saskatchewan and parts of Alberta and Ontario. Table 4 list seven earthquakes, one in Canada (4A) and six in the U.S. south of the Central Region (4B). The distribution of these earthquakes is shown in Fig.14 as well as permanent Canadian seismograph stations, earthquakes in adjacent

areas of the Western Region and location of any felt reports.

The 09 July Minnesota earthquake with magnitude  $m_b$  4.6 caused minor damage and was felt widely in the north-central U.S. The tremor was not, however, reported felt in Canada. Three earthquakes in Montana (18 July 15:06, 18 July 18:39 and 19 July 12:00) were felt locally but no damage was reported.

#### Acknowledgements

We gratefully acknowledge the co-operation of Rev. M. Buist, S.J. Collège Jean-de-Brébeuf, in supplying seismograms from the Montreal Station on a routine basis. We also thank the Physics Department, University of Alberta, for loaning the records of the Edmonton Observatory. G.C. Rogers of the Victoria Geophysical Observatory, supplied data on felt earthquakes in Western Canada and several smaller events near Victoria. Dr. R.M. Ellis of University of British Columbia supplied data on events near Mica Creek. R. Schnerk of Lamont-Doherty Geological Observatory, Dr. E. Chiburis of the University of Connecticut and J. Johnson of Western Observatory supplied data on smaller events in the northeastern U.S. Dr. E. Hjortenbergh of the Danish Geodetic Institute supplied phase readings from seismographs in Greenland. Dr. C. Stover of NEIS supplied data on felt events in the northern U.S.

P.W. Basham, A.E. Stevens, G. Leblanc, R.B. Horner and F.M. Anglin assisted in reading records for this catalogue.

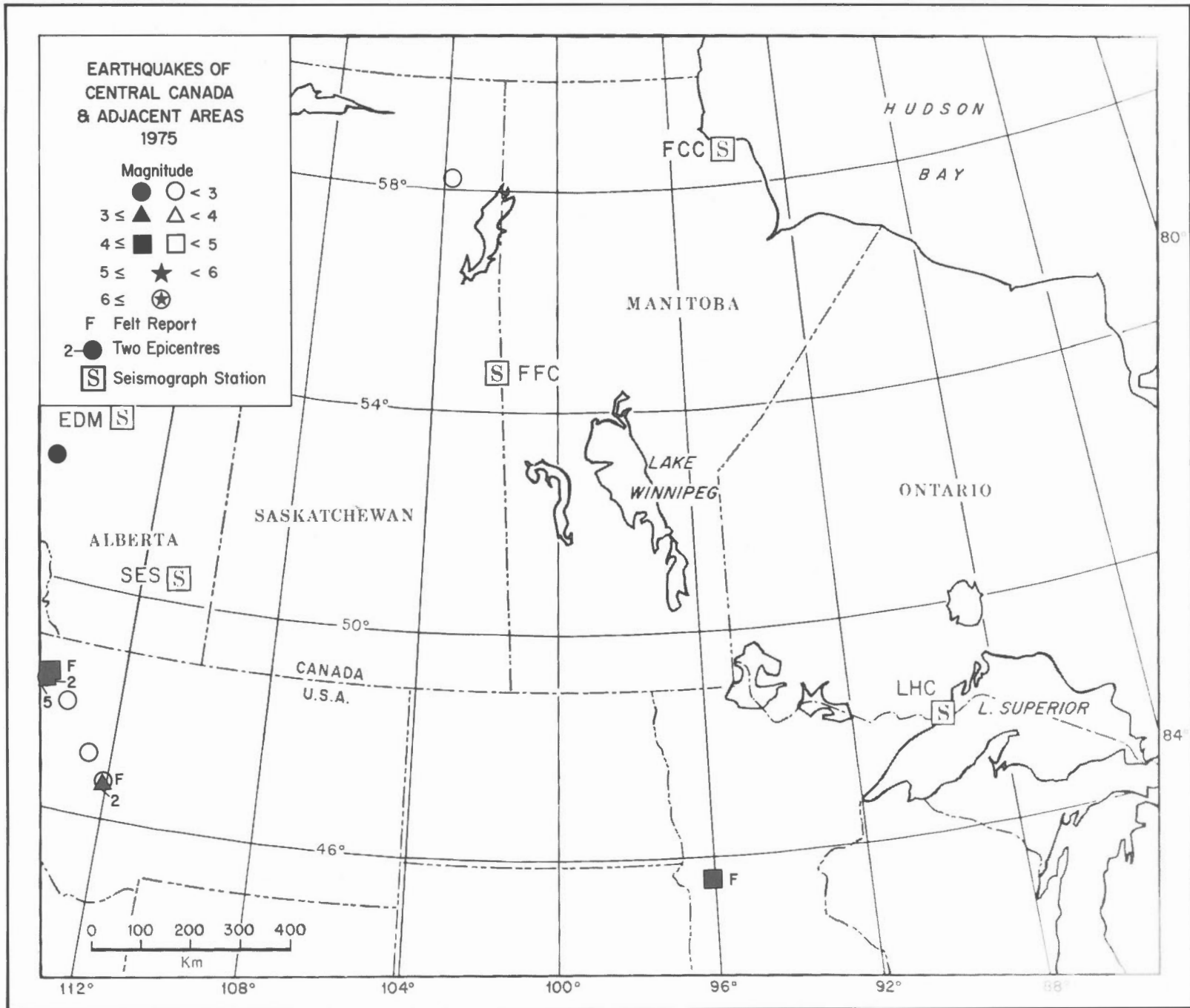


Figure 14. Earthquakes of Central Canada and adjacent areas - 1975.

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- Stevens, A.E., W.G. Milne, R.J. Wetmiller and G. Leblanc, 1973. Canadian earthquakes - 1967. Seism. Ser. Earth Physics Br., No. 65, 65 p.
- Wetmiller, R.J., 1975. Canadian earthquakes - 1973. Seism. Ser. Earth Physics Br. No. 72, 51 p.

## APPENDIX 1

### CATALOGUES OF CANADIAN EARTHQUAKES TO 1975

The list below, which contains all published Canadian earthquake catalogues to the end of 1975, summarizes the sources of basic epicentral data for Canadian earthquakes. The list does not include reports on individual large earthquakes, special studies of certain earthquake sequences, analyses of seismicity patterns and the like. References to many of these reports will be found in the bibliographies of individual catalogues.

The catalogues are listed chronologically by year and region as indicated by the headings. Revisions to published epicentres are normally published in later catalogues.

#### Eastern Canada 1534-1959

1534-1927; Smith, W.E.T. 1962 (reprinted 1972). Earthquakes of Eastern Canada and adjacent areas 1534-1927. Pub. Dom. Obs. Ottawa, 26, 271-301.

1928-1959; Smith, W.E.T. 1966 (reprinted 1969). Earthquakes of Eastern Canada and adjacent areas 1929-1959. Pub. Dom. Obs. Ottawa, 32, 87-121.

#### Western Canada 1841-1959

1841-1951; \*Milne, W.C. 1956 (reprinted 1963). Seismic activity in Canada, west of the 113th meridian 1841-1951. Pub. Dom. Obs. Ottawa, 18, 119-146.

1951; Milne, W.G. and F. Lombardo. 1953 (reprinted 1967). Canadian west coast earthquakes, 1951. Pub. Dom. Obs. Ottawa, 16, 81-89.

1952; Milne, W.G. 1953 (reprinted 1967). Canadian west coast earthquakes, 1952. Pub. Dom. Obs. Ottawa, 16, 313-325.

1953; \*Milne, W.G. 1955 (reprinted 1967). Canadian west coast earthquakes, 1953. Pub. Dom. Obs. Ottawa, 16, 393-401.

1954; \*Milne, W.G. 1955 (reprinted 1967). Canadian west coast earthquakes, 1954. Pub. Dom. Obs. Ottawa, 18, 47-58.

1955; \*Milne, W.G. and K.A. Lucas, 1961. Seismic activity in Western Canada 1955 to 1959 inclusive. Pub. Dom. Obs. Ottawa, 26, 3-23.

#### Arctic Canada 1899-1959

1899-1955; Meidler, S.S. 1962. Seismic activity in the Canadian Arctic 1899-1955. Seism. Ser. Dom. Obs. 1961-3, 9 p.

1956-1959; Smith, W.E.T. 1961. Earthquakes of the Canadian Arctic 1956-1959. Seism. Ser. Dom. Obs. 1961-2, 9 p.

#### Canadian Earthquakes 1960-1975

1960; Milne, W.G. and W.E.T. Smith 1961 (reprinted 1964 and 1973). Canadian earthquakes - 1960. Seism. Ser. Dom. Obs. 1960-2, 23 p.

\*Additions and alterations to events in these catalogues are included in:  
Milne, W.G. 1963. Seismicity of Western Canada. Bol. Bibl. Geof. y Ocean. Amer. 3, 17-40 (Contrib. Dom. Obs., Vol. 5, No. 13).

- 1961; Milne, W.G. and W.E.T. Smith 1962. Canadian earthquakes - 1961. Seism. Ser. Dom. Obs. 1961-4, 24 p.
- 1962; Milne, W.G. and W.E.T. Smith 1963. Canadian earthquakes - 1962. Seism. Ser. Dom. Obs. 1962-3, 22 p.
- 1963; Milne, W.G. and W.E.T. Smith 1966. Canadian earthquakes - 1963. Seism. Ser. Dom. Obs. 1963-4, 30 p.
- 1964; Smith, W.E.T. and W.G. Milne 1969. Canadian earthquakes - 1964. Seism. Ser. Dom. Obs. 1964-2, 28 p.
- 1965; Smith, W.E.T. and W.G. Milne 1970. Canadian earthquakes - 1965. Seism. Ser. Dom. Obs. 1965-2, 38 p.
- 1966; Stevens, A.E., W.G. Milne, R.J. Wetmiller and R.B. Horner 1972. Canadian earthquakes - 1966. Seism. Ser. Earth Physics Br. No. 62, 55 p.
- 1967; Stevens, A.E., W.G. Milne, R.J. Wetmiller and G. Leblanc 1973. Canadian earthquakes - 1967. Seism. Ser. Earth Physics Br. No. 65, 65 p.
- 1968; Stevens, A.E., W.G. Milne, R.B. Horner, R.J. Wetmiller, G. Leblanc and G.A. McMechan 1976. Canadian earthquakes - 1968. Seism. Ser. Earth Physics Br. No. 71, 39 p.
- 1969; Horner, R.B., W.G. Milne and G.A. McMechan 1974. Canadian Earthquakes - 1969. Seism. Ser. Earth Physics Br., No. 67, 44 p.
- 1970; Horner, R.B., W.G. Milne and G.A. McMechan 1975. Canadian Earthquakes - 1970. Seism. Ser. Earth Physics Br., No. 69, 43 p.
- 1971; Horner, R.B., W.G. Milne and G.A. McMechan 1976. Canadian Earthquakes - 1971. Seism. Ser. Earth Physics Br., No. 74, 45 p.
- 1972; Basham, P.W., R.B. Horner, R.J. Wetmiller, A.E. Stevens and G. Leblanc 1977. Canadian Earthquakes - 1972. Seism. Physics Br., No. 76, 48 p.
- 1973; Wetmiller, R.J. 1976. Canadian Earthquakes - 1973. Seism. Ser. Earth Physics Br., No. 72, 51 p.
- 1974; Wetmiller, R.J. 1976. Canadian Earthquakes - 1974. Seism. Ser. Earth Physics Br., No. 73, 62 p.

#### CANADIAN EPICENTRES FILE

Information on earthquakes in or near Canada, including most of the data in the published catalogues listed above is now available in a digital computer file which is updated with the publication of each succeeding Catalogue of Canadian Earthquakes. Data from the file or a copy of the entire file are available for a nominal charge and requests should be directed to the Division of Seismology and Geothermal Studies, Earth Physics Branch, Department of Energy, Mines and Resources, Ottawa, K1A 0Y3, specifying the data and format required. Special searches and/or reformatting of the data on the file can be done for an additional fee.



TABLE 1  
EASTERN CANADA AND ADJACENT AREAS  
1975

(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG
1A. CANADIAN EARTHQUAKES								
JAN 17	00 10 39.(1)	44.91 N(0.03)	66.91 W(0.03)	1.4	MN=3.1( )	9	20	1 F
	BAY OF FUNDY, NEAR GRAND MANAN ISLAND, N.B. FELT(IV) ON GRAND MANAN ISLAND 120 KM S FROM UNB DEPTH = 10. KM(GEOPHYSICIST)							
FEB 12	21 28 50.(1)	47.34 N(0.06)	70.03 W(0.09)	0.3	ML=1.7(0.2)	3	5	2 O
	SOUTHERN SHORE OF LOWER ST. LAWRENCE RIVER NEAR LA POCATIERE, P.Q. 3 KM S FROM FOC DEPTH = 5. KM(GEOPHYSICIST)							
FEB 13	10 32 53.(0)	46.32 N(0.05)	72.74 W(0.04)	1.0	ML=2.5(0.3)	6	11	6 F
	ST. LAWRENCE RIVER VALLEY, NEAR TROIS RIVIERES, P.Q. FELT MILDLY CLOSE TO THE EPICENTRE 110 KM NE FROM MNT							
FEB 28	18 40 21.(1)	46.39 N(0.02)	66.01 W(0.04)	1.5	ML=2.9(0.4)	12	23	5 F
	CENTRAL NEW BRUNSWICK, NEAR BETTSBURG 70 KM NE FROM UNB							
MAR 11	10 05 09.(0)	45.79 N(0.04)	74.61 W(0.02)	0.6	ML=2.1(0.3)	4	6	4 O
	SOUTHWESTERN QUEBEC, NEAR CALUMET 80 KM NW FROM MNT DEPTH = 10. KM(GEOPHYSICIST)							
MAR 23	15 13 35.(1)	47.83 N(0.08)	55.24 W(0.06)	1.9	MN=3.2(0.4)	3	8	2 O
	SOUTHERN NEWFOUNDLAND COAST, NEAR FORTUNE BAY FELT(III-IV) AT POOLS COVE AND RENCONTRE EAST (DURATION ESTIMATED AS 8 SEC, BOAT SHIFTED ON CRADLE, SOME DISHES FELL) 190 KM W FROM STJ							
MAR 31	17 08 02.(1)	44.70 N(0.06)	56.22 W(0.05)	1.2	ML=4.6(0.4)	10	19	7 F
	ATLANTIC OCEAN, SOUTH OF NEWFOUNDLAND 420 KM SW FROM STJ							
APR 3	19 03 17.(0)	45.73 N(0.02)	74.24 W(0.03)	1.7	MN=3.1(0.2)	20	28	5 F
	SOUTHWESTERN QUEBEC, NEAR ST. JEROME FELT(III-IV) IN STE. AGATHE, ST. JEROME, ST. PHILLIFE AND LACHUTE FELT AND HEARD IN STE. ADELE FREE DEPTH ESTIMATE GOES NEGATIVE 50 KM NW FROM MNT DEPTH = 5. KM(GEOPHYSICIST)							
MAY 24	21 20 12.(1)	47.29 N(0.04)	75.30 W(0.05)	2.2	ML=2.7(0.2)	10	12	6 F
	SOUTHWESTERN QUEBEC, NEAR MITCHENAMECUS RESERVOIR INVESTIGATION FOR A POSSIBLE PLAST SOURCE OF THIS AND FOLLOWING EVENT PROVED NEGATIVE.							
MAY 29	21 19 16.(1)	47.23 N(0.07)	75.19 W(0.05)	1.4	ML=3.2(0.3)	6	10	6 F
	SOUTHWESTERN QUEBEC, NEAR MITCHENAMECUS RESERVOIR 110 KM NE FROM MIQ							

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
JUN 1	22 00 12.(1)	45.86 N(0.04)	74.97 W(0.04)	1.2	ML=1.5(0.0)	8 11 2 F
SOUTHWESTERN QUEBEC, 20 KM NORTHEAST OF THURSO FELT MILDLY IN CHENEVILLE, P.Q. A SMALL LANDSLIDE OCCURRED NEAR THURSO AT ABOUT THE TIME OF THIS EVENT. AN EPB INVESTIGATION CONCLUDED THAT THE LANDSLIDE AND EARTHQUAKE WERE UNRELATED EVENTS. THE LANDSLIDE APPEARS TO HAVE OCCURRED A FEW MINUTES BEFORE THE EARTHQUAKE. 80 KM NE FROM CTT DEPTH = 5. KM(GEOPHYSICIST)						
JUN 11	05 16 58.(1)	47.75 N(0.06)	69.90 W(0.15)	1.3	ML=2.1(0.0)	4 6 2 0
OFF SOUTHERN SHORE OF LOWER ST. LAWRENCE RIVER NEAR RIVIERE OUELLE, P.Q. 45 KM N FROM POC DEPTH = 5. KM(GEOPHYSICIST)						
JUN 21	06 15 22.(2)	48.83 N(0.07)	71.10 W(0.30)	2.2	ML=2.3(0.2)	4 7 3 0
CENTRAL QUEBEC, NORTH OF CHICOUTIMI 180 KM NW FROM POC						
JUN 30	00 46 08.(3)	46.96 N(0.12)	76.87 W(0.17)	0.7	ML=2.4(0.1)	3 4 2 0
SOUTHWESTERN QUEBEC, SOUTH OF THE CABONGA RESERVOIR 100 KM NW FROM MIO DEPTH = 10. KM(GEOPHYSICIST)						
JUN 30	20 15 23.(1)	43.40 N(0.05)	79.77 W(0.08)	1.5	ML=3.0(0.3)	7 14 5 F
WESTERN SHORE OF LAKE ONTARIO, NEAR BRONTE, ONT. FELT(III) IN EAST BURLINGTON-WEST OAKVILLE AREA NEAR THE EPICENTRE. FELT AREA COMPRISES A FEW SQUARE MILES FROM APPELBY LINE TO BRONTE ROAD, ALONG THE LAKE SHORE. MANY CALLS WERE RECEIVED BY HAMILTON SPECTATOR AND LOCAL POLICE FORCES. IN SOME CASES IT APPEARS TO HAVE BEEN FELT STRONGLY. ONE POLICE OFFICER REPORTS THAT THE TREMOR WAS "20 TIMES STRONGER THAN NEARBY ROAD CONSTRUCTION BLASTS". MANY PEOPLE OUTSIDE FELT THE TREMOR. A LOUD NOISE LIKE A SONIC BOOM WAS REPORTED BY SOME. INVESTIGATION OF OBVIOUS SOURCES FOR AN EXPLOSION IN THE AREA, QUARRIES, REFINERIES ETC., HAS BEEN INCONCLUSIVE. NO DAMAGE REPORTED. NO FELT REPORTS FROM TORONTO OR SOUTHERN SHORE OF LAKE ONTARIO 390 KM SW FROM CTT DEPTH = 10. KM(GEOPHYSICIST)						
JUL 1	07 26 11.(0)	49.07 N(0.01)	67.40 W(0.02)	0.1	ML=2.6(0.1)	3 5 2 0
OFF SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER NEAR MATANE, P.Q. 140 KM S FROM SIC						
JUL 3	16 03 08.(0)	44.93 N(0.01)	75.21 W(0.01)	0.4	ML=1.8(0.1)	11 20 3 F
IN UPPER ST. LAWRENCE VALLEY ON BORDER WITH NEW YORK NEAR MORRISBURG, CNT. NOT REPORTED FELT 60 KM SE FROM CTT DEPTH = 14. KM( 6.)						
JUL 6	00 57 54.(0)	47.44 N(0.02)	70.19 W(0.05)	0.1	ML=1.9(0.0)	3 5 2 0
OFF SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER NEAR LA POCATIERE, P.Q. POC NOT OPERATING 15 KM NW FROM POC DEPTH = 10. KM(GEOPHYSICIST)						
JUL 12	06 07 17.(1)	45.21 N(0.03)	75.43 W(0.06)	0.4	ML=1.0(0.2)	5 8 4 F
SOUTHEASTERN ONTARIO, NEAR CRYSLER NOT REPORTED FELT FREE DEPTH ESTIMATE 30. KM( 5) 30 KM SE FROM CTT						

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
JUL 12	12 37 15.(0)	46.46 N(0.00)	76.22 W(0.00)	0.0	MB=4.2(0.0)	42 69 5 F
<p>SOUTHWESTERN QUEBEC, NEAR MANIWAKI  FELT(IV) IN SOUTHWESTERN QUEBEC, SOUTHEASTERN ONTARIO  AND NORTHERN NEW YORK STATE TO DISTANCES OF 350 KM.  NO DAMAGE REPORTED ALTHOUGH THE EARTHQUAKE DID COINCIDE  WITH A BRIEF POWER FAILURE IN THE MANIWAKI AREA.  THREE PORTABLE SEISMOGRAPHS WERE DEPLOYED BY EPR NEAR MANIWAKI  WITHIN 12 HOURS FOLLOWING THE MAIN SHOCK AND OVER THE  NEXT FOUR DAYS 14 SMALL AFTERSHOCKS WERE RECORDED  WITH MAGNITUDES IN THE RANGE ML 1 TO ML -2.  THE EPICENTRAL REGION FOR THESE AFTERSHOCKS APPEARS  TO BE 25 KM NW OF MIQ  FOR MORE INFORMATION SEE FORNER ET AL. (1977).  SEE FIG. 5 FOR ISOSEISMAL MAP.  MAG. 4.1 MN(.2) FROM 13 STATIONS (EPR)  20 KM NW FROM MIQ</p>						
JUL 15	01 58 33.(1)	47.57 N(0.04)	70.06 W(0.02)	0.2	ML=1.2(0.2)	3 4 3 0
<p>OFF SOUTHERN SHORE OF LOWER ST. LAWRENCE RIVER  NEAR LA POCATIERE, P.Q.  20 KM N FROM POC  DEPTH = 10. KM(GEOPHYSICIST)</p>						
JUL 16	10 22 22.(2)	47.45 N(0.12)	70.10 W(0.03)	0.4	ML=1.7( )	3 4 1 0
<p>OFF SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER  NEAR LA POCATIERE, P.Q.  FELT MILDLY IN RIVIERE QUELLE, P.Q.  10 KM N FROM POC  DEPTH = 10. KM(GEOPHYSICIST)</p>						
JUL 18	04 21 06.(1)	49.16 N(0.05)	66.81 W(0.13)	2.0	ML=3.1(0.4)	6 11 4 F
<p>OFF NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER  NEAR RIVE TRINITE, P.Q.  110 KM S FROM SIC</p>						
AUG 21	04 29 37.(0)	47.44 N(0.03)	70.18 W(0.03)	1.1	ML=3.1(0.4)	8 12 2 F
<p>OFF SOUTHERN SHORE OF LOWER ST. LAWRENCE RIVER  NEAR LA POCATIERE, P.Q.  NOT REPORTED FELT IN LA POCATIERE, LA MALBAIE OR LES  ESCULEMENTS  CHQ NOT OPERATING  15 KM NW FROM POC  DEPTH = 5. KM(GEOPHYSICIST)</p>						
AUG 21	21 42 51.(1)	48.16 N(0.03)	78.01 W(0.05)	2.5	MN=3.6(0.3)	14 33 4 F
<p>WESTERN QUEBEC, NEAR MALARCTIC  SOURCE OF EVENT CONFIRMED TO BE A ROCKBURST IN THE EAST  MALARCTIC MINE WITH MINOR DAMAGE AT THE 3800 FOOT LEVEL.  FELT(IV) IN MALARCTIC (MANY PEOPLE FRIGHTENED, WALLS CREAKED AND  CHANDELIERS SWUNG). A LOUD NOISE WAS HEARD TO DISTANCES OF 15 KM.  NOT HEARD OR FELT AT VAL D'OR ABOUT 25 KM TO THE EAST.  NOT PLOTTED</p>						
AUG 27	22 28 22.(0)	46.80 N(0.02)	65.34 W(0.04)	1.2	ML=3.0(0.4)	10 21 4 F
<p>EASTERN NEW BRUNSWICK, NEAR ST. MARGARETS  NOT REPORTED FELT  140 KM NE FROM UNB</p>						
SEP 2	06 21 17.(0)	48.29 N(0.02)	69.74 W(0.03)	1.4	MN=3.3(0.3)	15 28 4 F
<p>NORTHERN SHORE OF LOWER ST. LAWRENCE RIVER, NEAR  MOUTH OF SAGLENEY RIVER  NOT REPORTED FELT IN TADOUSSAC, P.Q.  110 KM N FROM POC  DEPTH = 2. KM( 4.)</p>						
SEP 19	08 25 50.(1)	45.14 N(0.03)	73.82 W(0.05)	1.2	ML=2.2(0.2)	6 9 2 F
<p>SOUTHERN QUEBEC, SOUTH OF THE ST. LAWRENCE RIVER  NEAR ST. CHRYSOSTOME  45 KM S FROM MNT</p>						

