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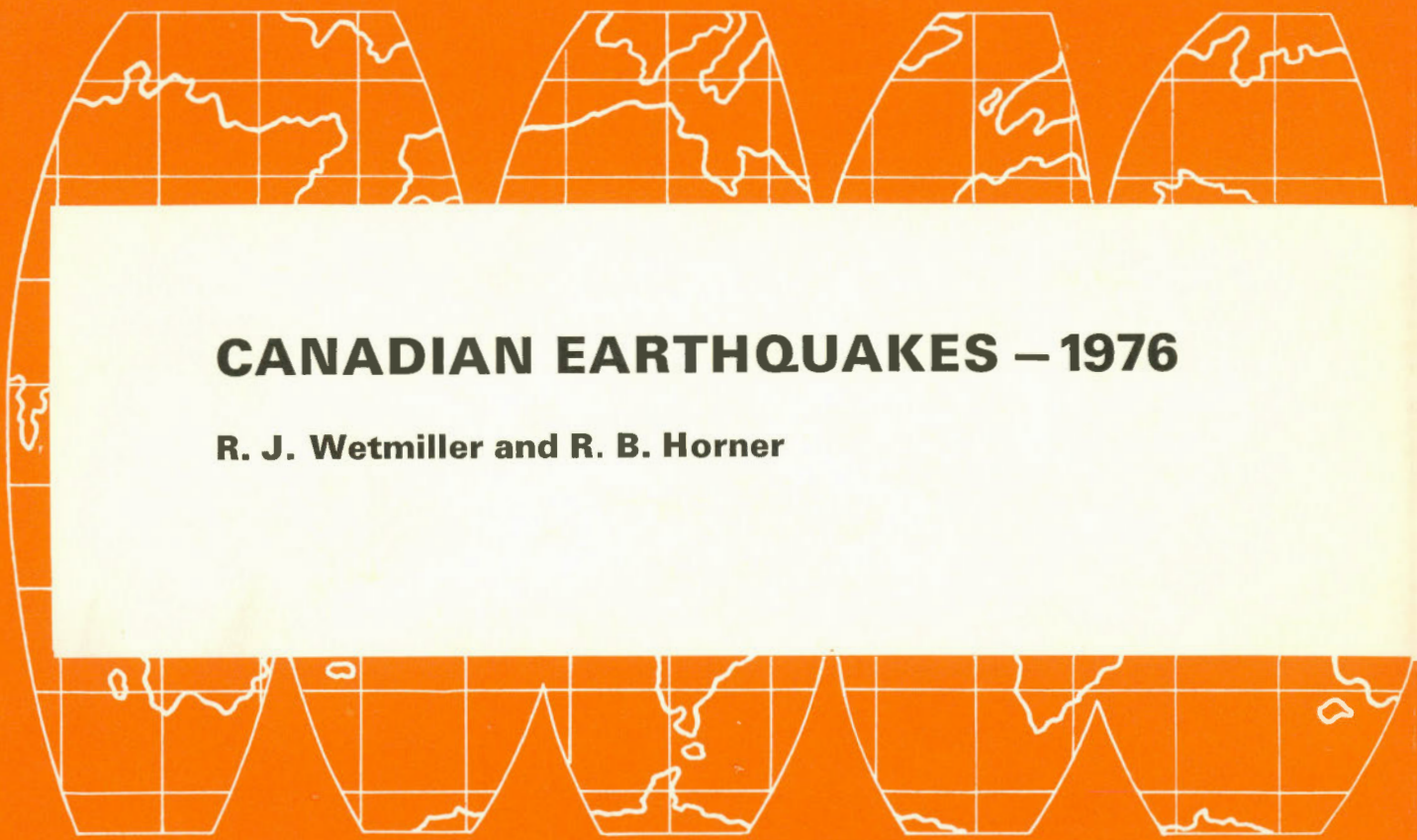

CANADIAN EARTHQUAKES – 1976

R. J. Wetmiller and R. B. Horner

Seismological Series
Number 79
Ottawa, Canada 1978

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ABSTRACT

This catalogue lists more than fourteen hundred earthquakes, rockbursts and possible or confirmed blasts in Canada and adjacent areas detected by the Canadian seismograph network in 1976. A total of 497 events are located, 371 in Canada and 126 in adjacent areas of the United States and Greenland. Fifty-nine earthquakes in or near Canada had a magnitude of 4 or greater, including eight with magnitude 5 and two with magnitude 6. The largest earthquake in or near Canada in 1976 occurred west of Vancouver Island on 20 December and had a magnitude of M_S 6.7. More than nine hundred additional small shocks are described only by magnitude and by distance from the nearest seismograph station.

Most earthquakes in Canada in 1976 occurred west of Vancouver Island, in the northern Yukon, on Baffin Island and in the Queen Elizabeth Islands. Nineteen earthquakes were reported felt in Canada in 1976. The most strongly felt earthquake occurred on 16 May near Pender Island, B.C. and was felt with maximum intensity VI in several localities in southwestern British Columbia. As well an earthquake on 23 October near Saint-Siméon, P.Q., was felt with maximum intensity V in southern Quebec.

The text is accompanied by four epicentre maps and by isoseismal or intensity maps for five 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 29 tables. Reports of earthquakes felt in Canada are summarized in one table. Histograms show the distribution of epicentral distances from nine stations recording many unlocated events. Focal mechanism solutions for six earthquakes in 1976 are shown in one figure and described in one table.

RÉSUMÉ

Le présent catalogue énumère plus de mille quatre cents tremblements de terre, des éclatements de roches et des explosions connues ou possibles détectés au Canada et dans les régions avoisinantes par le réseau séismographique canadien en 1976. On a localisé 497 événements, dont 371 au Canada et 126 dans les régions adjacentes, c'est-à-dire les États-Unis et le Groenland. Cinquante-neuf des séismes ayant eu lieu au Canada et dans les régions avoisinantes avaient une magnitude d'au moins 4, dont huit avec une magnitude 5 et deux avec une magnitude 6. Le séisme le plus considérable, subi au Canada en 1976, s'est produit le 20 décembre à l'ouest de l'île Vancouver avec une magnitude M_S 6.7. De plus, la description de plus de neuf cents autres petits événements ne contient que la magnitude et la distance entre l'épicentre et la station séismographique la plus proche.

La plupart des tremblements de terre en 1976 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-Elisabeth. En 1976, on a rapporté dix-neuf tremblements de terre ressentis au Canada. Le séisme survenu le 16 mai près de l'île Pender, C.-B., a été le tremblement de terre le plus fortement ressenti; atteignant une intensité de VI à plusieurs endroits dans le sud-ouest de la Colombie-Britannique. De plus, un tremblement de terre s'est produit le 23 octobre près de Saint-Siméon, P.Q., avec une intensité V dans le sud du Québec.

Quatre cartes d'épicentres et des cartes d'isosite ou d'intensité de cinq 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 29 tableaux, par ordre chronologique et selon l'indicatif de la station. Un tableau présente le sommaire des rapports des tremblements de terre ressentis au Canada en 1976. Des histogrammes présentent la distribution des distances des épicentres de neuf stations séismographiques enregistrant en grand nombre d'événements non localisés. Un tableau et une figure présentent le sommaire des solutions des mécanismes de foyer de six séismes au Canada en 1976.

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CANADIAN EARTHQUAKES – 1976

R. J. Wetmiller and R. B. Horner

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 (EPB), Department of Energy, Mines and Resources. An enumeration of the previous papers in this series can be found in the Appendix. 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 analyzed by G.C. Rogers at the Pacific Geoscience Centre (PGC) and felt reports in the United States which have been analyzed 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

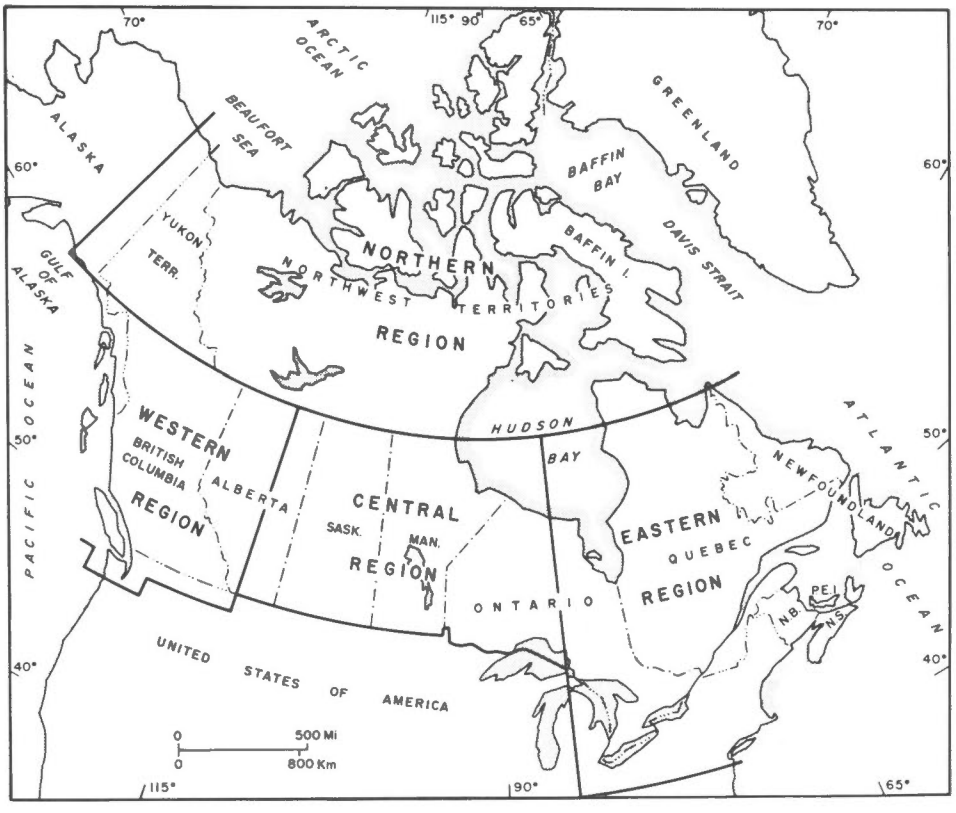

Figure 1: The four regions of Canada

on earthquakes outside of Canada included in this catalogue are obtained primarily from the NEIS for the larger events and for smaller events variously from the Lamont-Doherty Geological Observatory (LDGO) for New York State, the University of Washington for Washington State, the Weston Observatory (WES) for the New England States and the Geodetic Institute of Denmark for Greenland. Data from other foreign seismograph stations as published in the NEIS Earthquake Data Reports are used in this catalogue in selected cases.

Tables 1, 2, 3 and 4 list only located earthquakes, while Tables 5 to 33 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 1976 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 have been given to the ISC and will appear in its 1976 bulletins. Any significant revisions to the ISC determinations on Canadian events for 1976 will be published in later catalogue years of this series. Epicentres calculated by the NEIS for Canadian earthquakes are included herein.

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:

$P_1-H = \Delta/6.20$ $\quad P_n-H = 5.60 + \Delta/8.20$
$L_g-H = \Delta/3.57$ $\quad S_n-H = 9.84 + \Delta/4.70$

H is the origin time in seconds and Δ is the epicentral distance in kilometres. For a surface focus the P_n and S_n intercepts become 7.50 s 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 maybe more appropriate. In the tables these depths are followed by the letter G.

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 has shown that "F" quality solutions can be mislocated as much as 20 km. For unlocated events, Δ is considered accurate to $\pm$ 10% and H to $\pm$ 10 s unless the event is denoted as poor or uncertain.

When available, solutions determined by NEIS are also given in the tables. This information is obtained from the 1976 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. 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 have been 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°. 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) $\Delta > 400$ km
   2) $T \leq 1.3$ s

(Note that the m_N magnitudes quoted by LDGO or WES are often based only on the second scale proposed by Nuttli (1973) for distances less than 400 km. These magnitudes tend to be up to one unit higher than M_L for the same earthquake.)

For events in the northern Yukon large enough to be recorded beyond 400 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 exist beyond 400 km, M_L is calculated using the maximum short-period vertical amplitude of the S_1 or L_g phase if the following two conditions hold:

   1) $\Delta \leq 600$ km
   2) $T \leq 2.0$ s

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, so that L_g is absent, M_L is calculated from 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, if 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 m_b includes data from at least three stations beyond 20°, this value is adopted as the magnitude of the event.
   2) when NEIS m_b is almost entirely based on data from distances less than 20°, 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 seems 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 be the m_b magnitudes are biased by data from within 20° . Part D above is an attempt to assign magnitudes to the 1976 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 availabe. M_S values calculated by EPB use the formula developed by Marshall and Basham (1972) for North American continental paths. Coda length magnitudes (C_L) calculated by the University of Washington at Seattle (SEA) are presented for a few earthquakes in and near Washington State.

The standard deviation of one magnitude value is given in the Tables 1 to 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.

3. Felt Reports

Felt reports for Canadian earthquakes have been analyzed by the authors in the Ottawa section of EPB for the Eastern, Northern and Central Regions and by G.C. Rogers of the Pacific Geoscience Centre for the Western Region. The Modified Mercalli Intensity Scale of 1931 is used to classify all felt reports. For widely felt earthquakes in Canada, questionnaires are usually distributed throughout the felt area and results analyzed at the appropriate section either in Ottawa or Victoria. For less widely felt earthquakes, inquiries may be made by telephone to determine the extent of the felt area but, in general, EPB does not conduct systematic surveys of all possible felt earthquakes. As a consequence, some of the smaller earthquakes listed in Tables 1A and 3A and located close to populated areas may have been felt mildly but not reported to the EPB and therefore not included in Table B.

Felt reports for tremors in adjacent areas of the United States have been collected and analyzed by NEIS. It is important to note that NEIS estimates a maximum intensity for their felt reports (Minsch et al., 1977) whereas EPB estimates an average intensity.

4. Focal Mechanisms

When sufficient data exist, a focal mechanism solution is attempted for Canadian earthquakes. Except where noted, data have been read by the authors from original seismograms of the Canadian Network or taken from the NEIS Earthquake Data Reports for other stations. In general, only unambiguous first motions are used; for the NEIS data first motions are used only if they are associated with a small travel-time residual. Solutions are calculated by the computer program of Wickens and Hodgson (1967) using emergent angles consistent with the Canadian travel-time model for $\Delta \leq 16^{o}$ and those given by Nuttli (1969) for a focal depth of 15 km and $\Delta > 16^{o}$. The parameters quoted for the final solution are calculated giving a low weight to any inconsistent first motions.

II. Canadian Seismograph Network

Fig. 2 shows the 41 permanent seismograph stations in Canada which were used in the

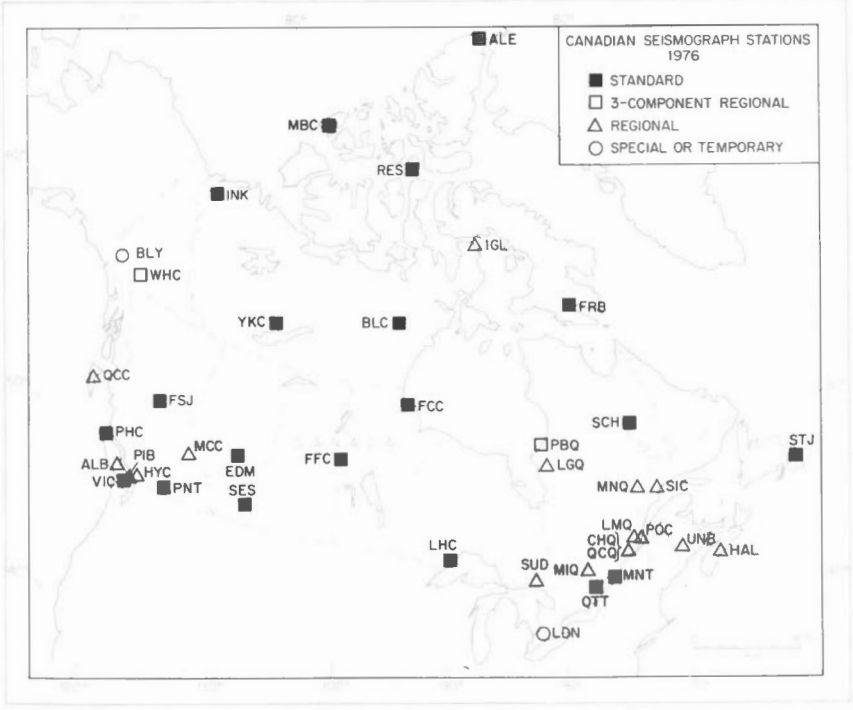

Figure 2: Canadian seismograph stations - 1976

TABLE A

Canadian Seismograph Stations - 1976

*	ALB	Alberni, B.C.
	ALE	Alert, N.W.T.
*	BLC	Baker Lake, N.W.T.
	BLY[1]	Burwash Landing, Y.T.
*	CHQ	Charlesbourg, Qué.
	EDM	Edmonton, Alta.
	FCC	Fort Churchill, Man.
	FFC	Flin Flon, Man.
	FRB	Frobisher, N.W.T.
	FSJ	Fort St. James, B.C.
*	HAL	Halifax, N.S.
*	HYC	Haney, B.C.
*	IGL	Igloolik, N.W.T.
	INK	Inuvik, N.W.T.
*	LGQ[2]	La Grande, Qué.
	LHC	Thunder Bay, Ont.
*	LMQ[3]	La Malbaie, Qué.
	LDN[4]	Fanshawe, Ont.
	MBC	Mould Bay, N.W.T.
*	MCC	Mica Creek, B.C.
*	MIQ	Maniwaki, Qué.
*	MNQ	Manicouagan, Qué.
	MNT	Montréal, Qué.
	OTT	Ottawa, Ont.
**	PBQ	Poste-de-la-Baleine, Qué.
	PHC	Port Hardy, B.C.
*	PIB	Pender Island, B.C.
	PNT	Penticton, B.C.
*	POC	La Pocatière, Qué.
*	QCC	Queen Charlotte City, B.C.
*	QCQ[5]	Québec, Qué.
	RES	Resolute, N.W.T.
	SCH	Schefferville, Qué.
	SES	Suffield, Alta.
*	SIC	Sept-Iles, Qué.
	STJ	St. John's, Nfld.
*	SUD	Sudbury, Ont.
*	UNB	Fredericton, N.B.
	VIC	Victoria, B.C.
**	WHC	Whitehorse, Y.T.
	YKC	Yellowknife, N.W.T.

* Regional station, vertical-component short-period only

** Regional station, three-component short-period

1. Opened by U.S. Geological Survey
   Intermittent operation in 1976
2. Opened 04 August 1976
3. Opened 03 November 1976
4. Operated by University of Western Ontario, not affiliated with the Network
5. Not operating 06 September 1976 to 06 January 1977

preparation of this catalogue. Not included on Fig. 2 or Table A are several temporary seismograph stations operated for short intervals in 1976 by EPB in Québec and on the ocean floor west of Vancouver Island as well as some more permanent but special stations operated by Canadian universities in British Columbia, Ontario and Newfoundland. Detailed notes regarding instrumentation and changes in instrument constants, calibration, etc., of permanent seismograph stations can be found in the report Canadian Seismograph Operations - 1976 (Lombardo 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 1976 permitted detection of most events of magnitude 3 or greater in Canada. In southwestern British Columbia and the 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 3 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 all located near mining areas no suspect events are listed regardless of the time of occurrence.

IV. Summary of Seismic Activity for 1976.

The seismic activity within each of the four Regions of Canada is discussed in the following sections. More than fourteen hundred events are listed in this catalogue, 497 of which were large enough to locate. Fig. 3 shows 59 earthquakes in or near Canada which had a magnitude greater than or equal to 4. These include 32 in the Western Region, 24 in the Northern Region, and three in the Eastern Region. Four other events off northern Greenland (Table 2B) with magnitude 4 or greater are not shown in Fig. 3 but are shown on Fig. 6B. Ten earthquakes had magnitude greater than or equal to 5.0; the largest was the 20 December earthquake west of Vancouver Island with magnitude M_S 6.7.

Table B gives details of 19 earthquakes reported felt in Canada. Five of these tremors were also reported felt in the United States (02 February, 16 May, 02 and 08 September and 23 October at 20:58). In addition, five tremors were reported felt in adjacent areas of the United States but not in Canada. Descriptions of these latter events are not included in Table B. Most felt reports originated from smaller earthquakes close to populated areas in southern Canada and the northern United States. Where a sufficient number of felt reports exist, maps of observed intensities are shown in the following sections. Minor damage was reported in Canada following the Pender Island, B.C., earthquake on 16 May. A maximum intensity of VI was experienced at several localities in southwestern British Columbia. Intensity V was experienced over a wider area of British Columbia and Washington for this same earthquake.

Information on more than nine hundred unlocated events is also given in this catalogue in Tables 5-33 for each of the permanent seismograph stations in Table A which recorded unlocated events. The most active station in this regard was INK with about 250 unlocated events identified.