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG	
OCT 6	22 21 41.(1)	44.71 N(0.04)	57.07 W(0.04)	1.2		17 28 8	F
NEIS	22 21 41.(0)	44.52 N( 3KM)	56.84 W( 2KM)	1.1	MB=5.2	87 87 20	
	ATLANTIC OCEAN, SOUTH OF NEWFOUNDLAND ONE AFTERSHOCK RECORDED AT STJ AND HAL MAG. 5.7 ML(0.2) FROM 8 STATIONS (EPB) MAG. 4.3 MS(.2) FROM 5 STATIONS (EPB) 460 KM SW FROM STJ						
OCT 12	07 42 09.(0)	49.84 N(0.00)	68.62 W(0.00)	0.0	MN=2.6(0.0)	7 10 4	F
	EASTERN QUEBEC, ON THE MANICOUAGAN RIVER NORTH OF BAIE COMEAU 80 KM S FROM MNO						
OCT 12	08 37 39.(1)	46.04 N(0.04)	74.95 W(0.04)	1.1	ML=1.9(0.1)	6 12 3	F
	SOUTHWESTERN QUEBEC, NEAR LAC REMI 90 KM NE FROM CTT						
OCT 13	09 17 49.(0)	45.09 N(0.02)	65.92 W(0.02)	0.9	MN=2.7(0.0)	11 22 2	F
	IN THE BAY OF FUNDY, SOUTHEAST OF SAINT JOHN, N.B. FELT MILDLY IN SAINT JOHN 110 KM SE FROM UNB						
OCT 15	03 26 17.(0)	45.11 N(0.04)	65.89 W(0.03)	1.4	MN=3.1(0.1)	10 21 3	F
	IN THE BAY OF FUNDY, SOUTHEAST OF SAINT JOHN, N.B. FELT MILDLY IN SAINT JOHN (MANY CALLS FROM DIFFERENT PARTS OF THE CITY). LOUD NOISE REPORTED, NO DAMAGE 110 KM SE FROM UNB						
OCT 16	04 41 02.(2)	46.04 N(0.07)	74.65 W(0.12)	1.2	ML=1.8(0.2)	3 6 2	F
	SOUTHWESTERN QUEBEC, NEAR LAC REMI POSSIBLE AFTERSHOCK AT 04 44 AT MIO 100 KM NW FROM MNT						
OCT 21	04 25 11.(2)	45.70 N(0.03)	77.33 W(0.10)	1.1	ML=2.1( )	5 7 1	0
	SOUTHEASTERN ONTARIO, NEAR GOLDEN LAKE UNUSUAL RECORD AT MIO 130 KM SW FROM MIO						
OCT 21	04 30 27.(0)	45.70 N(0.00)	77.53 W(0.00)	0.0	ML=2.1( )	2 3 1	0
	SOUTHEASTERN ONTARIO, NEAR GOLDEN LAKE UNUSUAL RECORD AT MIO 140 KM SW FROM MIO						
OCT 21	20 50 02.(1)	49.13 N(0.03)	68.13 W(0.08)	1.9	MN=3.1(0.2)	12 16 3	F
	LOWER ST. LAWRENCE RIVER, OFF BAIE COMEAU, P.Q. SIC HAS NO TIME CONTROL FOR THIS EVENT 150 KM SW FROM SIC						
OCT 23	21 17 46.(0)	49.84 N(0.00)	68.62 W(0.00)	0.0	MN=4.1(0.0)	29 41 17	F
	EASTERN QUEBEC, ON THE MANICOUAGAN RIVER NORTH OF BAIE COMEAU FELT SHARPLY IN THE IMMEDIATE EPICENTRAL AREA. THIS IS THE LARGEST OF A SERIES OF EARTHQUAKES INDUCED BY THE FILLING OF THE RESERVOIR FOR THE MANIC-3 HYDROELECTRIC DAM. FILLING OF THE RESERVOIR COMMENCED IN EARLY AUGUST, 1975 AND WAS COMPLETED IN DECEMBER, 1975. ASSOCIATED SEISMIC ACTIVITY FIRST APPEARED IN MID SEPTEMBER, PEAKED IN MID TO LATE OCTOBER AND THEREAFTER DECLINED TO THE LEVEL OF A FEW SMALL EVENTS PER WEEK WHICH CONTINUED INTO THE LATER PART OF 1976. OVER ONE THOUSAND SMALLER EARTHQUAKES WERE DETECTED IN THE EPICENTRAL AREA OF THIS EVENT. THE EPICENTRE GIVEN IS AN AVERAGE VALUE FOR THE AFTERSHOCKS RECORDED ON A PORTABLE NETWORK DEPLOYED BY EPB. FOCAL DEPTHS WERE GENERALLY LESS THAN 2 KM. SEE LEBLANC (1977). MAG. 4.5 ML(.2) FROM 3 STATIONS (EPB) 80 KM S FROM MNO						

DATE 1975	H-TIME (GMT)			LATITUDE	LONGITUDE	RMS SEC	MAGNITUDE	NO. OF DATA			
	HR	MN	SEC	DEG	DEG			STN	PHA	MAG	
NOV 2	14	56	31.(2)	46.46 N(0.11)	76.73 W(0.12)	1.5	ML=2.5(0.5)	6	8	2	0
	SOUTHWESTERN QUEBEC, NEAR MANIWAKI 30 KM W FROM MIO										
NOV 4	03	10	35.(0)	47.06 N(0.02)	74.61 W(0.01)	0.2	ML=2.4(0.2)	3	6	3	0
	SOUTHWESTERN QUEBEC, SOUTHWEST OF MANOUANE 130 KM NE FROM MIO										
NOV 6	13	44	20.(2)	45.25 N(0.05)	60.76 W(0.14)	1.1	MN=2.9( )	3	6	1	0
	ATLANTIC OCEAN, OFF CANSO, N.S. 230 KM E FROM HAL										
NOV 12	06	57	10.(0)	46.07 N(0.01)	76.26 W(0.04)	0.3	ML=2.2(0.3)	3	5	2	0
	SOUTHWESTERN QUEBEC, BETWEEN GRACEFIELD AND LAC DUMONT 40 KM SW FROM MIO										
NOV 16	12	03	02.(1)	47.37 N(0.04)	70.52 W(0.05)	2.1	MN=2.6( )	9	15	1	F
	LOWER ST. LAWRENCE RIVER, OFF RAIE-ST.-PAUL, P.O. FREE DEPTH ESTIMATE GOES NEGATIVE 35 KM W FROM FOC DEPTH = 10. KM(GEOPHYSICIST)										
NOV 24	01	34	22.(2)	46.82 N(0.06)	76.26 W(0.07)	0.4	ML=2.2(0.1)	3	4	3	0
	SOUTHWESTERN QUEBEC, NORTHWEST OF MANIWAKI ONE AFTERSHOCK AT MIO 60 KM NW FROM MIO										
NOV 24	08	30	05.(0)	45.76 N(0.02)	74.86 W(0.02)	0.7	ML=1.5(0.3)	8	14	2	F
	SOUTHWESTERN QUEBEC, IN THE OTTAWA VALLEY NEAR KILMAR FREE DEPTH ESTIMATE 27 KM(11) 80 KM NE FROM CTT										
NOV 25	23	29	14.(0)	47.62 N(0.02)	70.09 W(0.03)	1.2	ML=2.9(0.2)	12	20	6	F
	LOWER ST. LAWRENCE RIVER, OFF LA MALBAIE, P.O. FELT STRONGLY AT LA MALBAIE ON ALLUVIUM, WEAKLY ON ROCK, ALSO FELT WEAKLY AT LES EBOULEMENTS AND RIVIERE OUELLE. 3( KM N FROM FOC DEPTH = 9. KM( 4.)										
NOV 26	01	55	35.(0)	47.67 N(0.02)	70.07 W(0.03)	1.0	ML=2.6(0.3)	11	17	7	F
	LOWER ST. LAWRENCE RIVER, OFF LA MALBAIE, P.O. FELT IN LA MALBAIE AREA SIMILAR TO PREVIOUS TREMOR 35 KM N FROM FOC DEPTH = 9. KM( 4.)										
DEC 11	16	48	38.(1)	47.59 N(0.09)	69.77 W(0.03)	0.8	ML=1.7( )	4	7	1	0
	LOWER ST. LAWRENCE RIVER, OFF RIVIERE DU LOUP, P.O. FOC NOT OPERATING, RECORD CHANGE 30 KM NE FROM FOC DEPTH = 10. KM(GEOPHYSICIST)										
DEC 13	09	24	27.(1)	57.94 N(0.04)	52.25 W(0.08)	1.1	ML=4.5(0.7)	7	10	3	F
NEIS	09	24	28.(1)	58.05 N(11KM)	51.99 W(12KM)	0.9	MN=4.3	14	14	7	
	LABRADOR SEA, OFF SOUTHWESTERN COAST OF GREENLAND 960 KM E FROM SCH										
DEC 19	15	25	11.(1)	47.01 N(0.04)	78.84 W(0.04)	2.0	MN=3.8(0.3)	16	31	9	F
	SOUTHWESTERN QUEBEC, 30 KM NORTHEAST OF TEMISCAMING FELT(III) IN TEMISCAMING, KIPAWA VILLIAGE AND SPOT 20 MILES EAST OF KIPAWA VILLIAGE. (DISHES AND WINDOWS RATTLED, MUFFLED RUMBLE HEARD) NOT REPORTED FELT AT WEATHER STATIONS IN NORTH BAY, TIMMINS, VAL D'OR, SUDBURY, PETAWAWA AND EARLTON. 170 KM E FROM SUD										

DATE	H-TIME (GMT)	LATITUDE	LONGITUDE	RMS	MAGNITUDE	NO. OF DATA		
1975	HR MN SEC	DEG	DEG	SEC		STN	PHA	MAG
DEC 19	18 24 08.( )	49.84 N( )	68.62 W( )		ML=1.9( )	1		F
	EASTERN QUEBEC, ON THE MANICOUAGAN RIVER NORTH OF BAIE COMEAU DEPTH = 3. KM(GEOPHYSICIST)							
DEC 22	09 18 15.(1)	45.99 N(0.04)	74.35 W(0.04)	0.9	ML=1.9(0.3)	7	13	2 F
	SOUTHWESTERN QUEBEC, NEAR STE. AGATHE 80 KM NW FROM MNT							

1B. U.S. EARTHQUAKES

JAN 4	20 40 03.(2)	44.80 N(0.10)	74.48 W(0.04)	1.7	ML=2.2(0.4)	8	17	5 F
LDO	20 40 05.	44.89 N	74.55 W	0.5	MN=2.8			
	NORTHERN NEW YORK STATE, IN ST. LAWRENCE VALLEY BETWEEN MALONE, N.Y. AND CORNWALL, CNT. NOT REPORTED FELT 100 KM SW FROM MNT LDO CALCULATES A DEPTH OF 0 KM DEPTH = 10. KM(GEOPHYSICIST)							
JAN 4	20 44 05.(1)	44.76 N(0.07)	74.49 W(0.03)	1.1	ML=2.2(0.4)	6	13	5 F
LDO	20 44 08.	44.89 N	74.55 W	0.3	MN=2.7			
	NORTHERN NEW YORK STATE, IN ST. LAWRENCE VALLEY CLOSE TO BORDER WITH CANADA BETWEEN MALONE, N.Y. AND CORNWALL, CNT. NOT REPORTED FELT 110 KM SW FROM MNT LDO CALCULATES A DEPTH OF 4.5 KM DEPTH = 10. KM(GEOPHYSICIST)							
JAN 15	19 16 31.(0)	44.93 N(0.02)	74.55 W(0.02)	0.8	ML=2.2(0.5)	10	18	5 F
LDO	19 16 32	44.90 N	74.56 W	0.4	MN=2.5			
	NORTHERN NEW YORK STATE, IN ST. LAWRENCE VALLEY CLOSE TO BORDER WITH CANADA BETWEEN MALONE, N.Y. AND CORNWALL, CNT. FELT(III) IN CORNWALL, CNT. 100 KM SW FROM MNT LDO CALCULATES A DEPTH OF 0 KM DEPTH = 10. KM(GEOPHYSICIST)							
FEB 16	23 21 31.(0)	39.05 N( 4KM)	82.42 N( 2KM)		MB=4.4	16	16	1 F
NEIS	OHIO FELT IN JACKSON AND GALLIA COUNTIES MAG. 3.4 MN (OTT) MAG. 3.3 MN (SLM) NOT PLOTTED ON FIG. 3 OR FIG. 4. DEPTH = 5. KM(GEOPHYSICIST) (NEIS)							
JUN 9	18 39 22.(0)	44.94 N(0.02)	73.65 W(0.03)	1.7	MN=3.5(0.2)	22	36	7 F
LDO	18 39 23.3	44.89 N	73.57 W	0.4	MN=4.2	14	14	
	NORTHERN NEW YORK STATE, WEST OF LAKE CHAMPLAIN FELT(VI) IN THE AREA AROUND PLATTSBURG FELT IN HEMINGFORD-LACOLLE AREA OF QUEBEC SEE FIG. 6 FOR ISOSEISMAL MAP. 60 KM S FROM MNT FREE DEPTH ESTIMATE 1. KM(04) (EP9) DEPTH = 10. KM(GEOPHYSICIST)							
JUL 11	01 44 54.	44.32 N	73.87 W	0.2	MN=2.8	11		F
LDO	NORTHERN NEW YORK STATE, NEAR WILMINGTON DEPTH = 2. KM(LDO)							

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG
AUG 03								
NEIS	01 03 22.	42.67 N	70.85 W					F
	SOUTHERN NEW ENGLAND FELT (III) IN WEST NEWBURY, IPSWICH, NEWBURYPORT AND NORTH ANDOVER MAG. 2.4 ML (MES)							
OCT 8	09 00 01.(0)	43.52 N(0.02)	78.49 W(0.05)	0.7	ML=2.0( )	6	11	1 0
LDO	09 00 02.5	43.48 N	78.50 W	0.4	MN=2.6	10	10	
	OFF SOUTHERN SHORE OF LAKE ONTARIO, NORTHWEST OF ROCHESTER, N.Y. 370 KM SW FROM HQ DEPTH = 5. KM (GEOPHYSICIST)							
NOV 11								
LDO	20 54 55.7	43.91 N	74.64 W	0.2	MN=3.9		24	F
	NORTHERN NEW YORK STATE, NEAR RACQUETTE LAKE FELT MILDLY IN MAITLAND AREA, WEST OF PRESCOTT, ONT. NOT REPORTED FELT IN PRESCOTT OR BROCKVILLE MAG. ML = 4.1 FROM 1 STATION (EPB) DEPTH = 3. KM (LDO)							

TABLE 2

NORTHERN CANADA AND ADJACENT AREAS  
1975

(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
2A. CANADIAN EARTHQUAKES									
JAN 1	12 37 22.(1)	76.64 N(0.05)	106.58 W(0.14)	1.2	MN=3.2(0.0)	4	10	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MRC								
JAN 2	21 55 02.(1)	76.67 N(0.03)	106.43 W(0.14)	1.6	MN=3.7(0.1)	8	16	5	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MRC								
JAN 3	02 03 50.(0)	76.63 N(0.03)	106.26 W(0.13)	1.5	MN=4.3(0.1)	12	21	7	F
NEIS	02 03 50.(0)	76.83 N( 5KM)	106.39 W( 3KM)	0.9	MR=3.9	12	12	3	
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 350 KM E FROM MRC								
JAN 3	10 50 07.(1)	76.59 N(0.05)	106.86 W(0.16)	1.8	MN=3.0(0.1)	6	13	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MRC								
JAN 3	11 08 52.(1)	76.71 N(0.03)	106.44 W(0.16)	1.7	MN=4.7(0.1)	13	21	7	F
NEIS	11 08 52.(0)	76.98 N( 4KM)	106.12 W( 3KM)	0.7	MR=4.3	13	13	4	
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MRC								
JAN 3	12 16 12.(1)	76.61 N(0.05)	106.25 W(0.22)	2.0	MN=3.1(0.0)	6	11	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 350 KM E FROM MRC								
JAN 4	17 46 44.(0)	76.58 N(0.03)	106.58 W(0.11)	1.1	MN=3.1(0.0)	6	11	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MRC								
JAN 8	06 36 03.(0)	76.66 N(0.02)	106.25 W(0.11)	1.1	MN=3.7(0.1)	8	15	4	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 350 KM E FROM MRC								
JAN 8	08 14 08.(1)	76.58 N(0.05)	106.99 W(0.13)	0.8	MN=3.2(0.1)	4	6	2	O
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MRC								
JAN 22	04 58 58.(1)	76.56 N(0.06)	106.80 W(0.16)	1.1	MN=2.9( )	3	8	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MRC								
JAN 24	20 52 41.(1)	76.83 N(0.08)	115.48 W(0.14)	1.2	MN=3.2(0.0)	5	10	2	F
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T. SWARM ACTIVITY, 24 SMALLER EVENTS THIS DAY AT MRC 120 KM NE FROM MRC								
JAN 25	00 35 28.(2)	76.78 N(0.13)	115.62 W(0.23)	1.9	MN=3.0(0.0)	5	8	2	F
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T. SWARM ACTIVITY, 11 SMALLER EVENTS THIS DAY AT MRC 110 KM NE FROM MRC								
JAN 27	02 54 31.(2)	76.89 N(0.11)	115.47 W(0.20)	1.4	MN=2.7(0.1)	5	7	2	O
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T. 120 KM NE FROM MRC								



DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JAN 30	10 45 23.(2)	65.51 N(0.10)	133.85 W(0.38)	1.6	ML=3.3(0.1)	3	8	2	0
	EAST-CENTRAL YUKON TERRITORY, IN MACKENZIE MOUNTAINS SOUTH OF THE PEEL RIVER 310 KM S FROM INK								
FEB 3	00 18 21.(2)	76.91 N(0.11)	115.65 W(0.20)	1.6	ML=3.3(0.1)	5	10	3	F
	ON OR NEAR PRINCE PATRICK ISLAND, N.W.T. SMALL FORESHOCK 20 SEC PRIOR TO MAIN SHOCK 120 KM NE FROM MRC								
FEB 17	00 38 03.(2)	60.78 N(0.10)	139.76 W(0.23)	1.6	ML=3.8(0.2)	4	7	2	0
	SOUTHWESTERN YUKON, IN ST. ELIAS MOUNTAINS NEAR BORDER WITH ALASKA 250 KM W FROM MHC								
FEB 20	00 56 27.(1)	70.86 N(0.05)	65.41 W(0.29)	1.1	ML=3.7(0.4)	4	7	2	F
	OFF EASTERN COAST OF BAFFIN ISLAND NEAR CLYDE, N.W.T. 810 KM N FROM FRP								
FEB 21	19 37 36.(2)	68.51 N(0.09)	69.33 W(0.32)	1.7	MN=3.2(0.3)	3	5	3	0
	CENTRAL BAFFIN ISLAND 530 KM N FROM FR3								
FEB 27	04 59 02.(3)	66.48 N(0.10)	135.16 W(0.45)	1.3	MN=2.6( )	3	5	1	0
	NORTHEASTERN YUKON TERRITORY, NORTH OF PEEL RIVER 210 KM S FROM INK								
FEB 27	12 22 29.(2)	71.50 N(0.09)	75.43 W(0.29)	2.5	MN=3.0(0.1)	5	7	4	0
	NORTHEASTERN BAFFIN ISLAND, WEST OF BUCHAN GULF 720 KM SE FROM RES								
MAR 2	06 58 05.(1)	65.04 N(0.11)	86.49 W(0.12)	1.8	MN=2.4(0.0)	3	6	2	F
	WESTERN SIDE OF SOUTHAMPTON ISLAND, N.W.T. 460 KM E FROM BLC								
MAR 5	09 46 52.(0)	63.35 N(0.04)	130.09 W(0.07)	1.8	MN=4.1( )	14	22	1	F
NEIS	09 46 49.(0)	63.49 N( 5KM)	130.03 W( 4KM)	1.1	MR=4.1	14	14	5	
	EAST-CENTRAL YUKON ON BORDER WITH N.W.T. 390 KM NE FROM MHC								
MAR 8	05 20 34.(1)	79.82 N(0.09)	94.07 W(0.47)	2.6	ML=5.2(0.3)	14	17	2	F
NEIS	05 20 41.(0)	79.24 N( 5KM)	96.12 W( 4KM)	1.2	MR=4.4	31	31	11	
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. MAG. 4.4 MS(.2) FROM 9 STATIONS (EP8) 570 KM N FROM RES								
MAR 8	12 58 39.(1)	79.88 N(0.06)	94.72 W(0.33)	1.1	ML=3.0(0.3)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 590 KM N FROM RES								
MAR 8	22 26 23.(0)	79.90 N(0.03)	94.75 W(0.18)	0.6	ML=2.9(0.4)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 9	09 39 51.(0)	79.92 N(0.03)	94.56 W(0.15)	0.5	ML=3.3(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 590 KM N FROM RES								
MAR 10	00 17 09.(1)	79.96 N(0.08)	94.37 W(0.33)	1.1	ML=3.1(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAR 10	09 52 47.(1)	79.77 N(0.05)	94.37 W(0.29)	0.9	ML=3.2(0.1)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 570 KM N FROM RES								
MAR 11	05 16 57.(1)	79.85 N(0.07)	94.45 W(0.40)	1.3	ML=3.7(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 12	04 08 05.(2)	75.82 N(0.10)	96.96 W(0.45)	1.1	MN=2.7( )	3	5	1	0
	OFF NORTHWESTERN SIDE OF CORNWALLIS ISLAND, N.W.T. 140 KM NW FROM RES								
MAR 12	09 42 01.(0)	79.94 N(0.04)	95.05 W(0.25)	0.8	ML=3.4(0.4)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 590 KM N FROM RES								
MAR 15	16 58 01.(0)	79.86 N(0.02)	94.61 W(0.11)	0.4	ML=3.2(0.1)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 16	10 24 28.(0)	79.85 N(0.04)	94.53 W(0.22)	0.7	ML=3.0(0.3)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 16	12 42 59.(0)	79.85 N(0.03)	94.85 W(0.17)	0.6	ML=3.0(0.4)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 17	22 13 27.(1)	79.86 N(0.05)	94.11 W(0.29)	0.9	ML=2.8(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 19	00 14 35.(1)	79.84 N(0.05)	94.46 W(0.27)	0.9	ML=2.8(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 19	09 37 13.(1)	73.70 N(0.04)	95.26 W(0.34)	1.6	MN=3.2( )	3	8	1	F
	WESTERN SIDE OF SOMERSET ISLAND, N.W.T. 110 KM S FROM RES								
MAR 19	23 33 34.(0)	79.85 N(0.03)	94.64 W(0.19)	0.5	ML=2.7(0.3)	3	5	3	0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. AFTERSHOCK 580 KM N FROM RES								
MAR 28	04 18 08.(1)	78.09 N(0.04)	110.08 W(0.20)	1.4	ML=3.8(0.2)	6	12	3	F
	MACKENZIE KING ISLAND, N.W.T. 310 KM NE FROM MBC								
APR 1	07 54 01.(1)	65.67 N(0.04)	134.09 W(0.18)	2.0	MN=3.1(0.1)	6	13	2	F
	EAST-CENTRAL YUKON TERRITORY, SOUTH OF THE PEEL RIVER 290 KM S FROM INK								
APR 6	19 25 36.(1)	71.55 N(0.03)	133.02 W(0.15)	0.9	ML=4.3(0.4)	5	10	5	F
	BEAUFORT SEA, NORTH OF TUKTOYAKTUK, N.W.T. 370 KM N FROM INK								
APR 8	14 40 02.(0)	79.88 N(0.03)	93.89 W(0.18)	0.6	ML=3.5(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								

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						STN	PHA	MAG
APR 9	05 10 09.(0)	79.90 N(0.03)	94.74 W(0.20)	0.6	ML=2.6(0.3)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							
APR 10	14 35 59.(0)	79.89 N(0.02)	94.22 W(0.11)	0.4	ML=2.9(0.2)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							
APR 11	12 40 36.(0)	79.89 N(0.04)	94.59 W(0.21)	0.7	ML=2.7(0.2)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							
APR 14	05 22 07.(1)	65.78 N(0.04)	134.41 W(0.24)	1.6	ML=3.1(0.2)	4	7	4 F
	EAST-CENTRAL YUKON TERRITORY, SOUTH OF THE PEEL RIVER 330 KM S FROM INK							
APR 14	16 44 01.(0)	79.90 N(0.04)	94.43 W(0.23)	0.7	ML=2.7(0.2)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							
APR 14	20 00 38.(1)	79.92 N(0.05)	94.64 W(0.31)	1.0	ML=2.6(0.3)	3	6	2 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 590 KM N FROM RES							
APR 15	12 17 40.(0)	81.19 N(0.03)	87.14 W(0.18)	0.4	ML=4.1(0.0)	4	6	3 0
	WESTERN SIDE OF ELLESMERE ISLAND NEAR NANSEN SOUND, N.W.T. 420 KM SW FROM ALF							
APR 27	18 31 09.(1)	79.73 N(0.06)	94.01 W(0.39)	2.0	ML=4.0(0.3)	5	10	5 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 570 KM N FROM RES							
APR 24	16 57 28.(1)	72.75 N(0.05)	69.93 W(0.20)	1.2	MN=3.4( )	3	7	1 F
	NORTHWESTERN BAFFIN BAY, OFF BUCHAN GULF, N.W.T. 830 KM SE FROM RES							
APR 25	09 09 26.(1)	79.91 N(0.05)	112.26 W(0.11)	0.2	ML=3.3(0.2)	2	4	2 0
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T. 440 KM NE FROM PBC							
APR 30	13 29 06.(1)	78.19 N(0.08)	101.34 W(0.20)	0.3	ML=2.8(0.3)	2	4	2 0
	NEAR ELLEF RINGNES ISLAND, N.W.T. 430 KM NW FROM RES							
MAY 2	01 49 03.(1)	69.77 N(0.04)	129.23 W(0.14)	1.1	ML=3.1(0.7)	3	6	3 F
	EAST OF MACKENZIE RIVER DELTA, SOUTH OF LIVERPOOL BAY, N.W.T. 210 KM NE FROM INK							
MAY 3	11 07 19.(0)	79.81 N(0.03)	94.70 W(0.16)	0.5	ML=2.7(0.1)	3	5	3 0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 570 KM N FROM RES							
MAY 3	13 27 15.(0)	79.82 N(0.03)	94.95 W(0.15)	0.5	ML=2.8(0.2)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 570 KM N FROM RES							
MAY 3	16 19 32.(1)	71.14 N(0.04)	73.20 W(0.16)	2.7	MN=4.0(0.2)	8	18	6 F
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF, N.W.T. 810 KM SE FROM RES							
MAY 6	15 44 22.(2)	49.48 N(0.09)	127.63 W(0.22)	1.3	ML=2.8(0.3)	3	5	3 0
	WESTERN COAST OF VANCOUVER ISLAND 140 KM S FROM PBC							
MAY 8	09 07 09.(0)	79.89 N(0.03)	94.48 W(0.20)	0.6	ML=2.6(0.2)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							

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						STN	PHA	MAG	
MAY 9	09 14 31.(0)	79.87 N(0.01)	94.57 W(0.08)	0.3	ML=2.9(0.3)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								
MAY 11	15 21 05.(0)	79.89 N(0.03)	94.76 W(0.15)	0.5	ML=3.5(0.1)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								
MAY 19	07 20 47.(1)	65.14 N(0.04)	89.28 W(0.08)	1.9	MN=3.1(0.1)	6	11	4	F
	NEAR WAGER BAY IN NORTHWESTERN HUDSON BAY, N.W.T. 330 KM E FROM BLC								
MAY 22	02 12 58.(0)	79.91 N(0.02)	95.17 W(0.09)	0.3	ML=2.8(0.1)	3	5	3	0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								
MAY 22	10 22 37.(1)	79.31 N(0.06)	93.56 W(0.33)	1.2	ML=2.6(0.0)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 520 KM N FROM RES								
MAY 22	15 05 52.(1)	67.23 N(0.03)	92.14 W(0.09)	2.7	MN=4.9(0.1)	16	36	8	F
	NORTHWEST OF WAGER BAY, N.W.T. MAG. 3.0 MS(0.0) FROM 1 STATIONS (EPR) 370 KM NE FROM BLC								
MAY 22	21 54 41.(1)	76.09 N(0.06)	121.91 W(0.29)	1.7	MN=3.8(0.1)	7	11	2	F
	WESTERN SIDE OF PRINCE PATRICK ISLAND, N.W.T. MAG. 2.5 MS(0.0) FROM 1 STATIONS (EPR) 70 KM W FROM MRC								
MAY 23	06 20 21.(2)	70.55 N(0.07)	72.53 W(0.28)	2.0	MN=3.4(0.3)	3	7	4	F
	NORTHEASTERN BAFFIN ISLAND, NEAR SCOTT INLET, N.W.T. 780 KM N FROM FR3								
MAY 24	21 54 50.(1)	79.88 N(0.05)	94.68 W(0.39)	0.7	ML=3.5(0.1)	3	5	2	0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								
MAY 27	15 36 56.(1)	67.76 N(0.04)	135.62 W(0.15)	0.6	MN=3.0( )	3	5	1	0
	NORTHERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 110 KM SW FROM INK								
MAY 28	07 40 38.(1)	79.81 N(0.05)	94.22 W(0.32)	1.0	ML=3.2(0.1)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 570 KM N FROM RES								
MAY 28	13 34 42.(1)	76.53 N(0.04)	106.66 W(0.17)	1.3	MN=3.2(0.0)	5	9	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MRC								
JUN 3	02 38 56.(1)	76.22 N(0.04)	119.44 W(0.18)	1.5	MN=4.0(0.1)	9	15	5	F
NEIS	02 38 56.(0)	76.47 N( 4KM)	119.74 W( 7KM)		MB=4.3	13	13	8	
	PRINCE PATRICK ISLAND, N.W.T. FELT(IV) IN MOULD BAY AS SHARP JOLT OF SHORT DURATION DRILL CREW 50 KM NORTHEAST OF MPC DID NOT NOTICE TREMOR 3 KM SW FROM MRC								
JUN 3	17 55 42.(2)	72.16 N(0.07)	76.37 W(0.27)	1.4	MN=3.1(0.2)	3	5	4	0
	NORTHEASTERN BAFFIN ISLAND, NORTHWEST OF BUCHAN GULF 650 KM SE FROM RES								
JUN 4	00 31 60.(1)	62.18 N(0.12)	108.09 W(0.10)	1.1	MN=2.5(0.1)	3	4	2	0
	SOUTH-CENTRAL NORTHWEST TERRITORIES, EAST OF GREAT SLAVE LAKE 330 KM E FROM YKC								
JUN 4	01 00 11.(2)	62.24 N(0.15)	108.09 W(0.12)	1.4	MN=2.6(0.2)	3	4	2	0
	SOUTH-CENTRAL NORTHWEST TERRITORIES, EAST OF GREAT SLAVE LAKE 330 KM E FROM YKC								

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						STN	PHA	MAG
JUN 4	06 24 47.(2)	61.81 N(0.22)	110.49 W(0.15)	2.2	MN=2.4(0.1)	3	5	2 0
	SOUTH-CENTRAL NORTHWEST TERRITORIES, EAST OF GREAT SLAVE LAKE 220 KM E FROM YKC							
JUN 7	08 43 48.(2)	72.27 N(0.09)	76.02 W(0.34)	1.9	MN=3.2(0.2)	3	6	3 F
	NORTHEASTERN BAFFIN ISLAND, NORTHWEST OF BUCHAN GULF 660 KM SE FROM RES							
JUN 7	10 12 49.(2)	72.25 N(0.09)	75.93 W(0.40)	1.8	MN=2.8(0.2)	3	5	3 0
	NORTHEASTERN BAFFIN ISLAND, NORTHWEST OF BUCHAN GULF 660 KM SE FROM RES							
JUN 8	00 27 06.(1)	72.21 N(0.06)	76.23 W(0.23)	1.4	MN=2.8(0.2)	3	6	3 F
	NORTHEASTERN BAFFIN ISLAND, NORTHWEST OF BUCHAN GULF 650 KM SE FROM RES							
JUN 9	06 22 33.(1)	76.09 N(0.03)	120.24 W(0.22)	0.4	ML=3.4( )	3	5	1 0
	PRINCE PATRICK ISLAND, N.W.T. 30 KM SW FROM MRC							
JUN 14	04 07 35.(1)	73.33 N(0.03)	70.25 W(0.16)	1.1	ML=4.4(0.3)	6	11	3 F
	NORTHWESTERN BAFFIN BAY, OFF CAPE MACCULLOCH ON BAFFIN ISLAND 770 KM SE FROM RES							
JUN 14	20 50 26.(1)	71.96 N(0.05)	131.72 W(0.14)	2.0		20	27	6 F
NEIS	20 50 26.(0)	71.91 N( 2KM)	132.94 W( 2KM)	0.5	MB=5.3	109	109	22
	BEAUFORT SEA NO FORESHOCKS OR AFTERSHOCKS AT INK 420 KM N FROM INK MAG. 6.0 ML( .4) FROM 6 STATIONS (EPB) 420 KM N FROM INK							
JUN 24	09 02 04.(1)	65.50 N(0.04)	88.74 W(0.08)	1.2	MN=2.9(0.1)	4	7	3 F
	NEAR WAGER BAY, N.W.T. 370 KM E FROM BLC							
JUN 25	05 44 07.(1)	64.75 N(0.06)	133.56 W(0.21)	2.4	ML=3.8(0.4)	5	11	3 F
	NORTHEASTERN YUKON TERRITORY, NEAR BONNET PLUME RIVER 400 KM S FROM INK							
JUN 29	03 12 30.(1)	75.65 N(0.08)	116.19 W(0.27)	2.2	MN=3.2(0.2)	4	8	3 0
	NORTHWESTERN MELVILLE ISLAND, N.W.T. 110 KM SE FROM MRC							
JUN 30	18 48 55.(1)	71.44 N(0.04)	71.19 W(0.18)	2.0	MN=5.2(0.2)	9	14	4 F
	NORTHEASTERN BAFFIN ISLAND, NEAR SCOTT INLET MAG. 4.1 MS( .3) FROM 7 STATIONS (EPB) 850 KM SE FROM RES							
JUL 15	21 10 21.(4)	76.42 N(0.21)	120.11 W(0.39)	2.0	ML=3.8( )	4	7	1 0
	PRINCE PATRICK ISLAND, N.W.T. 30 KM NW FROM MRC							
JUL 16	06 36 38.(1)	66.35 N(0.04)	135.50 W(0.12)	1.5	MN=3.4(0.2)	6	11	4 F
	NORTHERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 230 KM S FROM INK							
JUL 17	15 33 22.(0)	79.89 N(0.02)	94.16 W(0.09)	0.3	ML=3.5(0.4)	3	6	3 F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES							
JUL 20	06 28 38.(1)	75.23 N(0.04)	62.39 W(0.20)	1.6	ML=4.4(0.1)	7	12	3 F
	NORTHERN BAFFIN BAY, OFF WESTERN COAST OF GREENLAND IN MELVILLE BAY 810 KM S FROM ALE							

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						STN	PHA	MAG	
JUL 24	00 46 52.(1)	62.84 N(0.09)	126.43 W(0.09)	1.9	MN=3.1( )	4	9	1	F
IN MACKENZIE MOUNTAINS OF SOUTHWESTERN NORTHWEST TERRITORIES SOUTHWEST OF WRIGLEY 510 KM NE FROM WHC									
AUG 20	04 32 55.(1)	74.35 N(0.06)	85.05 W(0.26)	2.0	MN=2.6( )	4	9	1	F
LANCASTER SOUND, N.W.T. 300 KM E FROM RES									
AUG 24	00 27 47.(1)	62.54 N(0.04)	127.76 W(0.09)	2.0	ML=4.3(0.1)	8	14	2	F
IN MACKENZIE MOUNTAINS OF SOUTHWESTERN N.W.T. NEAR TUNGSTEN 440 KM NE FROM WHC									
SEP 7	01 23 54.(0)	64.66 N(0.03)	138.51 W(0.10)	1.9	ML=4.7(0.3)	13	19	4	F
NEIS	01 23 54.(2)	64.73 N( )	138.68 W( )	0.8	MR=4.2	12	12	4	
WESTERN YUKON, NORTH OF DAWSON CITY ONE AFTERSHOCK AT INK AND WHC DEPTH = 25. KM(15) (NEIS) MAG. 3.5 MS(.0) FROM 2 STATIONS (EPB) 460 KM SW FROM INK									
SEP 15	13 27 59.(1)	66.88 N(0.02)	135.81 W(0.17)	0.9	ML=3.5(0.3)	4	7	2	F
NORTHEASTERN YUKON, NORTH OF THE PEEL RIVER 190 KM SW FROM INK									
SEP 18	21 25 51.(0)	79.84 N(0.02)	94.57 W(0.09)	0.3	ML=3.0(0.3)	3	6	3	F
WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES									
SEP 19	11 34 02.(0)	80.03 N(0.02)	93.82 W(0.13)	0.4	ML=3.8(0.2)	3	6	3	F
WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 600 KM N FROM RES									
SEP 20	18 12 50.(0)	79.91 N(0.04)	94.33 W(0.23)	0.6	ML=2.7(0.2)	3	5	3	0
WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES									
SEP 20	20 40 12.(1)	74.62 N(0.05)	96.36 W(0.20)	2.5	MN=3.4(0.2)	7	11	3	F
NARROW STRAIT, SOUTHWEST OF CORNWALLIS ISLAND, N.W.T. TWO AFTERSHOCKS AT RES THIS DAY 45 KM W FROM RES									
SEP 21	14 15 57.(0)	62.74 N(0.05)	125.40 W(0.05)	0.9	MN=3.3( )	3	7	1	F
SOUTHWESTERN NORTHWEST TERRITORIES, SOUTHWEST OF WRIGLEY 560 KM E FROM WHC									
SEP 28	20 53 08.(2)	67.15 N(0.06)	135.74 W(0.25)	0.8	ML=3.2( )	3	5	1	0
YUKON-NORTHWEST TERRITORIES BORDER, NEAR FORT MCPHERSON, N.W.T. 160 KM SW FROM INK									
SEP 29	15 39 10.(0)	65.58 N(0.02)	128.01 W(0.05)	0.7	MN=3.2( )	3	8	1	F
MACKENZIE RIVER VALLEY, SOUTH OF FORT GOOD HOPE, N.W.T. WESTERN NORTHWEST TERRITORIES, WEST OF NORMAN WELLS 390 KM SE FROM INK									
OCT 1	18 52 04.(0)	79.85 N(0.03)	94.54 W(0.15)	0.4	ML=2.6(0.4)	3	5	3	0
WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES									
OCT 2	03 15 05.(1)	80.74 N(0.06)	109.96 W(0.38)	0.8	ML=3.0(0.1)	3	5	3	0
ARCTIC OCEAN, OFF ROYDEN ISLAND, N.W.T. 540 KM NE FROM MBO									
OCT 7	04 56 45.(1)	79.74 N(0.06)	93.14 W(0.37)	1.2	ML=3.1(0.2)	3	6	3	F
WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 570 KM N FROM RES									

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
OCT 14	22 27 20.(2)	66.70 N(0.07)	136.38 W(0.26)	0.6	MN=3.0( )	3	5	1	0
	NORTHERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 220 KM SW FROM INK								
OCT 16	07 57 55.(1)	65.51 N(0.02)	132.66 W(0.11)	1.0	ML=3.3(0.2)	4	8	3	F
	BORDER OF YUKON AND NORTHWEST TERRITORIES, SOUTH OF THE PEEL RIVER 310 KM S FROM INK								
OCT 21	03 07 21.(1)	79.86 N(0.05)	93.21 W(0.32)	1.0	ML=2.7(0.2)	3	6	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. 580 KM N FROM RES								
NOV 1	05 49 24.(1)	64.91 N(0.07)	87.33 W(0.14)	2.3	MN=3.0(0.2)	4	8	2	F
	NEAR WAGER BAY, N.W.T. 550 KM SW FROM IGL								
NOV 10	22 54 06.(1)	67.39 N(0.01)	66.31 W(0.06)	0.2	MN=3.1(0.0)	3	5	2	0
	EAST-CENTRAL BAFFIN ISLAND, NEAR CUMBERLAND PENNINSULA 420 KM N FROM FRB								
NOV 11	16 21 35.(1)	79.12 N(0.06)	93.14 W(0.46)	1.9	ML=3.4(0.1)	3	7	3	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T. NOT THE SAME SOURCE AREA AS OTHER ACTIVITY 500 KM N FROM RES								
NOV 15	15 32 16.(3)	71.30 N(0.11)	71.38 W(0.45)	1.4	MN=2.8(0.4)	3	4	2	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF, N.W.T. 450 KM NE FROM IGL								
NOV 15	17 52 20.(1)	60.98 N(0.07)	130.39 W(0.12)	2.0	ML=3.7( )	4	6	1	0
	SOUTHEASTERN YUKON TERRITORY, NORTHWEST OF WATSON LAKE 260 KM E FROM WMC								
NOV 16	19 29 49.(1)	65.24 N(0.05)	133.50 W(0.41)	1.7	ML=3.0(0.2)	4	6	2	0
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 340 KM S FROM INK								
NOV 22	12 39 49.(1)	65.30 N(0.03)	134.36 W(0.17)	1.3	ML=3.4(0.3)	3	8	2	F
	NORTHEASTERN YUKON TERRITORY, SOUTH OF THE PEEL RIVER 340 KM S FROM INK								
NOV 26	18 23 46.(2)	66.34 N(0.05)	134.72 W(0.25)	1.0	ML=3.2( )	3	4	1	0
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 220 KM S FROM INK								
DEC 8	13 36 03.(1)	71.02 N(0.05)	132.90 W(0.31)	1.5	ML=4.2(0.2)	4	8	3	F
	BEAUFORT SEA 310 KM N FROM INK								
DEC 9	13 55 16.(1)	73.90 N(0.03)	94.36 W(0.14)	2.1	MN=3.4(0.2)	8	16	4	F
	SOMERSET ISLAND, N.W.T. 90 KM S FROM RES DEPTH = 10. KM(GEOPHYSICIST)								
DEC 25	13 07 44.(2)	66.69 N(0.06)	135.80 W(0.19)	1.6	MN=3.2(0.2)	5	11	3	F
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER 200 KM SW FROM INK								
DEC 27	09 53 55.(1)	67.39 N(0.04)	91.71 W(0.10)	2.4	MN=3.1(0.1)	10	18	6	F
	NORTHWEST OF WAGER BAY, N.W.T. 400 KM NE FROM BLC								
DEC 30	01 20 36.(2)	67.98 N(0.07)	67.85 W(0.23)	0.5	MN=2.3(0.0)	3	4	2	0
	EASTERN BAFFIN ISLAND NEAR HOME BAY 470 KM N FROM FRB								

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 31	10 56 30.(0)	75.36 N(0.04)	106.16 W(0.10)	0.8	MN=2.6( )	3	6	1	0
EASTERN MELVILLE ISLAND, N.W.T. 330 KM W FROM RES									

29. ALASKAN EARTHQUAKES  
NORTH OF 60.0 N  
(MANY EVENTS WEST OF 145.0 W ARE NOT LISTED)

MAR 29	14 39 21.(3)	69.63 N(0.07)	142.85 W(0.43)	1.5	ML=3.6( )	4	8	1	0
NORTHEASTERN ALASKA, NEAR MARTIN POINT 400 KM W FROM INK									
MAR 29	15 46 34.(1)	69.71 N(0.04)	142.66 W(0.24)	0.8	ML=3.3( )	4	8	1	F
NORTHEASTERN ALASKA, NEAR MARTIN POINT 400 KM W FROM INK									
MAR 30	11 33 34.(2)	69.60 N(0.06)	143.23 W(0.33)	0.9	ML=3.9( )	3	6	1	F
NORTHEASTERN ALASKA, NEAR MARTIN POINT 420 KM W FROM INK									
MAR 31 NEIS	12 53 03.(0)	69.98 N( 3KM)	142.54 W( 3KM)	0.6	ME=3.8	15	15	1	F
NORTHEASTERN ALASKA, NEAR MARTIN POINT									
APR 13	19 46 12.(6)	71.51 N(0.23)	161.73 W(1.01)	2.7	ML=4.3(0.2)	3	6	3	0
CHUKCHEE SEA, OFF NORTHWESTERN ALASKA									
AUG 08 NEIS	11 44 39.(0)	68.96 N( 5KM)	145.15 W( 5KM)	1.2	MB=4.5	18	18	8	F
NORTHERN ALASKA									

20. GREENLAND AND SVALBARD EARTHQUAKES

JAN 02 NEIS	06 19 57.(0)	81.02 N( 2KM)	3.81 W( 3KM)	0.4	ME=4.6	14	14	10	F
NORTH OF SVALBARD									
JAN 8	18 58 51.(2)	84.92 N(0.11)	2.44 E(1.47)	1.1	ML=4.0( )	4	6	1	0
NORTH OF SVALBARD 790 KM E FROM ALE									
JAN 27	19 07 18.(3)	79.34 N(0.24)	20.16 W(1.66)	1.8	MN=3.2( )	3	5	1	0
NORTHEASTERN COAST OF GREENLAND 290 KM N FROM DAG									
APR 29	02 00 14.(1)	63.27 N(0.08)	43.94 W(0.22)	1.4	MN=3.9( )	5	7	1	0
SOUTHEASTERN COAST OF GREENLAND 790 KM SE FROM GOH									
SEP 18 NEIS	05 03 30.(1) 05 03 29.(0)	84.17 N(0.06) 84.13 N( 6KM)	2.35 W(0.75) 1.39 W( 7KM)	1.0 1.3	ML=4.3(0.3) MB=4.3	8 11	11 11	3 5	F
NORTH OF SVALBARD MAG. 4.0 MS( .1) FROM 8 STATIONS (EPB) 760 KM E FROM ALE									
NOV 19 NEIS	04 46 11.(0)	81.96 N( 2KM)	4.85 W( 2KM)	0.8	MB=5.1	79	79	18	F
NORTH OF SVALBARD, NOT PLOTTED ON FIG. 7. DEPTH = 26. KM(NEIS) MAG. 5.6 MS FROM 1 STATION (NEIS)									



TABLE 3  
WESTERN CANADA AND ADJACENT AREAS  
1975

(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
3A. CANADIAN EARTHQUAKES									
JAN 2	22 58 15.(2)	49.34 N(0.06)	128.99 W(0.20)	1.9		11	14	3	O
NEIS	22 58 13.(0)	49.33 N( 4KM)	128.98 W( 5KM)	1.3	MB=4.4	24	24	6	
	WEST OF VANCOUVER ISLAND MAG. 3.6 ML( .3) FROM 3 STATIONS (EPB) 190 KM SW FROM PNC								
JAN 10	04 47 01.(1)	52.18 N(0.04)	115.25 W(0.04)	1.1	ML=2.8(0.2)	4	8	4	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE 170 KM SW FROM EDM DEPTH = 10. KM(GEOPHYSICIST)								
JAN 29	04 42 14.(1)	49.70 N(0.05)	119.71 W(0.07)	1.7	ML=3.1(0.2)	5	8	3	F
	SOUTHERN BRITISH COLUMBIA, IN THE OKANAGAN VALLEY BETWEEN SUMMERLAND AND PEACHLAND. FELT(III-IV) IN SUMMERLAND AND PEACHLAND FELT(III) IN WESTPARK, OKANAGAN MISSION, RUTH AND NARAMATA FELT(II) IN KELCUNA, PENTICTON, AND KALEDEN SEE FIG. 11 FOR DISTRIBUTION OF FELT REPORTS. 45 KM N FROM FNT DEPTH = 10. KM(GEOPHYSICIST)								
JAN 29	16 16 56.(2)	50.06 N(0.09)	129.99 W(0.17)	2.5		10	14	4	F
NEIS	16 16 59.(0)	50.08 N( 4KM)	129.35 W( 6KM)	1.0	MB=4.5	17	17	9	
	WEST OF VANCOUVER ISLAND MAG. 3.8 ML( .2) FROM 4 STATIONS (EPB) 200 KM W FROM PNC								
JAN 29	17 25 01.(5)	49.83 N(0.19)	129.59 W(0.49)	1.8	ML=3.0( . )	3	5	1	O
	WEST OF VANCOUVER ISLAND AFTERSHOCK 180 KM SW FROM PNC								
JAN 29	17 43 10.(2)	49.97 N(0.11)	130.14 W(0.18)	2.3	ML=3.8(0.2)	9	13	4	F
NEIS	17 43 13.(1)	50.06 N( 5KM)	129.55 W( 8KM)	1.0	MB=4.3	14	14	6	
	WEST OF VANCOUVER ISLAND 210 KM SW FROM PNC								
JAN 30	21 23 29.(4)	50.39 N(0.12)	129.63 W(0.35)	0.9	ML=3.4(0.3)	3	4	2	O
	WEST OF VANCOUVER ISLAND 160 KM W FROM PNC								
FEB 6	06 24 05.(2)	49.31 N(0.10)	129.70 W(0.14)	1.9	ML=3.5(0.3)	7	10	3	F
NEIS	06 24 04.(1)	49.33 N( 4KM)	129.6 W( 8KM)	1.0	MB=4.3	10	10	4	
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PNC								
FEB 14	12 15 06.(1)	52.68 N(0.07)	132.04 W(0.12)	1.6	ML=3.8(0.4)	6	9	2	F
	WESTERN COAST OF SOUTHERN QUEEN CHARLOTTE ISLANDS NEAR TASU SOUND 60 KM S FROM GCO								
FEB 18	20 21 09.(2)	50.75 N(0.10)	130.55 W(0.15)	2.4	ML=3.8(0.3)	9	13	4	F
NEIS	20 21 13.(1)	50.72 N( 8KM)	129.93 W(12KM)	1.0	MB=4.2	9	9	6	
	WEST OF VANCOUVER ISLAND 220 KM W FROM PNC								