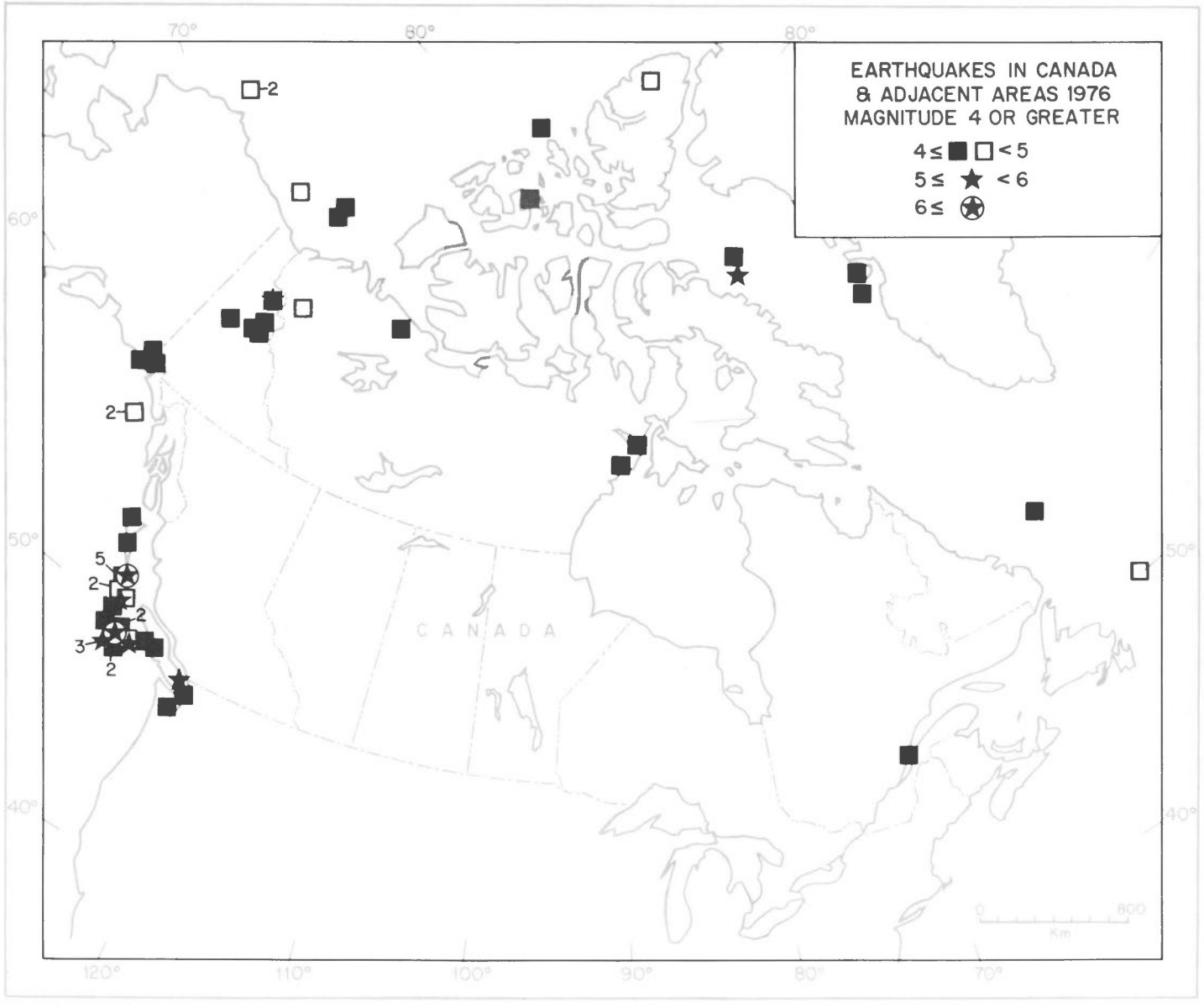

Figure 3: Earthquakes in Canada and adjacent areas with magnitude 4 or greater - 1976

TABLE B

Summary of Earthquakes Reported Felt - 1976

	Date and Time (GMT)	Magnitude	Felt Report
1.	18 Jan. 08:38	M_L3.9	Felt (V) at Port Renfrew, (III-IV) southern Vancouver Island, (II) at Victoria. Not felt in Vancouver. Probably felt but not reported along Juan de Fuca Strait in western Washington. See Figure 10.
2.	02 Feb. 21:14*	m_N3.4	Felt mildly along northern shore of Lake Erie from Kingsville to Leamington, Ont. Felt more strongly along western shore including New Boston, Flat Rock, Grosse Isle and southern Detroit, Michigan.
3.	10 Mar. 03:54	M_L3.6	Felt mildly in Vancouver.
4.	23 Mar. 22:31	m_N3.3	Felt (V) at Radville, Sask. Minor damage in the town hospital. Felt area of 200 km^2. See Figure 13.
5.	25 Mar. 00:12	m_N3.5	Felt (IV) at Radville, Sask. See Figure 13.
6.	13 May 07:11	M_L4.8	Felt (III - IV) on Queen Charlotte Islands. Not felt on B.C. mainland. See Figure 11.
7.	16 May 08:35*	m_b5.1	Felt (V) at Victoria, Nanaimo and many other localities on southern Vancouver Island and B.C. lower mainland. Felt (V) on Gulf Islands close to epicentre. Radius of the felt area is 150-200 km. Also felt in northwestern Washington. See Figure 12.
8.	20 May 14.55	m_N2.8	Felt mildly on northern shore of St. Lawrence River near Les Eboulements, Qué.
9.	08 July 03.59	M_L3.8	Felt in St. Elias Mountains, Y.T.
10.	13 Jul. 03513	m_N3.1	Felt (IV) at Huntington, Valleyfield and Rivière Beaudette, Qué. Not reported felt at Montréal.
11.	03 Aug. 02:59	m_N2.9	Felt mildly on the southern shore of St. Lawrence River, near St. Denis and Rivière Ouelle, Qué.
12.	12 Aug. 06:28	M_L3.8	Felt (III - IV) at Pemberton, B.C.
13.	02 Sept 13:36*	M_L4.5	Felt (III - IV) in Victoria and mildly in Vancouver. Epicentre is in Washington State where tremor was felt more strongly.

14.	08 Sept 08:21*	m_b4.6	Felt (II-III) in Victoria. Epicentre is in Washington State where tremor was felt more strongly.
15.	23 Oct. 20:58*	m_N4.2	Felt (V) at Saint-Siméon, Qué., and (IV) on the southern shores of St. Lawrence River. Felt (V) in northern Maine (Fig. 5).
16.	23 Oct. 21:23	m_N3.1	Felt mildly at Saint-Siméon, Qué.
17.	24 Oct. 10:49	m_N3.5	Felt mildly on both northern and southern shores of St. Lawrence River.
18.	07 Nov. 12:27	m_N2.9	Felt (IV) at Yarbo near Esterhazy, Sask.
19.	12 Nov. 14:47	m_N5.6	Felt mildly at Clyde, N.W.T.

*Also felt in United States

1. Eastern Region

The Eastern Region lies east of 85°W and includes Canada south of 60°N and the United States north of 40°N (Fig.1). Table 1 lists 78 events, 64 (including three rockbursts) in Canada and off the east coast (1A) and 14 in the northeastern United States (1B). This catalogue is not intended to be a complete listing of the seismicity of the northeastern United States. For information on seismic activity in this region, the reader is referred to the Bulletin of the Seismicity of the Northeastern United States (Chiburis and Ahner, 1976; 1977) or the Regional Seismicity Bulletin of the Lamont-Doherty Network (Schnerk et al., 1977). 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 if they are close (within 100 km) of the International Border. The distribution of seismic activity is shown in Fig. 4 which also shows the permanent seismograph stations in Canada.

The largest event in the Eastern Region was the 26 May Labrador Sea earthquake north of Newfoundland with magnitude M_L 4.4. This event was located well off the Labrador coast and was not reported felt.

The most widely felt event in the Eastern Region was the m_N 4.2 earthquake on 23 October in the St. Lawrence River near Saint-Siméon, Qué. The isoseismal map for this earthquake is shown in Fig. 5. The tremor was felt in Québec, New Brunswick and Maine. The highest intensity observed was V at Saint-Siméon about 10 km from the epicentre where merchandise in three of the town's stores was knocked to the floor. The main shock was followed by a series of 14 aftershocks (see Table 1A). The two largest aftershocks (23 October at 21:23 and 24 October at 10:49) were also reported felt in the immediate epicentral area.

Details of four other felt events are presented in Table 1A and summarized in Table B.

2. Northern Region

The Northern Region lies north of 60°N and extends west into Alaska to 145°W and east into Greenland (Fig. 1). Table 2 lists 161 earthquakes, 136 in Canada or adjacent waters (2A), 10 in or near Alaska (2B) and 15 in Greenland or to the northeast of Greenland (2C). The many events in southern Alaska west of 145°W are not included in this catalogue. For information on the seismicity of this area, the reader should contact NEIS at Boulder, Colorado. A few events located by EPB in northern Alaska

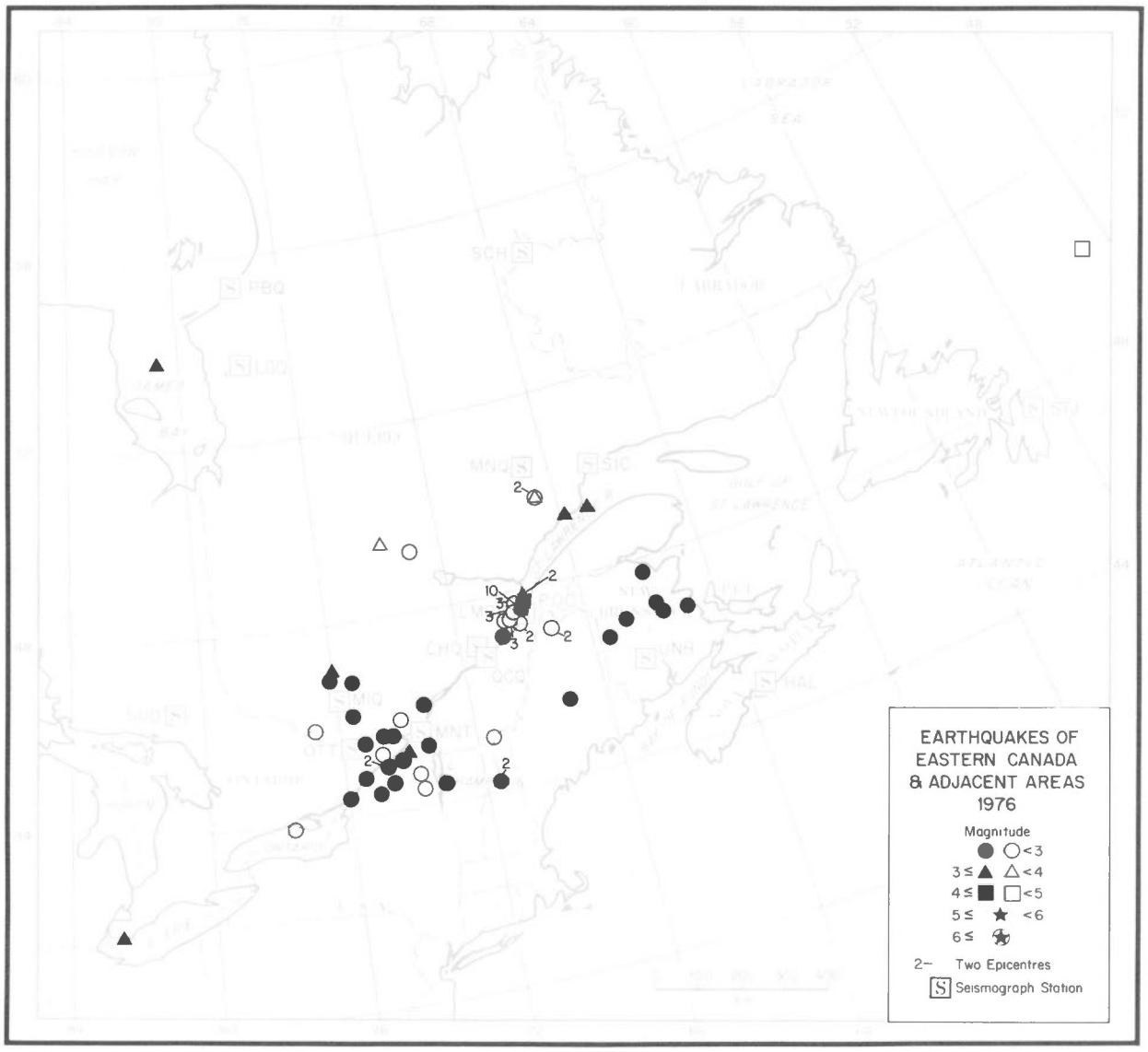

Figure 4: Earthquakes of Eastern Canada and adjacent areas - 1976

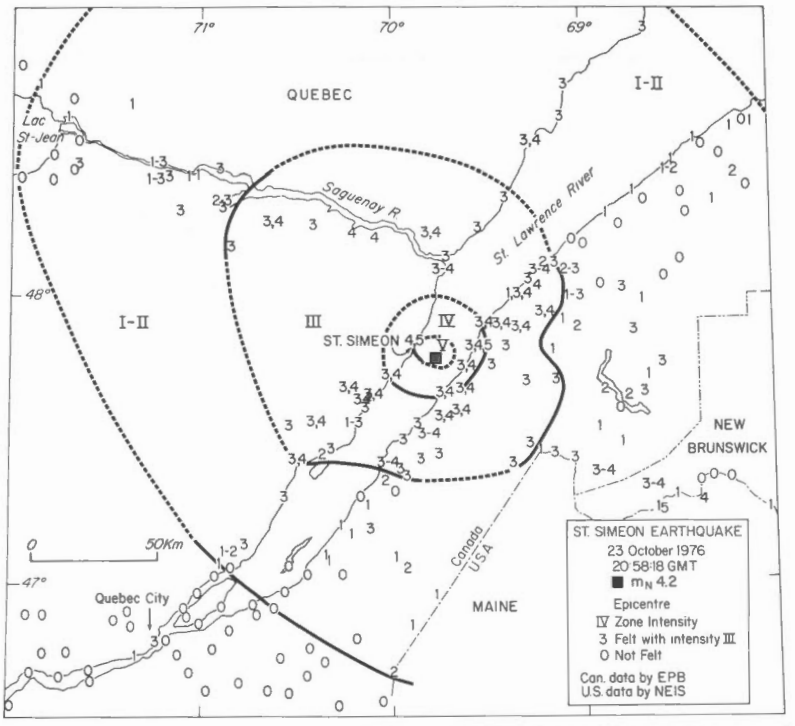

Figure 5: Observed intensities and isoseismals from the Saint-Siméon, Que., earthquake of 23 October 1976

and off northern Greenland outside the Northern Region are included in Tables 2B and 2C when no NEIS solution is available. The distribution of seismic activity in the Northern Region and neighbouring areas of the Western Region as well as the permanent seismograph stations are shown in Fig. 6 (a and b).

Two earthquakes with magnitude at least 5.0 occurred in northern Canada. The first occurred on 19 February with magnitude m_N 5.0 in the Richardson Mountains of the northeastern Yukon Territory. A preliminary focal mechanism solution for this event is given in Fig. 7a. The solution is very similar to one published by Leblanc and Wetmiller (1974) for a m_N 4.8 event in the same area on 26 July 1972. Both focal mechanisms show right-lateral strike-slip motion on a northwesterly trending vertical plane. The second earthquake occurred on 12 November with magnitude m_N 5.6 in Baffin Bay off northeastern Baffin Island. A preliminary focal mechanism is given for this event in Fig. 7b. The solution is poorly defined but favours strike-slip motion on northeasterly or northwesterly trending planes.

The 12 November Baffin Bay earthquake was felt mildly at Clyde, N.W.T., on the eastern coast of Baffin Island. One other earthquake, the 08 July earthquake near the Alaska-Yukon border (Table 2B), was felt in northern Canada in the southwestern Yukon Territory in 1976.

Fig. 8 shows the distance distribution of events reported by the five stations, ALE, INK, MBC, RES and WHC, in the Northern Region that 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 ALE histogram shows a large peak at distances greater than 500 km which represents seismic activity as detailed in Table 2C. The INK and WHC histograms 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 a broader peak represents the area of high seismicity in the southwestern Yukon (Fig. 6a). The MBC and RES histograms are also quite similar. Both show a peak at distances 50-100 km. The secondary peaks at MBC between 300-350 km and RES between 350 - 400 km represent the area of higher seismic activity northeast of Melville Island (Fig. 6a).

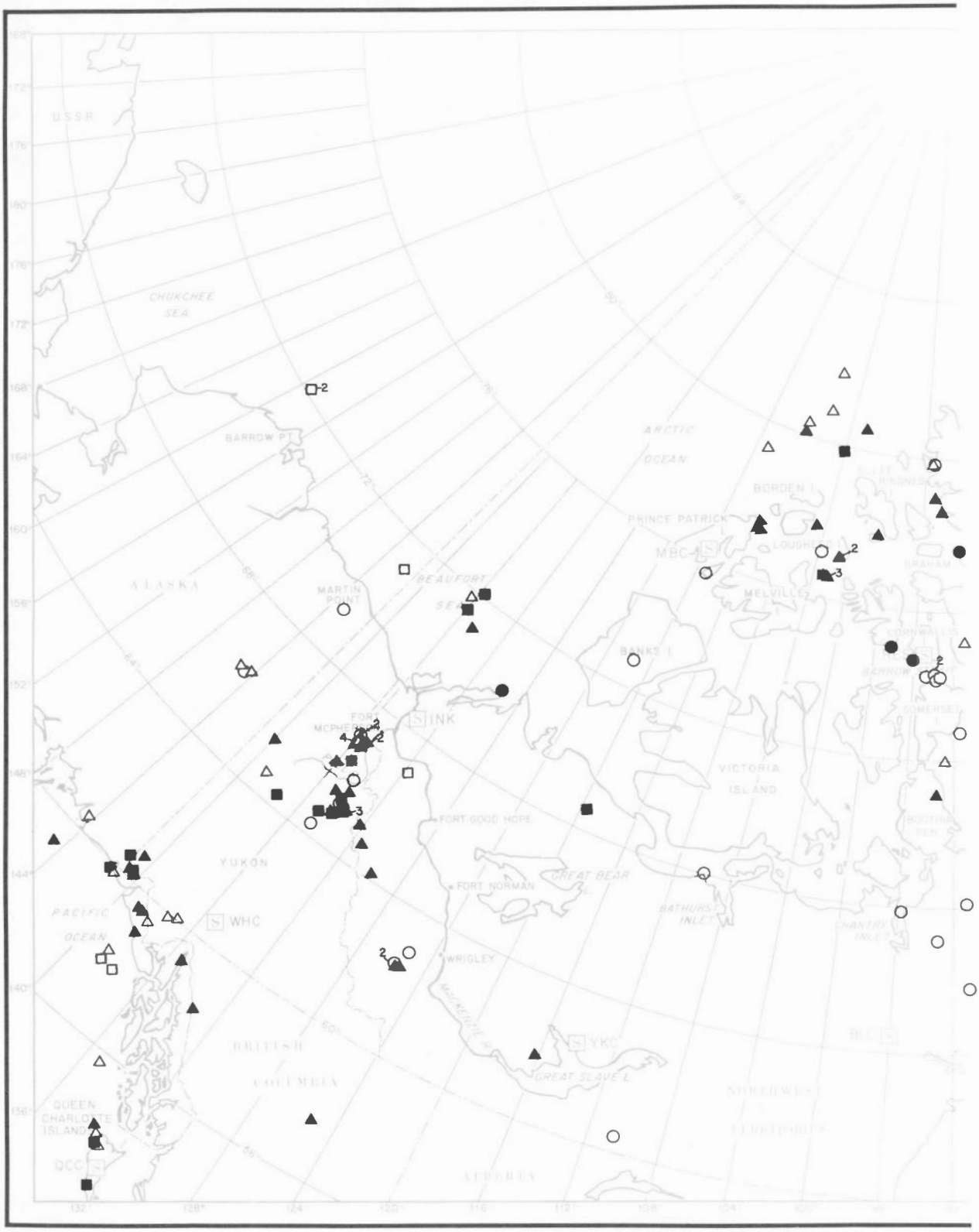

Figure 6: (Page 1 of 2) Earthquakes of Northern Canada and adjacent areas - 1976

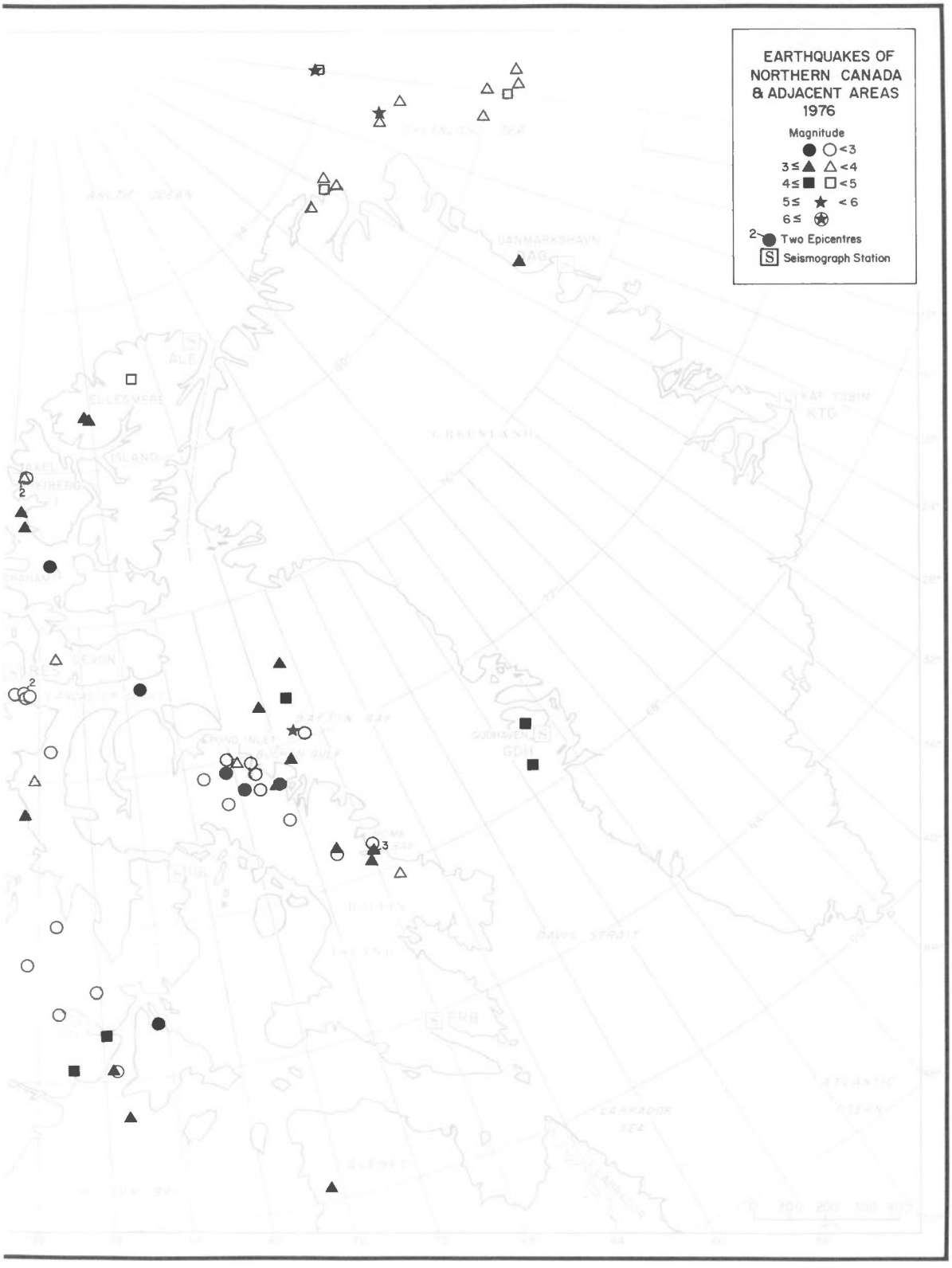

Figure 6: (Page 2 of 2) Earthquakes of Northern Canada and adjacent areas - 1976

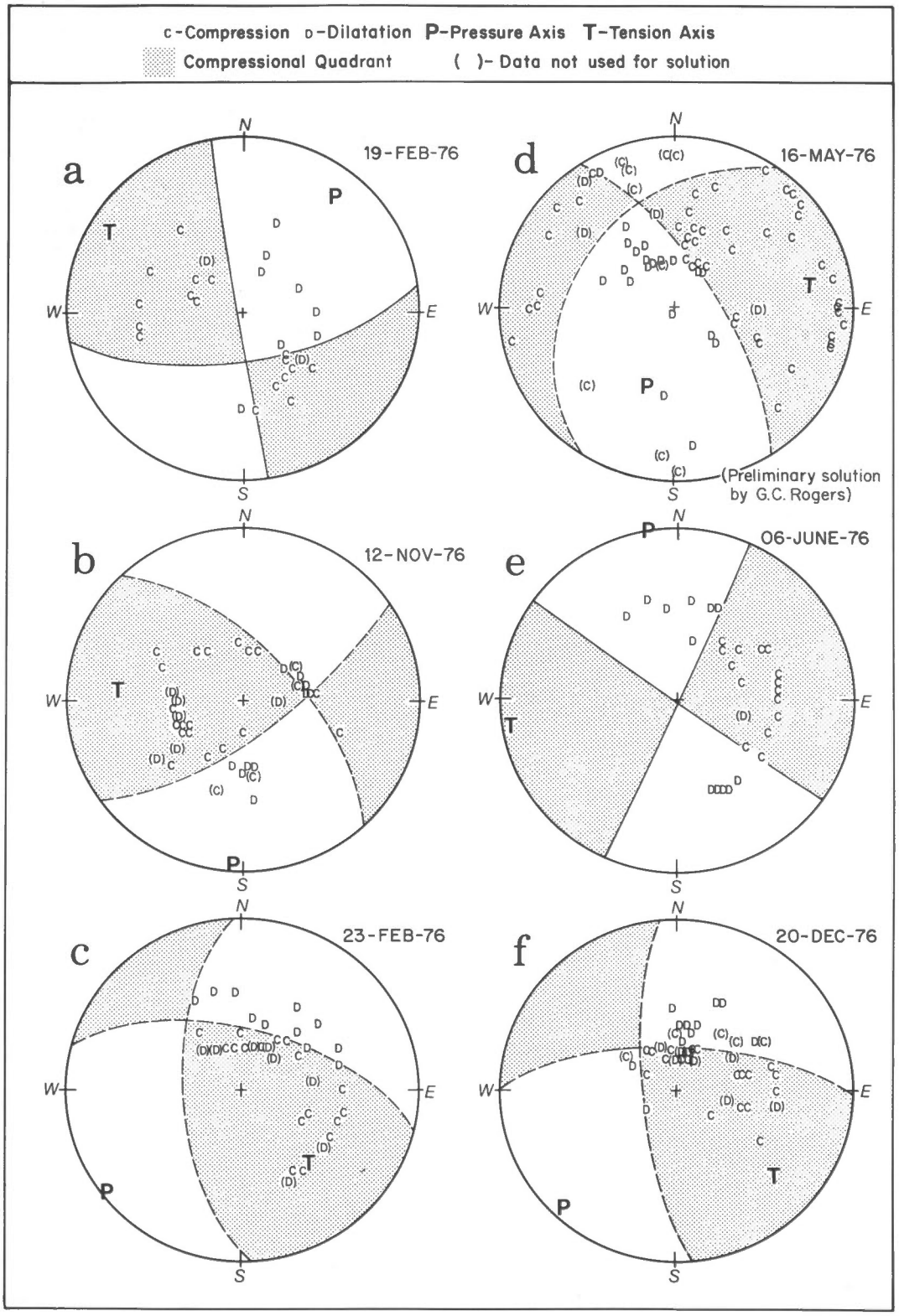

Figure 7: Focal Mechanisms - 1976 (see Table C)

TABLE C

Summary of Focal Mechanism Parameters - 1976 (see Fig. 7)

	Date	Time (GMT)	Location	Magnitude	Readings	Nodal Planes				P-Axis		T-Axis	
					Total/Incon.	St.[1]	Dip	St.[1]	Dip	St.[1]	Pl.	St.[1]	Pl.
a.	19 Feb.	04^h 55^m	Northeastern Yukon	m_N 5.0	28/4	80°	67°S	171°	88°S	38°	18°	303°	14°
b.	12 Nov.	14 47	Baffin Bay	m_N 5.6	57/10	54	73 SE	136	66 NE	184	5	276	30
c.	23 Feb.	15 14	Queen Charlotte Sound	M_S 6.0	40/10	104	61 NE	177	63 S	231	1	140	42
* d.	16 May	08 35	Pender Island, B.C.	m_b 5.1	78/13	145	73 NE	34	41 NW	200	49	80	23
e.	06 Jun.	02 17	West of Vancouver Isl.	m_b 5.2	29/2	34	89 SE	124	90	349	1	259	0
f.	20 Dec.	20 33	West of Vancouver Isl.	M_S 6.7	56/14	90	69 N	174	74 S	223	3	131	27

[1] strike measured clockwise from North

*preliminary solution by G.C. Rogers/VGO

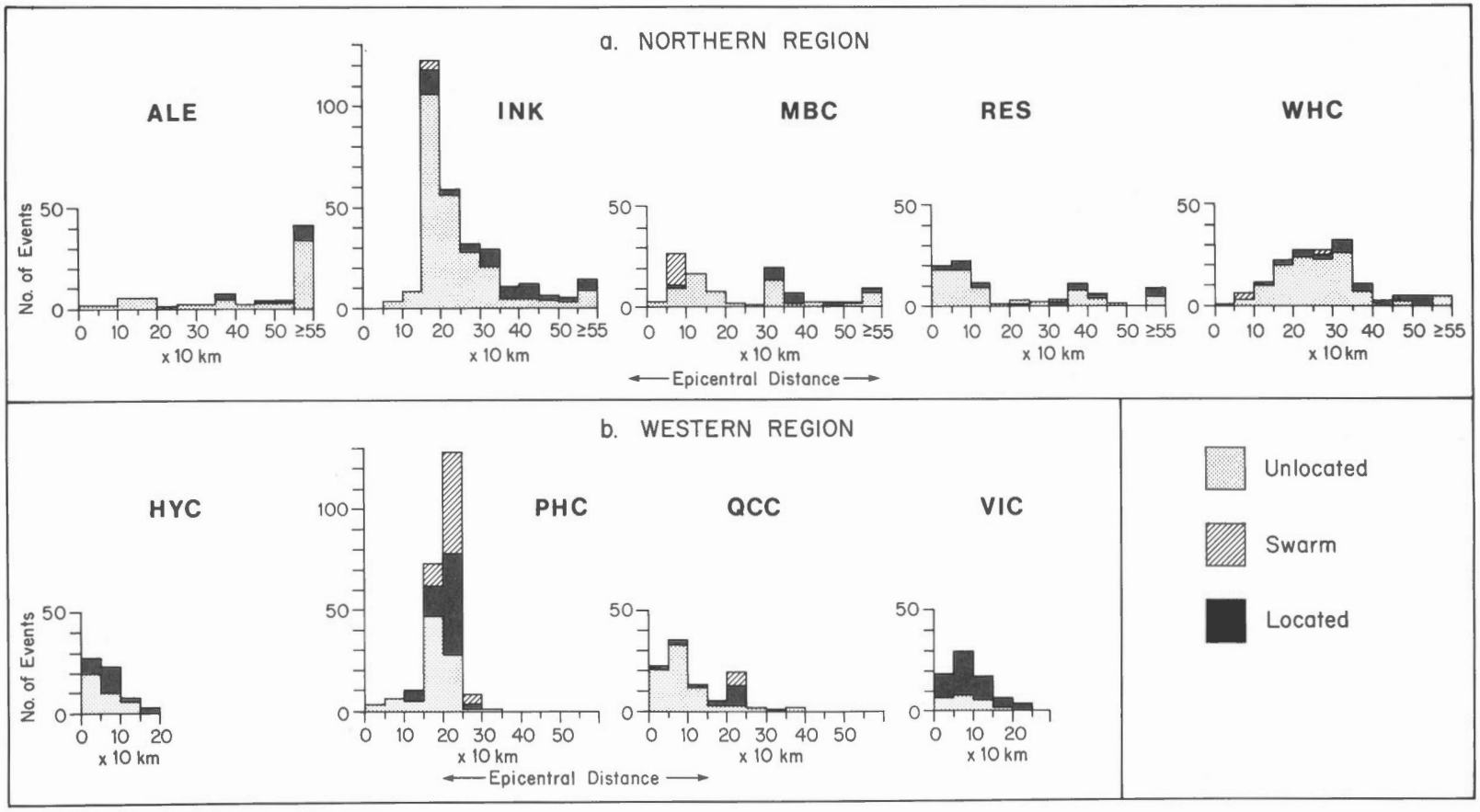

Figure 8: Histograms of unlocated events recorded at ALE, INK, MBC, RES, WHC, HYC, PHC, QCC and VIC - 1976

3. Western Region

The Western Region lies west of 113°W and includes Canada and Alaska east of 145°W and south of 60°N, Montana, Idaho and Washington States north of 48°N, and the Puget Sound area of Washington State north of 47°N between 121°W and 125°W (Fig.1). Table 3 lists 257 events in the Western Region, 167 in Canada and off the west coast (3A), 70 in Washington State (3B), eight in Montana (3C) and 10 in or near

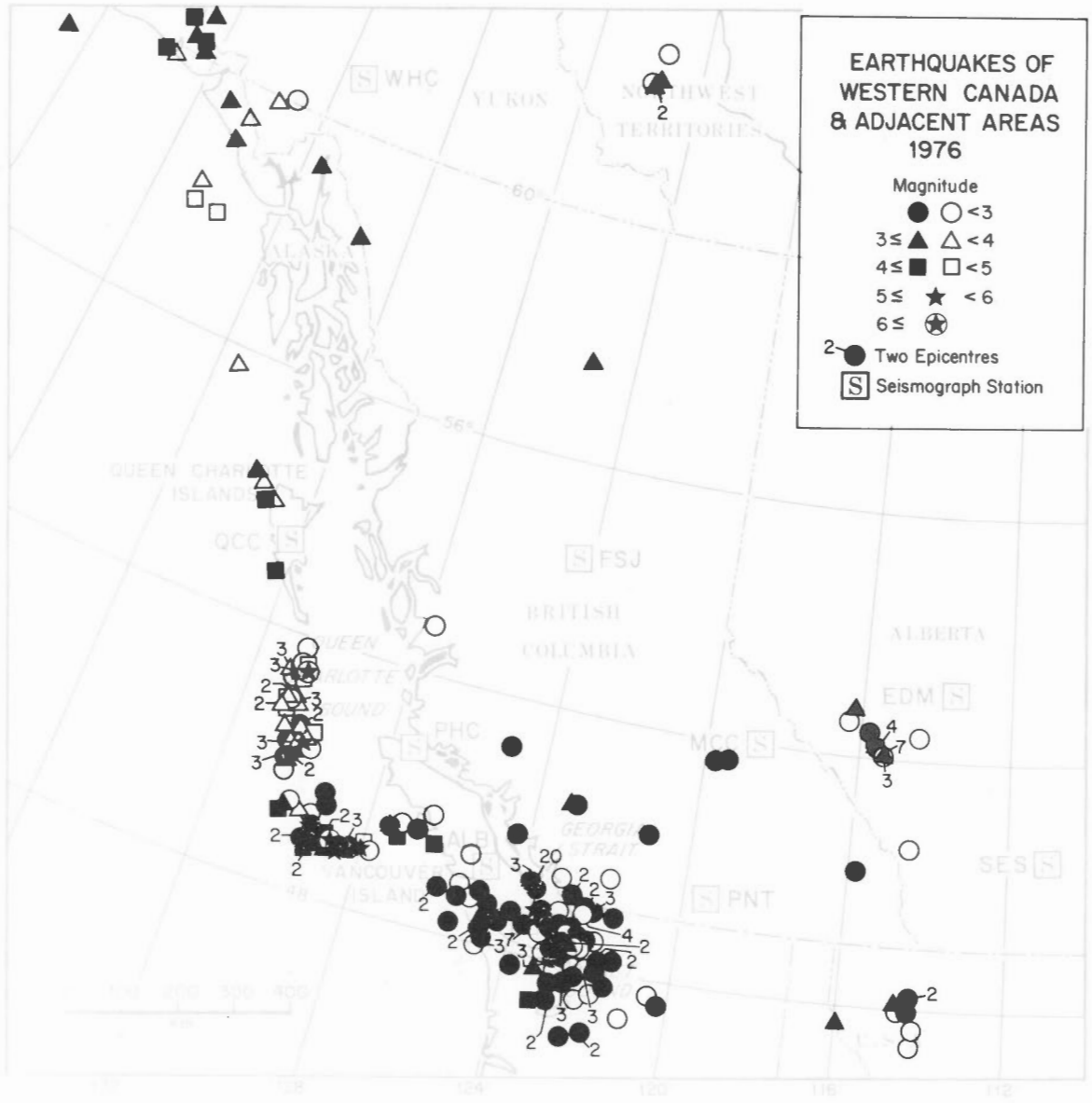

Figure 9: Earthquakes of Western Canada and adjacent areas - 1976

southeastern Alaska (3D). However, this catalogue is not intended to be a complete listing of seismic activity in these areas of the United States. For information on seismic activity in Washington the reader should contact the University of Washington at Seattle, and for activity in southeastern Alaska or Montana, NEIS at Boulder, Colorado. Those events in the United States 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 British Columbia 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 United States and vice versa. Some of the unlocated events identified at HYC, PIB, PNT and VIC may also originate in United States. The distribution of seismic activity in the Western Region is shown in Fig. 9 which also shows the permanent Canadian seismograph stations and earthquakes in adjacent areas of the Northern Region.

The largest earthquake in the Western Region was the 20 December west of Vancouver Island earthquake which had a magnitude of M_S 6.7.

In all, eight earthquakes with magnitude 5 or greater occurred in western Canada or adjacent waters. These events are listed in Table 3A on 02 January, 23 February, 16 May, 06 June and four on 20 December. Only the 16 May Pender Island earthquake occurred close to populated areas and was widely felt. Sufficient data exist to estimate the preliminary focal mechanism solutions for the four events given in Fig. 7. In general, the nodal planes are poorly defined because of the many inconsistencies in or limited azimuthal coverage of the data sets. However, the data sets are similar to those for previous earthquakes in the same area (Milne et al., 1977).

The distribution of felt reports is shown for three earthquakes in western Canada. The 18 January Port Renfrew earthquake is shown in Fig. 10, the 13 May Queen Charlotte Island

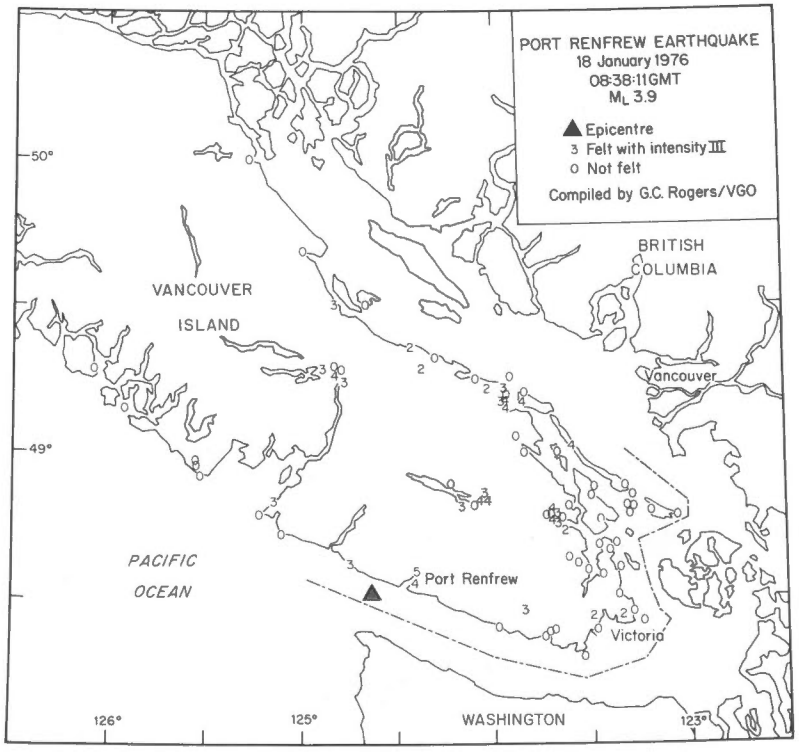

Figure 10: Observed intensities from the Port Renfrew, B.C. earthquake of 18 January 1976

earthquake is shown in Fig. 11 and the 16 May Pender Island earthquake is shown in Fig. 12. This latter tremor was felt widely in both British Columbia and Washington and resulted in minor damage (such as cracked plaster) in several localities of south-western British Columbia. The radius of the felt area varies from 150 to 200 km. A preliminary focal mechanism solution for this event is shown in Fig. 7d. Details of three other felt earthquakes in the British Columbia are presented in Table 3 and summarized in Table B.

One interesting feature of the seismicity of the Western Region in 1976 is the location of 19 earthquakes in west-central Alberta near Rocky Mountain House or Brazeau (Fig. 9).

Fig. 8 shows the distance distribution of events from the four stations, HYC, PHC, QCC and VIC, in the Western Region which recorded many 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 (57) 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 (9) 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 unlocated events indicated at VIC and HYC probably occurred in Washington State.

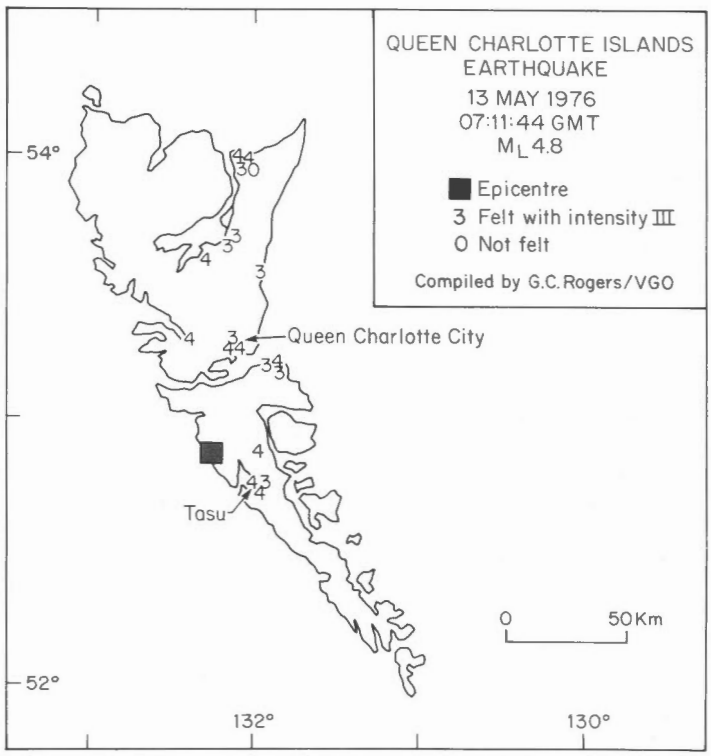

Figure 11: Observed intensities from the Queen Charlotte Islands earthquake of 13 May 1976

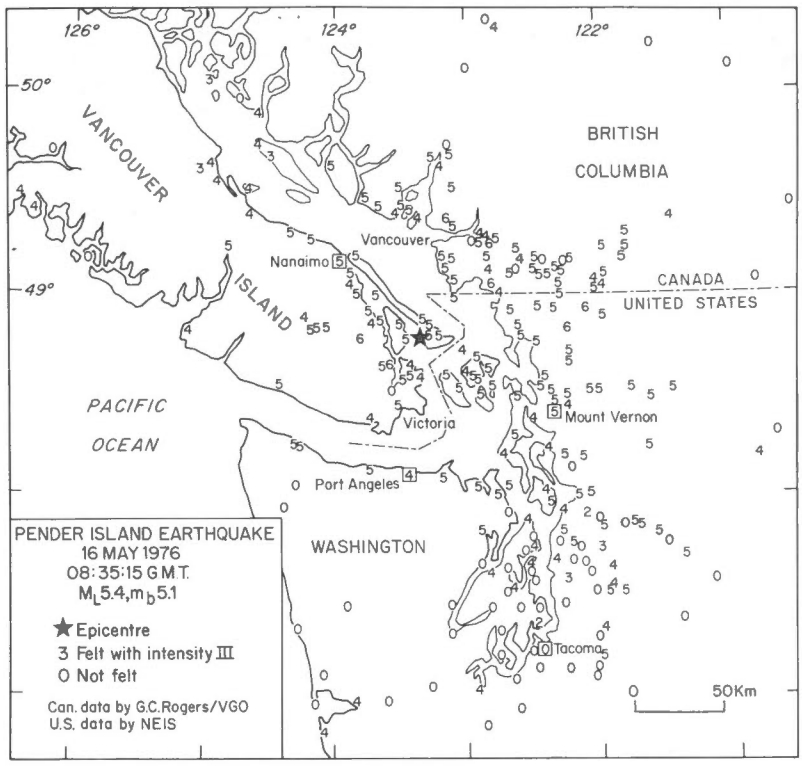

Figure 12: Observed intensities of the Pender Island, B.C., earthquake of 16 May 1976.

4. Central Region

The Central Region lies north of 49°N and south of 60°N between 85°W and 114°W includes Manitoba, Saskatchewan and parts of Alberta and Ontario. Table 4 lists four earthquakes. The distribution of these earthquakes is shown in Fig. 14 as well as permanent Canadian seismograph stations and earthquakes in adjacent areas of the Western Region.

All four earthquakes in central Canada occurred in southern Saskatchewan and three were reported felt. The distribution of felt reports is shown in Fig. 13 for the two earthquakes near Radville, Sask., on 23 and 25 March. A discussion of these and other earthquakes in central Saskatchewan is given in Horner and Hasegawa (1978).