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
FEB 18	21 06 42.(2)	50.74 N(0.12)	130.55 W(0.17)	2.6	ML=3.7(0.2)	9	12	4	0
NEIS	21 06 48.(2)	50.71 N(11KM)	129.77 W(23KM)	1.3	MB=4.0	7	7	5	
	WEST OF VANCOUVER ISLAND 220 KM W FROM PHC								
FEB 21	16 43 28.(2)	50.81 N(0.10)	130.57 W(0.15)	2.8	ML=3.8(0.2)	7	13	4	0
	WEST OF VANCOUVER ISLAND 220 KM W FROM PHC								
FEB 28	13 41 45.(1)	52.60 N(0.02)	131.90 W(0.04)	0.3	ML=2.9(0.1)	3	4	2	0
	WESTERN COAST OF SOUTHERN QUEEN CHARLOTTE ISLANDS NEAR TASU SOUND 70 KM S FROM QCC								
MAR 19	12 09 18.(2)	49.28 N(0.07)	128.99 W(0.25)	2.0	ML=3.5(0.2)	12	15	2	F
NEIS	12 09 28.(2)	49.31 N( 6KM)	127.35 W(15KM)	0.9	MB=4.2	11	11	2	
	WEST OF VANCOUVER ISLAND 190 KM SW FROM PHC								
MAR 20	20 36 54.(1)	50.54 N(0.05)	130.25 W(0.08)	1.2	ML=4.1(0.3)	11	14	3	F
NEIS	20 36 56.(2)	50.72 N( 6KM)	129.24 W( 6KM)	1.1	MB=4.3	17	17	11	
	WEST OF VANCOUVER ISLAND PHC NOT OPERATING MAG. 3.6 MS( .1) FROM 4 STATIONS (EPB) 200 KM W FROM PHC								
MAR 31	05 48 38.(1)	49.27 N(0.04)	125.96 W(0.06)	2.0		23	29	2	F
NEIS	05 48 38.(0)	49.40 N( 2KM)	125.60 W( 2KM)	0.9	MB=5.3	83	83	25	
	WESTERN COAST OF CENTRAL VANCOUVER ISLAND, NEAR CLAYOQUOT SOUND FELT(IV) AT TOFINO, LONG BEACH AND AHOUSAT FELT(III) ON ALL OF CENTRAL VANCOUVER ISLAND INCLUDING EASTERN COAST FROM NANAIMO TO SAYWARD AND NORTHERN FELT(II) ON SOUTHEASTERN VANCOUVER ISLAND INCLUDING VICTORIA AND B.C. LOWER MAINLAND INCLUDING VANCOUVER NOT REPORTED FELT ON NORTHWESTERN VANCOUVER ISLAND NORTH OF PORT ALICE NEIS CALCULATES A DEPTH OF 33. KM( 3) NO AFTERSHOCKS WERE RECORDED AT PHC SEE FIG. 10 FOR DISTRIBUTION OF FELT REPORTS. MAG. 5.4 ML( .2) FROM 2 STATIONS (EPB) 190 KM SE FROM PHC								
APR 7	01 47 45.(1)	51.64 N(0.08)	130.88 W(0.12)	2.7	ML=4.7(0.2)	10	16	2	F
NEIS	01 47 49.	51.80 N( 6KM)	130.10 W( 7KM)	1.2	MB=4.2	13	13	5	
	QUEEN CHARLOTTE SOUND, OFF THE SOUTHERN END OF THE QUEEN CHARLOTTE ISLANDS MAG. 4.1 MS( .2) FROM 19 STATIONS (EPB) 200 KM SE FROM QCC								
APR 14	00 53 16.(2)	51.90 N(0.10)	130.91 W(0.13)	1.4	ML=3.0(0.3)	3	5	3	0
	QUEEN CHARLOTTE SOUND, OFF THE SOUTHERN END OF THE QUEEN CHARLOTTE ISLANDS 170 KM SE FROM QCC								
MAY 7	02 00 52.(2)	50.79 N(0.15)	130.73 W(0.18)	1.1	ML=3.3(0.2)	4	6	3	0
	WEST OF VANCOUVER ISLAND 230 KM W FROM PHC								
MAY 16	12 48 42.(0)	50.59 N(0.00)	129.60 W(0.00)	0.0	ML=3.1(0.5)	3	3	3	0
	WEST OF VANCOUVER ISLAND 150 KM W FROM PHC								
MAY 16	18 33 10.(3)	50.79 N(0.18)	129.69 W(0.21)	1.7	MN=3.0( )	3	5	1	0
	WEST OF VANCOUVER ISLAND 160 KM W FROM PHC								

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAY 16	21 27 22.(3)	50.60 N(0.21)	129.78 W(0.22)	1.8	ML=3.1(0.5)	3	5	2	0
	WEST OF VANCOUVER ISLAND 170 KM W FROM FHC								
MAY 16	22 07 45.(4)	50.72 N(0.25)	129.69 W(0.28)	2.2	ML=3.1(0.3)	3	5	3	0
	WEST OF VANCOUVER ISLAND 160 KM W FROM FHC								
MAY 23	15 12 30.(2)	51.22 N(0.09)	131.23 W(0.15)	2.4	MB=5.1	9	12	2	F
NEIS	15 12 33.(0)	51.34 N( 5KM)	131.24 W( 4KM)	0.8		44	44	20	
	QUEEN CHARLOTTE SOUND 17 AFTERSHOCKS AT OCC IN THE NEXT TWO DAYS MAG. 4.6 ML(.1) FROM 12 STATIONS (EP9) MAG. 4.7 MS(.3) FROM 7 STATIONS (EPB) 230 KM S FROM OCC								
MAY 25	01 47 42.(1)	51.32 N(0.08)	131.31 W(0.11)	1.3	ML=3.4(0.3)	3	6	3	F
	QUEEN CHARLOTTE SOUND AFTERSHOCK 220 KM S FROM OCC								
MAY 25	10 56 55.(3)	51.46 N(0.24)	130.88 W(0.35)	1.3	ML=2.6(0.2)	3	5	3	0
	QUEEN CHARLOTTE SOUND AFTERSHOCK 220 KM S FROM OCC								
JUN 5	04 47 54.(0)	48.81 N(0.05)	124.37 W(0.04)	0.6	ML=3.0(0.3)	3	8	3	0
	SOUTHWESTERN COAST OF VANCOUVER ISLAND 80 KM NW FROM VIC								
JUN 5	05 52 40.(1)	57.95 N(0.03)	124.80 W(0.09)	1.8	ML=4.2( )	9	15	1	F
	NORTH-CENTRAL BRITISH COLUMBIA, NORTHEAST OF HARE 390 KM N FROM FSJ								
JUN 21	22 07 16.(1)	51.36 N(0.03)	130.87 W(0.05)	0.6	MM=3.2( )	3	6	1	F
	QUEEN CHARLOTTE SOUND 230 KM S FROM OCC								
JUN 22	19 22 56.(3)	50.27 N(0.21)	130.30 W(0.19)	1.5	ML=3.5(0.4)	3	5	3	0
	WEST OF VANCOUVER ISLAND 210 KM W FROM FHC								
JUL 14	18 12 56.(1)	51.42 N(0.07)	131.80 W(0.10)	0.7	ML=2.6(0.5)	3	4	3	0
	QUEEN CHARLOTTE SOUND 210 KM S FROM OCC								
JUL 14	18 19 25.(2)	51.46 N(0.10)	131.83 W(0.15)	1.3	ML=3.9(0.5)	3	5	3	0
	QUEEN CHARLOTTE SOUND 200 KM S FROM OCC								
JUL 14	18 41 36.(2)	51.38 N(0.10)	131.93 W(0.14)	0.9	ML=3.0(0.6)	3	4	3	0
	QUEEN CHARLOTTE SOUND 210 KM S FROM OCC								
JUL 14	19 12 01.(1)	51.46 N(0.08)	131.74 W(0.11)	1.0	ML=3.3(0.5)	3	5	3	0
	QUEEN CHARLOTTE SOUND 200 KM S FROM OCC								
JUL 22	17 37 31.(2)	50.36 N(0.10)	130.54 W(0.10)	0.9	ML=3.1(0.5)	3	6	3	F
	WEST OF VANCOUVER ISLAND 220 KM W FROM FHC								
JUL 31	18 27 21.(6)	49.76 N(0.22)	129.08 W(0.79)	2.2	ML=3.1(0.2)	3	5	2	0
	WEST OF VANCOUVER ISLAND 190 KM SW FROM FHC								
AUG 1	14 04 26.(1)	49.27 N(0.09)	128.96 W(0.16)	2.5	MR=4.7	15	18	4	F
NEIS	14 04 24.(1)	49.27 N( 3KM)	128.79 W( 5KM)	0.9		29	29	15	
	WEST OF VANCOUVER ISLAND DEPTH = 16. KM( 9) (NEIS) MAG. 3.8 ML(.4) FROM 4 STATIONS (EPB) 190 KM SW FROM FHC								

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
AUG 7	01 28 47.(2)	49.10 N(0.09)	129.01 W(0.19)	2.5		10 14 3 F
NEIS	01 28 44.(2)	49.16 N( 4KM)	129.03 W( 6KM)		MB=4.4	18 18 6
	WEST OF VANCOUVER ISLAND DEPTH = 20. KM(13) (NEIS) MAG. 3.5 ML( .2) FROM 3 STATIONS (EPB) 210 KM SW FROM FHC					
AUG 8	20 38 40.(3)	50.71 N(0.18)	130.85 W(0.23)	2.2	ML=3.6(0.4)	5 7 5 0
	WEST OF VANCOUVER ISLAND MAG. 2.7 MS( .2) FROM 3 STATIONS (EPB) 240 KM W FROM FHC					
AUG 15	04 35 23.(1)	49.51 N(0.10)	125.68 W(0.10)	1.3	ML=2.5(0.4)	3 7 3 F
	CENTRAL VANCOUVER ISLAND, IN STRATHCONA PARK 180 KM SE FROM FHC					
AUG 20	02 06 01.(2)	51.22 N(0.10)	130.76 W(0.17)	2.6	ML=4.5(0.4)	9 13 2 F
NEIS	02 06 02.(0)	51.53 N( 6KM)	130.62 W( 7KM)	1.3	MB=4.5	29 29 10
	WEST OF VANCOUVER ISLAND MAG. 3.9 MS( .2) FROM 12 STATIONS (EPB) 240 KM W FROM FHC					
AUG 29	05 45 23.(3)	49.20 N(0.07)	129.09 W(0.35)	1.3	ML=3.2(0.4)	4 6 3 0
	WEST OF VANCOUVER ISLAND 210 KM SW FROM FHC					
AUG 31	07 37 30.(1)	53.93 N(0.05)	133.28 W(0.12)	1.1	ML=3.7(0.6)	3 6 2 0
	NORTHWESTERN COAST OF QUEEN CHARLOTTE ISLANDS NEAR TIAN HEAD GCC NOT OPERATING 110 KM NW FROM GCC					
SEP 7	06 26 29.(1)	49.33 N(0.05)	123.85 W(0.04)	0.9	ML=1.2( )	3 6 1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 70 KM E FROM ALR					
SEP 7	21 28 15.(2)	48.86 N(0.05)	125.08 W(0.10)	0.8	ML=1.4( )	3 6 1 F
	WESTERN COAST OF VANCOUVER ISLAND, NEAR KILDONAN 50 KM S FROM ALB DEPTH = 10. KM(GEOPHYSICIST)					
SEP 8	08 37 08.(3)	50.37 N(0.10)	130.05 W(0.25)	1.1	ML=3.1(0.6)	3 5 2 0
	WEST OF VANCOUVER ISLAND ONE FORESHOCK AT FHC THIS DAY 190 KM W FROM FHC					
SEP 28	00 33 59.(3)	53.66 N(0.10)	132.18 W(0.22)	2.0	ML=3.7(0.4)	3 7 2 0
	NORTHERN QUEEN CHARLOTTE ISLANDS ONE POSSIBLE AFTERSHOCK AT GCC THIS DAY 45 KM N FROM GCC					
SEP 27	07 15 13.(2)	50.95 N(0.07)	129.92 W(0.12)	1.6	ML=2.8(0.2)	6 7 4 0
	WEST OF VANCOUVER ISLAND SWARM ACTIVITY AT FHC THIS DAY FHC RECORD INDICATES A SMALL FORESHOCK SEVEN SECONDS PREVIOUS TO THIS EVENT 180 KM W FROM FHC					
SEP 30	01 42 16.(0)	48.67 N(0.02)	124.83 W(0.02)	0.1	ML=1.5( )	3 5 1 0
	SOUTHWESTERN VANCOUVER ISLAND, NEAR NITINAT LAKE 70 KM S FROM ALB DEPTH = 10. KM(GEOPHYSICIST)					
OCT 6	04 10 50.(0)	50.54 N(0.01)	129.82 W(0.02)	0.1	ML=2.9(0.5)	3 4 2 0
	WEST OF VANCOUVER ISLAND 170 KM W FROM FHC					

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
OCT 6	04 47 01.(2)	50.70 N(0.10)	130.06 W(0.13)	2.0	ML=3.5(0.4)	5 8 4 F
	WEST OF VANCOUVER ISLAND 190 KM W FROM FHC					
OCT 6	17 22 39.(2)	50.62 N(0.10)	129.95 W(0.16)	1.5	ML=3.0(0.3)	4 5 3 0
	WEST OF VANCOUVER ISLAND 180 KM W FROM FHC					
OCT 6	18 37 53.(0)	49.21 N(0.01)	122.62 W(0.01)	0.1	ML=2.7(0.3)	3 6 2 F
	NORTHERN SHORE OF FRASER RIVER VALLEY, NORTH OF PITT MEADOWS, B.C. FELT(III) NORTH OF PORT COQUITLAM AND NEAR PITT MEADOWS 7 KM SW FROM HYC DEPTH = 5. KM(GEOPHYSICIST)					
OCT 7	03 05 06.(0)	49.29 N(0.01)	122.70 W(0.00)	0.1	ML=2.0(0.5)	4 8 2 F
	NORTHERN SHORE OF FRASER RIVER VALLEY, NORTH OF PITT MEADOWS, B.C. FELT(III) NORTH OF PORT COQUITLAM AND NEAR PITT MEADOWS 10 KM W FROM HYC DEPTH = 5. KM(GEOPHYSICIST)					
OCT 8	03 23 46.(2)	50.75 N(0.13)	129.66 W(0.17)	1.3	ML=2.6(0.7)	3 4 2 0
	WEST OF VANCOUVER ISLAND 160 KM W FROM FHC					
OCT 20	08 22 42.(3)	49.32 N(0.10)	127.86 W(0.18)	0.6	ML=2.3(0.2)	3 4 2 0
	OFF WESTERN COAST OF VANCOUVER ISLAND 160 KM S FROM FHC					
OCT 23	23 52 52.(1)	49.89 N(0.12)	126.73 W(0.18)	0.6	ML=1.8(0.5)	3 6 2 0
	WESTERN COAST OF VANCOUVER ISLAND 100 KM SE FROM FHC					
NOV 2	02 28 45.(1)	51.88 N(0.05)	115.98 W(0.06)	1.3	ML=2.5(0.2)	3 8 3 F
	ROCKY MOUNTAINS, WESTERN ALBERTA 230 KM SW FROM EDM					
NOV 19	10 20 47.(2)	51.70 N(0.10)	130.74 W(0.15)	1.7	ML=3.3(0.2)	3 5 3 0
	QUEEN CHARLOTTE SOUND, OFF CAPE ST. JAMES 200 KM SE FROM QCC					
NOV 21	03 24 34.(2)	51.55 N(0.10)	130.84 W(0.15)	1.6	ML=2.8(0.3)	3 5 3 0
	QUEEN CHARLOTTE SOUND, OFF CAPE ST. JAMES 210 KM SE FROM QCC					
NOV 22	14 27 32.(2)	50.63 N(0.14)	130.80 W(0.14)	0.7	ML=3.5( )	4 5 1 0
	WEST OF VANCOUVER ISLAND 240 KM W FROM FHC					
NOV 24	10 35 46.(2)	50.51 N(0.13)	130.49 W(0.17)	2.1	ML=4.0(0.2)	6 9 3 F
NEIS	10 35 43.(1)	51.52 N(15KM)	130.51 W(10KM)	1.3	MR=4.8	8 8 4
	WEST OF VANCOUVER ISLAND MAG. 3.1 MS(0.0) FROM 1 STATIONS (EPB) 220 KM W FROM FHC					
NOV 29	10 50 30.(1)	49.43 N(0.05)	126.79 W(0.07)	2.2	ML=4.4(0.6)	14 25 3 F
NEIS	10 50 33.(5)	49.61 N(32KM)	126.32 W(40KM)	1.0	MR=4.0	9 9 4
	OFF WESTERN COAST OF VANCOUVER ISLAND FELT(IV) AT ESTEVAN POINT AND Nootka LIGHTHOUSES MAG. 3.2 MS( .0) FROM 2 STATIONS (EPB) 150 KM S FROM FHC					
NOV 30	10 48 21.(0)	49.23 N(0.00)	123.62 W(0.00)	0.0	ML=4.9(0.2)	23 34 3 F
NEIS	10 48 22.(1)	49.36 N( 4KM)	123.51 W( 7KM)	1.0	MR=4.7	19 19 7
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO FELT(IV) IN VANCOUVER NANAIMO AND SECHELT FELT MILDLY IN VICTORIA, TOPING AND HOPE FIVE AFTERSHOCKS ARE LOCATED THIS DAY EIGHT SMALLER AFTERSHOCKS ARE VISIBLE AT HYC THIS DAY VIC CALCULATES A DEPTH OF 10. KM( 9) SEE FIG. 13 FOR DISTRIBUTION OF FELT REPORTS. MAG. 3.4 MS( .2) FROM 4 STATIONS (EPR) 80 KM W FROM HYC					

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG
NOV 30	10 51 49.(0)	49.23 N(0.00)	123.63 W(0.00)	0.0	ML=3.2( )	3	4	1 0
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO FELT(III) IN VANCOUVER AND NANAIMO 80 KM W FROM NYC							
NOV 30	11 28 06.(0)	49.23 N(0.02)	123.62 W(0.02)	0.4	ML=1.6( )	3	6	1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM NYC							
NOV 30	14 40 07.(0)	49.23 N(0.01)	123.63 W(0.01)	0.1	ML=2.5( )	3	6	1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO, B.C. 80 KM W FROM NYC							
NOV 30	15 39 45.(0)	49.22 N(0.00)	123.63 W(0.00)	0.1	ML=2.2( )	3	6	1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM NYC							
NOV 30	19 27 59.(0)	49.23 N(0.01)	123.63 W(0.01)	0.2	ML=2.2( )	3	6	1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM NYC							
DEC 1	23 14 15.(0)	49.25 N(0.04)	123.60 W(0.03)	0.8	ML=2.5(0.0)	4	7	2 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 70 KM W FROM NYC							
DEC 6	10 43 34.(2)	50.63 N(0.13)	130.68 W(0.15)	1.7	ML=3.1(0.2)	5	7	2 0
	WEST OF VANCOUVER ISLAND 230 KM W FROM PHC							
DEC 10	23 20 06.(0)	49.23 N(0.01)	123.63 W(0.01)	0.2	ML=2.7( )	3	6	1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM NYC							
DEC 11	03 38 32.(5)	49.42 N(0.34)	129.82 W(0.26)	1.7	ML=2.6( )	3	5	1 0
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC							
DEC 11	06 13 38.(3)	49.62 N(0.19)	129.89 W(0.14)	1.0	ML=2.5( )	3	5	1 0
	WEST OF VANCOUVER ISLAND 210 KM SW FROM PHC							
DEC 11	06 25 32.(3)	49.84 N(0.20)	130.17 W(0.17)	1.7	ML=2.6( )	3	6	1 0
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC							
DEC 11	06 27 39.(6)	49.63 N(0.49)	129.95 W(0.19)	1.1	ML=2.9( )	3	4	1 0
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC							
DEC 11	06 28 34.(1)	50.05 N(0.07)	130.19 W(0.10)	2.2		14	18	2 F
NEIS	06 28 36.(0)	50.15 N( 4KM)	129.93 W( 5KM)	1.2	MB=4.7	44	44	9
	WEST OF VANCOUVER ISLAND MAG. 4.1 ML(0.0) FROM 2 STATIONS (EPB) 210 KM W FROM PHC							
DEC 11	06 38 25.(3)	49.61 N(0.25)	130.12 W(0.19)	1.4	ML=3.0( )	3	5	1 0
	WEST OF VANCOUVER ISLAND 230 KM SW FROM PHC							
DEC 11	07 03 14.(2)	50.09 N(0.10)	130.11 W(0.17)	2.7		11	14	2 F
NEIS	07 03 14.(2)	50.18 N( 3KM)	129.85 W( 6KM)	1.1	MB=4.8	33	33	11
	WEST OF VANCOUVER ISLAND MAG. 3.9 ML( .0) FROM 2 STATIONS (EPB) MAG. 4.1 MS( .3) FROM 6 STATIONS (EPB) DEPTH = 22. KM(13) (NEIS) 200 KM W FROM PHC							

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
DEC 11	10 37 49.(7)	50.04 N(0.24)	130.02 W(0.23)	1.7	ML=3.1( )	4 5 1 0
	WEST OF VANCOUVER ISLAND 200 KM SW FROM PHC					
DEC 11	12 15 48.(0)	49.23 N(0.01)	123.64 W(0.01)	0.2	ML=1.9( )	3 6 1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM HYO					
DEC 11	12 22 34.(4)	50.55 N(0.31)	129.96 W(0.32)	2.0	ML=2.9( )	4 5 1 0
	WEST OF VANCOUVER ISLAND 180 KM W FROM PHC					
DEC 11	15 02 45.(1)	49.24 N(0.05)	123.78 W(0.07)	2.4	ML=3.8(0.1)	9 14 4 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO FELT(III) IN VANCOUVER AND NANAIMO 90 KM W FROM HYO					
DEC 11	16 17 45.(4)	49.72 N(0.26)	130.17 W(0.20)	1.5	ML=3.5(0.1)	3 5 2 0
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC					
DEC 12	00 09 50.(4)	49.69 N(0.28)	130.16 W(0.21)	1.5	ML=3.7(0.4)	3 5 2 0
	WEST OF VANCOUVER ISLAND 230 KM SW FROM PHC					
DEC 12	01 48 41.(3)	49.68 N(0.25)	130.16 W(0.19)	1.4	ML=4.1(0.2)	3 5 2 0
	WEST OF VANCOUVER ISLAND 230 KM SW FROM PHC					
DEC 12	01 52 40.(3)	50.02 N(0.22)	130.23 W(0.26)	2.3	ML=4.3(0.7)	4 6 2 0
	WEST OF VANCOUVER ISLAND 210 KM W FROM PHC					
DEC 12	02 14 32.(3)	49.98 N(0.20)	130.24 W(0.24)	2.1	ML=4.1(0.3)	4 6 2 0
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC					
DEC 12	08 07 58.(0)	49.21 N(0.01)	123.63 W(0.01)	0.2	ML=1.7( )	3 6 1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM HYO					
DEC 16	06 02 47.(1)	51.62 N(0.06)	130.53 W(0.09)	1.2	ML=2.7(0.2)	3 6 3 F
	QUEEN CHARLOTTE SOUND, MULTIPLE EVENT 210 KM SE FROM QCC					
DEC 18	07 20 02.(0)	49.23 N(0.01)	123.64 W(0.01)	0.1	ML=1.9( )	3 6 1 F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO 80 KM W FROM HYO					

38. WASHINGTON AND MONTANA EARTHQUAKES  
WEST OF 113.0 W

JAN 17 NEIS	04 18 56.(0)	47.44 N( 2KM)	114.35 W( 2KM)	0.8	MB=4.4	30 30 2 F
	NORTHWESTERN MONTANA FELT IN THE DIXON AREA					
JAN 31 NEIS	08 54 45.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MM=3.9(0.1)	19 27 6 F
	08 54 45.(0)	48.17 N( 2KM)	114.14 W( 2KM)	0.8	MB=4.1	35 35 6
	NORTHWESTERN MONTANA, NEAR KALISPELL FELT(VI) IN KALISPELL WITH MINOR DAMAGE. NOT REPORTED FELT IN CANADA. MAG. 3.8 ML (GS) DEPTH = 5 KM( 6) (NEIS) 340 KM SW FROM SES					

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JAN 31	09 43 16.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MN=2.7( )	3	6	1	F
	NORTHWESTERN MONTANA, NEAR KALISPELL. AFTERSHOCK 340 KM SW FROM SES								
JAN 31	17 51 41.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MN=2.5( )	3	5	1	0
	NORTHWESTERN MONTANA, NEAR KALISPELL. AFTERSHOCK 340 KM SW FROM SES								
FEB 2	02 06 08.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MN=3.2( )	4	7	1	F
	NORTHWESTERN MONTANA, NEAR KALISPELL 340 KM SW FROM SES								
FEB 2	05 11 54.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MN=2.8(0.3)	4	11	2	F
	NORTHWESTERN MONTANA, NEAR KALISPELL 340 KM SW FROM SES								
FEB 2	06 54 26.(0)	48.17 N(0.00)	114.14 W(0.00)	0.0	MN=2.4( )	3	7	1	F
	NORTHWESTERN MONTANA, NEAR KALISPELL 340 KM SW FROM SES								
FEB 4	01 32 52.(0)	48.21 N(0.00)	114.11 W(0.00)	0.0	MN=4.6(0.2)	27	35	7	F
NEIS	01 32 52.(1)	48.21 N( 2KM)	114.11 W( 2KM)	1.1	MP=4.6	50	50	6	
	NORTHWESTERN MONTANA, NEAR KALISPELL FELT(VI) IN MONTANA WITH MINOR DAMAGE TO PLASTER IN THE CRESTON-KALISPELL AREA. ALSO FELT(IV) AT TREGO, COLUMBIA FALLS, SWAN LAKE AND BIG ARM IN U.S. FELT(III) IN CANADA FROM GLENWOOD, ALBERTA, TO CRANBROOK KIMBERLEY AREA IN B.C. MAXIMUM EXTENT OF FELT AREA IN CANADA IS 250 KM NORTHWEST OF EPICENTRE. SEE FIG. 12 FOR ISOSEISMAL MAP. DEPTH = 8. KM (NEIS) MAG. 5.0 ML (GS) MAG. 3.6 MS( .3) FROM 4 STATIONS (EPB) 330 KM SW FROM SES								
FEB 24	05 14 13.(0)	48.21 N(0.00)	114.11 W(0.00)	0.0	MN=2.7( )	3	6	1	F
	NORTHWESTERN MONTANA, NEAR KALISPELL 330 KM SW FROM SES								
APR 10	10 57 18.(0)	46.95 N(0.03)	121.62 W(0.03)	1.2	ML=3.8(0.5)	19	23	2	F
NEIS	10 57 17.	46.93 N	121.59 W		ME=3.7	30	30	3	
	PUGET SOUND AREA, WASHINGTON MAG. 3.5 ML (GS) NEIS CALCULATES A DEPTH OF 2 KM 220 KM SE FROM VIC DEPTH = 2. KM(GEOPHYSICIST)								
APR 10	11 09 20.(0)	47.01 N(0.03)	121.59 W(0.04)	1.4	ML=2.9(0.4)	16	18	2	0
NEIS	11 09 22.	47.06 N	121.81 W			17	17	0	
	PUGET SOUND AREA, WASHINGTON MAG. 2.8 ML (GS) NEIS CALCULATES A DEPTH OF 4 KM 220 KM SE FROM VIC DEPTH = 4. KM(GEOPHYSICIST)								
APR 16	19 09 25.(2)	47.30 N(0.10)	123.16 W(0.07)	2.1	ML=3.5(0.4)	6	12	2	F
	PUGET SOUND AREA, WASHINGTON NOT REPORTED FELT 140 KM S FROM VIC DEPTH = 5. KM(GEOPHYSICIST)								
APR 18	04 57 57.(0)	46.97 N(0.02)	121.66 W(0.03)	1.2	ML=3.7(0.5)	20	25	2	F
NEIS	04 57 57.	46.94 N	121.64 W		ME=3.9	25	25	2	
	PUGET SOUND AREA, WASHINGTON FELT(III) IN SILVER CREEK AREA, MT. RANIER NAT. PARK MAG. 3.9 ML (SEA), 3.5 ML (GS) NEIS CALCULATES A DEPTH OF 5 KM 220 KM SE FROM VIC DEPTH = 5. KM(GEOPHYSICIST)								



DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
APR 23 NEIS	01 03 43.(0) 01 03 42.	47.11 N(0.02) 47.08 N	122.63 W(0.03) 122.64 W	1.1	ML=3.8(0.4) MB=4.0	24 27 2 40 40 5			F
PUGET SOUND AREA, WASHINGTON FELT(VI) AT SUMNER, WITH MINOR DAMAGE FELT(V) IN OLYMPIA-TACOMA AREA MAG. 3.8 ML (GS) NEIS CALCULATES A DEPTH OF 46 KM 170 KM S FROM VIC DEPTH = 35. KM(GEOPHYSICIST)									
JUL 14 NEIS	05 50 36.(2) 05 50 33.	47.35 N(0.12) 47.33 N	122.40 W(0.07) 122.41 W	1.4	ML=3.7( )	4 7 1			F
PUGET SOUND AREA, WASHINGTON FELT(V) AT DOCKTON AND MILTON DEPTH = 7. KM(NEIS) 150 KM SE FROM VIC									
JUL 24 NEIS	11 42 11.(3) 11 42 12.	47.28 N(0.13) 47.32 N	122.26 W(0.09) 122.41 W	1.7	ML=3.6(0.5)	4 7 2			F
PUGET SOUND AREA, WASHINGTON FELT(V) IN MILTON, PUYALLUP AND REDONDO DEPTH = 6. KM(NEIS) 160 KM SE FROM VIC									
SEP 5	01 56 09.(1)	47.95 N(0.04)	124.32 W(0.03)	0.3	ML=2.1( )	3 5 1			0
OLYMPIC PENINSULA, WASHINGTON 90 KM SW FROM VIC									
SEP 3	13 07 52.(1)	47.95 N(0.03)	124.41 W(0.03)	0.3	ML=2.4( )	3 6 1			0
OLYMPIC PENINSULA, WASHINGTON ONE POSSIBLE AFTERSHOCK AT VIC AND ALB 100 KM SW FROM VIC									
SEP 8	13 53 59.(2)	47.55 N(0.10)	121.95 W(0.08)	1.2	ML=2.1(0.2)	3 6 2			0
PUGET SOUND AREA, WASHINGTON 150 KM SE FROM VIC									
SEP 14	09 25 46.(2)	47.66 N(0.08)	122.46 W(0.06)	0.9	ML=1.7(0.1)	3 6 2			0
PUGET SOUND AREA, WASHINGTON 120 KM SE FROM VIC									
SEP 16	23 09 20.(0)	48.89 N(0.03)	122.21 W(0.02)	0.7	ML=1.8(0.0)	4 7 2			F
PUGET SOUND AREA, WASHINGTON 50 KM SE FROM VIC DEPTH = 10. KM(GEOPHYSICIST)									
SEP 18	12 19 29.(1)	47.77 N(0.06)	118.30 W(0.04)	1.2	ML=2.9(0.3)	5 11 2			F
EAST-CENTRAL WASHINGTON STATE 200 KM SE FROM PNT									
SEP 25	21 23 53.(1)	48.11 N(0.06)	122.45 W(0.04)	1.1	ML=3.1(0.5)	4 10 2			F
PUGET SOUND AREA, WASHINGTON 90 KM SE FROM VIC									
SEP 28	06 04 26.(1)	48.39 N(0.06)	122.71 W(0.06)	0.6	ML=1.8( )	3 5 1			0
PUGET SOUND AREA, WASHINGTON 50 KM E FROM VIC									
SEP 29	06 00 43.(0)	48.69 N(0.00)	123.07 W(0.00)	0.0	ML=2.3( )	3 5 1			0
PUGET SOUND AREA, WASHINGTON 30 KM NE FROM VIC									
OCT 3	22 05 27.(0)	48.62 N(0.04)	122.72 W(0.02)	0.4	ML=2.1(0.3)	3 6 3			0
SAN JUAN ISLANDS IN PUGET SOUND, WASHINGTON FORESHOCK 50 KM E FROM VIC									

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
OCT 3	22 31 26.(1)	48.65 N(0.05)	122.83 W(0.04)	1.3	ML=3.0(0.2)	5 9 3 F
	SAN JUAN ISLANDS IN PUGET SOUND, WASHINGTON 45 KM E FROM VIC					
OCT 7	06 31 48.(2)	48.14 N(0.11)	122.00 W(0.07)	1.6	ML=2.5(0.2)	4 7 2 F
	PUGET SOUND AREA, WASHINGTON STATE 110 KM SE FROM VIC					
OCT 14	11 54 15.(3)	47.35 N(0.14)	124.42 W(0.20)	1.9	ML=3.1( )	3 6 1 0
	OFF COAST OF NORTHWESTERN WASHINGTON INTERPRETATION OF THIS EVENT IS UNCERTAIN 150 KM SW FROM VIC					
OCT 20	14 17 55.(0)	48.20 N( 3KM)	114.28 W( 2KM)	0.6	MB=4.3	19 19 F
	NEIS MONTANA DEPTH = 25. KM( 6) (NEIS)					
OCT 27	05 50 48.(0)	48.79 N(0.02)	122.41 W(0.02)	0.5	ML=1.3( )	4 7 1 F
	WESTERN WASHINGTON, NEAR BELLINGHAM MULTIPLE EVENT, INFORMATION ON SECOND EVENT FOLLOWS 50 KM S FROM VIC					
OCT 27	05 51 04.(2)	48.78 N(0.06)	122.41 W(0.11)	0.7	ML=1.3( )	3 5 1 0
	WESTERN WASHINGTON, NEAR BELLINGHAM 50 KM S FROM VIC					
NOV 1	19 44 34.(1)	48.35 N(0.09)	122.82 W(0.06)	1.4	ML=2.3(0.3)	4 7 4 0
	SAN JUAN ISLANDS, WASHINGTON STATE 50 KM SE FROM VIC					
NOV 5	09 28 17.(1)	48.11 N(0.09)	121.99 W(0.05)	1.4	ML=2.8(0.1)	4 9 2 F
	PUGET SOUND AREA, WASHINGTON STATE 120 KM SE FROM VIC					
NOV 11	00 17 25.(0)	47.48 N(0.00)	123.02 W(0.00)	0.0	ML=2.0(0.9)	3 3 2 0
	PUGET SOUND AREA, WASHINGTON STATE 120 KM S FROM VIC					
NOV 13	12 00 02.(1)	47.69 N(0.06)	122.30 W(0.04)	0.9	ML=1.9(0.0)	3 8 2 0
	PUGET SOUND AREA, WASHINGTON STATE 120 KM SE FROM VIC					
NOV 21	00 46 15.(1)	46.29 N(0.05)	123.23 W(0.09)	0.2	ML=2.4(0.4)	3 4 2 0
	PUGET SOUND AREA, WASHINGTON STATE 250 KM S FROM VIC					
NOV 24	13 00 22.(2)	46.40 N(0.13)	126.59 W(0.19)	1.1	ML=3.3( )	3 6 1 0
	OFF COAST OF WASHINGTON 340 KM SW FROM VIC					
DEC 6	23 40 30.(2)	46.37 N(0.09)	122.54 W(0.09)	0.8	ML=2.8(0.5)	3 5 2 0
	SOUTHERN WASHINGTON STATE 250 KM S FROM VIC					
DEC 11	11 50 51.(3)	47.97 N(0.13)	113.46 W(0.10)	1.3	MB=2.6( )	3 5 1 0
	NORTHWESTERN MONTANA, NEAR FLATHEAD LAKE 320 KM SW FROM SES					
DEC 12	15 40 54.(3)	46.31 N(0.13)	126.47 W(0.27)	0.9	ML=3.2( )	3 5 1 0
	OFF COAST OF WASHINGTON 340 KM SW FROM VIC					
DEC 13	11 27 43.(2)	46.28 N(0.10)	126.37 W(0.16)	0.7	ML=3.6( )	3 6 1 0
	OFF COAST OF WASHINGTON 330 KM SW FROM VIC					

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG

3C. SOUTHEASTERN ALASKAN EARTHQUAKES  
SOUTH OF 60.0 N

APR 30	20 09 55.(2)	57.26 N(0.07)	135.79 W(0.24)	1.8	ML=3.8(0.3)	3	6	2	0
	SOUTHEASTERN ALASKA 390 KM S FROM WHC								
JUL 11	01 14 10.(1)	58.47 N(0.05)	133.38 W(0.10)	1.2	ML=3.3( )	4	7	1	0
	SOUTHEASTERN ALASKA, NEAR BORDER WITH BRITISH COLUMBIA 270 KM S FROM WHC								
JUL 11	12 31 36.(2)	58.30 N(0.09)	133.36 W(0.18)	1.8	ML=3.1( )	4	6	1	0
	SOUTHEASTERN ALASKA, NEAR BORDER WITH BRITISH COLUMBIA 290 KM S FROM WHC								
SEP 24	14 17 54.(0)	59.88 N( 7KM)	141.85 W( 3KM)	0.4	MB=4.2	8	8	2	0
NEIS	SOUTHEASTERN ALASKA ONE FORESHOCK AT WHC DEPTH = 52. KM( 6)								

TABLE 4  
CENTRAL CANADA AND ADJACENT AREAS  
1975

(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

DATE 1975	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA				
						STN	PHA	MAG		
4A. CANADIAN EARTHQUAKES										
FEB 28	22 25 14.(2)	58.21 N(0.07)	103.73 W(0.18)	2.3	MN=2.4(0.2)	4	5	3	0	
NORTHEASTERN SASKATCHEWAN, NEAR WCLLSTON LAKE PROBABLE BLAST. 400 KM N FROM FFC										
4B. U.S. EARTHQUAKES EAST OF 113.0 W										
MAR 18	06 19 16.(3)	47.15 N(0.16)	112.64 W(0.12)	1.4	MN=2.3( )	3	5	1	0	
MONTANA 380 KM S FROM SES										
JUL 09	14 54 15.(0)	45.64 N( 2KM)	96.04 W( 1KM)	1.0	MB=4.6	60	60	14	F	
NEIS MINNESOTA, ABOUT 500 KM SOUTH OF WINNIPEG, MANITOBA FELT(VII) WITH MINOR DAMAGE IN WESTERN MINNESOTA. FELT ALSO IN NORTH DAKOTA AND IOWA. NOT FELT IN CANADA. DEPTH = 10. KM(GEOPHYSICIST) (NEIS)										
JUL 18	15 06 22.(0)	46.72 N( 3KM)	112.12 W( 2KM)	0.8					0	
NEIS MONTANA FELT(IV) AT FORT HARRISON, MARYSVILLE AND HELENA DEPTH = 5. KM(GEOPHYSICIST)										
JUL 18	18 39 03.(0)	46.69 N( 7KM)	112.13 W( 2KM)	0.7	ML=3.1	16	16		F	
NEIS MONTANA FELT IN HELENA AREA DEPTH = 5. KM(GEOPHYSICIST)										
JUL 19	12 00 23.(0)	46.69 N( 2KM)	112.10 W( 1KM)	0.6	ML=3.5	22	22		F	
NEIS MONTANA FELT IN HELENA AREA DEPTH = 5. KM(GEOPHYSICIST) (NEIS)										
AUG 25	10 00 17.(2)	44.25 N(21KM)	100.45 W( 8KM)	1.4		7	7		0	
NEIS SOUTH DAKOTA. NOT PLOTTED ON FIG. 14 DEPTH = 5. KM(GEOPHYSICIST)										

TABLE 5

## UNLOCATED EVENTS RECORDED AT ALB

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				ALB RECOMMENCED OPERATION ON SEPTEMBER 01, 1975 ALB MAGNIFICATION IS UNCERTAIN FOR SEPTEMBER-DECEMBER NO MAGNITUDES ARE LISTED FOR THIS PERIOD
SEP 3	13 23 24.	150		ALSO AT VIC
SEP 6	07 49 34.	82		ALSO AT HVC, POOR AT VIC
SEP 6	23 04 10.	133		ALSO AT PHC
SEP 6	23 32 41.	146		NOT RECORDED ELSEWHERE
SEP 21	02 07 24.	141		ALSO AT HVC, NOT AT VIC. BUTE INLET
SEP 21	19 12 13.	150		ALSO AT HVC, NOT AT VIC. TORA INLET
OCT 19	22 49 25.	141		ALSO AT VIC, NOT AT PHC
OCT 30	23 17 15.	158		ALSO AT PHC
NOV 6	14 04 11.	167		POOR AT PHC
NOV 19	13 47 29.	111		ALSO AT VIC
DEC 15	00 21 47.	47		
DEC 15	02 37 12.	79		POOR AT VIC
DEC 24	23 28 04.	47		POOR AT VIC, NOISE AT HVC
DEC 27	01 54 21.	82		ALSO AT VIC, HVC NOT OPERATING

TABLE 6

## UNLOCATED EVENTS RECORDED AT ALE

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 12	09 32 57.	798	ML=2.9	ALSO AT RES. NOT AT MRC
JAN 26	00 52 19.	812	ML=3.4	NO LG, ARCTIC OCEAN.
FEB 4	21 49 49.	856	MN=3.3	PROBABLY EASTERN GREENLAND. ALSO AT RES. NOT AT DAG
FEB 11	06 27 30.	404	ML=2.6	VERY POOR EVENT. PHASES UNCERTAIN.
MAR 20	05 32 57.	911	ML=3.9	NO LG, ARCTIC OCEAN
MAR 25	09 23 36.	1065	ML=3.6	NO LG, PROBABLY OFF EASTERN GREENLAND
APR 10	19 53 11.	371	ML=2.4	POOR PHASES. FROM AN E-W DIRECTION.
MAY 2	07 33 60.	801	ML=3.7	NO LG, ARCTIC OCEAN
MAY 10	12 41 26.	348	ML=2.6	NO LG, ARCTIC OCEAN
MAY 12	12 09 34.	944	ML=3.6	NO LG, ARCTIC OCEAN
MAY 17	01 32 03.	613	ML=3.3	NO LG, ARCTIC OCEAN
MAY 17	17 07 21.	635	MN=2.6	PROBABLY EASTERN GREENLAND
MAY 20	10 02 41.	1691	MN=3.9	PROBABLY EASTERN GREENLAND. NOT AT RES AND FRB
MAY 23	11 29 32.	107	ML=1.0	
JUN 21	06 58 28.	911	ML=3.3	NO LG, ARCTIC OCEAN. ALSO AT DAG P 06 59 40
JUN 21	19 35 25.	812	MN=3.1	PROBABLY EASTERN GREENLAND. DAG P 19 36 01
JUN 26	10 43 08.	801	ML=3.1	NO LG, ARCTIC OCEAN
JUN 30	03 43 52.	889	ML=3.8	NO LG, ARCTIC OCEAN
JUL 1	03 27 21.	964	ML=4.1	NO LG, ARCTIC OCEAN
JUL 1	21 20 49.	768	ML=3.6	NO LG, ARCTIC OCEAN
JUL 13	12 05 20.	841	ML=3.7	NO LG, ARCTIC OCEAN. ALSO AT DAG P 12 06 44.6
JUL 16	19 30 59.	1010	ML=3.6	NO LG, ARCTIC OCEAN.
JUL 18	00 35 03.	955	ML=3.8	NO LG, ARCTIC OCEAN. ALSO AT DAG P 00 36 12.7
JUL 22	11 33 50.	966	ML=3.7	NO LG, ARCTIC OCEAN
AUG 6	05 48 29.	966	ML=3.5	NO LG, ARCTIC OCEAN. MAX IN P
AUG 7	04 09 36.	514	ML=3.0	NO LG, ARCTIC OCEAN
SEP 5	00 44 39.	746	MN=2.8	PROBABLY EASTERN GREENLAND. NOT RECORDED ELSEWHERE
SEP 5	23 56 08.	1155	ML=4.5	NO LG, ARCTIC OCEAN. ALSO AT DAG, P 23 57 24.7
SEP 10	07 57 33.	779	ML=3.5	NO LG, ARCTIC OCEAN
SEP 19	09 01 18.	809	ML=3.5	NO LG, ARCTIC OCEAN. POOR AT MRC, NOT AT RES
OCT 13	09 57 18.	291	ML=2.8	NORTHERN GREENLAND OR ELLESMERE ISLAND. NOT AT RES
OCT 22	09 52 35.	217	ML=2.3	NO LG, ARCTIC OCEAN. NOT AT RES OR MRC
OCT 22	23 10 02.	289	ML=2.2	NO LG, ARCTIC OCEAN. EAST OR WEST OF ALE

OCT 28	21 12 12.	414	ML=2.3	PROBABLY NORTHERN GREENLAND
NOV 24	04 31 19.	999	ML=3.7	NO LG, ARCTIC OCEAN
DEC 4	15 37 46.	338	ML=3.0	ALSO AT RES
DEC 9	06 54 15.	338	ML=2.6	
DEC 12	21 12 14.	900	ML=3.6	NO LG, ARCTIC OCEAN. MAX IN P

TABLE 7

## UNLOCATED EVENTS RECORDED AT BLC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 30	22 51 17.	261	ML=2.4	DISTANCE UNCERTAIN. POORLY RECORD AT RES
FEB 28	12 27 28.	509	MN=2.7	NEAR SOUTHAMPTON ISLAND, N.W.T. POOR AT FRP AND FCC
JUL 28	21 21 07.	319	ML=3.1	ALSO AT FCC. PROBABLY NORTHEAST OF BLC
JUL 28	21 42 28.	414	ML=3.6	DISTANCE UNCERTAIN. PROBABLY NORTHEAST OF BLC
JUL 29	19 11 44.	388	ML=2.7	DISTANCE UNCERTAIN
AUG 26	07 45 00.	220	ML=2.7	
AUG 28	09 18 27.	287	ML=2.3	
AUG 30	02 53 50.	261	ML=2.3	
SEP 21	18 48 09.	268	ML=3.0	POOR AT IGL

TABLE 8

## UNLOCATED EVENTS RECORDED AT CHQ

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
NOV 4	14 06 45.	153	ML=2.5	ALSO AT MNO, NOISE AT POC AND MNT. POOR AT MIQ

TABLE 9

## UNLOCATED EVENTS RECORDED AT EDM

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 13	20 30 06.	303	ML=2.5	ALSO AT SES
SEP 6	21 02 31.	234	ML=2.2	POSSIBLE BLAST. POOR AT SES
NOV 4	08 58 55.	228	ML=2.3	POSSIBLE BLAST

TABLE 10

## UNLOCATED EVENTS RECORDED AT FCC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUL 28	21 20 58.	754	MN=2.7	DISTANCE UNCERTAIN. ALSO AT BLC

TABLE 11

## UNLOCATED EVENTS RECORDED AT FFC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 8	18 17 18.	158	ML=1.2	POSSIBLE BLAST
FEB 22	23 58 47.	133	ML=1.7	

TABLE 12

## UNLOCATED EVENTS RECORDED AT FRB

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 9	04 20 19.	166	ML=1.6	NOT AT SCH
FEB 26	17 43 33.	209	ML=1.9	
MAY 29	19 08 54.	754	MN=2.9	PROBABLY BAFFIN ISLAND. NOT RECORDED ELSEWHERE
JUN 24	07 01 38.	448	ML=3.5	NO LG, DAVIS STRAIT
JUN 27	02 40 47.	763	MN=2.9	PROBABLY BAFFIN ISLAND. POOR AT BLC, NOT AT RES OR PBO
JUL 31	21 31 60.	649	MN=3.1	DISTANCE UNCERTAIN. PROBABLY BAFFIN ISLAND
SEP 7	22 39 43.	374	ML=2.5	ALSO AT SCH, NOT AT PRQ. LARRADOR

TABLE 13

## UNLOCATED EVENTS RECORDED AT FSJ

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAR 12	12 17 24.	413	ML=3.1	ALSO AT PHC
MAY 10	09 45 59.	607	ML=3.1	ALSO AT PHC
JUL 26	08 40 45.	657	ML=3.5	ALSO AT PHC
JUL 28	13 56 11.	624	ML=3.4	ALSO AT PHC
AUG 28	18 51 45.	579	ML=3.3	ALSO AT PHC
OCT 4	20 14 05.	541	ML=3.1	ALSO AT PHC
DEC 11	05 52 33.	668	ML=3.1	ALSO AT PHC

TABLE 14

## UNLOCATED EVENTS RECORDED AT HAL

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 17	00 58 54.	47	ML=2.0	POSSIBLE BLAST
JAN 17	02 53 27.	56	ML=2.1	POSSIBLE BLAST
JAN 17	03 11 48.	56	ML=2.2	POSSIBLE BLAST
FEB 18	15 35 53.	38	ML=2.6	POSSIBLE BLAST. NOT AT UNB
OCT 6	22 28 42.	514	ML=3.8	AFTERSHOCK. ALSO AT STJ. SEE TABLE 1A

TABLE 15

## UNLOCATED EVENTS RECORDED AT HVC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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HVC COMMENCED OPERATION ON SEPTEMBER 01, 1975  
HVC MAGNIFICATION IS UNCERTAIN FOR SEPTEMBER-DECEMBER  
NO MAGNITUDES ARE LISTED FOR THIS PERIOD

SEP 6	02 52 11.	95		ALSO AT VIC, POOR AT ALB AND PNT
SEP 6	07 49 34.	103		ALSO AT ALB
SEP 16	21 21 34.	80		ALSO AT VIC
SEP 20	00 12 12.	99		ALSO AT VIC, POOR AT PNT
SEP 21	02 07 25.	209		ALSO AT ALB
SEP 21	19 12 15.	184		ALSO AT ALB
SEP 30	07 24 20.	75		ALSO AT VIC
OCT 1	14 06 35.	100		ALSO AT VIC
OCT 28	22 52 53.	103		ALSO AT VIC, POOR AT ALB. WASHINGTON
OCT 29	01 01 21.	32		DEPTH = 10. KM (GEOPHYSICIST)
OCT 29	07 44 30.	51		ALSO AT VIC, NOT AT ALB OR PNT POOR AT VIC, NOT AT ALB OR PNT

NOV 3	02 48 58.	27		DEPTH = 10. KM (GEOPHYSICIST) NOT RECORDED ELSEWHERE
NOV 5	21 46 48.	107		ALSO AT VIC
NOV 27	10 47 26.	150		ALSO AT VIC
NOV 27	12 41 45.	107		ALSO AT VIC
NOV 28	08 24 21.	192		PCOR AT VIC, NOISE AT ALB
NOV 30	10 59 17.	73		FIRST OF ABOUT EIGHT SMALL AFTERSHOCKS VISIBLE AT HYC SEE TABLE 3A FOR SIX LOCATED EVENTS THIS DAY
DEC 17	02 12 34.	62		PCOR AT VIC
DEC 17	03 24 27.	64		POOR AT VIC
DEC 20	01 11 59.	133		ALSO AT VIC

TABLE 16

## UNLOCATED EVENTS RECORDED AT IGL

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
IGL COMMENCED OPERATION ON SEPTEMBER 03, 1975				
SEP 7	04 35 16.	201	ML=1.6	DISTANCE UNCERTAIN
IGL DID NOT OPERATED FOR SEPT 09-16				
OCT 21	10 34 05.	172		MAGNITUDE UNCERTAIN, NOT AT RES, FEB OR BLC
NOV 6	21 02 43.	343	ML=2.5	
NOV 26	01 05 09.	591	ML=3.5	NO LG, BAFFIN BAY. ALSO AT RES
DEC 10	05 04 40.	319	ML=2.6	

TABLE 17

## UNLOCATED EVENTS RECORDED AT INK

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	01 07 48.	312	ML=2.6	PROBABLY YUKON
JAN 3	20 11 09.	89	ML=1.4	
JAN 11	15 18 14.	306	ML=2.4	
JAN 12	15 54 10.	166	ML=2.0	POSSIBLE BLAST
JAN 13	18 47 38.	107	ML=1.5	
JAN 16	23 44 30.	236	ML=2.6	PROBABLY NORTHERN YUKON
JAN 23	15 39 41.	357	ML=3.0	NORTHERN YUKON OR ALASKA
JAN 27	20 28 41.	198	ML=1.8	
JAN 31	01 19 14.	204	ML=2.1	
FEB 2	00 18 02.	141	ML=1.2	PROBABLE BLAST
FEB 7	19 45 17.	238	ML=2.1	NOT RECORDED ELSEWHERE
FEB 8	17 42 23.	111	ML=1.2	NOT RECORDED ELSEWHERE
FEB 9	06 34 24.	685	MN=2.1	NCT AT MRC YKC WHC
FEB 11	20 28 57.	133	ML=1.9	POSSIBLE BLAST
FEB 13	13 16 46.	226	ML=2.0	
FEB 18	09 17 52.	338	ML=2.7	
FEB 22	05 23 08.	129	ML=1.6	
FEB 23	05 38 35.	514	MN=2.5	NORTHERN YUKON. NOT RECORDED ELSEWHERE
FEB 24	10 40 35.	750	MN=2.3	SOUTHEASTERN YUKON. POORLY RECORDED AT WHC AND YKC
FEB 24	23 13 41.	294	ML=2.1	DISTANCE UNCERTAIN. NOT AT YKC OR MRC
FEB 26	00 24 21.	145	ML=2.1	BLAST OF 40000 LBS AT FCRT MCPHERSON, NWT
FEB 28	15 59 60.	524	MN=2.7	POORLY RECORDED AT WHC
MAR 1	22 30 21.	214	ML=2.2	PROBABLY YUKON
MAR 2	02 01 38.	259	ML=2.2	PROBABLY YUKON
MAR 7	00 05 03.	256	ML=2.4	
MAR 7	13 59 10.	312	ML=2.4	PROBABLY YUKON, NOT RECORDED MRC, YKC OR WHC
MAR 8	00 27 00.	133	ML=2.7	
MAR 8	11 42 14.	316	ML=2.4	NO LG, BEAUFORT SEA
MAR 9	16 43 21.	139	ML=1.7	NOT SEEN AT WHC, MRC, YKC
MAR 11	00 37 28.	268	ML=2.7	



MAR 11	21 52 23.	195	ML=2.3
MAR 12	02 40 36.	223	ML=1.8
MAR 13	05 32 47.	201	ML=1.7
MAR 14	01 08 60.	972	MN=3.0
MAR 14	09 54 18.	207	ML=1.9
MAR 14	23 09 05.	265	ML=2.3
MAR 20	15 58 07.	82	ML=1.6
MAR 20	20 15 18.	669	MN=2.5
MAR 24	11 32 46.	344	ML=2.2
MAR 28	01 42 11.	274	ML=1.4
MAR 29	15 36 54.	382	ML=2.7
MAR 30	15 59 40.	382	ML=2.5
MAR 30	18 42 58.	382	ML=2.7
MAR 31	09 02 18.	382	ML=2.2
MAR 31	22 46 15.	382	ML=3.1
APR 1	00 55 06.	151	ML=1.9
APR 1	10 25 26.	426	ML=2.8
APR 1	14 09 34.	404	ML=2.5
APR 3	22 11 18.	185	ML=1.9
APR 4	01 28 33.	150	ML=1.6
APR 4	19 17 37.	382	ML=2.7
APR 4	21 10 16.	210	ML=2.6
APR 5	08 16 28.	415	ML=3.0
APR 6	11 50 58.	217	ML=1.8
APR 8	00 55 56.	144	ML=1.8
APR 8	14 23 38.	470	ML=2.8
APR 9	02 59 05.	206	ML=2.1
APR 10	02 10 21.	148	ML=2.1
APR 12	02 12 46.	152	ML=2.1
APR 14	23 51 30.	404	ML=2.3
APR 15	18 51 38.	152	ML=2.5
APR 19	01 38 26.	458	ML=3.1
APR 29	13 06 46.	201	ML=2.6
MAY 3	10 48 28.	508	MN=2.6
MAY 4	02 38 29.	153	ML=1.5
MAY 6	08 33 23.	160	ML=1.4
MAY 8	06 08 34.	377	ML=2.6
MAY 10	04 50 43.	569	ML=3.2
MAY 10	05 04 30.	798	ML=3.7
MAY 12	00 35 30.	64	ML=1.2
MAY 12	11 05 08.	503	ML=3.1
MAY 12	23 42 46.	283	ML=2.3
MAY 13	06 36 00.	261	ML=2.3
MAY 17	04 51 11.	160	ML=1.7
MAY 18	07 51 22.	228	ML=2.1
MAY 24	00 57 09.	350	ML=2.9
MAY 27	16 10 14.	107	ML=1.6
MAY 28	20 11 42.	192	ML=2.2
JUN 8	23 53 30.	206	ML=2.0
JUN 12	02 31 26.	178	ML=2.2
JUN 12	10 54 13.	250	ML=2.2
JUN 13	03 50 30.	231	ML=2.3
JUN 17	06 38 29.	132	ML=1.8
JUN 17	08 38 55.	166	ML=1.7
JUN 18	00 43 18.	228	ML=2.0
JUN 24	21 16 45.	392	ML=3.0
JUN 28	09 16 02.	192	ML=1.7
JUN 29	13 52 47.	185	ML=1.9
JUL 3	01 08 24.	259	ML=2.6
JUL 5	06 30 57.	129	ML=1.3
JUL 5	09 34 19.	328	ML=3.3
JUL 11	07 21 53.	220	ML=2.7
JUL 14	11 14 47.	357	ML=2.5
JUL 15	01 02 07.	437	ML=2.8
JUL 18	13 47 05.	184	ML=1.6
JUL 19	03 26 07.	226	ML=1.9
JUL 19	07 08 26.	415	ML=2.9
JUL 19	10 26 59.	173	ML=2.2

ALSO AT WMC. PROBABLY SOUTHERN ALASKA

PROBABLY NORTHERN ALASKA. NOT AT MRC OR YKC

NORTHEASTERN ALASKA. SEE TABLE 2B FOR SIMILAR LOCATED EVENTS IN THIS AREA. POORLY RECORDED AT MRC

NORTHEASTERN ALASKA. POOR AT MRC

NORTHEASTERN ALASKA. POOR AT MRC

NORTHEASTERN ALASKA

NORTHEASTERN ALASKA. POOR AT MRC

NORTHEASTERN ALASKA. ALSO AT MRC

YUKON

YUKON

NORTHEASTERN ALASKA. ALSO AT MRC

YUKON

NORTHEASTERN ALASKA. ALSO AT MRC

NORTHEAST OF INK. UNUSUAL SIGNATURE

POOR AT MRC

ALSO AT YKC

ALSO AT MRC. POOR AT YKC. PROBABLY YUKON

ALSO AT WMC. PROBABLY CENTRAL YUKON OR ALASKA

POSSIBLE BLAST

POOR AT MRC. PROBABLY ALASKA

POSSIBLE BLAST

POSSIBLE BLAST

POSSIBLE BLAST

POSSIBLE FORESHOCK. SEE TABLE 2A

PROBABLY YUKON

NO LG, BEAUFORT SEA. ALSO AT MRC

DISTANCE UNCERTAIN

DISTANCE UNCERTAIN

NO LG, BEAUFORT SEA. ALSO AT MRC

JUL 19	13 14 34.	185	ML=2.6	
JUL 20	23 59 20.	176	ML=2.6	
JUL 26	07 02 26.	158	ML=2.9	NOT RECORDED ELSEWHERE
JUL 29	12 16 47.	167	ML=1.2	SOUTHWEST OF INK. NOT AT YKC
AUG 3	02 40 14.	141	ML=1.5	
AUG 5	18 34 14.	327	ML=2.6	
AUG 6	11 52 37.	503	MN=3.0	PROBABLY YUKON. POOR AT WHC
AUG 8	22 01 13.	319	ML=3.1	ALASKA. PROBABLE AFTERSHOCK. SEE TABLE 28
AUG 9	12 21 17.	459	ML=3.1	PROBABLY ALASKA
AUG 17	02 16 20.	241	ML=3.4	YUKON. POOR AT YKC
AUG 17	04 45 47.	192	ML=1.3	
AUG 17	10 35 15.	192	ML=1.5	
AUG 18	14 36 47.	312	ML=2.6	PROBABLY ALASKA
AUG 20	03 14 58.	236	ML=2.0	
AUG 21	22 20 26.	192	ML=2.5	
AUG 23	19 04 03.	134	ML=1.6	
AUG 24	09 10 56.	90	ML=1.4	
AUG 25	13 20 27.	382	ML=3.1	
AUG 25	18 18 46.	211	ML=1.4	POOR AT WHC. PROBABLY ALASKA
AUG 27	09 17 09.	179	ML=1.5	
AUG 30	04 28 02.	280	ML=2.4	
AUG 30	07 24 41.	175	ML=1.8	
SEP 1	08 12 13.	217	ML=1.5	DISTANCE UNCERTAIN
SEP 3	01 47 42.	448	ML=3.7	ALSO AT WHC. WESTERN YUKON
SEP 7	00 58 07.	250	ML=2.7	
SEP 7	09 04 04.	476	ML=3.9	ALSO AT WHC. NOT AT YKC. WESTERN YUKON
SEP 7	12 35 40.	190	ML=1.9	FORESHOCK OF EVENT ON SEP 08. SEE TABLE 28
SEP 8	08 49 52.	371	ML=2.9	NOT RECORDED ELSEWHERE. DISTANCE UNCERTAIN
SEP 8	09 16 42.	196	ML=2.7	
SEP 15	04 29 24.	223	ML=1.8	DISTANCE UNCERTAIN
SEP 16	12 12 20.	167	ML=1.2	
SEP 21	10 16 32.	185	ML=1.5	
SEP 23	02 13 35.	558	ML=2.9	NO LG, BEAUFORT SEA. ALSO AT MBC. NOT AT RES OR YKC
SEP 25	16 28 54.	569	MN=2.7	PROBABLY ALASKA. NOT AT MBC OR YKC
SEP 26	13 25 54.	528	MN=2.6	PROBABLY ALASKA
SEP 27	01 31 58.	509	ML=3.6	CENTRAL ALASKA. ALSO AT WHC. NOT AT YKC
SEP 28	17 34 04.	179	ML=2.0	
OCT 10	08 28 47.	470	ML=2.8	
OCT 12	00 59 10.	151	ML=2.4	
OCT 14	00 58 07.	146	ML=2.5	POSSIBLE BLAST. SOUTHEAST OF INK
OCT 16	02 19 59.	195	ML=1.8	
OCT 21	01 12 38.	338	ML=2.4	
OCT 22	11 00 10.	281	ML=2.4	SOUTHWEST OF INK
OCT 23	15 51 33.	217	ML=1.8	
OCT 24	01 10 39.	223	ML=1.9	DISTANCE UNCERTAIN
OCT 24	05 05 29.	350	ML=2.6	PROBABLY CENTRAL ALASKA. POOR AT WHC
OCT 24	11 04 29.	158	ML=1.7	
OCT 24	16 31 27.	214	ML=2.5	
OCT 25	05 06 34.	176	ML=1.4	
OCT 26	00 54 24.	198	ML=1.9	
OCT 27	16 27 44.	192	ML=1.9	
OCT 28	06 12 25.	470	ML=3.2	PROBABLY CENTRAL ALASKA, ALSO AT WHC
OCT 29	19 43 33.	204	ML=2.2	
OCT 30	19 36 41.	341	ML=2.2	NORTHERN YUKON
OCT 31	08 02 59.	140	ML=1.4	POSSIBLE BLAST
OCT 31	11 12 44.	414	ML=2.1	DISTANCE UNCERTAIN
NOV 1	21 44 03.	557	MN=2.4	ALASKA. POOR AT WHC
NOV 4	07 45 22.	173	ML=1.8	ALASKA. POOR AT WHC
NOV 5	02 27 16.	305	ML=2.7	NO LG, BEAUFORT SEA
NOV 5	23 57 06.	702	MN=2.5	POOR LG, PROBABLY NORTHERN ALASKA. NOT AT MBC
NOV 12	01 28 50.	331	ML=2.8	DISTANCE UNCERTAIN
NOV 14	06 09 02.	261	ML=1.7	DISTANCE UNCERTAIN
NOV 16	00 39 53.	150	ML=2.5	ALSO AT MBC. NOT AT WHC OR YKC
NOV 16	03 52 33.	388	ML=2.6	
NOV 17	01 39 35.	223	ML=1.7	
NOV 18	13 02 42.	889	ML=3.9	ALASKA. POOR AT WHC. NOT AT YKC
NOV 21	18 53 12.	158	ML=1.9	
NOV 23	21 10 13.	781	MN=2.6	PROBABLY ALASKA
NOV 24	04 13 45.	185	ML=1.2	

NOV 24	21 17 15.	415	ML=2.6	NO LG, BEAUFORT SEA. ALSO AT MRC
NOV 26	19 18 07.	547	MN=2.2	ALASKA. POOR AT WHC
DEC 1	15 33 39.	389	ML=3.3	PROBABLY YUKON
DEC 5	22 02 14.	147	ML=2.3	
DEC 8	23 54 45.	150	ML=2.5	
DEC 15	01 58 28.	204	ML=2.4	
DEC 19	23 02 57.	239	ML=2.7	
DEC 21	13 20 29.	724	ML=3.1	PROBABLY NORTHERN ALASKA
DEC 21	23 23 39.	151	ML=2.4	
DEC 25	18 15 04.	280	ML=1.7	POOR
DEC 26	06 14 16.	344	ML=2.0	DISTANCE UNCERTAIN
DEC 26	13 40 03.	1045	MN=2.8	PROBABLY ALASKA
DEC 26	22 37 23.	401	ML=2.6	
DEC 27	00 04 60.	1514	MN=2.9	PROBABLY ALASKA
DEC 27	00 36 30.	977	ML=3.2	WHC NO TIME MARKS. PROBABLY ALASKA
DEC 27	01 31 49.	977	ML=3.7	ALSO AT BLY, WHC NO TIME MARKS. ALASKA
DEC 27	23 30 52.	178	ML=1.4	
DEC 29	04 45 13.	350	ML=2.3	DISTANCE UNCERTAIN
DEC 29	09 06 07.	166	ML=1.4	
DEC 29	21 17 20.	165	ML=1.4	SOUTHWEST OF INK
DEC 31	08 47 00.	156	ML=1.6	

TABLE 18

UNLOCATED EVENTS RECORDED AT MRC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	16 52 44.	350	ML=2.5	NORTHEAST OF MELVILLE ISLAND, ALSO RECORDED AT RES
JAN 4	02 35 06.	338	ML=2.7	NORTHEAST OF MELVILLE ISLAND, ALSO RECORDED AT RES
JAN 14	16 25 42.	338	ML=1.9	
JAN 16	18 07 17.	327	ML=2.0	
JAN 22	19 38 25.	338	ML=2.0	ALSO AT RES
JAN 24	07 31 22.	338	ML=2.3	ALSO AT RES
JAN 24	21 11 49.	133	ML=2.4	THIS AND FOLLOWING TWO EVENTS ARE LARGEST OF 25 AFTERSHOCKS TO EVENT AT 20 52 TODAY. SEE TABLE 2A. POORLY RECORDED AT RES
JAN 24	21 37 31.	124	ML=2.2	
JAN 24	23 08 09.	133	ML=2.3	
JAN 25	02 11 16.	133	ML=2.2	THIS AND FOLLOWING EVENT ARE LARGEST OF 11 AFTERSHOCKS THIS DAY TO THE EVENT OF 24 JAN AT 20 52. SEE TABLE 2A. POORLY RECORDED AT RES
JAN 25	23 12 14.	133	ML=2.3	
JAN 26	06 52 43.	133	ML=2.0	LARGEST OF FOUR THIS DAY
JAN 29	09 21 35.	338	ML=2.5	ALSO AT RES
FEB 1	00 43 49.	141	ML=2.2	
FEB 3	00 17 55.	133	ML=1.3	FORESHOCK. SEE TABLE 2A FOR LOCATION OF MAIN SHOCK
FEB 3	00 39 22.	136	ML=1.4	AFTERSHOCK OF EVENT AT 0018
FEB 7	16 33 06.	350	ML=2.2	NORTHEAST OF MELVILLE ISLAND, ALSO AT RES
FEB 17	00 31 56.	141	ML=1.7	NORTHEAST OF MRC
FEB 21	01 53 31.	38	ML=0.7	
FEB 21	05 22 27.	47	ML=0.7	
FEB 24	01 05 09.	56	ML=1.9	THE LARGEST OF ABOUT 60 SIMILAR EARTHQUAKES OCCURRING BETWEEN 04H FEB 23 AND 03H FEB 25
FEB 25	11 21 46.	73	ML=1.8	
FEB 26	06 29 54.	89	ML=0.8	
FEB 26	07 09 10.	56	ML=0.8	
FEB 26	08 59 02.	299	ML=2.0	NORTHEAST OF MELVILLE ISLAND, ALSO AT RES
FEB 26	20 53 00.	47	ML=0.7	
FEB 26	22 07 50.	133	ML=1.2	
FEB 26	22 15 15.	137	ML=1.2	
FEB 26	22 33 28.	141	ML=2.1	
MAR 10	08 52 10.	29	ML=0.3	DEPTH = 10. KM (GEOPHYSICIST)
MAR 12	04 52 06.	134	ML=0.9	
MAR 24	06 37 04.	99	ML=1.3	
MAR 26	00 28 06.	338	ML=2.5	NORTHEAST OF MELVILLE ISLAND, ALSO AT RES
MAR 29	04 56 17.	305	ML=1.6	NORTHEAST OF MELVILLE ISLAND, POOR AT RES
APR 1	10 25 22.	1098	ML=3.2	NORTHEASTERN ALASKA, ALSO AT INK

APR 4	19 17 33.	1043	ML=3.1	NORTHEASTERN ALASKA. ALSO AT INK
APR 5	08 16 28.	1054	ML=3.3	NORTHEASTERN ALASKA. ALSO AT INK
APR 16	04 18 51.	294	ML=1.7	ALSO AT RES
APR 21	14 19 30.	338	ML=2.0	POORLY RECORDED AT RES. NOT AT INK
APR 24	14 47 04.	414	ML=2.4	FOOR AT RES
MAY 3	15 06 02.	338	ML=2.6	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
MAY 4	14 36 55.	338	ML=2.2	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
MAY 10	04 50 49.	1208	ML=3.4	ALSO AT INK
MAY 19	10 34 03.	338	ML=1.9	ALSO AT RES
MAY 23	15 11 26.	73	ML=1.4	
MAY 29	01 38 45.	338	ML=2.4	ALSO AT RES
MAY 29	02 55 10.	349	ML=2.7	ALSO AT RES
JUN 3	05 29 33.	27	ML=1.5	LARGEST OF 15 AFTERSHOCKS THIS DAY SEE TABLE 2A FOR MAIN SHOCK DEPTH = 10. KM(GEOPHYSICIST)
JUN 4	14 00 12.	82	ML=2.5	
JUN 4	16 36 14.	27	ML=1.7	LARGEST OF 2 AFTERSHOCKS THIS DAY DEPTH = 10. KM(GEOPHYSICIST)
JUN 6	23 11 49.	228	ML=1.5	
JUN 9	07 12 38.	27	ML=0.9	AFTERSHOCK DEPTH = 10. KM(GEOPHYSICIST)
JUN 13	08 21 48.	64	ML=1.2	
JUN 15	02 25 13.	27	ML=0.8	AFTERSHOCK DEPTH = 10. KM(GEOPHYSICIST)
JUN 15	04 13 41.	73	ML=0.8	
JUN 17	12 17 51.	111	ML=1.3	
JUN 22	02 28 27.	133	ML=1.6	
JUN 26	15 14 09.	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUN 27	21 08 07.	116	ML=2.2	SOUTHEAST OF MBC. POOR AT RES
JUN 28	17 15 07.	116	ML=1.4	LARGEST OF THREE THIS DAY
JUN 29	09 10 28.	107	ML=2.1	LARGEST OF FOUR UNLOCATED EVENTS THIS DAY. SOUTHEAST OF MBC SEE TABLE 2A FOR LOCATED EVENT THIS DAY
JUN 30	06 26 19.	99	ML=1.5	
JUL 1	12 17 51.	110	ML=0.9	
JUL 2	04 33 06.	104	ML=1.4	
JUL 15	01 02 08.	558	ML=2.7	
JUL 15	21 03 39.	24	ML=1.5	NO LG. ALSO AT INK FORESHOCK. MAGNITUDE UNCERTAIN. SEE TABLE 2A DEPTH = 10. KM(GEOPHYSICIST)
JUL 19	07 08 26.	603	ML=3.2	NO LG. ALSO AT INK
JUL 19	13 03 12.	64	ML=1.5	NORTH OF MRC
JUL 24	02 20 57.	56	ML=1.2	
JUL 28	15 56 37.	255	ML=2.2	FOOR AT RES
AUG 12	23 36 39.	23	ML=0.9	PROBABLY NCRTHWEST OF MBC DEPTH = 10. KM(GEOPHYSICIST)
AUG 28	07 24 53.	64	ML=1.2	
AUG 29	09 48 08.	107	ML=1.4	
AUG 29	18 17 21.	107	ML=1.3	
AUG 31	20 40 53.	107	ML=1.2	
SEP 6	06 50 23.	6	ML=-.1	DEPTH = 5. KM(GEOPHYSICIST)
SEP 16	12 18 02.	195	ML=1.4	FOOR
SEP 23	02 13 50.	1032	ML=3.1	NO LG, BEAUFORT SEA. DISTANCE UNCERTAIN. ALSO AT INK
SEP 24	10 00 23.	82	ML=1.1	
SEP 25	22 47 53.	64	ML=0.1	
SEP 26	06 16 25.	16	ML=1.4	LARGEST OF 14 THIS DAY. NORTHEAST OF MRC MAGNITUDE AND DISTANCE UNCERTAIN. POOR AT RES DEPTH = 5. KM(GEOPHYSICIST)
SEP 26	23 58 26.	99	ML=0.4	
SEP 27	19 29 33.	13	ML=0.3	LARGEST OF SEVEN THIS DAY DEPTH = 10. KM(GEOPHYSICIST)
SEP 28	01 54 02.	16	ML=0.8	LARGEST OF 15 THIS DAY. NORTHEAST OF MRC DEPTH = 5. KM(GEOPHYSICIST)
OCT 3	18 57 36.	26	ML=0.1	NORTHEAST OF MRC DEPTH = 10. KM(GEOPHYSICIST)
OCT 3	18 58 31.	26	ML=-.4	DEPTH = 10. KM(GEOPHYSICIST)
OCT 20	00 10 21.	23	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
OCT 21	05 41 58.	86	ML=1.3	
OCT 21	09 53 12.	90	ML=0.4	
OCT 23	00 53 02.	349	ML=2.1	ALSO AT RES
OCT 24	10 41 17.	465	ML=2.1	DISTANCE UNCERTAIN. POOR AT RES

OCT 26	09 01 15.	147	ML=0.8	
NOV 16	00 39 47.	1197	ML=3.0	ALSO AT INK
NOV 20	13 21 33.	294	ML=2.0	DISTANCE UNCERTAIN
NOV 24	21 17 12.	569	ML=2.8	NO LG, BEAUFORT SEA. ALSO AT INK
NOV 26	05 52 35.	32	ML=0.9	PROBABLY NORTHWEST OF MBC DEPTH = 10. KM(GEOPHYSICIST)
NOV 26	20 38 09.	23	ML=1.6	MULTIPLE EVENT. NORTHWEST OF MBC. NOT RECORDED ELSEWHERE MAGNITUDE UNCERTAIN DEPTH = 10. KM(GEOPHYSICIST)
NOV 27	18 28 25.	23	ML=1.6	NORTHWEST OF MBC. MAGNITUDE UNCERTAIN DEPTH = 10. KM(GEOPHYSICIST)
DEC 24	23 37 33.	39	ML=1.1	
DEC 25	18 48 48.	15	ML=0.8	SOUTHEAST OF MBC DEPTH = 10. KM(GEOPHYSICIST)

TABLE 19

## UNLOCATED EVENTS RECORDED AT MCC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 8	13 20 55.	73	ML=1.8	UPPER THOMPSON RIVER, WEST OF LEMPRIERE, P.C.

TABLE 20

## UNLOCATED EVENTS RECORDED AT MIQ

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
APR 3	22 04 21.	31	ML=1.5	NEAR GRACEFIELD, QUE. POSSIBLE BLAST POORLY RECORDED AT OTT. NOT AT MNT OR SUC DEPTH = 10. KM(GEOPHYSICIST)
APR 23	17 40 39.	97	ML=2.2	ALSO AT OTT. NOT AT MNT OR SUC
APR 26	08 25 01.	28	ML=0.6	
JUN 22	18 12 48.	37	ML=0.8	MAX IN P. NOT AT OTT OR MNT
AUG 9	06 01 57.	58	ML=2.4	ALSO AT OTT, NOT AT MNT
AUG 11	02 21 03.	32	ML=0.4	NOT AT OTT
NOV 10	20 58 02.	15	ML=0.8	DEPTH = 5. KM(GEOPHYSICIST)
NOV 24	01 35 30.	56	ML=1.5	AFTERSHOCK. SEE TABLE 1A
NOV 29	10 12 34.	42	ML=1.0	
DEC 15	09 00 23.	37	ML=1.0	

TABLE 21

## UNLOCATED EVENTS RECORDED AT MNG

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 19	17 18 52.	90		POSSIBLE BLAST. NOT AT SCH, SIC NOT OPERATING MAGNITUDE UNCERTAIN, LESS THAN 3
JUN 7	10 39 58.	281	ML=2.3	ALSO AT SIC, POOR AT UNR
JUN 21	06 15 26.	224	ML=1.3	SIC NOT OPERATING, NOT AT SCH OR UNR
JUL 19	06 04 39.	167	ML=1.9	POSSIBLE BLAST
JUL 23	08 58 32.	55	ML=1.5	
JUL 25	02 25 27.	204	ML=2.3	POSSIBLE BLAST
AUG 2	06 41 38.	157	ML=1.9	POSSIBLE BLAST
AUG 3	09 41 23.	192	ML=2.4	POSSIBLE BLAST
AUG 11	15 59 31.	150	ML=2.2	POSSIBLE BLAST
AUG 12	16 55 50.	238	ML=2.7	POSSIBLE BLAST
AUG 18	19 06 38.	230	ML=1.9	POSSIBLE BLAST
SEP 7	09 57 26.	183	ML=2.1	NOT RECORDED ELSEWHERE, SIC AND MIQ NOT OPERATING
SEP 21	15 46 34.	32	ML=0.7	

FOR THE MANIC-3 SEQUENCE, ONLY THOSE INDUCED EVENTS WITH MAGNITUDE GREATER THAN 1.0 APPROXIMATELY ARE LISTED HERE. SEE TABLE 1A ON OCT 24 FOR A DISCRPTION OF THIS SEQUENCE AND THE MAIN EVENT.