Acknowledgements

We gratefully acknowledge the co-operation of Rev. M. Buist, S.J., Collège Jean-de-Brébeuf, in supplying seismograms from the Montréal Station on a routine basis. We also thank the Physics Department, University of Alberta, for loaning the

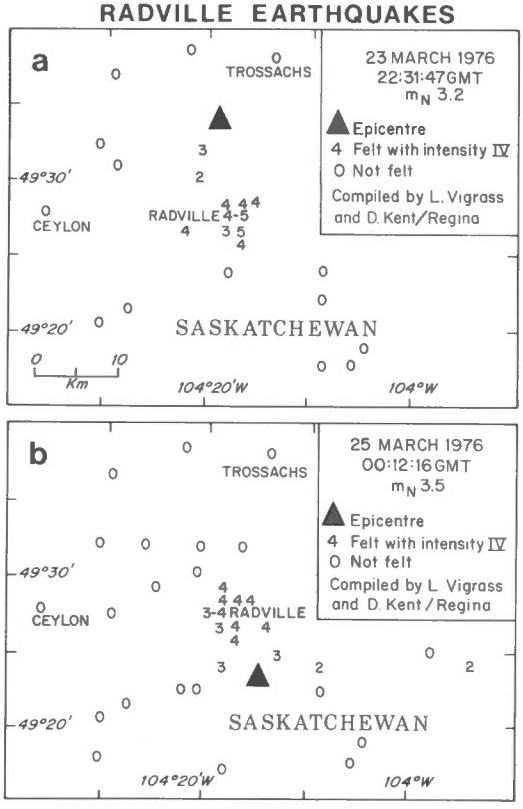

Figure 13: Observed intensities of the Radville Sask., earthquakes of 23 and 25 March, 1976

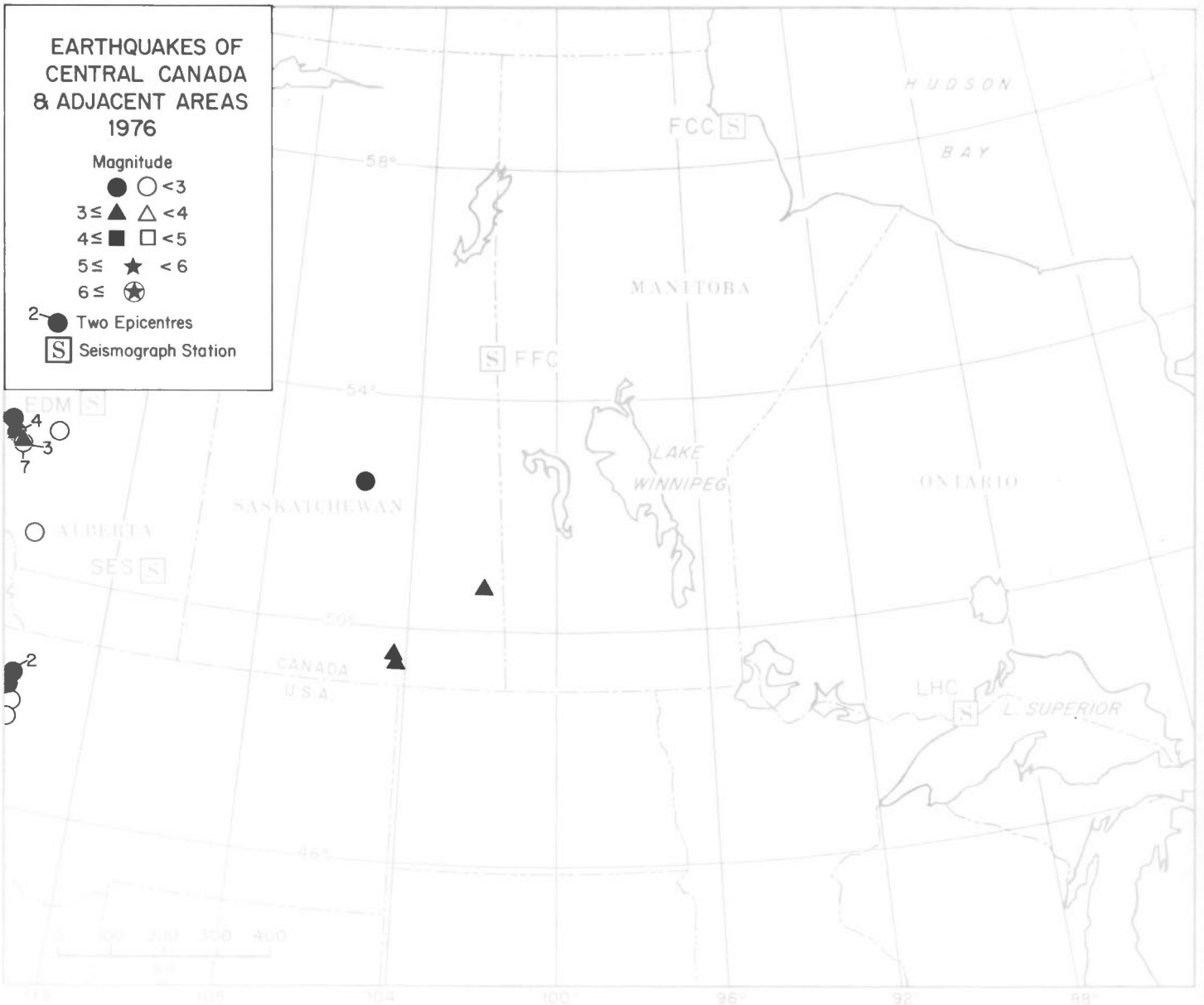

Figure 14: Earthquakes of Central Canada - 1976

records of the Edmonton Observatory. G.C. Rogers of the Pacific Geoscience Centre, gathered data on felt earthquakes in Western Canada and several smaller events near Victoria. Dr. G. Holdsworth of Environment Canada reported the effects of the 07 July earthquake in the southwestern Yukon. Dr. R.M. Ellis of University of British Columbia supplied data on events near Mica Creek. Dr. R. Mereu of the University of Western Ontario supplied data on events in southwestern Ontario. R. Schnerk of Lamont-Doherty Geological Observatory, Dr. E. Chiburis of the University of Connecticut and J.F. Loftus of Weston Observatory supplied data on smaller events in the northeastern United States. Dr. E. Hjortenberg 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 United States. L. Vigrass and D. Kent of the University of Saskatchewan supplied data on the two earthquakes felt near Radville, Sask.

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

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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.

Wickens, A.J. and J.H. Hodgson, 1967. Computer re-evaluation of earthquake mechanism solutions. Publ. Dom. Obs., Ottawa, 33, 560 p.

APPENDIX

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, analyzes 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. Ser. Earth 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.

1975; Wetmiller, R.J. 1977. Canadian Earthquakes - 1975. Seism. Ser. Earth Physics Br., No. 77, 41 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, Ottwa, 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

EARTHQUAKES OF EASTERN CANADA AND ADJACENT AREAS
1976

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

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
		1A. CANADIAN EPICENTRES							
JAN 3	12 50 41.(0)	45.05 N(0.01)	74.26 W(0.01)	0.2		4	8	0	F
	QUEBEC-NEW YORK BORDER, NEAR HUNTINGDON, P.Q.								
	POORLY RECORDED AT MNT								
	70 KM SW FROM MNT								
JAN 7	07 22 11.(2)	45.89 N(0.04)	76.75 W(0.13)	1.7	ML=1.9( )	5	10	1	O
	OTTAWA VALLEY, NEAR FORT COULONGE, P.Q.								
	80 KM SW FROM MIQ								
	DEPTH = 10. KM(G) (EPB)								
JAN 9	00 09 16.(4)	45.17 N(0.14)	71.54 W(0.20)	1.5		3	5	0	O
	QUEBEC-NEW HAMPSHIRE BORDER, ST.-HERMENEGILDE, P.Q.								
	NOT RECORDED AT MNT, MAGNITUDE LESS THAN ML 1.5								
	170 KM E FROM MNT								
JAN 13	21 15 58.(1)	46.88 N(0.04)	76.09 W(0.08)	1.4	MN=2.9( )	8	19	1	F
	SOUTHWESTERN QUEBEC, WEST OF THE BASKATONG RESERVOIR								
	60 KM N FROM MIQ								
JAN 18	09 03 57.(3)	46.80 N(0.10)	65.71 W(0.18)	2.1	ML=1.9( )	4	8	1	F
	WEST-CENTRAL NEW BRUNSWICK, NEAR BLACKVILLE								
	120 KM NE FROM UNB								
JAN 25	06 54 02.(1)	45.50 N(0.03)	75.32 W(0.03)	0.6	ML=1.0( )	4	7	1	F
	OTTAWA VALLEY, NEAR ROCKLAND, ONT.								
	35 KM E FROM OTT								
FEB 2	14 44 13.(1)	46.10 N(0.03)	75.56 W(0.05)	1.6	MN=2.9( )	11	20	1	F
	SOUTHWESTERN QUEBEC, NEAR NOTRE DAME-DU-LAUS								
	SMALL AFTERSHOCK AT MIQ THIS DAY								
	45 KM SE FROM MIQ								
	DEPTH = 10. KM(G) (EPB)								
FEB 2	21 14 02.(1)	41.98 N(0.05)	82.67 W(0.05)	1.9	MN=3.4(0.1)	8	12	4	F
	WESTERN END OF LAKE ERIE IN CANADIAN WATERS								
	FELT MILDLY ON CANADIAN SHORE OF LAKE ERIE FROM KINGSVILLE TO LEAMINGTON								
	NO FELT REPORTS FROM AMHERSTBURG, ONE FELT REPORT FROM WINDSOR								
	FELT MORE STRONGLY ALONG THE MICHIGAN SHORE OF LAKE ERIE								
	INCLUDING NEW BOSTON, FLAT ROCK, GROSSE ILE AND SOUTHERN DETROIT.								
	680 KM SW FROM OTT								
	DEPTH = 10. KM(G) (EPB)								
FEB 4	10 27 29.(1)	45.88 N(0.03)	74.17 W(0.02)	0.3	ML=1.9( )	4	6	1	O
	SOUTHWESTERN QUEBEC, NEAR MORIN HEIGHTS								
	60 KM NW FROM MNT								
FEB 4	12 34 07.(1)	46.09 N(0.04)	73.40 W(0.05)	0.5	ML=1.5( )	4	7	1	F
	SOUTHERN QUEBEC, NEAR JOLIETTE								
	70 KM N FROM MNT								
FEB 8	23 27 46.(1)	47.32 N(0.06)	70.02 W(0.05)	1.6	ML=1.2(0.7)	5	9	2	O
	SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER								
	NEAR RIVIERE OUELLE, P.Q.								
	5 KM S FROM POC								
	DEPTH = 10. KM(G) (EPB)								
FEB 12	00 38 22.(0)	45.55 N(0.01)	74.51 W(0.01)	0.4	ML=1.7(0.2)	6	11	3	F
	OTTAWA VALLEY, SOUTHEAST OF HAWKESBURY, ONT.								
	70 KM W FROM MNT								
	DEPTH = 10. KM(G) (EPB)								
FEB 16	22 28 49.(0)	45.22 N(0.02)	74.86 W(0.01)	0.2	ML=1.6(0.2)	3	4	3	O
	SOUTHEASTERN ONTARIO, NEAR MAXVILLE								
	70 KM E FROM OTT								
	DEPTH = 10. KM(G) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
FEB 20	14 42 26.(2)	47.75 N(0.09)	65.95 W(0.12)	1.8	ML=2.1( )	5	13	1	F
	NORTHERN NEW BRUNSWICK, NEAR BATHURST								
	210 KM N FROM UNB								
MAR 7	21 57 49.(2)	48.20 N(0.10)	78.12 W(0.04)	0.6	MN=2.3( )	4	5	1	0
	WESTERN QUEBEC, SOUTH OF MALARTIC								
	PROBABLE ROCKBURST. NOT PLOTTED								
	260 KM NW FROM MIQ								
MAR 8	18 08 40.(2)	46.78 N(0.06)	64.96 W(0.08)	1.3	ML=2.8(0.2)	5	9	2	F
	EASTERN NEW BRUNSWICK, SOUTHEAST OF CHATHAM								
	160 KM NE FROM UNB								
MAR 17	04 22 41.(1)	47.77 N(0.03)	70.04 W(0.04)	0.7	ML=2.0(0.1)	4	6	3	0
	LOWER ST. LAWRENCE RIVER, NEAR LA MALBAIE, P.Q.								
	45 KM N FROM POC								
	DEPTH = 10. KM(G) (EPB)								
MAR 29	21 23 27.(1)	49.34 N(0.02)	67.86 W(0.09)	1.4	MN=3.3( )	5	11	1	F
	LOWER ST. LAWRENCE RIVER, NEAR BAIE-COMEAU, P.Q.								
	SIC WAS NOT OPERATING FOR THIS EVENT								
	POSSIBLE AFTERSHOCK AT SIC NEXT DAY								
	120 KM SW FROM SIC								
APR 7	04 29 15.(0)	45.26 N(0.02)	73.51 W(0.05)	0.6	ML=0.9( )	6	9	1	F
	SOUTHERN QUEBEC, SOUTH OF MONTREAL								
	30 KM S FROM MNT								
MAY 5	03 01 04.(4)	49.56 N(0.32)	73.90 W(0.49)	2.3	MN=3.1( )	4	6	1	0
	CENTRAL QUEBEC, NORTHWEST OF LAC ST. JEAN								
	380 KM W FROM MNQ								
MAY 15	21 06 52.(0)	49.84 N(0.00)	68.62 W(0.00)	0.0	MN=3.3( )	4	6	1	0
	EASTERN QUEBEC, IN THE MANICOUAGAN RIVER VALLEY								
	80 KM S FROM MNQ								
	DEPTH = 3. KM(G) (EPB)								
MAY 20	14 55 16.(1)	47.45 N(0.03)	70.31 W(0.05)	1.6	MN=2.8(0.1)	8	10	3	0
	LOWER ST. LAWRENCE RIVER, NEAR LES EBOULEMENTS, P.Q.								
	FELT MILDLY CLOSE TO THE EPICENTRE								
	20 KM NW FROM POC								
	DEPTH = 10. KM(G) (EPB)								
MAY 26	18 26 33.(2)	55.47 N(0.12)	52.74 W(0.18)	1.5	ML=4.4(0.3)	4	8	4	F
	LABRADOR SEA								
	900 KM E FROM SCH								
MAY 31	19 19 20.(0)	49.84 N(0.00)	68.62 W(0.00)	0.0	ML=2.2(0.6)	3	5	3	0
	EASTERN QUEBEC, IN THE MANICOUAGAN RIVER VALLEY								
	DEPTH = 3. KM(G) (EPB)								
	80 KM S FROM MNQ								
JUN 3	04 37 57.(2)	51.34 N(0.05)	65.62 W(0.20)	1.4	ML=2.4(0.4)	3	6	2	F
	EASTERN QUEBEC, POSSIBLE BLAST								
	NOT PLOTTED								
	150 KM NE FROM SIC								
JUN 3	09 40 06.(0)	49.84 N(0.00)	68.62 W(0.00)	0.0	MN=2.5( )	4	6	1	0
	EASTERN QUEBEC, IN THE MANICOUAGAN RIVER VALLEY								
	DEPTH = 3. KM(G) (EPB)								
	80 KM S FROM MNQ								
JUN 8	07 32 48.(0)	47.27 N(0.05)	69.93 W(0.03)	1.1	ML=1.2(1.0)	5	9	2	0
	SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER								
	NEAR ST.-ONESIME, P.Q.								
	15 KM SE FROM POC								
	DEPTH = 10. KM(G) (EPB)								
JUN 16	21 20 12.(1)	47.58 N(0.03)	70.12 W(0.06)	0.7	ML=1.6(0.2)	3	5	2	0
	LOWER ST. LAWRENCE RIVER, NEAR LA MALBAIE, P.Q.								
	25 KM N FROM POC								
	DEPTH = 10. KM(G) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
JUL 11	05 15 02.(0)	47.43 N(0.03)	70.44 W(0.03)	1.4	MN=2.9(0.3)	9	20	2	F
	OFF NORTHERN SHORE OF LOWER ST. LAWRENCE RIVER NEAR ILE AUX COUDRES, P.Q. 30 KM W FROM POC DEPTH = 10. KM(G) (EPB)								
JUL 13	03 51 14.(0)	45.17 N(0.02)	74.10 W(0.03)	1.5	MN=3.1( )	18	33	1	F
WES	03 51 14.	45.29 N	74.06 W	1.0	MN=3.0	36	36	1	
	SOUTHERN QUEBEC, NEAR HUNTINGDON FELT(IV) AT HUNTINGDON, VALLEYFIELD AND RIVIERE BEAUDETTE FELT MILDLY ALONG THE ST. LAWRENCE RIVER FROM VALLEYFIELD TO CHATEAUGUAY. NOT REPORTED FELT IN MONTREAL. 50 KM SW FROM MNT DEPTH = 9. KM(4.) (EPB)								
JUL 16	18 57 31.(5)	43.90 N(0.25)	77.65 W(0.24)	1.6		3	5	0	0
LDGO	18 57 30.	43.99 N	77.86 W	0.3		5	5		
	OFF NORTHERN SHORE OF LAKE ONTARIO, NEAR COLBORNE, ONT. NOT RECORDED AT OTT, MAGNITUDE LESS THAN ML 2.5 230 KM SW FROM OTT								
AUG 3	00 44 39.(2)	46.89 N(0.07)	66.87 W(0.12)	1.4	ML=1.4( )	4	10	1	F
WES	00 44 40.	46.87 N	66.88 W	1.5		12	12		
	CENTRAL NEW BRUNSWICK, NEAR JUNIPER 110 KM N FROM UNB								
AUG 3	02 57 13.(1)	47.69 N(0.04)	70.10 W(0.05)	1.8	MN=2.9( )	11	15	1	F
	NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER NEAR LA MALBAIE, P.Q. FELT AT ST.-DENIS AND RIVIERE-OUELLE ON SOUTHERN SHORE DEPTH = 10. KM(G) (EPB)								
AUG 7	07 50 11.(1)	49.77 N(0.02)	74.98 W(0.06)	1.5	MN=3.1(0.2)	8	12	3	F
	CENTRAL QUEBEC, NEAR CHIBOUGAMAU POSSIBLE BLAST, NOT PLOTTED. 390 KM N FROM MIQ								
AUG 19	15 44 31.(1)	53.90 N(0.03)	80.72 W(0.06)	2.1	MN=3.1(0.3)	11	14	9	F
	JAMES BAY, N.W.T. WEST OF FORT GEORGE, P.Q. 200 KM W FROM LGO								
AUG 28	19 23 30.(2)	50.10 N(0.07)	48.85 W(0.20)	1.0	ML=4.0(0.4)	3	6	3	0
	ATLANTIC OCEAN, NORTHEAST OF NEWFOUNDLAND 400 KM NE FROM STJ								
AUG 30	00 30 36.(2)	47.66 N(0.06)	70.02 W(0.06)	0.6	MN=2.0( )	4	6	1	0
	NORTHERN SHORE OF LOWER ST. LAWRENCE RIVER NEAR ST.-FIDELE, P.Q. 35 KM N FROM POC DEPTH = 10. KM(G) (EPB)								
SEP 12	12 38 06.(3)	48.04 N(0.15)	78.04 W(0.06)	1.1	ML=2.8(0.3)	4	6	3	0
	ROCKBURST AT EAST MALARTIC MINE IN MALARTIC, P.Q. NOT PLOTTED 240 KM NW FROM MIQ								
SEP 18	00 40 32.(1)	49.36 N(0.03)	67.10 W(0.08)	1.9	MN=3.4(0.2)	8	15	4	F
	LOWER ST. LAWRENCE RIVER, OFF BAIE-TRINITE, P.Q. 90 KM S FROM SIC								
OCT 22	18 50 56.(1)	48.16 N(0.03)	78.05 W(0.05)	1.0	ML=3.0(0.2)	4	6	3	0
	WESTERN QUEBEC, NEAR MALARTIC PROBABLE ROCKBURST, NOT PLOTTED 250 KM NW FROM MIQ								
OCT 23	20 58 18.(0)	47.82 N(0.02)	69.78 W(0.03)	1.6	MN=4.2(0.2)	38	59	17	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q. FELT(V) IN ST.-SIMEON WHERE STOCK IN STORES WAS THROWN TO THE FLOOR. FELT IN QUEBEC, NEW BRUNSWICK AND MAINE TO DISTANCES OF 180 KM. SEE FIGURE 5. 50 KM N FROM POC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
OCT 23	21 22 38.(0)	47.77 N(0.01)	69.83 W(0.01)	0.2	ML=1.2(0.3)	6	10	3	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	50 KM N FROM POC								
	DEPTH = 21. KM(1.) (EPB)								
OCT 23	21 23 06.(1)	47.88 N(0.03)	69.78 W(0.03)	1.3	MN=3.1(0.1)	16	22	3	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	FELT MILDLY ON THE NORTHERN SHORE OF THE ST. LAWRENCE RIVER								
	60 KM N FROM POC								
	DEPTH = 18. KM(4.) (EPB)								
OCT 23	21 53 13.(1)	47.78 N(0.04)	69.83 W(0.02)	0.3	ML=0.9(0.2)	6	8	3	0
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	POORLY RECORDED AT POC								
	50 KM N FROM POC								
	DEPTH = 22. KM(2.) (EPB)								
OCT 23	22 07 09.(1)	47.77 N(0.03)	69.77 W(0.02)	0.3	ML=0.9(0.3)	6	8	3	0
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	POORLY RECORDED AT POC								
	50 KM NE FROM POC								
	DEPTH = 21. KM(2.) (EPB)								
OCT 24	01 59 09.(1)	47.78 N(0.03)	69.82 W(0.01)	0.2	ML=0.8(0.3)	6	7	3	0
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	POORLY RECORDED AT POC								
	50 KM N FROM POC								
	DEPTH = 22. KM(2.) (EPB)								
OCT 24	10 49 46.(0)	47.81 N(0.02)	69.87 W(0.02)	1.3	MN=3.5(0.1)	27	39	4	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	FELT ON BOTH THE NORTHERN AND SOUTHERN SHORES								
	OF THE ST. LAWRENCE RIVER.								
	50 KM N FROM POC								
	DEPTH = 18. KM(3.) (EPB)								
OCT 24	11 22 06.(1)	47.78 N(0.04)	69.84 W(0.02)	0.4	ML=1.6(0.3)	6	11	4	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	50 KM N FROM POC								
	DEPTH = 22. KM(2.) (EPB)								
OCT 24	18 11 20.(1)	47.78 N(0.02)	69.83 W(0.01)	0.3	ML=1.3(0.2)	6	11	4	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	50 KM N FROM POC								
	DEPTH = 18. KM(2.) (EPB)								
OCT 27	02 23 19.(0)	47.75 N(0.02)	69.79 W(0.03)	0.6	ML=1.2(0.4)	8	13	2	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	45 KM NE FROM LMQ								
	DEPTH = 14. KM(3.) (EPB)								
OCT 27	06 13 16.(1)	47.75 N(0.02)	69.80 W(0.02)	0.1	ML=1.0(0.5)	6	10	3	F
	LOWER ST. LAWRENCE RIVER, BETWEEN ST.-SIMEON AND RIVIERE-DU-LOUP, P.Q.								
	45 KM NE FROM LMQ								
	DEPTH = 24. KM(1.) (EPB)								
OCT 28	12 22 16.(1)	45.57 N(0.02)	74.72 W(0.02)	0.7	ML=1.7(0.2)	7	14	3	F
LDGO	12 22 16.	45.61 N	74.69 W	0.1	MN=2.6	8	8		
	OTTAWA RIVER, NEAR HAWKESBURY, ONT.								
	DEPTH = 1. KM(6.) (LDGO)								
	80 KM E FROM OTT								
	DEPTH = 13. KM(23.) (EPB)								
OCT 31	04 23 11.(1)	47.45 N(0.06)	70.48 W(0.02)	0.7	MN=2.3(0.1)	9	12	2	0
	LOWER ST. LAWRENCE RIVER, OFF BAIE-ST.-PAUL, P.Q.								
	35 KM W FROM POC								
	DEPTH = 5. KM(G) (EPB)								
NOV 1	17 51 26.(1)	47.65 N(0.04)	69.85 W(0.02)	0.4	ML=1.9(0.2)	7	12	4	F
	LOWER ST. LAWRENCE RIVER, OFF ST.-SIMEON, P.Q.								
	35 KM NE FROM POC								
	DEPTH = 25. KM(2.) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
NOV 3	20 52 30.(1)	47.59 N(0.03)	69.98 W(0.02)	0.6	ML=1.7(0.4)	7	12	2	F
	LOWER ST. LAWRENCE RIVER, OFF ST.-FIDELE, P.Q.								
	25 KM N FROM POC								
	DEPTH = 5. KM(17.) (EPB)								
NOV 5	11 40 25.(0)	47.73 N(0.03)	69.84 W(0.01)	0.4	ML=1.9(0.2)	8	16	5	0
	LOWER ST. LAWRENCE RIVER, OFF ST.-SIMEON, P.Q.								
	40 KM NE FROM LMQ								
	DEPTH = 23. KM(2.) (EPB)								
NOV 5	16 50 00.(0)	46.76 N(0.02)	75.48 W(0.02)	0.4	MN=2.9( )	5	9	1	F
	WESTERN QUEBEC, NEAR MONT-LAURIER								
	60 KM NE FROM MIQ								
NOV 6	06 09 29.(1)	47.11 N(0.04)	75.96 W(0.05)	1.7	MN=3.0( )	7	11	1	F
	WESTERN QUEBEC, NORTH OF THE BASKATONG RESERVOIR								
	80 KM N FROM MIQ								
NOV 10	04 05 06.(0)	47.15 N(0.02)	70.62 W(0.01)	0.4	ML=1.9(0.2)	8	14	6	F
	LOWER ST. LAWRENCE RIVER, OFF ST.-TITE-DES-CAPS, P.Q.								
	50 KM SW FROM LMQ								
	DEPTH = 20. KM(7.) (EPB)								
DEC 4	01 38 19.(1)	47.54 N(0.04)	70.39 W(0.04)	0.4	ML=0.7(0.4)	3	4	2	0
	NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER								
	NEAR BAIE-ST.-PAUL, P.Q.								
	5 KM W FROM LMQ								
DEC 14	18 11 60.(1)	49.29 N(0.03)	72.99 W(0.06)	1.0	MN=2.9(0.3)	6	8	2	0
	CENTRAL QUEBEC, WEST OF LAC ST.-JEAN								
	280 KM NW FROM LMQ								
DEC 17	16 48 01.(1)	47.69 N(0.04)	69.80 W(0.03)	0.6	ML=1.3(0.3)	7	12	4	F
	LOWER ST. LAWRENCE RIVER, OFF ST.-SIMEON, P.Q.								
	40 KM NE FROM POC								
	DEPTH = 15. KM(12.) (EPB)								
DEC 23	09 25 07.(0)	46.61 N(0.01)	67.48 W(0.03)	0.3	ML=1.5(0.0)	5	10	3	F
WES	09 25 07.	46.58 N	67.45 W	0.2	MN=2.4	10	10	4	
	WEST-CENTRAL NEW BRUNSWICK, NEAR BORDER WITH MAINE								
	NOT RECORDED AT UNB								
	100 KM NW FROM UNB								
DEC 27	23 46 08.(2)	47.79 N(0.07)	69.90 W(0.08)	0.8	ML=1.6(0.3)	3	5	4	0
	NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER								
	NEAR ST.-SIMEON, P.Q.								
	40 KM NE FROM LMQ								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	