SEP 22	17 41 21.	79	ML=0.7	FIRST INDUCED EVENT DEPTH = 3. KM(GEOPHYSICIST)
SEP 24	01 27 21.	140	ML=1.8	ALSO AT SIC
SEP 24	02 16 43.	80	ML=0.7	DEPTH = 3. KM(GEOPHYSICIST)
SEP 24	06 51 12.	244	ML=1.9	ALSO AT SIC
SEP 27	08 48 18.	84	ML=1.4	LARGEST OF TWO THIS DAY DEPTH = 3. KM(GEOPHYSICIST)
OCT 2	00 16 29.	416	ML=3.2	DISTANCE UNCERTAIN, EAST OF MNO. ALSO AT SCH, NOT AT UNB, STJ OR CHQ. SIC NOT OPERATING
OCT 2	17 19 34.	135	ML=1.1	ALSO AT SIC
OCT 9	04 43 59.	75	ML=1.2	DEPTH = 3. KM(GEOPHYSICIST)
OCT 11	12 31 33.	75	ML=1.0	LARGEST OF TWO THIS DAY DEPTH = 3. KM(GEOPHYSICIST)
OCT 15	17 16 36.	75	ML=1.4	DEPTH = 3. KM(GEOPHYSICIST)
OCT 19	08 00 14.	75	ML=1.9	DEPTH = 3. KM(GEOPHYSICIST)
OCT 21	20 23 26.	74	ML=1.0	LARGEST OF TWO THIS DAY DEPTH = 3. KM(GEOPHYSICIST)
OCT 23	21 29 26.	77	ML=1.3	LARGEST OF FOUR UNLOCATED EVENTS THIS DAY SEE TABLE 1A FOR LOCATION OF MAIN SHOCK DEPTH = 3. KM(GEOPHYSICIST)
OCT 24	16 17 14.	83	ML=1.5	DEPTH = 3. KM(GEOPHYSICIST)
OCT 26	08 52 03.	75	ML=0.8	LARGEST OF TWO THIS DAY DEPTH = 3. KM(GEOPHYSICIST)
OCT 27	17 53 55.	75	ML=0.8	DEPTH = 3. KM(GEOPHYSICIST) LARGEST OF THREE THIS DAY
OCT 29	02 23 43.	75	ML=1.2	DEPTH = 3. KM(GEOPHYSICIST)
OCT 31	14 38 26.	75	ML=0.7	DEPTH = 3. KM(GEOPHYSICIST)
NOV 2	19 39 46.	79	ML=0.8	DEPTH = 3. KM(GEOPHYSICIST)
NOV 4	14 06 57.	300	ML=2.8	ALSO AT CHQ
NOV 9	05 31 07.	75	ML=1.4	POOR AT SIC DEPTH = 3. KM(GEOPHYSICIST)
NOV 11	13 25 20.	74	ML=1.6	DEPTH = 3. KM(GEOPHYSICIST)
NOV 13	01 46 51.	40	ML=-.0	
NOV 19	08 48 10.	82	ML=0.8	DEPTH = 3. KM(GEOPHYSICIST)
NOV 20	04 24 47.	80	ML=0.6	DEPTH = 3. KM(GEOPHYSICIST)
NOV 23	14 25 22.	166	ML=1.2	ALSO AT SIC
NOV 26	20 31 27.	75	ML=0.9	ALSO AT SIC DEPTH = 3. KM(GEOPHYSICIST)
DEC 2	06 05 19.	75	ML=0.8	DEPTH = 3. KM(GEOPHYSICIST)
DEC 5	03 54 45.	75	ML=1.2	DEPTH = 3. KM(GEOPHYSICIST)
DEC 11	12 34 17.	67	ML=1.3	DEPTH = 3. KM(GEOPHYSICIST)
DEC 13	22 31 34.	75	ML=1.1	DEPTH = 3. KM(GEOPHYSICIST)
DEC 19	18 24 08.	75	ML=1.7	LARGEST OF TWO THIS DAY DEPTH = 3. KM(GEOPHYSICIST)

TABLE 22

UNLOCATED EVENTS RECORDED AT OTT

DATE	H-TIME (GMT)	DELTA	MAGNITUDE	REMARKS
1975	HR MN SEC	KM		
APR 23	17 39 40.	201	ML=2.4	ALSO AT MIO
AUG 9	06 01 60.	147	ML=2.0	ALSO AT MIO

TABLE 23

UNLOCATED EVENTS RECORDED AT PHC

DATE	H-TIME (GMT)	DELTA	MAGNITUDE	REMARKS
1975	HR MN SEC	KM		
JAN 11	15 05 56.	184	ML=1.5	
JAN 25	20 01 25.	195	ML=2.4	POORLY RECORDED AT FSJ
JAN 26	14 22 04.	195	ML=2.3	
JAN 27	23 58 25.	173	ML=1.8	
FEB 14	04 12 08.	195	ML=2.3	
FEB 18	20 35 03.	195	ML=2.6	

FEB 18	20 55 01.	195	ML=2.5	
FEB 19	01 00 13.	173	ML=2.3	
MAR 11	13 50 04.	195	ML=2.7	
MAR 12	12 17 02.	163	ML=2.9	WEST OF VANCOUVER ISLAND. ALSO RECORDED AT FSJ
MAR 19	00 20 35.	217	ML=2.6	
MAR 19	11 48 51.	195	ML=2.6	
MAR 20	21 13 05.	184	ML=2.9	PROBABLY AFTERSHOCK. SEE TABLE 3A POORLY RECORDED AT FSJ AND QCC. NOT AT VIC
MAR 22	20 57 41.	195	ML=2.0	
MAR 30	08 18 02.	82	ML=2.7	
APR 9	22 49 47.	185	ML=2.1	PROBABLY WEST OF PHC
APR 19	05 12 46.	162	ML=2.3	
APR 19	05 14 31.	162	ML=2.4	
APR 19	21 23 52.	195	ML=2.2	
APR 28	02 37 03.	151	ML=2.6	
MAY 10	09 45 59.	155	ML=2.5	ALSO AT FSJ, NOT AT QCC OR VIC
MAY 16	12 59 56.	217	ML=2.6	
MAY 16	18 01 39.	206	ML=2.5	
MAY 16	21 42 02.	198	ML=2.6	POORLY RECORDED AT QCC AND FSJ
MAY 16	21 53 45.	201	ML=2.6	
MAY 18	17 20 34.	190	ML=2.5	
MAY 23	16 19 43.	305	ML=3.0	DISTANCE UNCERTAIN. ALSO AT QCC
MAY 24	12 44 09.	250	ML=2.7	DISTANCE UNCERTAIN. ALSO AT QCC
MAY 26	16 11 25.	382	ML=3.4	POOR AT QCC AND FSJ
MAY 27	18 34 42.	86	ML=3.0	POOR AT VIC, FSJ AND PNT
JUN 2	19 49 26.	133	ML=2.6	POSSIBLY SOUTHEAST OF PHC
JUN 12	20 46 20.	90	ML=3.1	UNUSUAL SIGNATURE, POSSIBLE BLAST. NOT RECORDED ELSEWHERE
JUN 14	06 04 47.	206	ML=2.5	
JUN 19	11 31 34.	173	ML=2.0	
JUN 21	11 51 57.	217	ML=2.7	
JUN 25	08 40 13.	195	ML=2.3	ALSO AT QCC
JUN 26	02 50 03.	73	ML=2.7	SOUTHWEST OF PHC. NOT AT VIC
JUL 5	03 41 32.	155	ML=2.2	
JUL 7	10 43 09.	195	ML=3.3	LARGEST OF THREE THIS DAY. POOR AT FSJ
JUL 15	11 31 49.	195	ML=2.9	
JUL 17	01 29 25.	195	ML=3.0	
JUL 19	01 45 56.	184	ML=3.0	
JUL 19	03 17 30.	283	ML=2.6	ALSO AT QCC
JUL 24	00 12 17.	305	ML=2.6	DISTANCE UNCERTAIN. SIMILAR SMALLER EVENTS THIS DAY
JUL 24	02 02 24.	195	ML=1.6	
JUL 24	07 41 42.	195	ML=2.6	
JUL 26	07 01 57.	195	ML=2.3	SWARM ACTIVITY, SIX SIMILAR SMALLER EVENTS THIS DAY
JUL 26	08 04 24.	195	ML=2.6	POOR AT FSJ
JUL 26	08 40 49.	195	ML=2.7	ALSO AT FSJ. NOT AT QCC
JUL 27	23 47 06.	184	ML=2.1	
JUL 28	13 56 14.	195	ML=3.2	SWARM ACTIVITY, THREE SIMILAR SMALLER EVENTS THIS DAY WEST OF PHC. ALSO AT FSJ, NOT AT QCC
JUL 28	17 52 55.	195	ML=2.4	
AUG 1	16 40 06.	118	ML=2.9	SOUTH OF PHC
AUG 1	21 02 43.	77	ML=1.6	LARGEST OF SIX UNUSUAL EVENTS BETWEEN 19 AND 22 HOURS CONFIRMED EXPLOSION OF 200 LBS WEST OF VANCOUVER ISLAND
AUG 3	01 28 39.	107	ML=2.1	LARGEST OF SIX UNUSUAL EVENTS BETWEEN 23 H AUG 02 AND 02 H AUG 3. CONFIRMED EXPLOSION OF 200 LBS
AUG 8	21 08 18.	173	ML=2.3	LARGEST OF SIX SIMILAR EVENTS BETWEEN 21 H AND 03 H AUG 9 DISTANCE UNCERTAIN. CONFIRMED EXPLOSION OF 600 LBS
AUG 9	23 01 02.	140	ML=2.3	LARGEST OF NINE SIMILAR EVENTS BETWEEN 20 H AUG 09 AND 01 H AUG 10. DISTANCE UNCERTAIN. CONFIRMED EXPLOSION OF 600 LBS
AUG 11	05 06 21.	256	ML=2.9	EXPLOSION OF 6000 LBS 190 KM WEST OF PHC DETONATION OCCURRED AT 05 06 28.04 +/- 0.8 GMT COORDINATES OF THE SHOT POINT ARE 50.020 N 129.879 W CHARGE WAS SUSPENDED AT A DEPTH OF 200 FT IN 2.67 KM OF WATER RECORDED WELL AT PHC, BUT NOT ON ANY OTHER STATION FIRST MOTION IS DILATATION AT PHC PHC RECORD SHOWS WELL DEVELOPED T PHASE AT 05 07 57 DISTANCE AND H TIME CALCULATED FROM THE PHC RECORD ARE UNCERTAIN BECAUSE OF POOR S PHASE

AUG 14	02 32 22.	212	ML=2.7	
AUG 18	01 52 59.	349	ML=3.1	NOT RECORDED ELSEWHERE, OCC NOT OPERATING
AUG 18	11 08 41.	82	ML=2.3	
AUG 19	00 32 25.	415	ML=3.3	NOT RECORDED ELSEWHERE, OCC NOT OPERATING
AUG 19	00 42 60.	195	ML=2.7	
AUG 28	18 51 51.	206	ML=2.6	ALSO AT FSJ, OCC NOT OPERATING
AUG 29	22 47 14.	195	ML=2.6	
AUG 29	16 57 17.	184	ML=2.7	LARGEST OF SIX AFTERSHOCKS THIS DAY. SEE TABLE 3A
AUG 30	02 02 14.	195	ML=2.1	
AUG 30	10 35 46.	184	ML=2.1	
AUG 31	06 20 31.	184	ML=2.2	
AUG 31	21 22 24.	151	ML=2.1	DISTANCE UNCERTAIN
SEP 4	14 29 04.	194	ML=2.2	
SEP 6	23 04 05.	107	ML=1.5	ALSO AT ALB, NOT AT HYC. WESTERN VANCOUVER ISLAND
SEP 8	08 32 34.	190	ML=2.4	WEST OF PHC. FORESHOCK. SEE TABLE 3A OCC NOT OPERATING DISTANCE UNCERTAIN
SEP 13	04 41 40.	184	ML=1.9	
SEP 13	05 14 07.	195	ML=2.0	
SEP 21	18 51 38.	64	ML=1.4	POSSIBLE BLAST. DISTANCE UNCERTAIN
SEP 22	12 46 04.	228	ML=2.3	
SEP 23	18 51 13.	195	ML=2.3	
SEP 25	00 04 39.	107	ML=1.6	POSSIBLE BLAST
SEP 25	12 54 40.	206	ML=2.0	
SEP 25	15 58 24.	141	ML=1.7	
SEP 26	00 36 50.	173	ML=2.2	
SEP 26	23 38 08.	173	ML=2.0	
SEP 27	08 37 22.	173	ML=2.4	LARGEST OF THREE UNLOCATED EVENTS THIS DAY. POOR AT FSJ SEE TABLE 3A FOR SIMILAR LOCATED EVENTS
OCT 4	20 13 58.	228	ML=2.7	ALSO AT FSJ, POOR AT OCC
OCT 6	05 48 51.	206	ML=2.1	SWARM ACTIVITY. SEE TABLE 3A FOR SIMILAR LOCATED EVENT POOR AT ALB, NOT AT FSJ, PNT, OCC OR VIC POOR AT ALB AND FSJ, NOT AT OCC VIC OR PNT
OCT 6	05 57 45.	179	ML=2.2	
OCT 6	06 25 33.	217	ML=2.1	
OCT 9	08 44 42.	195	ML=2.6	POOR AT ALB, OCC AND FSJ
OCT 21	10 44 30.	201	ML=2.1	NOT RECORDED ELSEWHERE
OCT 22	09 09 04.	190	ML=2.5	WEST OF PHC
OCT 24	05 56 44.	162	ML=2.0	NOT AT ALB OR VIC
OCT 24	14 14 33.	195	ML=2.2	NOT AT ALB OR VIC
OCT 30	23 17 16.	95	ML=0.7	POSSIBLE BLAST. ALSO AT ALB
NOV 4	23 04 28.	184	ML=3.2	POOR AT FSJ AND ALB, NOT AT OCC
NOV 9	14 33 54.	61	ML=1.6	
NOV 11	00 17 43.	186	ML=2.6	POOR AT FSJ, NOT AT OCC OR ALB
NOV 23	10 53 22.	184	ML=2.6	
DEC 8	23 30 49.	206	ML=1.8	
DEC 10	17 59 40.	195	ML=1.9	
DEC 11	03 36 36.	168	ML=1.8	ALSO AT OCC, POOR AT FSJ
DEC 11	05 52 40.	173	ML=2.3	ALSO AT FSJ, POOR AT OCC
DEC 11	06 32 30.	190	ML=2.4	MORE THAN 20 ADDITIONAL EVENTS ARE VISIBLE AT PHC SOME ARE POORLY RECORDED AT FSJ, NOISE AT ALB SEE TABLE 3A FOR NINE LOCATED EVENTS THIS DAY
DEC 12	01 59 59.	184	ML=2.2	
DEC 12	06 36 01.	217	ML=2.2	
DEC 15	22 18 26.	195	ML=2.3	
DEC 16	00 43 38.	190	ML=2.3	
DEC 22	07 37 16.	195	ML=2.6	
DEC 26	11 28 37.	184	ML=2.4	

TABLE 24

UNLOCATED EVENTS RECORDED AT PNT

DATE 1975	H-TIME(GHT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 7	06 11 52.	236	ML=2.6	ALSO RECORDED AT VIC
JAN 7	07 19 29.	426	ML=3.5	ALSO AT VIC
JAN 19	07 17 53.	217	ML=2.9	ALSO AT VIC. STRONG S PHASE
JAN 20	21 45 02.	211	ML=2.1	ALSO AT VIC
JAN 23	13 24 05.	395	ML=3.1	ALSO AT SES



JAN 25	13 37 06.	22	ML=1.7	POORLY RECORDED AT SFS. NOT AT PNT. DEPTH = 10. KM(GEOPHYSICIST)
MAR 19	17 12 35.	236	ML=2.5	ALSO AT VIC
APR 9	00 04 43.	192	ML=2.5	ALSO AT VIC
MAY 6	13 47 31.	188	ML=1.9	ALSO AT VIC
MAY 11	02 42 38.	262	ML=2.3	PROBABLY SOUTHEAST OF PNT. NOT AT SES OR VIC
MAY 19	13 47 40.	218	ML=2.2	ALSO AT VIC
MAY 19	13 58 57.	218	ML=2.4	ALSO AT VIC
MAY 23	02 33 34.	384	ML=2.9	ALSO AT VIC
JUN 8	23 30 20.	503	ML=2.2	PROBABLY SOUTHERN WASHINGTON. ALSO AT VIC
JUN 19	07 28 29.	228	ML=2.2	NOT AT VIC
JUN 25	03 17 06.	64	ML=2.1	NOT AT VIC
JUN 29	03 05 37.	192	ML=2.5	NOT AT VIC
JUN 30	02 50 03.	31	ML=1.4	SOUTH OF PNT DEPTH = 10. KM(GEOPHYSICIST)
JUL 2	22 30 48.	181	ML=2.2	ALSO AT VIC
JUL 14	02 26 52.	323	ML=2.7	ALSO AT VIC
JUL 18	12 01 53.	268	ML=2.3	ALSO AT VIC
JUL 19	08 04 11.	64	ML=1.4	
AUG 30	08 48 06.	173	ML=1.9	
SEP 6	07 04 15.	352	ML=2.8	ALSO AT SES, POOR AT EDM. MONTANA OR IDAHO
OCT 7	03 37 16.	264	ML=2.1	ALSO AT VIC
OCT 13	09 57 22.	195	ML=2.4	NOT AT SES, VIC OR MCC
NOV 7	04 48 38.	243	ML=2.6	FCOR AT SES
NOV 16	06 03 42.	234	ML=2.0	ALSO AT VIC
NOV 21	00 36 08.	129	ML=2.4	NOT AT VIC OR SES, PROEABLY SOUTH OF PNT
DEC 27	03 02 42.	57	ML=2.2	NORTH OF PNT. MAGNITUDE UNCERTAIN
DEC 31	03 23 35.	268	ML=2.6	PROBABLY SOUTH OF PNT, NOT AT VIC OR SES

TABLE 25

UNLOCATED EVENTS RECORDED AT POC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAY 19	14 25 14.	13	ML=0.6	POSSIBLE BLAST DEPTH = 5. KM(GEOPHYSICIST)
AUG 20	01 09 38.	23	ML=0.9	POOR AT CHG. SFA NOT OPERATING DEPTH = 10. KM(GEOPHYSICIST)
DEC 19	04 37 40.	16	ML=1.6	DEPTH = 5. KM(GEOPHYSICIST)

TABLE 26

UNLOCATED EVENTS RECORDED AT OCC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	11 50 58.	115	ML=2.2	
JAN 7	19 17 01.	73	ML=1.9	
JAN 7	19 24 21.	73	ML=1.5	
JAN 13	01 00 56.	73	ML=1.6	
JAN 14	21 40 14.	133	ML=2.6	
JAN 23	16 58 56.	141	ML=2.4	
JAN 27	08 25 30.	64	ML=1.8	
JAN 30	13 23 10.	38	ML=2.2	
FEB 10	23 17 59.	116	ML=2.8	
FEB 12	13 15 42.	133	ML=2.3	
FEB 14	12 19 33.	64	ML=2.0	
FEB 14	13 45 12.	64	ML=1.8	
FEB 28	10 41 28.	116	ML=2.0	
MAR 10	06 15 50.	167	ML=2.3	
MAR 14	03 16 40.	150	ML=3.0	ON OR NEAR QUEEN CHARLOTTE ISLANDS POORLY RECORDED AT FSJ. NOT AT PHC
MAR 26	00 12 14.	64	ML=2.2	POSSIBLE BLAST
MAR 26	15 51 13.	64	ML=1.9	POSSIBLE BLAST
MAR 26	21 15 23.	64	ML=2.2	POSSIBLE BLAST
MAR 30	06 47 41.	95	ML=2.8	

APR 5	20 40 10.	60	ML=2.3	
APR 16	10 56 52.	116	ML=2.3	
APR 23	15 29 12.	56	ML=0.4	
APR 30	03 37 13.	47	ML=2.3	POSSIBLE BLAST. FM = 0
MAY 10	05 51 08.	67	ML=2.9	POOR AT FSJ
MAY 10	07 09 12.	67	ML=2.0	
MAY 23	16 19 51.	195	ML=2.8	LARGEST OF 9 AFTERSHOCKS THIS DAY. SEE TABLE 3A
				ALSO AT PHC. POOR AT FSJ
MAY 24	12 44 08.	195	ML=2.5	LARGEST OF 8 AFTERSHOCKS THIS DAY. SEE TABLE 3A
				ALSO AT PHC. POOR AT FSJ
MAY 31	23 31 45.	56	ML=2.5	POSSIBLE BLAST
JUN 21	11 51 51.	228	ML=2.6	ALSO AT PHC
JUL 9	18 16 37.	219	ML=2.1	
JUL 9	19 23 06.	212	ML=2.3	
JUL 13	07 59 20.	66	ML=2.0	POSSIBLE BLAST
JUL 19	03 17 32.	250	ML=3.3	ALSO AT PHC. NOT AT FSJ
AUG 13	04 33 02.	64	ML=2.5	POSSIBLE BLAST

OCC DID NOT OPERATE AUG 14-SEP 24

SEP 28	05 25 15.	28	ML=0.9	POSSIBLE AFTERSHOCK. SEE TABLE 3A
OCT 10	22 12 07.	107	ML=2.4	NOT AT FSJ OR OCC
NOV 9	02 02 13.	73	ML=1.7	
NOV 11	20 57 12.	116	ML=3.1	POOR AT PHC AND FSJ
DEC 11	03 36 34.	393	ML=3.1	ALSO AT PHC
DEC 12	06 47 55.	338	ML=2.9	NOT AT FSJ OR PHC
DEC 13	17 29 11.	184	ML=2.9	LARGEST OF THREE EVENTS IN TWO MINUTES
DEC 16	16 45 59.	47	ML=1.1	

TABLE 27

## UNLOCATED EVENTS RECORDED AT RES

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	08 17 47.	33	ML=1.4	
JAN 3	16 52 47.	379	ML=2.8	NORTHEAST OF MELVILLE ISLAND, ALSO RECORDED AT M9C
JAN 4	02 35 10.	366	ML=3.2	NORTHEAST OF MELVILLE ISLAND, ALSO RECORDED AT M9C
JAN 7	16 09 43.	344	ML=1.9	PROBABLY NEAR MELVILLE ISLAND. M9C NOISE
JAN 9	06 33 27.	24	ML=0.9	DEPTH = 10. KM (GEOPHYSICIST)
JAN 12	09 32 58.	823	ML=3.3	NO LG. ALSO AT ALE
JAN 13	17 28 56.	371	ML=2.7	
JAN 21	03 10 07.	116	ML=1.3	
JAN 22	19 38 25.	404	ML=2.9	ALSO AT M9C
JAN 24	07 31 22.	404	ML=2.9	ALSO AT M9C
JAN 25	12 10 06.	133	ML=2.2	
JAN 26	13 43 29.	56	ML=1.8	
JAN 29	09 21 36.	404	ML=2.6	ALSO AT M9C
FEB 1	11 19 12.	73	ML=1.2	
FEB 1	11 20 18.	73	ML=1.5	
FEB 2	08 00 56.	69	ML=2.2	NOT RECORDED ELSEWHERE
FEB 2	09 28 46.	323	ML=2.6	NOT RECORDED ELSEWHERE
FEB 3	16 06 49.	327	ML=2.8	
FEB 4	21 49 47.	1829	ML=4.7	NO LG. MAGNITUDE UNCERTAIN. ALSO AT ALE
FEB 6	16 36 37.	90	ML=1.7	
FEB 7	16 33 07.	369	ML=2.9	ALSO AT M9C
FEB 14	12 32 52.	414	ML=2.7	POOR AT M9C, PROBABLY NORTHEAST OF MELVILLE ISLAND
FEB 26	08 58 51.	440	ML=2.8	ALSO AT M9C
MAR 2	14 18 23.	52	ML=0.9	
MAR 8	05 43 02.	591	ML=2.6	
MAR 8	05 50 33.	614	ML=2.4	
MAR 8	07 19 24.	591	ML=2.2	
MAR 8	07 30 04.	580	ML=1.9	
MAR 10	13 52 15.	603	ML=2.9	POORLY RECORDED AT ALE AND M9C
MAR 11	17 47 19.	591	ML=3.0	POORLY RECORDED AT ALE AND M9C