18. UNITED STATES EPICENTRES

APR 28	21 32 43.(0)	44.60 N(0.02)	74.62 W(0.03)	1.2	MN=2.7( )	17	25	1	F
LDGO	21 32 44.	44.58 N	74.63 W	0.1	MN=2.8	17	17	7	
	NORTHERN NEW YORK STATE, NEAR POTSDAM								
	DEPTH = 1. KM(G) (LDGO)								
	120 KM SE FROM OTT								
	DEPTH = 2. KM(4.) (EPB)								
JUN 12									
WES	21 00 59.	44.24 N	71.61 W	0.9	MN=2.4	18	31	7	F
	NEAR FRANCONIA NEW HAMPSHIRE. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(G) (WES)								
JUN 14									
WES	05 31 50.	44.29 N	71.69 W	0.7	MN=2.0	8	18	8	F
	NEAR FRANCONIA, NEW HAMPSHIRE. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(G) (WES)								
OCT 3	07 05 03.(0)	44.97 N(0.01)	74.75 W(0.01)	0.2	ML=1.4(0.0)	6	10	2	F
LDGO	07 05 03.	44.99 N	74.74 W	0.2	MN=2.2	8	8		
	UPPER ST. LAWRENCE RIVER, NEAR CORNWALL, ONT.								
	DEPTH = 0. KM(5.) (LDGO)								
	90 KM SE FROM OTT								
OCT 06									
WES	11 08 54.	45.62 N	69.09 W	0.6	MN=2.1	8	15	2	F
	NEAR MILLINOCKET, MAINE. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(G)								
OCT 20	23 42 07.(0)	44.71 N(0.02)	73.84 W(0.04)	1.3	ML=1.8(0.2)	14	15	4	0
LDGO	23 42 08.	44.69 N	73.89 W	0.1	MN=2.8	10	10		
	NORTHERN NEW YORK STATE, WEST OF LAKE CHAMPLAIN								
	DEPTH = 1. KM(3.) (LDGO)								
	90 KM S FROM MNT								
OCT 29									
LDGO	16 57 43.	44.36 N	75.98 W	0.5	MN=2.3	5	8		F
	ALEXANDRIA BAY, N.Y. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(7.) (LDGO)								
DEC 01									
LDGO	18 51 44.	44.89 N(1KM)	74.82 W(1KM)	0.2	MN=2.1	09	14		0
	NORTHEAST OF POTSDAM, N.Y. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(1.) (LDGO)								
DEC 03									
LDGO	08 13 19.	44.77 N(2KM)	75.44 W(2KM)	0.3	MN=1.6	5	9		F
	NEAR OGDENSBURG, N.Y. NOT RECORDED IN CANADA.								
	DEPTH = 4. KM(78.) (LDGO)								
DEC 07									
LDGO	23 59 30.	44.43 N(2KM)	75.07 W(2KM)	0.1	MN=1.5	3	6		F
	SOUTH OF POTSDAM, N.Y. NOT RECORDED IN CANADA.								
	DEPTH = 2. KM(5.) (LDGO)								
DEC 14									
WES	12 23 35.	47.10 N	69.13 W	0.1		3	4		0
	NEAR DICKEY, MAINE. HEARD. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(G) (WES)								
DEC 16									
WES	17 26 12.	47.12 N	69.17 W	0.1		4	5		0
	NEAR DICKEY, MAINE. NOT RECORDED IN CANADA.								
	DEPTH = 0. KM(G) (WES)								
DEC 16									
LDGO	20 20 05.	44.39 N	73.79 W	0.5	MN=1.8	6	6		0
	NEAR WILMINGTON, N.Y. NOT RECORDED IN CANADA.								
	DEPTH = 4. KM (LDGO)								
DEC 29									
LDGO	00 02 55.	44.42 N(2KM)	73.14 W(2KM)	0.2	MN=1.7	5	10		F
	NEAR BURLINGTON, VERMONT. NOT RECORDED IN CANADA.								
	DEPTH = 1. KM(4.) (LDGO)								

TABLE 2

EARTHQUAKES OF NORTHERN CANADA AND ADJACENT AREAS
1976

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

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
		2A. CANADIAN EPICENTRES							
JAN 8	15 46 24.(1)	80.39 N(0.03)	113.97 W(0.20)	0.4	ML=3.6(0.2)	3	5	3	O
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T.								
	480 KM N FROM MBC								
JAN 9	00 25 07.(1)	75.71 N(0.08)	118.79 W(0.42)	1.2	ML=2.6( )	3	6	1	O
	SOUTH OF PRINCE PATRICK ISLAND, N.W.T.								
	60 KM S FROM MBC								
JAN 16	12 37 18.(1)	65.39 N(0.04)	134.25 W(0.21)	1.7	ML=4.2(0.2)	4	10	3	F
	EAST-CENTRAL YUKON TERRITORY, SOUTH OF THE PEEL RIVER								
	330 KM S FROM INK								
JAN 23	03 57 31.(1)	72.78 N(0.06)	121.47 W(0.21)	0.8	ML=2.7(0.4)	3	5	3	O
	BANKS ISLAND, N.W.T.								
	390 KM S FROM MBC								
JAN 27	18 17 60.(1)	71.08 N(0.05)	74.39 W(0.18)	1.1	MN=2.5(0.2)	4	6	3	O
	NORTHEASTERN BAFFIN ISLAND, SOUTH OF BUCHAN GULF								
	340 KM NE FROM IGL								
JAN 28	18 12 32.(1)	79.02 N(0.06)	94.11 W(0.43)	2.5	MN=3.6(0.1)	6	11	4	F
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T.								
	680 KM SW FROM ALE								
FEB 1	08 38 15.(1)	77.89 N(0.05)	108.76 W(0.16)	0.9	ML=3.8(0.4)	4	7	3	F
	WEST OF LOUGHEED ISLAND, N.W.T.								
	320 KM NE FROM MBC								
FEB 3	07 15 03.(3)	70.90 N(0.09)	77.11 W(0.31)	2.0	MN=2.5(0.3)	4	5	3	O
	NORTHWESTERN BAFFIN ISLAND								
	250 KM NE FROM IGL								
FEB 3	19 34 52.(3)	71.04 N(0.10)	72.79 W(0.35)	2.2	MN=2.8(0.4)	4	7	3	F
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	390 KM NE FROM IGL								
FEB 4	01 44 02.(0)	65.21 N(0.02)	133.46 W(0.08)	0.7	ML=3.1(0.2)	4	8	2	F
	EAST-CENTRAL YUKON ON BORDER WITH N.W.T.								
	340 KM S FROM INK								
FEB 12	03 29 16.(1)	82.14 N(0.12)	76.38 W(0.62)	2.2	ML=4.2( )	4	8	1	O
	ELLESMERE ISLAND, N.W.T.								
	210 KM W FROM ALE								
FEB 17	06 43 48.(1)	64.66 N(0.02)	138.95 W(0.12)	0.4	ML=3.6(0.1)	3	5	2	O
	WEST-CENTRAL YUKON, NEAR DAWSON								
	470 KM SW FROM INK								
FEB 19	04 55 42.(0)	66.41 N(0.04)	135.28 W(0.08)	1.9	MN=5.0(0.2)	24	28	4	F
NEIS	04 55 42.(0)	66.37 N(2KM)	135.70 W(2KM)	0.7	MB=5.0	69	69	20	
	NORTHEASTERN YUKON, NORTH OF THE PEEL RIVER								
	SEE FIGURE 7A FOR FOCAL MECHANISM SOLUTION								
	MAG. 4.4 MS FROM 1 STATION (NEIS)								
	220 KM S FROM INK								
FEB 24	02 37 41.(2)	60.10 N(0.16)	136.96 W(0.18)	0.7		3	4	0	O
	NORTHERN BRITISH COLUMBIA-YUKON BORDER								
	MAGNITUDE UNCERTAIN, PROBABLY ABOUT ML 3								
	120 KM SW FROM WHC								
FEB 25	18 15 28.(2)	65.46 N(0.04)	139.99 W(0.26)	1.4	ML=3.8(0.1)	4	8	3	F
NEIS	18 15 28.(1)	65.72 N(6KM)	140.21 W(6KM)	1.1		13	13	0	
	WEST-CENTRAL YUKON, NORTH OF DAWSON								
	POSSIBLE FORESHOCK AND AFTERSHOCK AT INK								
	MAG. 3.6 ML(PMR)								
	430 KM SW FROM INK								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
FEB 29	16 18 42.(1)	60.33 N(0.03)	76.59 W(0.07)	2.8	MN=3.9(0.3)	19	36	19	F
	NORTHERN QUEBEC, NEAR LAC COUTURE								
	570 KM SW FROM FRB								
MAR 1	00 28 38.(1)	66.89 N(0.05)	135.74 W(0.19)	1.0	MN=3.0( )	3	7	1	0
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	180 KM SW FROM INK								
MAR 2	08 53 51.(1)	65.51 N(0.04)	134.87 W(0.25)	1.7	ML=3.3(0.2)	4	8	2	F
	EAST-CENTRAL YUKON TERRITORY, SOUTH OF THE PEEL RIVER								
	320 KM S FROM INK								
MAR 4	14 55 17.(1)	74.27 N(0.08)	93.08 W(0.31)	1.5	MN=2.9(0.1)	4	5	2	0
	BARROW STRAIT, N.W.T.								
	ONE AFTERSHOCK AT RES								
	70 KM SE FROM RES								
MAR 6	14 38 44.(0)	74.21 N(0.01)	93.46 W(0.07)	0.2	MN=2.8(0.1)	3	4	2	0
	BARROW STRAIT, N.W.T.								
	70 KM SE FROM RES								
MAR 8	01 10 58.(1)	71.17 N(0.05)	75.49 W(0.16)	1.9	MN=2.9(0.2)	8	12	6	F
	BAFFIN ISLAND, NEAR BUCHAN GULF, N.W.T.								
	310 KM NE FROM IGL								
MAR 8	09 04 40.(1)	61.86 N(0.03)	116.22 W(0.07)	2.2	MN=3.5(0.1)	10	20	6	F
	WEST OF GREAT SLAVE LAKE, N.W.T.								
	110 KM SW FROM YKC								
MAR 14	14 04 10.(1)	79.92 N(0.05)	107.77 W(0.38)	1.5	ML=4.4(0.5)	8	13	6	F
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T.								
	660 KM NW FROM RES								
MAR 15	08 50 30.(0)	81.28 N(0.04)	84.68 W(0.22)	0.9	ML=3.8(0.2)	4	8	3	F
	ELLESMERE ISLAND, NEAR NANSEN SOUND, N.W.T.								
	ONE FORESHOCK, TWO AFTERSHOCKS AT ALE								
	370 KM SW FROM ALE								
MAR 17	23 59 58.(5)	67.05 N(0.36)	131.76 W(0.93)	4.4	ML=4.3(0.1)	9	13	4	0
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	ONE FORESHOCK, ONE AFTERSHOCK AT INK								
	160 KM SE FROM INK								
MAR 20	00 47 29.(1)	73.15 N(0.04)	69.98 W(0.14)	1.7	ML=4.7(0.2)	11	19	8	F
NEIS	00 47 27.(0)	73.19 N(1KM)	69.90 W(1KM)	0.3	MB=4.5	6	6	3	
	NORTHERN BAFFIN BAY								
	600 KM NE FROM IGL								
MAR 24	09 09 24.(1)	81.37 N(0.07)	85.33 W(0.34)	1.0	ML=3.7(0.1)	3	7	2	F
	CENTRAL ELLESMERE ISLAND, N.W.T.								
	380 KM SW FROM ALE								
APR 5	11 45 38.(1)	64.37 N(0.03)	134.76 W(0.12)	0.7	ML=2.6(0.3)	3	5	2	0
	CENTRAL YUKON, NEAR KENO HILL								
	440 KM S FROM INK								
APR 7	01 55 44.(1)	67.09 N(0.03)	135.88 W(0.12)	0.5	ML=2.9( )	4	6	1	0
	YUKON-NORTHWEST TERRITORIES BORDER, SOUTHWEST OF FORT MCPHERSON, N.W.T.								
	170 KM SW FROM INK								
APR 8	18 59 40.(1)	64.93 N(0.03)	134.03 W(0.14)	1.7	ML=4.2(0.0)	9	16	2	F
	EAST-CENTRAL YUKON								
	380 KM S FROM INK								
APR 9	20 15 15.(0)	80.15 N(0.02)	114.02 W(0.13)	0.3	ML=3.0(0.3)	3	6	3	F
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T.								
	450 KM N FROM MBC								
APR 11	08 49 41.(1)	67.14 N(0.05)	92.95 W(0.14)	2.0	MN=2.3(0.2)	6	7	4	0
	NORTHWEST OF WAGER BAY, N.W.T.								
	350 KM NE FROM BLC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
APR 14	02 09 49.(1)	79.90 N(0.06)	94.36 W(0.33)	0.9	ML=2.8(0.3)	3	5	3	0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T.								
	580 KM N FROM RES								
APR 14	17 16 12.(0)	64.33 N(0.02)	89.93 W(0.05)	1.6	MN=4.3(0.2)	14	29	13	F
	SOUTH OF WAGER BAY, N.W.T.								
	290 KM E FROM BLC								
APR 20	14 27 21.(0)	60.28 N(0.03)	140.58 W(0.04)	1.4	MN=4.5( )	27	31	1	F
NEIS	14 27 21.(0)	60.41 N(2KM)	140.65 W(2KM)	1.0	MB=4.8	55	55	12	
	SOUTHERN YUKON-ALASKA BORDER								
	MAG. 4.6 ML(PNR), 4.6 MS(NEIS)								
	MAG(EPB) 4.2 MS(.2) FROM 8 STATIONS								
	310 KM W FROM WHC								
APR 20	14 38 40.(1)	60.17 N(0.07)	140.42 W(0.06)	1.2	ML=3.7( )	9	12	1	F
NEIS	14 38 39.(1)	60.19 N(8KM)	140.68 W(8KM)	1.4		9	9	0	
	SOUTHERN YUKON-ALASKA BORDER								
	300 KM W FROM WHC								
APR 21	17 29 17.(2)	68.40 N(0.06)	68.24 W(0.25)	1.9	MN=3.4(0.3)	4	9	4	F
	BAFFIN ISLAND, NEAR HOME BAY, N.W.T.								
	520 KM N FROM FRB								
APR 24	12 57 04.(1)	64.27 N(0.06)	87.58 W(0.17)	2.1	MN=3.0(0.2)	4	8	5	F
	SOUTH OF WAGER BAY, N.W.T.								
	410 KM E FROM BLC								
APR 24	14 52 25.(2)	64.24 N(0.07)	87.41 W(0.21)	1.1	MN=2.8(0.2)	3	4	5	0
	SOUTH OF WAGER BAY, N.W.T.								
	420 KM E FROM BLC								
APR 24	16 46 48.(2)	60.75 N(0.12)	140.67 W(0.19)	1.7	ML=3.5( )	3	8	1	F
	SOUTHERN YUKON-ALASKA BORDER								
	300 KM W FROM WHC								
APR 30	00 02 54.(1)	67.01 N(0.04)	135.82 W(0.16)	1.7	ML=3.6( )	6	14	1	F
	YUKON-NORTHWEST TERRITORIES BORDER								
	SOUTHWEST OF FORT MCPHERSON, N.W.T.								
	TWO AFTERSHOCKS AT INK								
	170 KM SW FROM INK								
MAY 2	16 16 58.(1)	62.46 N(0.07)	125.39 W(0.08)	1.6	MN=3.3(0.8)	4	8	2	F
	SOUTHWESTERN NORTHWEST TERRITORIES, NEAR WRIGLEY								
	560 KM W FROM YKC								
MAY 5	00 23 11.(1)	66.93 N(0.05)	135.48 W(0.13)	2.5	MN=3.4(0.2)	9	17	4	F
NEIS	00 23 09.(1)	66.99 N(11KM)	135.51 W(5KM)	1.7		10	10		
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	SWARM ACTIVITY, THREE LOCATED EVENTS AND FIVE UNLOCATED EVENTS								
	AT INK THIS AND FOLLOWING DAY								
	170 KM SW FROM INK								
MAY 5	00 32 28.(1)	67.07 N(0.05)	135.73 W(0.24)	1.9	MN=3.1( )	5	10	1	F
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	170 KM SW FROM INK								
MAY 5	02 22 49.(1)	67.04 N(0.04)	135.27 W(0.24)	1.8	MN=3.1(0.2)	6	11	5	F
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	160 KM SW FROM INK								
MAY 6	11 20 37.(1)	79.90 N(0.05)	94.61 W(0.31)	0.8	ML=3.0(0.1)	3	5	2	0
	WESTERN SIDE OF AXEL HEIBERG ISLAND, N.W.T.								
	580 KM N FROM RES								
MAY 8	01 41 29.(1)	73.15 N(0.05)	72.54 W(0.25)	2.0	MN=3.5(0.3)	5	10	2	F
	BAFFIN BAY, OFF CAPE MACCULLOCH, N.W.T.								
	540 KM NE FROM IGL								
MAY 9	13 52 09.(0)	74.34 N(0.00)	93.63 W(0.01)	0.0	MN=2.9(0.1)	3	4	2	0
	BARROW STRAIT, N.W.T.								
	50 KM SE FROM RES								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
MAY 9	14 18 28.(0)	74.37 N(0.00)	93.66 W(0.00)	0.0	MN=2.5( )	3	4	1	0
	BARROW STRAIT, N.W.T.								
	50 KM SE FROM RES								
MAY 10	06 16 52.(1)	80.60 N(0.04)	105.08 W(0.24)	0.6	ML=3.5(0.2)	3	6	3	F
	ARCTIC OCEAN, OFF ELLEF RINGNES ISLAND, N.W.T.								
	580 KM NE FROM MBC								
MAY 16	22 49 19.(1)	70.10 N(0.04)	72.89 W(0.12)	0.7	MN=2.6(0.1)	4	5	2	0
	CENTRAL BAFFIN ISLAND								
	350 KM E FROM IGL								
MAY 18	23 35 28.(5)	79.39 N(0.29)	118.18 W(0.85)	1.7	ML=3.0(0.4)	3	5	3	0
	ARCTIC OCEAN, OFF PRINCE PATRICK ISLAND								
	350 KM N FROM MBC								
MAY 21	05 34 47.(1)	68.62 N(0.04)	119.45 W(0.10)	2.5	MN=4.1(0.2)	12	24	8	F
NEIS	05 34 46.(0)	68.64 N(5KM)	119.40 W(4KM)	1.2	MB=3.8	10	10	2	
	NEAR BLUENOSE LAKE, WEST OF COPPERMINE, N.W.T.								
	580 KM E FROM INK								
MAY 21	14 33 47.(2)	71.86 N(0.07)	136.30 W(0.56)	1.7	ML=3.2(0.4)	4	6	3	0
	BEAUFORT SEA								
	410 KM N FROM INK								
MAY 25	00 15 24.(0)	74.30 N(0.01)	94.49 W(0.10)	0.3	MN=2.6( )	3	4	1	0
	BARROW STRAIT, N.W.T.								
	45 KM S FROM RES								
MAY 28	22 44 02.(2)	71.04 N(0.06)	72.88 W(0.25)	2.5	MN=3.5(0.2)	5	12	5	F
	BAFFIN ISLAND, SOUTH OF BUCHAN GULF								
	390 KM NE FROM IGL								
JUN 3	02 46 20.(1)	70.34 N(0.04)	129.53 W(0.11)	1.3	ML=2.8( )	4	8	1	F
	LIVERPOOL BAY, WEST OF CAPE BATHURST, N.W.T.								
	280 KM NE FROM INK								
JUN 10	16 59 09.(1)	65.22 N(0.03)	133.75 W(0.16)	1.3	ML=3.6(0.5)	4	9	2	F
	EAST-CENTRAL YUKON TERRITORY								
	340 KM S FROM INK								
JUN 12	10 54 05.(4)	67.80 N(0.13)	66.79 W(0.42)	1.6	MN=3.1(0.1)	3	5	3	0
	EASTERN BAFFIN ISLAND, NEAR HOME BAY								
	460 KM N FROM FRB								
JUN 23	16 02 34.(0)	66.94 N(0.03)	135.59 W(0.07)	1.2	MN=3.5( )	12	17	1	F
NEIS	16 02 34.(0)	67.10 N(5KM)	135.92 W(4KM)	0.6		9	9		
	NORTHEASTERN YUKON TERRITORY, NORTH OF THE PEEL RIVER								
	180 KM SW FROM INK								
JUN 26	05 45 36.(0)	78.66 N(0.03)	93.42 W(0.15)	0.6	MN=3.5( )	3	6	1	F
	SOUTHWESTERN AXEL HEIBERG ISLAND, N.W.T.								
	450 KM N FROM RES								
JUN 28	04 40 45.(0)	65.83 N(0.03)	90.78 W(0.09)	0.4	MN=2.4( )	3	4	1	0
	NEAR WAGER BAY, N.W.T.								
	300 KM NE FROM BLC								
JUN 28	11 38 49.(2)	71.89 N(0.08)	75.69 W(0.12)	0.5	MN=3.0(0.1)	3	4	2	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	360 KM NE FROM IGL								
JUN 30	06 29 54.(2)	72.13 N(0.06)	135.55 W(0.42)	1.9	ML=4.2(0.4)	5	9	4	F
	BEAUFORT SEA								
	UNUSUAL RECORD CHARACTER, POSSIBLY DUE TO SHALLOW FOCUS.								
	MAGNITUDE UNCERTAIN								
	440 KM N FROM INK								
JUL 1	05 09 03.(1)	71.10 N(0.04)	93.26 W(0.19)	1.9	MN=3.1(0.0)	4	8	2	F
	BOOTHIA PENINSULA, N.W.T.								
	400 KM S FROM RES								

DATE 1976	H-TIME (GMT) HR MN SEC.	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
JUL 2	11 37 10.(1)	75.19 N(0.06)	90.63 W(0.15)	0.7	MN=3.0(0.0)	3	5	2	0
	WESTERN END OF DEVON ISLAND, N.W.T.								
	140 KM E FROM RES								
JUL 6	01 25 07.(1)	64.20 N(0.03)	129.84 W(0.09)	0.9	ML=3.2(0.1)	4	7	2	F
	MACKENZIE MOUNTAINS ON BORDER OF YUKON TERRITORY								
	AND NORTHWEST TERRITORIES								
	470 KM NE FROM WHC								
JUL 10	03 41 40.(2)	66.90 N(0.05)	135.76 W(0.38)	1.9	ML=3.4( )	4	7	1	F
	NORTHEASTERN YUKON TERRITORY								
	180 KM SW FROM INK								
JUL 10	10 30 00.(1)	66.83 N(0.04)	135.38 W(0.20)	1.5	ML=3.2( )	4	7	1	F
	NORTHEASTERN YUKON TERRITORY								
	180 KM SW FROM INK								
JUL 17	07 19 28.(1)	72.80 N(0.07)	91.20 W(0.37)	1.3	MN=2.5(0.3)	3	4	2	0
	GULF OF BOOTHIA, N.W.T.								
	240 KM SE FROM RES								
JUL 24	08 24 32.(1)	66.92 N(0.03)	135.30 W(0.22)	1.2	ML=3.3( )	4	7	1	F
	NORTHEASTERN YUKON TERRITORY								
	FOUR SMALLER AFTERSHOCKS AT INK THIS AND FOLLOWING DAY								
	170 KM SW FROM INK								
JUL 28	07 50 58.(1)	77.24 N(0.08)	107.45 W(0.20)	0.8	MN=2.8( )	3	5	1	0
	PRINCE GUSTAF ADOLF SEA, N.W.T.								
	320 KM E FROM MBC								
AUG 6	11 14 16.(0)	63.03 N(0.03)	86.78 W(0.05)	2.2	MN=3.9(0.2)	12	32	9	F
	NORTHERN HUDSON BAY, OFF CAPE KENDALL,								
	SOUTHAMPTON ISLAND, N.W.T.								
	480 KM E FROM BLC								
AUG 8	19 55 27.(0)	64.40 N(0.02)	137.46 W(0.06)	0.9	ML=4.2(0.1)	10	16	2	F
NEIS	19 55 26.(1)	64.45 N(7KM)	137.33 W(5KM)	1.3		10	10	0	
	WESTERN YUKON, NEAR DAWSON								
	430 KM N FROM WHC								
AUG 14	02 19 37.(1)	80.84 N(0.03)	111.11 W(0.24)	0.5	ML=3.5(0.4)	3	6	3	0
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T.								
	540 KM NE FROM MBC								
AUG 16	13 36 54.(1)	64.77 N(0.05)	134.87 W(0.17)	2.0	ML=4.1(0.1)	4	10	2	F
NEIS	13 36 53.(0)	64.86 N(5KM)	134.39 W(4KM)	1.1		9	9		
	EAST-CENTRAL YUKON TERRITORY								
	450 KM N FROM WHC								
AUG 16	19 36 36.(1)	62.34 N(0.11)	125.66 W(0.12)	2.0	ML=3.5(0.0)	3	7	2	F
	MACKENZIE MOUNTAINS, N.W.T.								
	SOUTHWEST OF WRIGLEY								
	530 KM E FROM WHC								
AUG 17	04 30 02.(2)	69.02 N(0.07)	70.27 W(0.21)	2.6	MN=3.8(0.1)	7	13	7	F
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	460 KM E FROM IGL								
AUG 18	04 29 48.(1)	65.21 N(0.04)	133.77 W(0.21)	1.5	ML=2.8(0.3)	3	6	2	F
	EAST-CENTRAL YUKON TERRITORY								
	340 KM S FROM INK								
AUG 18	08 32 24.(3)	68.85 N(0.12)	70.40 W(0.33)	0.8	MN=2.8(0.2)	3	4	3	0
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	460 KM E FROM IGL								
AUG 21	15 00 25.(1)	65.26 N(0.03)	133.52 W(0.19)	1.8	ML=3.4(0.1)	4	11	2	F
	EAST-CENTRAL YUKON TERRITORY								
	340 KM S FROM INK								
AUG 27	05 54 07.(1)	76.62 N(0.04)	106.04 W(0.18)	2.3	MN=3.6(0.2)	10	18	6	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	350 KM E FROM MBC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
AUG 27	06 28 47.(1)	76.63 N(0.05)	106.68 W(0.16)	1.8	MN=3.3(0.3)	7	13	6	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	330 KM E FROM MBC								
AUG 27	08 18 23.(1)	76.65 N(0.05)	106.11 W(0.17)	2.0	MN=3.8(0.2)	9	14	7	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	350 KM E FROM MBC								
AUG 29	01 59 20.(0)	81.84 N(0.02)	111.21 W(0.17)	0.3	ML=3.3(0.1)	3	5	3	0
	ARCTIC OCEAN, OFF BORDEN ISLAND, N.W.T.								
	650 KM N FROM MBC								
AUG 29	19 15 09.(1)	71.20 N(0.04)	134.63 W(0.30)	1.1	ML=3.6(0.4)	4	7	4	F
	BEAUFORT SEA								
	330 KM N FROM INK								
SEP 1	07 30 22.(1)	77.17 N(0.04)	105.36 W(0.16)	1.4	MN=3.3( )	7	13	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	EPICENTRE APPEARS TO BE NORTHEAST OF PREVIOUS ACTIVITY								
	370 KM E FROM MBC								
SEP 1	21 13 01.(1)	74.72 N(0.04)	95.93 W(0.13)	1.1	MN=2.2( )	4	7	1	F
	BARROW STRAIT, N.W.T.								
	30 KM W FROM RES								
SEP 5	05 15 11.(1)	77.14 N(0.09)	105.61 W(0.38)	2.5	ML=3.4(0.3)	4	8	3	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	370 KM E FROM MBC								
SEP 6	11 24 57.(1)	66.78 N(0.03)	135.92 W(0.18)	1.3	ML=3.2( )	4	8	1	F
	NORTHEASTERN YUKON TERRITORY								
	200 KM SW FROM INK								
SEP 7	12 00 26.(1)	66.01 N(0.05)	134.29 W(0.89)	1.2	ML=2.8(0.2)	3	7	2	0
	NORTHEASTERN YUKON TERRITORY								
	260 KM S FROM INK								
SEP 16	10 14 34.(0)	76.64 N(0.03)	106.55 W(0.15)	1.5	MN=4.6(0.1)	13	20	9	F
NEIS	10 14 39.(1)	76.14 N(7KM)	108.38 W(5KM)	0.6	MB=4.6	12	12	2	
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	340 KM E FROM MBC								
SEP 16	10 27 28.(1)	76.62 N(0.05)	106.32 W(0.21)	1.6	MN=3.7(0.2)	6	10	4	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T.								
	340 KM E FROM MBC								
SEP 26	07 51 28.(0)	77.62 N(0.02)	91.07 W(0.09)	0.4	ML=2.9(0.3)	3	6	3	F
	NEAR GRAHAM ISLAND, N.W.T.								
	340 KM N FROM RES								
OCT 11	20 43 02.(2)	68.62 N(0.06)	67.82 W(0.25)	2.7	MN=3.8(0.3)	6	13	8	F
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	540 KM N FROM FRB								
OCT 12	03 28 09.(5)	68.80 N(0.15)	67.71 W(0.63)	2.8	MN=2.9(0.3)	4	5	4	0
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	570 KM N FROM FRB								
OCT 13	20 20 09.(1)	74.98 N(0.09)	98.13 W(0.24)	1.9	MN=2.7(0.4)	4	7	2	F
	BARROW STRAIT, SOUTH OF BATHURST ISLAND, N.W.T.								
	100 KM W FROM RES								
OCT 14	21 12 10.(4)	68.62 N(0.11)	68.09 W(0.45)	2.0	MN=3.1(0.4)	4	5	4	0
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	540 KM N FROM FRB								
OCT 18	08 02 41.(0)	62.92 N(0.01)	125.37 W(0.01)	0.1	MN=2.7( )	3	4	1	0
	MACKENZIE MOUNTAINS, SOUTHWEST OF WRIGLEY, N.W.T.								
	560 KM W FROM YKC								
OCT 20	10 09 35.(3)	71.71 N(0.06)	76.68 W(0.46)	1.6	MN=2.7(0.3)	3	6	2	F
	BAFFIN ISLAND, NEAR BUCHAN GULF								
	320 KM NE FROM IGL								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
OCT 21	14 27 39.(1)	66.13 N(0.03)	135.98 W(0.25)	1.3	ML=3.0( )	4	7	1	F
	NORTHEASTERN YUKON TERRITORY								
	260 KM SW FROM INK								
OCT 21	17 50 56.(1)	68.06 N(0.06)	109.93 W(0.15)	2.0	MN=2.9(0.1)	4	6	4	0
	NORTHWEST OF BATHURST INLET, N.W.T.								
	660 KM N FROM YKC								
OCT 22	17 28 47.(5)	71.67 N(0.16)	78.65 W(2.18)	2.3	MN=2.6(0.4)	3	4	2	0
	BAFFIN ISLAND, NEAR BUCHAN GULF								
	280 KM NE FROM IGL								
OCT 26	07 33 33.(2)	68.64 N(0.07)	67.80 W(0.31)	2.1	MN=3.2(0.3)	4	8	5	F
	EAST-CENTRAL BAFFIN ISLAND, NEAR HOME BAY								
	550 KM N FROM FRB								
OCT 27	07 57 13.(1)	71.61 N(0.04)	71.36 W(0.17)	2.0	MN=3.6(0.2)	9	15	8	F
	BAFFIN ISLAND, NEAR CAPE ADAIR								
	460 KM NE FROM IGL								
OCT 31	15 45 28.(1)	64.73 N(0.04)	131.34 W(0.32)	1.3	ML=3.0(0.0)	3	7	2	F
	WESTERN NORTHWEST TERRITORIES, ON BORDER WITH YUKON								
	410 KM S FROM INK								
OCT 31	19 40 33.(1)	65.26 N(0.07)	134.13 W(1.06)	1.3	ML=2.8(0.4)	3	5	2	0
	EAST-CENTRAL YUKON TERRITORY								
	340 KM S FROM INK								
NOV 3	10 29 20.(1)	65.16 N(0.06)	133.55 W(0.26)	2.1	ML=4.2( )	5	9	1	0
	EAST-CENTRAL YUKON TERRITORY								
	INK NOT OPERATING								
	350 KM S FROM INK								
NOV 3	23 35 17.(1)	77.57 N(0.09)	115.54 W(0.17)	0.9	ML=3.5( )	4	7	1	F
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T.								
	180 KM NE FROM MBC								
NOV 12	06 40 41.(1)	71.54 N(0.03)	135.86 W(0.13)	1.7	ML=4.9(0.4)	16	25	10	F
NEIS	06 40 39.(0)	71.79 N(5KM)	137.51 W(4KM)	1.0	MB=4.9	19	19	6	
	BEAUFORT SEA								
	370 KM N FROM INK								
NOV 12	14 47 19.(1)	72.30 N(0.04)	70.43 W(0.15)	2.0	MN=5.6(0.2)	12	19	12	F
NEIS	14 47 25.(0)	72.36 N(2KM)	70.21 W(1KM)	0.8	MB=5.4	125	125	32	
	BAFFIN BAY, OFF CAPE ADAIR, BAFFIN ISLAND								
	FELT MILDLY IN CLYDE. NOT FELT IN POND INLET, N.W.T.								
	SEE FIGURE 78 FOR FOCAL MECHANISM SOLUTION.								
	MAG. 5.8 MS(PAS), 5.5 MS(BRK)								
	MAG. 5.1 MS FROM 4 STATIONS (NEIS)								
	MAG(EPB) 5.1 MS(.2) FROM 18 STATIONS								
	530 KM NE FROM IGL								
NOV 15	18 51 01.(2)	77.40 N(0.13)	115.40 W(0.23)	1.3	ML=3.4(0.5)	4	8	3	F
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T.								
	160 KM NE FROM MBC								
NOV 16	22 12 03.(4)	72.16 N(0.13)	69.47 W(0.77)	1.9	MN=2.8(0.1)	3	5	3	0
	BAFFIN BAY, OFF CAPE ADAIR, BAFFIN ISLAND								
	550 KM NE FROM IGL								
NOV 17	01 34 42.(0)	65.12 N(0.02)	132.49 W(0.19)	0.5	ML=3.1(0.2)	3	6	2	F
	EAST-CENTRAL YUKON TERRITORY								
	360 KM S FROM INK								
NOV 20	08 14 12.(1)	71.75 N(0.04)	74.40 W(0.16)	0.8	MN=2.1(0.1)	4	5	2	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	380 KM NE FROM IGL								
NOV 20	01 29 03.(1)	77.31 N(0.07)	115.03 W(0.21)	1.5	ML=3.4(0.6)	5	10	3	F
	OFF NORTHEASTERN PRINCE PATRICK ISLAND, N.W.T.								
	160 KM NE FROM MBC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
NOV 21	11 56 32.(2)	72.06 N(0.06)	76.45 W(0.28)	1.7	MN=2.6(0.4)	4	6	3	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	360 KM NE FROM IGL								
NOV 21	13 14 45.(1)	71.74 N(0.04)	74.46 W(0.15)	0.5	MN=2.5( )	3	4	1	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	380 KM NE FROM IGL								
NOV 22	02 15 51.(1)	77.94 N(0.06)	101.14 W(0.27)	1.5	ML=3.1(0.3)	3	7	3	F
	OFF NORTHERN DEVON ISLAND, NEAR THE GRINNELL PENINSULA, N.W.T.								
	400 KM NW FROM RES								
NOV 22	07 09 36.(1)	72.01 N(0.07)	92.59 W(0.34)	2.3	MN=3.2(0.2)	3	7	3	0
	OFF SOUTHERN ELLEF RINGNES ISLAND, N.W.T.								
	310 KM S FROM RES								
NOV 23	01 07 48.(1)	65.65 N(0.03)	134.05 W(0.15)	1.7	ML=3.7(0.1)	6	13	2	F
	EAST-CENTRAL YUKON TERRITORY								
	POSSIBLE FORESHOCK AT INK								
	300 KM S FROM INK								
NOV 26	10 12 58.(2)	71.49 N(0.05)	74.39 W(0.19)	0.8	MN=2.5(0.2)	4	4	3	0
	NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF								
	360 KM NE FROM IGL								
NOV 26	14 17 35.(1)	68.15 N(0.05)	90.87 W(0.18)	2.1	MN=2.7(0.2)	5	7	3	0
	NEAR PELLY BAY, N.W.T.								
	390 KM SW FROM IGL								
NOV 28	01 23 41.(0)	66.38 N(0.03)	135.24 W(0.08)	1.6	ML=4.2( )	15	23	1	F
NEIS	01 23 40.(1)	66.28 N(7KM)	135.53 W(4KM)	1.4		12	12		
	NORTHEASTERN YUKON TERRITORY								
	230 KM S FROM INK								
NOV 29	05 52 49.(0)	62.37 N(0.01)	125.68 W(0.01)	0.1	MN=2.5( )	3	4	1	0
	SOUTHERN MACKENZIE MOUNTAINS, N.W.T.								
	530 KM E FROM WHC								
NOV 29	10 19 52.(1)	62.36 N(0.05)	125.71 W(0.07)	1.0	MN=2.7( )	3	6	1	F
	SOUTHERN MACKENZIE MOUNTAINS, N.W.T.								
	530 KM E FROM WHC								
NOV 30	06 09 50.(0)	79.91 N(0.04)	94.87 W(0.22)	0.7	ML=3.0(0.2)	3	6	3	F
	WESTERN AXEL HEIBERG ISLAND, N.W.T.								
	580 KM N FROM RES								
NOV 30	20 11 46.(0)	67.91 N(0.02)	95.56 W(0.07)	0.5	MN=2.5(0.2)	4	4	4	0
	NEAR CHANTRY INLET, N.W.T.								
	400 KM N FROM BLC								
DEC 1	13 27 14.(1)	65.47 N(0.06)	84.65 W(0.11)	2.2	MN=2.8(0.2)	4	9	3	F
	NORTHERN SOUTHAMPTON ISLAND, N.W.T.								
	450 KM S FROM IGL								
DEC 5	18 39 59.(1)	64.94 N(0.03)	134.16 W(0.13)	1.1	ML=3.7(0.1)	4	8	2	F
	NORTHEASTERN YUKON TERRITORY								
	380 KM S FROM INK								
DEC 6	06 01 33.(1)	74.07 N(0.07)	69.53 W(0.36)	1.2	ML=3.4(0.2)	3	6	3	F
	BAFFIN BAY								
	680 KM NE FROM IGL								
DEC 6	06 09 52.(0)	65.22 N(0.03)	87.88 W(0.06)	2.3	MN=4.0(0.3)	14	32	11	F
	NEAR WAGER BAY, N.W.T.								
	400 KM E FROM BLC								
DEC 19	14 19 39.(0)	66.38 N(0.02)	88.35 W(0.05)	0.3	MN=2.4(0.2)	3	5	3	0
	NEAR WAGER BAY, N.W.T.								
	420 KM NE FROM BLC								
DEC 25	01 12 42.(3)	71.70 N(0.09)	98.28 W(0.61)	2.1	MN=1.9(0.6)	3	4	2	0
	WEST OF BOOTHIA PENINSULA, N.W.T.								
	350 KM S FROM RES								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
DEC 28	02 32 01.(1)	60.44 N(0.04)	110.56 W(0.08)	1.3	MN=2.7(0.2)	5	6	4	0
	SOUTHEAST OF GREAT SLAVE LAKE, N.W.T.								
	310 KM SE FROM YKC								
DEC 28	02 53 31.(1)	74.29 N(0.04)	82.72 W(0.14)	0.8	MN=2.4(0.2)	4	8	3	F
	LANCASTER SOUND, N.W.T.								
	370 KM E FROM RES								