MAR 12	08 02 14.	591	ML=2.6	
MAR 12	12 18 49.	586	ML=2.9	
MAR 13	04 23 01.	163	ML=1.5	
MAR 13	06 05 32.	591	ML=2.8	
MAR 13	09 10 09.	195	ML=2.1	
MAR 15	02 22 26.	580	ML=2.4	
MAR 17	16 51 49.	603	ML=2.9	
MAR 17	19 39 17.	591	ML=2.5	
MAR 17	23 40 46.	591	ML=2.3	
MAR 21	12 08 10.	261	ML=1.7	
MAR 26	08 28 03.	415	ML=2.9	ALSO AT MBC. POORLY RECORDED AT RLC
MAR 26	10 56 26.	204	ML=1.3	
MAR 28	08 30 57.	206	ML=1.7	
MAR 28	22 54 58.	140	ML=1.6	
APR 3	08 53 53.	175	ML=1.2	
APR 3	17 01 35.	388	ML=2.5	PROBABLY NORTHEAST OF MELVILLE ISLAND POORLY RECORDED IN NOISE AT MBC PROBABLY MELVILLE ISLAND, POORLY RECORDED AT MBC
APR 4	17 53 48.	369	ML=2.6	
APR 8	07 34 22.	212	ML=1.9	
APR 13	09 34 44.	133	ML=0.8	
APR 15	14 50 54.	133	ML=1.9	
APR 16	04 18 58.	542	ML=2.2	ALSO AT MBC
APR 20	11 50 53.	217	ML=1.8	
APR 30	14 23 14.	73	ML=1.7	
MAY 3	15 06 05.	381	ML=3.3	ALSO AT MBC
MAY 4	14 37 13.	320	ML=2.5	ALSO AT MBC
MAY 9	20 04 56.	82	ML=1.1	
MAY 9	22 21 05.	426	ML=2.9	NORTHEAST OF MELVILLE ISLAND. POOR AT MBC AND RLC
MAY 15	01 23 36.	256	ML=2.0	
MAY 19	10 34 01.	404	ML=2.5	ALSO AT MBC
MAY 23	15 31 20.	47	ML=2.2	NOT AT ALE, RLC OR MBC
MAY 29	01 38 42.	415	ML=2.8	ALSO AT MBC
MAY 29	02 55 09.	415	ML=3.2	ALSO AT MBC
JUN 10	15 14 31.	395	ML=2.8	
JUN 24	12 34 16.	90	ML=1.2	
JUN 28	13 48 40.	28	ML=1.3	SOUTHEAST OF RES. ALSO AT SI
JUL 3	22 24 01.	251	ML=1.7	POOR AT SI
JUL 28	02 45 09.	47	ML=1.2	
AUG 2	00 30 18.	172	ML=1.4	
AUG 4	04 03 50.	141	ML=1.6	ALSO AT SI
AUG 5	11 44 19.	82	ML=1.9	ALSO AT SI
AUG 16	21 58 40.	414	ML=3.0	DISTANCE UNCERTAIN, POSSIBLY SOUTH OF RES
AUG 27	01 29 20.	223	ML=2.3	
SEP 20	21 15 17.	39	ML=0.9	AFTERSHOCK, SEE TABLE 2A
SEP 20	23 38 13.	47	ML=0.7	PROBABLY AFTERSHOCK
SEP 21	18 24 41.	42	ML=1.1	LARGEST OF SIX THIS DAY
SEP 22	16 02 58.	42	ML=1.9	LARGEST OF FOUR THIS DAY. MAGNITUDE UNCERTAIN
SEP 23	14 20 39.	42	ML=1.1	
SEP 24	02 47 39.	42	ML=0.6	
SEP 25	21 11 08.	69	ML=1.7	PROBABLY EAST OF RES
SEP 27	01 00 60.	28	ML=0.6	POSSIBLE BLAST
SEP 28	02 33 28.	448	ML=2.7	NOT RECORDED ELSEWHERE. PROBABLY SOUTH OF RES
SEP 28	05 21 49.	13	ML=-0.0	DEPTH = 10. KM (GEOPHYSICIST)
SEP 30	07 25 40.	47	ML=1.0	
OCT 2	10 19 17.	185	ML=1.2	
OCT 3	15 00 58.	38	ML=1.3	PROBABLY NORTHEAST OF RES
OCT 3	15 41 15.	40	ML=0.5	
OCT 6	06 28 05.	38	ML=0.9	
OCT 6	11 29 09.	38	ML=0.9	
OCT 16	07 55 37.	223	ML=1.7	
OCT 23	00 52 60.	327	ML=2.7	ALSO AT MBC. MAGNITUDE UNCERTAIN
OCT 23	02 32 36.	322	ML=2.2	DISTANCE UNCERTAIN
OCT 24	06 15 40.	53	ML=0.6	
OCT 24	18 58 12.	40	ML=1.2	
OCT 30	20 50 30.	64	ML=1.4	
NOV 1	00 40 20.	90	ML=1.1	LARGEST OF SIX THIS DAY
NOV 2	02 48 10.	86	ML=1.1	
NOV 2	06 14 15.	103	ML=1.0	
NOV 3	00 11 10.	129	ML=1.4	

NOV 5	15 13 50.	179	ML=2.3	DISTANCE UNCERTAIN
NOV 13	17 59 04.	82	ML=1.1	NORTH OR SOUTH OF RES
NOV 18	01 09 32.	204	ML=1.2	DISTANCE UNCERTAIN
NOV 18	06 46 21.	116	ML=0.8	
NOV 26	01 05 09.	464	ML=3.1	DISTANCE UNCERTAIN. ALSO AT IGL, NCT AT FRB OR RLC
NOV 28	05 39 11.	198	ML=1.5	
NOV 30	17 27 33.	625	MN=2.6	POOR LG, PROBABLY RAFFIN BAY. POOR AT IGL
DEC 1	11 34 37.	47	ML=1.2	
DEC 4	15 37 44.	801	ML=3.7	ALSO AT ALE
DEC 16	06 55 42.	146	ML=2.0	
DEC 18	14 33 58.	195	ML=1.6	

TABLE 28

## UNLOCATED EVENTS RECORDED AT SCH

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
SEP 7	22 39 21.	502	MN=3.1	ALSO AT FRB. DISTANCE UNCERTAIN
OCT 2	00 16 30.	470	ML=3.4	ALSO AT MNG. MAGNITUDE UNCERTAIN

TABLE 29

## UNLOCATED EVENTS RECORDED AT SES

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 23	09 58 16.	395	ML=2.9	
JAN 23	13 24 01.	327	ML=3.0	NORTHERN MONTANA. ALSO AT PNT. EDM NOT OPERATING
JAN 25	01 39 23.	319	ML=2.8	POORLY RECORDED AT PNT
FEB 1	12 02 57.	192	ML=1.9	
FEB 2	08 26 20.	325	ML=2.1	NORTHERN MONTANA. POORLY RECORDED AT EDM AND PNT
FEB 3	04 20 08.	459	ML=3.3	MONTANA
FEB 3	07 29 31.	283	ML=2.2	
FEB 3	13 25 53.	386	ML=2.6	
FEB 3	21 39 47.	403	ML=3.2	FIRST OF FIVE CONSECUTIVE EVENTS
FEB 4	04 21 56.	294	ML=2.8	THIS IS THE LARGEST OF 14 AFTERSHOCKS THIS DAY SEE TABLE 38 FOR LOCATION OF MAIN SHOCK
FEB 16	23 13 28.	361	ML=2.6	POOR EVENT. NOT AT EDM PNT.
FEB 11	00 08 10.	487	ML=3.1	NOT AT EDM PNT.
FEB 11	08 09 39.	359	ML=2.9	NORTHERN MONTANA. POORLY RECORDED AT PNT AND EDM
FEB 19	18 01 12.	465	ML=3.0	PROBABLY MONTANA
FEB 20	23 28 19.	275	ML=2.4	
FEB 21	19 47 47.	446	ML=2.9	PROBABLY MONTANA
FEB 25	20 24 44.	542	MN=3.0	MONTANA
FEB 28	18 13 15.	390	ML=2.6	
FEB 28	18 50 18.	546	MN=2.8	
FEB 28	22 42 52.	300	ML=2.3	NOT AT PNT OR EDM
MAR 25	07 32 11.	458	ML=3.6	NOT AT EDM OR PNT
APR 1	16 48 03.	452	ML=3.2	MAY BE BLAST
MAY 7	11 46 04.	411	ML=3.8	NOT AT PNT OR EDM. MONTANA
JUN 5	18 23 11.	263	ML=2.6	POOR AT EDM AND PNT
JUN 11	18 16 46.	249	ML=2.1	POOR AT EDM
JUL 14	02 26 56.	470	ML=2.7	ALSO AT PNT
AUG 12	03 49 13.	395	ML=2.5	MONTANA. DISTANCE UNCERTAIN. NOT AT EDM
SEP 6	07 04 17.	496	ML=2.3	ALSO AT PNT
SEP 7	01 12 33.	318	ML=2.2	
SEP 25	12 21 21.	411	ML=2.9	PROBABLY MONTANA. NOT AT EDM OR PNT
DEC 12	07 17 11.	338	ML=2.1	
DEC 22	10 02 34.	255	ML=2.0	POSSIBLE BLAST

TABLE 30

## UNLOCATED EVENTS RECORDED AT SFA

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 3	01 49 43.	28	ML=1.2	NOT AT POC DEPTH = 10. KM (GEOPHYSICIST)

SFA CLOSED JULY 31

TABLE 31

## UNLOCATED EVENTS RECORDED AT SI

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
STATION SI (SOMERSET ISLAND, N.W.T.) OPERATED FROM JUNE 24 TO AUGUST 25, 1975. STATION WAS DOWN FROM JULY 12 TO JULY 31, 1975.				
JUN 28	13 48 40.	90	ML=1.4	ALSO AT RES
AUG 4	04 03 52.	28	ML=1.6	ALSO AT RES DEPTH = 10. KM (GEOPHYSICIST)
AUG 5	11 44 22.	133	ML=1.5	ALSO AT RES

TABLE 32

## UNLOCATED EVENTS RECORDED AT SIC

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 1	13 08 47.	184	ML=1.9	POSSIBLE BLAST
JUN 7	10 39 53.	172	ML=1.9	ALSO AT MNO
SEP 24	01 27 21.	15	ML=1.3	ALSO AT MNO, NOT AT UNB, SCH OR POC DEPTH = 5. KM (GEOPHYSICIST)
SEP 24	06 51 06.	124	ML=1.6	ALSO AT MNO, NOT AT UNB, POC OR MIO
OCT 2	17 19 34.	14	ML=1.3	POSSIBLE BLAST. ALSO AT MNO, NOT AT UNB OR SCH DEPTH = 10. KM (GEOPHYSICIST)
NOV 20	12 35 57.	215	ML=2.0	POSSIBLE BLAST. POOR AT MNO AND SCH, NOT AT UNB
NOV 23	14 25 23.	15	ML=0.9	ALSO AT MNO, NOT AT POC DEPTH = 5. KM (GEOPHYSICIST)
NOV 26	20 31 26.	141	ML=1.8	ALSO AT MNO
DEC 14	08 43 60.	129	ML=1.6	PROBABLE BLAST, MNO NOT OPERATING

TABLE 33

## UNLOCATED EVENTS RECORDED AT STJ

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
OCT 6	22 28 39.	459	ML=3.9	AFTERSHOCK, SEE TABLE 1A. ALSO AT HAL

TABLE 34

## UNLOCATED EVENTS RECORDED AT UNB

DATE 1975	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
APR 26	06 25 46.	158	ML=1.9	POSSIBLE BLAST

TABLE 35

## UNLOCATED EVENTS RECORDED AT VIC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 7	06 11 53.	73	ML=2.9	ALSO AT PNT
JAN 7	07 19 25.	382	ML=2.9	ALSO AT PNT
JAN 15	12 24 59.	73	ML=2.0	POORLY RECORDED AT PNT
JAN 19	07 17 50.	172	ML=2.1	ALSO AT PNT, NORTHERN WASHINGTON
JAN 20	21 44 44.	133	ML=2.1	ALSO AT PNT
FEB 7	15 51 52.	94	ML=2.1	EAST OF VIC, POORLY RECORDED AT PNT
FEB 7	16 40 38.	82	ML=1.8	NOT AT PNT OR PHC
FEB 24	16 43 35.	98	ML=2.3	POORLY RECORDED AT PNT
FEB 24	16 52 14.	101	ML=1.8	
MAR 2	09 04 24.	64	ML=1.8	
MAR 12	03 42 33.	82	ML=1.7	
MAR 12	06 26 09.	77	ML=1.5	
MAR 19	17 12 22.	163	ML=2.0	PUGET SOUND AREA, ALSO AT PNT
APR 5	18 03 28.	32	ML=1.3	DEPTH = 10. KM(GEOPHYSICIST)
APR 9	00 04 41.	101	ML=2.4	PUGET SOUND AREA, ALSO AT PNT
MAY 6	13 47 30.	96	ML=2.3	ALSO AT PNT, NOT AT PHC
MAY 6	20 47 42.	51	ML=1.5	
MAY 19	13 47 38.	107	ML=2.1	ALSO AT PNT
MAY 19	13 58 56.	99	ML=2.2	ALSO AT PNT
MAY 20	20 57 06.	99	ML=2.0	NOT AT PNT
MAY 23	02 33 35.	88	ML=2.7	ALSO AT PNT
JUN 3	23 19 02.	173	ML=2.1	
JUN 8	23 29 48.	585	ML=3.2	ALSO AT PNT
JUN 11	08 48 02.	37	ML=1.2	
JUN 22	23 31 56.	56	ML=1.8	NOT AT PNT
JUL 2	22 30 48.	128	ML=2.7	ALSO AT PNT, NOT AT PHC
JUL 14	23 17 22.	63	ML=2.4	SOUTHWEST OF VIC
JUL 18	12 01 48.	116	ML=1.7	ALSO AT PNT, NOT AT PHC
JUL 25	05 25 21.	90	ML=1.6	POSSIBLE BLAST
AUG 24	10 59 23.	141	ML=2.4	POOR AT PNT
SEP 3	13 23 22.	103	ML=1.8	AFTERSHOCK, SEE TABLE 39, ALSO AT ALB, POOR AT HYC
SEP 6	02 52 11.	133	ML=1.7	ALSO AT HYC
SEP 16	21 21 34.	23	ML=0.9	ALSO AT HYC, POOR AT ALB
SEP 20	00 12 12.	133	ML=1.8	DEPTH = 10. KM(GEOPHYSICIST)
SEP 30	07 24 20.	33	ML=1.9	ALSO AT HYC, POOR AT ALB
OCT 1	14 06 35.	18	ML=0.3	PROBABLY SOUTH OF VIC, ALSO AT HYC, POOR AT ALB
OCT 3	22 33 49.	52	ML=2.0	DEPTH = 10. KM(GEOPHYSICIST)
OCT 7	03 37 09.	175	ML=2.2	AFTERSHOCK, SEE TABLE 38
OCT 13	08 39 29.	90	ML=1.4	ALSO AT PNT, NOT AT ALB, HYC NOT OPERATING
OCT 16	07 51 41.	21	ML=0.8	PROBABLY WASHINGTON, POOR AT PNT, NOT AT HYC
OCT 16	13 41 57.	75	ML=1.3	DEPTH = 10. KM(GEOPHYSICIST)
OCT 17	04 30 33.	24	ML=0.9	NOT AT ALB
OCT 19	22 49 26.	37	ML=2.0	DEPTH = 10. KM(GEOPHYSICIST)
OCT 28	22 52 53.	124	ML=2.4	ALSO AT ALB, POOR AT PNT
OCT 29	01 01 24.	99	ML=1.2	ALSO AT HYC
NOV 5	00 14 10.	284	ML=2.2	ALSO AT HYC
NOV 5	21 46 48.	56	ML=1.6	POOR AT HYC, NOISE AT ALB
NOV 16	06 03 39.	150	ML=1.8	ALSO AT HYC, NOISE AT ALB
NOV 19	13 47 29.	20		ALSO AT PNT, NOT AT ALB, HYC NOT OPERATING
NOV 27	10 47 23.	107	ML=1.8	SOUTHWEST OF VIC, ALSO AT ALB, POOR AT PNT.
NOV 27	12 41 45.	64	ML=1.5	HYC NOT OPERATING
DEC 4	08 36 56.	99	ML=2.3	DEPTH = 10. KM(GEOPHYSICIST)
DEC 5	01 11 04.	80	ML=2.0	ALSO AT HYC, NOT AT ALB
DEC 20	01 11 60.	23	ML=1.2	POOR AT HYC
				POOR AT ALB
				DEPTH = 10. KM(GEOPHYSICIST)
				ALSO AT HYC, POOR AT ALB

DEC 27	01 54 21.	82	ML=1.6	ALSO AT ALR
DEC 29	07 40 10.	116	ML=2.3	PCCR AT ALR, HVC NOT OPERATING
DEC 30	09 17 53.	141	ML=2.1	POOR AT ALB, NOISE AT HVC
DEC 30	22 03 15.	73	ML=1.7	

TABLE 36

## UNLOCATED EVENTS RECORDED AT WHC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	02 23 24.	287	ML=2.6	
JAN 4	09 17 21.	150	ML=2.0	
JAN 5	13 53 01.	321	ML=2.5	
JAN 7	17 29 46.	268	ML=2.6	PROBABLY WEST OF WHC
JAN 8	01 02 59.	153	ML=1.8	
JAN 8	01 28 25.	326	ML=3.5	PROBABLY SOUTHEASTERN ALASKA
JAN 8	21 44 59.	140	ML=2.4	
FEB 1	00 01 58.	209	ML=2.1	
FEB 2	00 11 08.	226	ML=1.9	
FEB 2	23 45 14.	468	ML=3.5	PROBABLY SOUTHEASTERN ALASKA
FEB 5	12 40 00.	281	ML=2.7	
FEB 6	05 17 33.	163	ML=1.9	
FEB 7	17 09 52.	269	ML=2.1	POORLY RECORDED AT YKC AND INK
FEB 8	13 18 17.	328	ML=2.3	NOT AT QCC,FSJ,INK
FEB 10	04 58 30.	337	ML=2.6	NOT RECORDED ELSEWHERE.
FEB 12	20 19 53.	209	ML=2.3	
FEB 21	12 32 33.	325	ML=3.0	PROBABLY ALASKA, POORLY RECORDED AT INK
MAR 4	06 30 29.	294	ML=2.6	
MAR 4	07 44 15.	217	ML=1.6	
MAR 4	14 47 47.	261	ML=1.9	
MAR 6	06 16 10.	350	ML=2.8	
MAR 14	01 08 60.	405	ML=3.5	PROBABLY SOUTHERN ALASKA. ALSO AT INK. NOT AT YKC
MAR 15	02 39 06.	373	ML=2.8	
MAR 16	06 51 02.	310	ML=2.8	
MAR 26	16 24 27.	332	ML=3.2	
MAR 28	12 03 48.	185	ML=2.2	
APR 6	02 43 02.	185	ML=2.8	PROBABLY WEST OF WHC
APR 11	16 22 17.	135	ML=2.1	
APR 24	19 01 36.	302	ML=2.6	
APR 26	16 57 31.	336	ML=2.9	
APR 28	17 39 01.	268	ML=2.6	
APR 28	23 32 17.	363	ML=3.2	
APR 30	04 29 12.	999	ML=4.2	NO LG, GULF OF ALASKA.
MAY 5	11 58 29.	175	ML=3.3	PROBABLY WEST OF WHC
MAY 10	05 04 35.	219	ML=3.1	ALASKA. ALSO AT INK
MAY 11	04 30 13.	184	ML=2.3	
MAY 16	04 46 35.	779	ML=3.8	ALASKA
MAY 18	15 42 59.	824		MAGNITUDE UNCERTAIN, GREATER THAN 3. ALASKA
MAY 19	22 16 09.	274	ML=2.5	
MAY 20	20 03 26.	209	ML=2.5	POSSIBLE BLAST
MAY 21	06 34 42.	779	ML=5.1	PROBABLY SOUTHERN ALASKA
MAY 24	17 13 43.	274	ML=2.7	
MAY 28	10 48 06.	198	ML=2.4	
MAY 31	23 36 27.	1164	ML=4.7	NO LG, GULF OF ALASKA
JUN 5	07 49 43.	223	ML=3.0	PROBABLY WEST OF WHC
JUN 5	16 13 31.	547	ML=3.8	PROBABLY SOUTHERN ALASKA
JUN 10	20 10 58.	216	ML=2.7	
JUN 15	04 47 50.	209	ML=2.6	
JUN 21	05 40 37.	338	ML=3.3	SOUTHEASTERN ALASKA
JUL 5	07 08 32.	492	ML=3.2	ALASKA
JUL 5	13 15 02.	195	ML=2.5	
JUL 6	10 02 09.	327	ML=2.7	
JUL 12	03 18 03.	268	ML=3.2	POOR LG. PROBABLY SOUTHERN ALASKA
JUL 12	04 37 34.	277	ML=3.0	PROBABLY WEST OF WHC. POOR AT INK
JUL 13	02 41 46.	274	ML=3.1	PROBABLY WEST OF WHC. POOR AT INK

JUL 13	02 52 35.	272	ML=3.2	PROBABLY WEST OF WHC. POOR AT INK
JUL 13	10 08 33.	277	ML=2.3	
JUL 13	10 52 50.	277	ML=2.5	
JUL 14	19 24 00.	355	ML=3.4	ALASKA. POOR AT INK
JUL 15	10 19 55.	371	ML=3.3	NO LG, GULF OF ALASKA
JUL 22	10 16 35.	160	ML=1.9	
JUL 28	13 19 12.	223	ML=2.2	
JUL 29	22 01 57.	1010	ML=4.5	NO LG, GULF OF ALASKA
AUG 6	13 31 48.	242	ML=3.2	PROBABLY WEST OF WHC
AUG 20	13 36 22.	99	ML=2.3	
AUG 21	03 29 21.	184	ML=2.6	
AUG 23	06 40 17.	1164	ML=4.6	NO LG, GULF OF ALASKA
AUG 24	04 39 58.	1021	ML=4.3	NO LG, GULF OF ALASKA
AUG 30	12 11 50.	140	ML=2.7	PROBABLY SOUTHWEST OF WHC
SEP 3	01 47 43.	436	ML=3.8	AFTERSHOCK. SEE TABLE 3C. ALSO AT INK, NOT AT YKC
SEP 7	09 04 08.	452	ML=3.8	ALSO AT INK
SEP 12	23 40 56.	641	ML=3.4	PROBABLY ALASKA
SEP 13	20 22 04.	12	ML=1.4	MAGNITUDE UNCERTAIN DEPTH = 5. KM(GEOPHYSICIST)
SEP 17	04 31 04.	149	ML=2.3	
SEP 21	22 20 11.	192	ML=1.8	
SEP 21	23 46 32.	192	ML=1.6	
SEP 23	02 57 56.	201	ML=2.3	
SEP 24	14 12 19.	503	ML=3.0	FORESHOCK. SEE TABLE 3C. SOUTHEASTERN ALASKA
SEP 25	00 22 32.	300	ML=2.7	
SEP 27	01 32 04.	470	ML=3.7	ALSO AT INK
SEP 29	12 53 47.	260	ML=2.3	
OCT 1	02 56 35.	169	ML=1.5	
OCT 1	09 59 25.	113	ML=1.9	WEST OF WHC
OCT 5	00 09 20.	261	ML=3.1	PROBABLY WEST OF WHC. POORLY RECORDED AT INK
OCT 8	01 40 18.	345	ML=3.1	PROBABLY SOUTHEASTERN ALASKA
OCT 10	19 25 51.	382	ML=3.2	PROBABLY SOUTHEASTERN ALASKA
OCT 12	05 11 11.	195	ML=2.0	
OCT 13	04 07 00.	360	ML=2.4	
OCT 15	13 52 42.	404	ML=3.7	PROBABLY SOUTHEASTERN ALASKA
OCT 24	19 56 05.	188	ML=2.5	POOR AT INK, NOT AT YKC
OCT 25	02 49 59.	135	ML=2.3	
OCT 26	02 15 19.	167	ML=3.0	SOUTHWEST OF WHC. POOR AT INK
OCT 27	18 56 55.	133	ML=3.1	SOUTHWEST OF WHC. MAGNITUDE UNCERTAIN. POOR AT INK
OCT 28	06 12 21.	445	ML=2.5	ALSO AT INK
OCT 29	03 19 10.	867	ML=3.7	NO LG, GULF OF ALASKA
OCT 29	06 51 23.	327	ML=3.4	PROBABLY SOUTHWEST OF WHC
NOV 3	14 10 05.	272	ML=2.1	
NOV 7	20 14 43.	209	ML=2.1	
NOV 8	03 54 32.	150	ML=2.3	
NOV 8	13 18 44.	185	ML=2.6	
NOV 8	13 42 53.	204	ML=2.2	FORESHOCK OF FOLLOWING
NOV 8	13 46 09.	211	ML=2.7	POOR AT INK, NOT AT YKC
NOV 9	00 37 10.	218	ML=2.3	
NOV 9	00 54 31.	167	ML=1.9	
NOV 9	07 55 33.	350	ML=3.1	PROBABLY SOUTHEASTERN ALASKA
NOV 21	10 01 06.	172	ML=1.9	
NOV 24	05 26 30.	184	ML=2.2	
NOV 29	18 11 14.	211	ML=2.9	POOR AT INK
DEC 9	10 22 11.	129	ML=1.5	PROBABLE FORESHOCK
DEC 9	11 01 59.	129	ML=3.2	ALSO AT BLY, POOR AT INK
DEC 9	11 09 15.	129	ML=1.5	PROBABLE AFTERSHOCK
DEC 10	09 47 37.	173	ML=1.8	
DEC 10	18 41 21.	184	ML=2.2	
DEC 12	16 04 34.	184	ML=3.1	
DEC 15	05 08 08.	118	ML=2.2	
DEC 15	06 42 37.	173	ML=2.7	
DEC 19	09 29 18.	129	ML=3.0	
DEC 21	19 09 48.	713	ML=3.4	POOR AT INK
DEC 21	20 28 25.	228	ML=2.1	

WHC HAS NO TIME MARKS FOR THE PERIOD DECEMBER 22-27.  
NO UNLOCATED EVENTS ARE LISTED FOR THIS PERIOD. SEISMIC  
ACTIVITY WAS NORMAL NEAR WHC.

TABLE 37

UNLOCATED EVENTS RECORDED AT YKC

DATE 1975	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 12	04 46 07.	454	ML=3.2	POORLY RECORDED AT BLC. NOT AT INK
MAY 8	06 08 39.	988		ALSO AT INK. MAGNITUDE UNCERTAIN