28. ALASKAN EPICENTRES

MAR 5	03 18 20.(1)	71.21 N(0.03)	142.09 W(0.19)	0.8	MN=4.2( )	6	11	1	0
	BEAUFORT SEA, OFF MARTIN POINT, ALASKA								
	460 KM NW FROM INK								
MAR 17									
NEIS	23 37 04.(0)	66.22 N(4KM)	144.50 W(5KM)	0.9		8	8		0
	EAST-CENTRAL ALASKA								
APR 29	05 35 00.(2)	69.29 N(0.09)	143.08 W(0.35)	1.2	ML=2.7(0.1)	3	6	2	0
	NORTHEASTERN ALASKA, NEAR MARTIN POINT								
	400 KM W FROM INK								
APR 29	20 29 24.(3)	66.25 N(0.08)	145.07 W(0.42)	1.5	ML=3.2( )	4	6	1	0
NEIS	20 29 28.(1)	66.41 N(6KM)	144.60 W(9KM)	1.4		8	8		
	EAST-CENTRAL ALASKA								
	550 KM SW FROM INK								
MAY 25	10 38 55.(3)	72.17 N(0.14)	159.32 W(0.50)	2.2	ML=4.5(0.3)	5	8	4	F
	OFF POINT BARROW, ALASKA								
MAY 27	12 06 05.(4)	72.05 N(0.16)	159.25 W(0.81)	2.1	ML=4.1(0.4)	3	6	3	F
	OFF POINT BARROW, ALASKA								
JUL 2	16 28 40.(0)	60.52 N(0.04)	141.24 W(0.05)	1.2	ML=4.0( )	11	15	1	F
NEIS	16 28 39.(2)	60.63 N(4KM)	140.97 W(4KM)	1.0	MB=4.7	17	17	2	
	ST. ELIAS MOUNTAINS ON BORDER OF ALASKA AND YUKON								
	340 KM W FROM WHC								
JUL 8	03 59 49.(1)	60.32 N(0.12)	140.89 W(0.10)	1.6	ML=3.8( )	5	9	1	F
NEIS	03 59 50.(0)	60.57 N(4KM)	140.92 W(4KM)	0.6	MB=4.1	12	12	2	
	ST. ELIAS MOUNTAINS ON BORDER OF ALASKA AND YUKON TERRITORY								
	FELT BY ENVIRONMENT CANADA FIELD CAMP IN THE ST. ELIAS								
	MOUNTAINS. THE TREMOR CAUSED AN AVALANCHE ON MT. LOGAN.								
	320 KM W FROM WHC								
NOV 3	20 37 01.(1)	60.46 N(0.10)	144.37 W(0.11)	1.7	ML=3.4( )	6	8	1	0
NEIS	20 37 01.(1)	60.55 N(4KM)	144.41 W(5KM)	0.7		8	8	0	
	SOUTHERN ALASKA								
	MAG. 3.1 ML(PMR)								
	510 KM W FROM WHC								
NOV 16	08 10 47.(3)	66.33 N(0.07)	144.28 W(0.49)	1.3	ML=3.3( )	3	5	1	0
	CENTRAL ALASKA								
	510 KM SW FROM INK								

2C. GREENLAND EPICENTRES

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
JAN 10	14 26 18.(2)	83.11 N(0.18)	24.05 W(1.12)	0.8	ML=4.0(0.1)	4	6	2	0
	OFF NORTHERN COAST OF GREENLAND								
	530 KM E FROM ALE								
MAR 3	19 18 57.(2)	78.06 N(0.15)	20.65 W(0.80)	2.0	MN=3.1(0.1)	3	7	2	F
	NORTHEASTERN COAST OF GREENLAND								
	900 KM SE FROM ALE								
APR 4	03 04 26.(2)	68.78 N(0.10)	54.93 W(0.27)	2.2	ML=4.0(0.1)	5	9	2	F
	DAVIS STRAIT, OFF SOUTHWESTERN COAST OF GREENLAND								
	830 KM NE FROM FRB								
APR 6	09 10 49.(3)	81.80 N(0.16)	8.46 W(2.08)	0.7	ML=3.2( )	3	4	1	0
	ARCTIC OCEAN, NORTHEAST OF GREENLAND								
	600 KM NE FROM DAG								
APR 6	23 24 24.(1)	80.05 N(0.05)	.26 E(0.63)	0.5	ML=3.9(0.3)	3	5	2	0
	GREENLAND SEA								
	560 KM NE FROM DAG								
APR 30	00 19 52.(3)	76.68 N(0.10)	.74 E(1.14)	0.7	ML=3.8( )	3	4	1	0
	GREENLAND SEA								
	510 KM E FROM DAG								
JUL 1									
NEIS	11 19 06.(0)	82.19 N(3KM)	7.37 W(3KM)	0.9	MB=5.0	61	61	29	F
	NORTH OF SVALBARD								
JUL 26	10 27 20.(2)	82.91 N(0.20)	22.41 W(1.25)	0.8	ML=3.7(0.2)	3	5	2	0
	560 KM E FROM ALE								
AUG 17	09 56 55.(2)	79.47 N(0.07)	2.88 E(0.99)	0.5	ML=3.9( )	3	4	1	0
	GREENLAND SEA								
SEP 17									
NEIS	07 23 03.(0)	84.22 N(3KM)	0.40 W(3KM)	1.1	MB=5.0	59	59	17	F
	NORTH OF SVALBARD								
	MAG(NEIS) 4.8 MS FROM 1 STATION								
	DEPTH = 10. KM(G) (NEIS)								
OCT 27	07 32 46.(3)	82.23 N(0.14)	3.60 W(1.56)	0.9	ML=3.8(0.2)	3	5	2	0
	ARCTIC OCEAN, NORTHEAST OF GREENLAND								
	840 KM SE FROM ALE								
OCT 27	21 53 47.(3)	80.10 N(0.11)	4.01 W(1.27)	1.0	ML=3.9(0.3)	3	5	2	0
NEIS	21 53 41.(1)	80.01 N(10KM)	2.16 W(6KM)	0.9	MB=4.9	6	6	1	
	OFF NORTHEASTERN GREENLAND								
	DEPTH = 10. KM(G) (NEIS)								
	980 KM SE FROM ALE								
NOV 2	08 17 13.(2)	83.15 N(0.17)	28.72 W(1.05)	1.4	ML=3.9(0.4)	4	7	2	0
	NEAR NORTHERN COAST OF GREENLAND								
	470 KM E FROM ALE								
NOV 2	13 30 02.(1)	69.77 N(0.06)	53.70 W(0.20)	2.2	ML=4.4(0.3)	8	13	5	F
	WESTERN COAST OF GREENLAND								
	930 KM NE FROM FRB								
DEC 13	20 47 13.(3)	79.80 N(0.10)	.43 E(1.29)	1.8	ML=4.5(0.2)	6	8	2	0
	GREENLAND SEA								

TABLE 3

EARTHQUAKES OF WESTERN CANADA AND ADJACENT AREAS
1976

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

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
		3A. CANADIAN EPICENTRES							
JAN 1	03 03 53.(1)	50.18 N(0.06)	130.24 W(0.08)	2.2		15	25	5	F
NEIS	03 03 55.(0)	50.26 N(3KM)	129.72 W(5KM)	1.1	MB=4.6	29	29	6	
	WEST OF VANCOUVER ISLAND FIRST OF 10 LOCATED EVENTS IN THIS AREA THIS DAY MORE THAN 30 SMALLER EVENTS ARE VISIBLE AT PHC MAG(EPB) 3.7 ML(.2) FROM 5 STATIONS 210 KM W FROM PHC								
JAN 1	03 07 23.(3)	50.06 N(0.15)	130.27 W(0.21)	2.6	ML=3.1(0.2)	5	10	4	F
	WEST OF VANCOUVER ISLAND 210 KM W FROM PHC								
JAN 1	03 27 24.(3)	50.17 N(0.18)	130.32 W(0.26)	2.7	ML=2.5( )	5	8	1	F
	WEST OF VANCOUVER ISLAND 210 KM W FROM PHC								
JAN 1	03 34 53.(3)	50.13 N(0.15)	130.33 W(0.22)	2.4	ML=2.9(0.5)	5	9	3	F
	WEST OF VANCOUVER ISLAND 220 KM W FROM PHC								
JAN 1	04 11 43.(1)	50.19 N(0.06)	130.18 W(0.11)	2.2		14	22	4	F
NEIS	04 11 42.(1)	50.27 N(2KM)	129.82 W(3KM)	0.9	MB=4.9	47	47	29	
	WEST OF VANCOUVER ISLAND DEPTH = 19. KM(8) (NEIS) MAG(EPB) 4.3 ML(.0) FROM 4 STATIONS 200 KM W FROM PHC								
JAN 1	04 39 55.(4)	49.88 N(0.26)	130.27 W(0.20)	1.6	ML=2.9( )	3	5	1	O
	WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC								
JAN 1	06 07 24.(1)	50.23 N(0.09)	130.16 W(0.16)	2.2	ML=3.4(0.1)	8	11	2	F
NEIS	06 07 27.(1)	50.18 N(5KM)	129.56 W(11KM)	0.7	MB=4.3	7	7	2	
	WEST OF VANCOUVER ISLAND 200 KM W FROM PHC								
JAN 1	07 45 59.(3)	50.15 N(0.16)	130.31 W(0.24)	2.3	ML=2.7(0.6)	5	7	2	O
	WEST OF VANCOUVER ISLAND 210 KM W FROM PHC								
JAN 1	16 45 03.(3)	50.36 N(0.18)	130.17 W(0.27)	2.6	ML=3.0(0.0)	5	7	2	O
	WEST OF VANCOUVER ISLAND 200 KM W FROM PHC								
JAN 1	16 50 08.(5)	50.33 N(0.18)	130.21 W(0.40)	2.8	ML=3.0(0.2)	4	8	3	F
	WEST OF VANCOUVER ISLAND 200 KM W FROM PHC								
JAN 2	03 36 21.(1)	50.38 N(0.08)	130.02 W(0.12)	2.2		15	20	5	F
NEIS	03 36 20.(1)	50.39 N(2KM)	129.83 W(4KM)	0.8	MB=5.1	39	39	16	
	WEST OF VANCOUVER ISLAND SIX SMALLER EVENTS ARE VISIBLE AT PHC MAG(EPB) 4.4 ML(.3) FROM 5 STATIONS MAG. 4.2 MS FROM 1 STATION (NEIS) DEPTH = 22. KM(7) (NEIS) 190 KM W FROM PHC								
JAN 3	07 10 59.(1)	48.74 N(0.07)	124.54 W(0.08)	1.0	ML=2.3(0.2)	4	8	4	F
	SOUTHERN VANCOUVER ISLAND, NEAR CAYCUSE, B.C. 60 KM S FROM ALB								
JAN 4	14 04 35.(0)	49.27 N(0.03)	123.64 W(0.04)	0.7	ML=3.1(0.2)	3	6	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO WCTN NOT OPERATING 80 KM N FROM VIC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JAN 10	15 55 29.(6)	49.43 N(0.27)	125.21 W(0.42)	2.9	ML=2.2(0.4)	3	6	3	0
	CENTRAL VANCOUVER ISLAND, NEAR SPROAT LAKE, B.C.								
	MULTIPLE EVENT, LOCATION UNCERTAIN								
	35 KM NW FROM ALB								
JAN 18	08 38 11.(1)	48.52 N(0.04)	124.63 W(0.04)	1.2	ML=3.9(0.2)	7	16	3	F
	JUAN DE FUCA STRAIT, OFF PORT RENFREW, B.C.								
	FELT(V) AT PORT RENFREW. ALSO FELT MILDLY AT PORT ALBERNI, DUNCAN,								
	NANAIMO AND VICTORIA. SEE FIGURE 10.								
	80 KM S FROM ALB								
JAN 19	23 01 50.(0)	49.24 N(0.01)	123.63 W(0.01)	0.2	ML=1.6(0.3)	3	6	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	80 KM W FROM HYC								
JAN 23	23 45 46.(3)	49.35 N(0.12)	129.29 W(0.24)	1.3	ML=2.9(0.2)	4	6	3	0
	WEST OF VANCOUVER ISLAND								
	200 KM SW FROM PHC								
JAN 24	16 08 55.(0)	52.18 N(0.03)	115.22 W(0.04)	1.8	MN=3.1(0.2)	8	18	3	F
	WESTERN ALBERTA, SOUTHWEST OF ROCKY MOUNTAIN HOUSE								
	ONE AFTERSHOCK VISIBLE AT EDM ON JAN 25								
	170 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
JAN 26	19 36 51.(0)	52.20 N(0.04)	115.20 W(0.04)	1.6	MN=3.0(0.1)	7	15	4	F
	WESTERN ALBERTA, SOUTHWEST OF ROCKY MOUNTAIN HOUSE								
	SEVEN AFTERSHOCKS ARE VISIBLE AT EDM								
	170 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
JAN 30	03 50 05.(2)	51.56 N(0.09)	130.66 W(0.12)	1.4	ML=2.9(0.3)	3	5	3	0
	QUEEN CHARLOTTE SOUND								
	210 KM SE FROM QCC								
JAN 30	05 27 10.(2)	48.76 N(0.11)	129.17 W(0.16)	1.7	ML=3.1(0.3)	7	12	7	F
	WEST OF VANCOUVER ISLAND								
	250 KM SW FROM PHC								
JAN 30	15 06 58.(1)	52.14 N(0.04)	115.22 W(0.05)	0.8	ML=2.2(0.4)	4	5	3	0
	WESTERN ALBERTA, SOUTHWEST OF ROCKY MOUNTAIN HOUSE								
	170 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
JAN 31	18 34 50.(0)	49.24 N(0.01)	123.63 W(0.01)	0.3	ML=1.8(0.2)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
FEB 1	00 09 57.(0)	49.24 N(0.01)	123.64 W(0.01)	0.3	ML=2.2( )	4	8	1	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
FEB 3	11 54 46.(1)	51.31 N(0.03)	124.87 W(0.06)	1.4	ML=2.6(0.3)	6	11	4	F
	WESTERN BRITISH COLUMBIA, NEAR MT. WADDINGTON								
	190 KM E FROM PHC								
FEB 6	22 28 38.(1)	48.89 N(0.02)	124.80 W(0.04)	0.4	ML=1.4( )	4	8	1	F
	SOUTHERN VANCOUVER ISLAND								
	40 KM S FROM ALB								
FEB 7	00 57 48.(1)	49.01 N(0.06)	122.13 W(0.05)	1.3	ML=1.7(0.2)	4	8	2	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	45 KM SE FROM HYC								
FEB 8	04 43 12.(1)	51.73 N(0.03)	119.56 W(0.05)	1.5	ML=2.6(0.3)	7	13	6	F
	EASTERN BRITISH COLUMBIA, NEAR WABRON								
	80 KM SW FROM MCC								
FEB 8	23 03 46.(0)	52.08 N(0.02)	115.16 W(0.02)	0.2	ML=2.4(0.4)	3	4	3	0
	WESTERN ALBERTA, SOUTHWEST OF ROCKY MOUNTAIN HOUSE								
	POSSIBLE FORESHOCK AT EDM THIS DAY								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
FEB 18	00 17 08.(0)	49.24 N(0.01)	123.63 W(0.01)	0.3	ML=2.4(0.2)	4	8	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
FEB 19	15 52 33.(1)	49.18 N(0.02)	122.56 W(0.04)	0.3	ML=1.4(0.3)	4	7	3	F
	BRITISH COLUMBIA LOWER MAINLAND, NEAR WHONOCK								
	9 KM S FROM HYC								
	DEPTH = 23. KM(4.) (EPB)								
FEB 23	12 12 31.(1)	51.46 N(0.06)	130.76 W(0.10)	2.5	ML=4.1(0.4)	13	19	4	F
NEIS	12 12 35.(2)	51.60 N(5KM)	130.10 W(19KM)	0.7	MB=3.8	6	6	2	
	QUEEN CHARLOTTE SOUND								
	FIRST OF SEVEN LOCATED EVENTS THIS DAY. SIX SMALLER EVENTS ARE								
	RECORDED AT QCC AND PHC								
	220 KM SE FROM QCC								
FEB 23	12 32 57.(2)	51.44 N(0.08)	130.92 W(0.13)	1.6	ML=3.2(0.4)	3	6	3	0
	QUEEN CHARLOTTE SOUND								
	220 KM S FROM QCC								
FEB 23	13 26 22.(2)	51.44 N(0.10)	130.96 W(0.15)	2.2	ML=3.7(0.3)	6	9	4	F
	QUEEN CHARLOTTE SOUND								
	220 KM S FROM QCC								
FEB 23	14 58 59.(2)	51.60 N(0.09)	130.51 W(0.14)	3.1	ML=4.3(0.4)	13	17	6	0
NEIS	14 58 58.(3)	51.63 N(8KM)	130.86 W(26KM)	1.3	MB=3.9	6	6	2	
	QUEEN CHARLOTTE SOUND								
	210 KM SE FROM QCC								
FEB 23	15 14 17.(1)	51.50 N(0.10)	130.50 W(0.18)	2.6	ML=0.0( )	18	21	1	0
NEIS	15 14 16.(0)	51.47 N(3KM)	130.44 W(3KM)	1.2	MS=6.0	139	139	8	
	QUEEN CHARLOTTE SOUND								
	SEE FIGURE 7C FOR FOCAL MECHANISM SOLUTION								
	MAG. 5.6 MB FROM 45 STATIONS (NEIS), 5.6 MS(PAS)								
	MAG. 6.1 ML FROM 1 STATION (EPB)								
	DEPTH = 16. KM FROM DEPTH PHASES (NEIS))								
	220 KM SE FROM QCC								
FEB 23	16 12 23.(1)	51.47 N(0.05)	130.68 W(0.09)	2.5	ML=4.7(0.3)	15	26	5	F
NEIS	16 12 27.(0)	51.58 N(3KM)	130.07 W(5KM)	1.1	MB=4.6	26	26	7	
	QUEEN CHARLOTTE SOUND								
	220 KM SE FROM QCC								
FEB 23	18 12 35.(2)	51.43 N(0.08)	130.73 W(0.13)	3.2	ML=4.5(0.4)	12	18	5	0
	QUEEN CHARLOTTE SOUND								
	220 KM SE FROM QCC								
FEB 26	17 24 13.(0)	49.25 N(0.01)	123.63 W(0.01)	0.3	ML=1.8(0.2)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
FEB 26	21 28 23.(2)	51.00 N(0.10)	130.66 W(0.14)	1.5	ML=2.7(0.5)	3	5	3	0
	WEST OF VANCOUVER ISLAND								
	230 KM W FROM PHC								
FEB 27	10 39 31.(2)	51.07 N(0.12)	130.57 W(0.19)	2.6	ML=3.8(0.3)	6	8	5	0
	WEST OF VANCOUVER ISLAND								
	FIRST OF THREE LOCATED EVENTS THIS DAY. FIVE SMALLER EVENTS								
	ARE RECORDED AT PHC.								
	220 KM W FROM PHC								
FEB 27	11 18 12.(2)	51.00 N(0.07)	130.76 W(0.11)	1.4	ML=3.6(0.3)	5	7	4	0
	WEST OF VANCOUVER ISLAND								
	240 KM W FROM PHC								
FEB 27	13 08 18.(1)	50.87 N(0.03)	130.71 W(0.05)	0.5	ML=4.0(0.4)	3	5	4	0
	WEST OF VANCOUVER ISLAND								
	230 KM W FROM PHC								
FEB 28	00 40 05.(1)	50.96 N(0.06)	130.64 W(0.09)	1.4	ML=3.8(0.3)	6	9	5	F
	WEST OF VANCOUVER ISLAND								
	FIRST OF SIX LOCATED EVENTS THIS DAY. TWO SMALLER EVENTS ARE								
	VISIBLE AT PHC.								
	230 KM W FROM PHC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
FEB 28	00 42 43.(0)	51.04 N(0.02)	130.92 W(0.03)	0.2	ML=3.6(0.3)	3	4	3	0
	WEST OF VANCOUVER ISLAND								
	250 KM W FROM PHC								
FEB 28	01 07 17.(1)	51.00 N(0.05)	130.76 W(0.08)	0.9	ML=4.1(0.4)	6	7	4	0
	WEST OF VANCOUVER ISLAND								
	240 KM W FROM PHC								
FEB 28	01 46 51.(0)	50.96 N(0.03)	130.44 W(0.03)	0.2	ML=3.1(0.5)	3	4	2	0
	WEST OF VANCOUVER ISLAND								
	210 KM W FROM PHC								
FEB 28	01 48 29.(3)	51.06 N(0.14)	130.54 W(0.19)	1.5	ML=3.5(0.2)	3	4	3	0
	WEST OF VANCOUVER ISLAND								
	220 KM W FROM PHC								
FEB 28	02 11 08.(3)	50.87 N(0.13)	130.85 W(0.21)	2.3	ML=3.7(0.4)	4	6	5	0
	WEST OF VANCOUVER ISLAND								
	240 KM W FROM PHC								
MAR 1	05 09 18.(1)	49.90 N(0.12)	126.37 W(0.14)	1.4	ML=2.3( )	4	10	1	0
	WESTERN VANCOUVER ISLAND								
	120 KM SE FROM PHC								
MAR 1	06 00 59.(0)	49.24 N(0.01)	123.62 W(0.01)	0.2	ML=1.4( )	3	5	1	0
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	80 KM W FROM HYC								
MAR 6	01 57 29.(0)	49.26 N(0.02)	123.61 W(0.02)	0.7	ML=2.1(0.2)	5	9	2	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
MAR 7	08 21 46.(2)	50.66 N(0.08)	130.23 W(0.16)	1.6	ML=2.7(0.7)	3	8	2	F
	WEST OF VANCOUVER ISLAND								
	200 KM W FROM PHC								
MAR 8	23 57 40.(1)	49.01 N(0.05)	122.17 W(0.04)	1.2	ML=1.6(0.1)	4	8	2	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	40 KM SE FROM HYC								
MAR 9	08 13 01.(1)	52.85 N(0.02)	127.66 W(0.06)	0.4	ML=2.5(0.1)	3	5	2	0
	WESTERN BRITISH COLUMBIA, NEAR OCEAN FALLS								
	240 KM N FROM PHC								
MAR 10	01 25 12.(1)	48.54 N(0.06)	123.57 W(0.08)	0.7	ML=1.1(0.4)	4	7	2	F
	SOUTHERN VANCOUVER ISLAND, NEAR VICTORIA								
	10 KM W FROM VIC								
	DEPTH = 25. KM(8.) (EPB)								
MAR 10	03 52 08.(0)	49.23 N(0.01)	123.60 W(0.02)	0.3	ML=1.3(0.0)	4	6	2	0
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
MAR 10	03 54 51.(1)	49.26 N(0.03)	123.69 W(0.05)	1.8	ML=3.6(0.2)	8	14	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	FELT MILDLY IN VANCOUVER								
	60 KM NW FROM PIB								
MAR 13	11 28 07.(1)	50.78 N(0.06)	130.93 W(0.05)	0.2	ML=3.0(0.0)	3	4	2	0
	WEST OF VANCOUVER ISLAND								
	250 KM W FROM PHC								
MAR 13	17 27 32.(0)	49.24 N(0.02)	123.64 W(0.02)	0.4	ML=1.0(0.3)	4	7	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
MAR 19	06 49 59.(1)	48.76 N(0.03)	124.99 W(0.05)	0.4	ML=1.8(0.2)	4	6	4	0
	SOUTHERN VANCOUVER ISLAND								
	60 KM S FROM ALB								
MAR 20	12 09 20.(0)	49.26 N(0.03)	122.55 W(0.02)	0.4	ML=2.3(0.2)	5	8	4	F
	BRITISH COLUMBIA LOWER MAINLAND, NEAR HANEY								
	1 KM E FROM HYC								
	DEPTH = 12. KM(2.) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
MAR 20	18 01 35.(4)	59.94 N(0.32)	137.46 W(0.41)	3.0	ML=3.3(0.0)	4	6	2	0
	NEAR BORDER OF BRITISH COLUMBIA AND YUKON TERRITORY								
	160 KM SW FROM WHC								
MAR 23	10 23 24.(1)	49.54 N(0.04)	127.35 W(0.11)	1.0	ML=2.6(0.3)	6	9	6	F
	WEST OF VANCOUVER ISLAND								
	ONE AFTERSHOCK AT PHC ON MAR 24								
	130 KM S FROM PHC								
MAR 23	13 19 05.(1)	54.14 N(0.04)	133.36 W(0.11)	0.7	ML=3.6(0.5)	3	4	2	0
	NORTHERN QUEEN CHARLOTTE ISLANDS								
	ONE FORESHOCK AT QCC								
	130 KM NW FROM QCC								
APR 4	08 40 21.(2)	51.35 N(0.12)	130.85 W(0.21)	2.1	ML=3.1(0.3)	4	6	2	0
	QUEEN CHARLOTTE SOUND								
	230 KM S FROM QCC								
APR 4	10 10 17.(1)	51.34 N(0.05)	130.79 W(0.08)	0.7	ML=2.3(0.1)	3	5	2	0
	QUEEN CHARLOTTE SOUND								
	230 KM S FROM QCC								
APR 5	06 46 08.(2)	49.57 N(0.07)	128.99 W(0.24)	1.5	ML=2.5(0.3)	7	10	3	F
	WEST OF VANCOUVER ISLAND								
	170 KM SW FROM PHC								
APR 7	01 53 34.(1)	57.64 N(0.03)	125.27 W(0.07)	1.1	ML=3.5( )	3	7	1	F
	NORTH-CENTRAL BRITISH COLUMBIA, NEAR WARE								
	360 KM N FROM FSJ								
APR 7	02 09 10.(1)	49.31 N(0.03)	123.61 W(0.03)	1.2	ML=2.5(0.2)	6	10	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	60 KM N FROM PIB								
APR 25	11 20 11.(1)	49.41 N(0.07)	127.11 W(0.09)	1.2	ML=4.4(0.3)	8	13	4	F
NEIS	11 20 15.(0)	49.54 N(2KM)	126.57 W(4KM)	0.8	MB=4.3	30	30	5	
	WEST OF VANCOUVER ISLAND								
	150 KM S FROM PHC								
APR 25	11 35 07.(4)	49.63 N(0.23)	127.07 W(0.29)	2.0	ML=2.5(0.3)	5	6	3	0
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK OF EVENT AT 11H 20M								
	120 KM S FROM PHC								
MAY 10	03 53 07.(0)	49.23 N(0.01)	123.62 W(0.01)	0.3	ML=1.3(0.2)	4	6	3	0
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
MAY 13	07 11 44.(1)	52.86 N(0.04)	132.24 W(0.08)	1.7	ML=4.8( )	12	20	1	F
NEIS	07 11 44.(1)	53.11 N(5KM)	132.10 W(5KM)	1.3	MB=4.8	35	36	14	
	SOUTHWESTERN QUEEN CHARLOTTE ISLANDS, NEAR TASU SOUND								
	FELT(IV) ON QUEEN CHARLOTTE ISLANDS AT QUEEN CHARLOTTE CITY,								
	SANDSPIT, MASSET AND TASU. NOT FELT ON B.C. MAINLAND.								
	SEE FIGURE 11.								
	TWO AFTERSHOCKS AT QCC								
	45 KM S FROM QCC								
MAY 15	08 17 44.(2)	49.10 N(0.08)	128.88 W(0.16)	2.9		15	21	7	F
NEIS	08 17 41.(2)	49.11 N(4KM)	128.76 W(5KM)	1.2	MB=4.5	25	25	8	
	WEST OF VANCOUVER ISLAND								
	MAG(EPB) 3.6 ML(.3) FROM 7 STATIONS								
	MAG(NEIS) 4.5 MS FROM 1 STATION								
	210 KM SW FROM PHC								
MAY 15	08 22 26.(3)	48.92 N(0.14)	129.32 W(0.26)	2.1	ML=2.9(0.3)	7	10	5	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	240 KM SW FROM PHC								
MAY 16	08 35 15.(0)	48.80 N(0.00)	123.34 W(0.00)	0.0		32	34	2	F
NEIS	08 35 15.(0)	48.80 N(0KM)	123.36 W(0KM)		MB=5.1	184	184	34	
	GEORGIA STRAIT, NEAR PENDER ISLAND, B.C.								
	FELT(V) ON GULF ISLANDS INCLUDING PENDER ISLAND AND SOUTHWESTERN								
	BRITISH COLUMBIA INCLUDING VANCOUVER, VICTORIA AND NANAIMO.								
	PEOPLE WERE AWAKENED TO DISTANCES OF 150 KM BY THIS EVENT.								
	ALSO FELT IN NORTHWESTERN WASHINGTON								
	SEE FIGURE 12 FOR DISTRIBUTION OF FELT REPORTS, FIGURE 7D								
	FOR FOCAL MECHANISM.								
	MAG(EPB) 5.4 ML(0.2) FROM 2 SATATIONS								
	MAG(EPB) 4.6 MS(.1) FROM 5 STATIONS								
	DEPTH = 62. KM(NEIS)								
	3 KM SW FROM PIB								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
MAY 20	05 46 43.(0)	49.24 N(0.01)	123.63 W(0.01)	0.3	ML=1.4(0.2)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
JUN 1	22 18 32.(0)	48.71 N(0.03)	123.95 W(0.03)	0.6	ML=2.4( )	3	6	1	F
	SOUTHERN VANCOUVER ISLAND, NEAR DUNCAN								
	45 KM NW FROM VIC								
	DEPTH = 10. KM(G) (EPB)								
JUN 6	02 17 18.(1)	49.04 N(0.05)	127.86 W(0.08)	1.6		23	26	2	F
NEIS	02 17 17.(0)	49.03 N(2KM)	127.87 W(3KM)	1.1	MB=5.2	76	76	26	
	WEST OF VANCOUVER ISLAND								
	SWARM ACTIVITY, SEVEN LOCATED AND 12 UNLOCATED EVENTS AT PHC								
	THIS AND THE FOLLOWING DAY.								
	SEE FIGURE 7E FOR FOCAL MECHANISM.								
	MAG. 5.3 MS FROM 3 STATIONS (NEIS)								
	MAG(EPB) 5.0 ML(.5) FROM 2 STATIONS								
	190 KM S FROM PHC								
JUN 6	02 23 36.(2)	48.88 N(0.11)	128.71 W(0.20)	1.3	ML=3.5(0.1)	4	7	3	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	220 KM SW FROM PHC								
JUN 6	02 35 31.(1)	49.15 N(0.10)	127.83 W(0.13)	1.7		6	8	2	0
NEIS	02 35 32.(1)	49.13 N(4KM)	127.74 W(9KM)	1.2	MB=4.5	15	15	3	
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	MAG(EPB) 3.4 ML(.2) FROM 2 STATIONS								
	180 KM S FROM PHC								
JUN 6	04 55 03.(1)	49.02 N(0.05)	128.15 W(0.09)	0.6	ML=2.7(0.2)	4	7	3	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	190 KM S FROM PHC								
JUN 6	04 56 50.(1)	48.94 N(0.04)	128.15 W(0.06)	0.4	ML=2.6(0.1)	4	7	4	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	200 KM S FROM PHC								
JUN 6	06 58 40.(1)	49.00 N(0.04)	128.19 W(0.07)	0.5	ML=2.4(0.1)	4	7	2	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	200 KM S FROM PHC								
JUN 7	07 35 03.(2)	49.06 N(0.07)	127.65 W(0.24)	1.2		6	7	2	0
NEIS	07 35 00.(1)	48.96 N(5KM)	127.68 W(7KM)	1.2	MB=4.2	13	13	3	
	WEST OF VANCOUVER ISLAND								
	MAG. 2.9 ML FROM 2 STATIONS (EPB)								
	180 KM S FROM PHC								
JUN 8	19 38 48.(2)	50.36 N(0.14)	130.34 W(0.18)	1.6	ML=3.3( )	4	6	1	0
	WEST OF VANCOUVER ISLAND								
	210 KM W FROM PHC								
JUN 11	10 03 46.(0)	49.15 N(0.02)	123.45 W(0.04)	0.1	ML=0.5(0.2)	3	6	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND LADYSMITH								
	40 KM N FROM PIB								
	DEPTH = 43. KM(3.) (EPB)								
JUN 18	09 19 24.(1)	53.92 N(0.03)	133.06 W(0.06)	0.6	ML=4.3( )	3	6	1	F
	NORTHWESTERN QUEEN CHARLOTTE ISLANDS, NEAR BERESFORD BAY								
	100 KM NW FROM QCC								
JUN 22	03 37 48.(1)	52.12 N(0.06)	115.24 W(0.09)	1.4	MN=2.7( )	4	7	1	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
JUN 23	14 52 19.(1)	52.48 N(0.09)	114.29 W(0.14)	1.8	MN=2.7( )	4	6	1	0
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	100 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUN 25	03 32 07.(0)	49.23 N(0.01)	123.64 W(0.01)	0.2	ML=1.5(0.1)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
JUN 30	21 55 25.(0)	49.20 N(0.01)	123.56 W(0.03)	0.1	ML=1.4(0.2)	3	6	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	45 KM NW FROM PIB								
	DEPTH = 26. KM(4.) (EPB)								
JUL 1	19 06 19.(3)	49.54 N(0.15)	127.33 W(0.30)	1.6	ML=3.1(0.2)	5	8	3	0
	OFF WESTERN COAST OF VANCOUVER ISLAND, NEAR NOOTKA								
	130 KM S FROM PHC								
JUL 11	12 58 09.(1)	58.45 N(0.06)	133.38 W(0.11)	1.3	ML=3.3( )	4	7	1	F
	COAST MOUNTAINS ON BORDER OF SOUTHEASTERN ALASKA								
	AND BRITISH COLUMBIA								
	SEVERAL SMALLER EVENTS AT WHC THIS DAY								
	270 KM S FROM WHC								
JUL 17	23 40 01.(1)	53.91 N(0.05)	132.94 W(0.11)	0.9	ML=3.9(0.5)	4	5	2	0
	NORTHWESTERN QUEEN CHARLOTTE ISLANDS								
	90 KM NW FROM QCC								
JUL 24	18 33 53.(2)	48.79 N(0.08)	125.84 W(0.15)	1.1	ML=1.9(0.3)	4	8	4	F
	OFF SOUTHWESTERN COAST OF VANCOUVER ISLAND,								
	NEAR BARKLEY SOUND								
	90 KM SW FROM ALB								
JUL 25	06 56 50.(0)	49.26 N(0.02)	123.61 W(0.02)	0.7	ML=2.2(0.3)	5	10	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
JUL 28	18 42 20.(1)	48.50 N(0.04)	124.22 W(0.04)	0.5	ML=1.1(0.2)	4	8	4	F
	SOUTHERN VANCOUVER ISLAND								
	60 KM W FROM VIC								
	DEPTH = 25. KM(11.) (EPB)								
JUL 29	11 45 58.(1)	51.74 N(0.06)	119.26 W(0.07)	1.1	ML=2.9(0.2)	4	7	4	F
	EASTERN BRITISH COLUMBIA, NEAR AVOLA								
	MCC NOT USED FOR LOCATION								
	60 KM SW FROM MCC								
JUL 30	06 53 03.(0)	50.67 N(0.01)	114.33 W(0.01)	0.2	ML=2.3(0.2)	3	4	3	0
	ROCKY MOUNTAINS OF WESTERN ALBERTA, NORTH OF COLEMAN								
	240 KM W FROM SES								
JUL 30	11 56 47.(1)	52.28 N(0.03)	115.45 W(0.05)	0.8	ML=2.0(0.2)	4	7	2	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
JUL 30	14 11 04.(2)	48.93 N(0.11)	128.23 W(0.14)	1.9	ML=3.5(0.2)	12	16	5	F
	WEST OF VANCOUVER ISLAND								
	210 KM S FROM PHC								
JUL 30	14 14 37.(3)	48.97 N(0.14)	128.41 W(0.23)	1.5	ML=2.7(0.2)	4	7	4	F
	WEST OF VANCOUVER ISLAND								
	AFTERSHOCK								
	210 KM S FROM PHC								
AUG 4	22 53 01.(2)	50.33 N(0.12)	120.98 W(0.07)	1.3	ML=2.2(0.3)	4	7	3	F
	SOUTH-CENTRAL BRITISH COLUMBIA, NORTH OF PRINCETON								
	POSSIBLE BLAST.								
	150 KM NW FROM PNT								
AUG 10	09 56 59.(2)	48.95 N(0.11)	129.24 W(0.19)	1.7	ML=2.9(0.3)	5	10	5	F
	WEST OF VANCOUVER ISLAND								
	240 KM SW FROM PHC								
AUG 11	05 05 31.(1)	49.24 N(0.02)	123.62 W(0.02)	0.4	ML=1.9(0.3)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
	DEPTH = 17. KM(12.) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
AUG 12	06 29 00.(0)	50.64 N(0.03)	123.05 W(0.04)	1.4	ML=3.8(0.3)	14	24	4	F
	WESTERN BRITISH COLUMBIA, NORTHWEST OF PEMBERTON								
	FELT(III) AT PEMBERTON								
	MAG(NEIS) 4.2 ML								
	160 KM N FROM HYC								
AUG 12	13 02 24.(0)	50.62 N(0.02)	122.93 W(0.02)	0.4	ML=1.8(0.7)	4	8	3	F
	WESTERN BRITISH COLUMBIA, NORTHWEST OF PEMBERTON								
	AFTERSHOCK								
	150 KM N FROM HYC								
AUG 13	15 04 26.(1)	48.63 N(0.05)	124.52 W(0.05)	0.7	ML=2.3(0.1)	4	8	4	F
	SOUTHERN VANCOUVER ISLAND, NEAR PORT RENFREW								
	80 KM W FROM VIC								
	DEPTH = 41. KM(11.) (EPB)								
AUG 17	03 44 26.(2)	50.57 N(0.14)	130.61 W(0.24)	2.4	ML=3.2(0.4)	7	9	2	0
	WEST OF VANCOUVER ISLAND								
	230 KM W FROM PHC								
AUG 19	21 41 57.(0)	49.24 N(0.01)	123.62 W(0.01)	0.2	ML=1.6(0.2)	4	8	4	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
	DEPTH = 14. KM(G) (EPB)								
AUG 26	06 43 10.(1)	50.61 N(0.08)	130.26 W(0.16)	1.8	ML=3.8(0.2)	11	13	3	F
NEIS	06 43 16.(0)	50.63 N(4KM)	129.43 W(5KM)	0.8	MB=4.4	16	16	3	
	WEST OF VANCOUVER ISLAND								
	THIS EARTHQUAKE (AND MANY OTHER SMALLER EVENTS) MAY BE								
	LOCATED BY MEANS OF THREE OCEAN-BOTTOM SEISMOMETERS (OBS)								
	DEPLOYED BY EPB.THE BEST LOCATION FROM THE OBS DATA IS AS FOLLOWS.								
	06 43 10. 50.48 N 130.34 W								
	WITH A FOCAL DEPTH BETWEEN 3 AND 5 KM.								
	THE STANDARD EPB LOCATION THUS APPEARS TO BE NO WORSE THAN								
	20 KM NORTH OR NORTHWEST OF THE TRUE EPICENTRE OF THIS EVENT.								
	THE STANDARD PDE LOCATION BY NEIS IS ABOUT 50 KM EAST OF								
	THE TRUE LOCATION.								
	MAG(NEIS) 3.3 MS FROM 1 STATION								
	200 KM W FROM PHC								
AUG 28	08 29 42.(0)	49.54 N(0.06)	121.71 W(0.02)	0.3	ML=2.2( )	3	7	1	0
	SOUTHWESTERN BRITISH COLUMBIA, NORTH OF RUBY CREEK								
	70 KM NE FROM HYC								
AUG 30	04 17 59.(1)	48.73 N(0.06)	125.34 W(0.06)	1.5	ML=2.5(0.3)	6	14	6	F
	OFF SOUTHWESTERN VANCOUVER ISLAND, NEAR BAMFIELD								
	70 KM SW FROM ALB								
AUG 30	18 02 59.(1)	49.27 N(0.03)	123.64 W(0.04)	1.5	ML=2.4(0.3)	7	12	6	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	60 KM NW FROM PIB								
SEP 1	22 45 01.(1)	52.89 N(0.04)	116.10 W(0.05)	2.1	MN=3.0(0.2)	7	15	2	F
	WESTERN ALBERTA, NORTH OF BRAZEAU								
	190 KM W FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
SEP 3	10 01 29.(2)	50.35 N(0.14)	130.44 W(0.14)	1.7	ML=2.9( )	3	6	1	F
	WEST OF VANCOUVER ISLAND								
	220 KM W FROM PHC								
SEP 3	11 05 35.(2)	50.53 N(0.11)	130.30 W(0.13)	1.4	ML=2.8(0.5)	3	6	2	F
	WEST OF VANCOUVER ISLAND								
	200 KM W FROM PHC								
SEP 6	14 15 53.(0)	49.20 N(0.03)	123.70 W(0.03)	0.2	ML=0.8(0.3)	3	6	3	F
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
SEP 13	10 24 20.(1)	52.27 N(0.04)	115.42 W(0.06)	0.7	ML=2.2(0.2)	3	6	3	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
SEP 14	02 44 11.(1)	52.65 N(0.05)	116.23 W(0.06)	0.5	ML=2.5(0.3)	3	5	3	0
	WESTERN ALBERTA, NEAR BRAZEAU								
	200 KM W FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
SEP 24	13 21 60.(2)	50.57 N(0.10)	130.32 W(0.18)	1.9	ML=3.1(0.3)	7	9	6	0
	WEST OF VANCOUVER ISLAND								
	210 KM W FROM PHC								
OCT 4	19 29 37.(1)	49.40 N(0.05)	122.88 W(0.05)	0.4	ML=0.5(0.0)	3	5	2	0
	WESTERN BRITISH COLUMBIA, NORTH OF VANCOUVER								
	25 KM NW FROM HYC								
OCT 5	00 51 29.(1)	49.00 N(0.05)	122.12 W(0.04)	1.2	ML=1.2(0.4)	4	8	4	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	45 KM SE FROM HYC								
OCT 6	20 19 53.(1)	48.58 N(0.03)	124.34 W(0.03)	0.3	ML=1.1(0.1)	3	6	3	F
	SOUTHERN VANCOUVER ISLAND, NEAR PORT RENFREW								
	70 KM W FROM VIC								
OCT 9	03 32 28.(2)	48.93 N(0.11)	129.09 W(0.18)	1.7	ML=2.6(0.2)	6	11	5	F
	WEST OF VANCOUVER ISLAND								
	230 KM SW FROM PHC								
OCT 13	10 53 36.(1)	52.49 N(0.08)	115.66 W(0.12)	1.3	ML=2.5(0.4)	3	6	3	F
	WESTERN ALBERTA, NEAR BRAZEAU								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
OCT 15	05 56 56.(2)	49.60 N(0.11)	126.63 W(0.13)	1.0	ML=1.7(0.0)	3	6	3	F
	WESTERN COAST OF VANCOUVER ISLAND, NEAR NOOTKA								
	140 KM W FROM ALB								
OCT 15	09 47 53.(0)	52.22 N(0.02)	115.39 W(0.03)	0.3	ML=2.1(0.4)	3	4	3	0
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
OCT 15	15 33 30.(1)	52.20 N(0.04)	115.23 W(0.05)	1.5	MN=3.2( )	6	11	1	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	170 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
OCT 15	18 10 48.(1)	51.85 N(0.07)	130.68 W(0.10)	1.1	ML=2.8(0.4)	3	5	3	0
	QUEEN CHARLOTTE SOUND								
	180 KM SE FROM QCC								
OCT 15	20 29 33.(1)	54.31 N(0.07)	133.67 W(0.14)	1.7	ML=3.5( )	5	9	1	F
	NORTHWEST OF THE QUEEN CHARLOTTE ISLANDS								
	160 KM NW FROM QCC								
OCT 20	09 32 37.(0)	48.53 N(0.00)	123.30 W(0.01)	0.0	ML=0.9(0.2)	3	6	2	F
	HARO STRAIT, NORTHEAST OF VICTORIA								
	9 KM E FROM VIC								
	DEPTH = 20. KM(1.) (EPB)								
OCT 23	02 31 12.(0)	52.25 N(0.01)	115.46 W(0.01)	0.1	ML=2.3(0.3)	3	5	3	0
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
OCT 30	08 56 14.(1)	49.01 N(0.04)	122.32 W(0.08)	0.8	ML=0.9(0.3)	4	7	4	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	35 KM SE FROM HYC								
OCT 30	18 42 11.(1)	48.83 N(0.03)	125.77 W(0.05)	0.5	ML=2.2(0.1)	4	8	4	F
	OFF SOUTHERN VANCOUVER ISLAND, NEAR BARKLEY SOUND								
	80 KM SW FROM ALB								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
NOV 9	12 16 23.(2)	48.91 N(0.10)	129.17 W(0.17)	1.6	ML=3.3(0.2)	7	11	5	F
	WEST OF VANCOUVER ISLAND								
	240 KM SW FROM PHC								
NOV 9	20 17 19.(1)	50.61 N(0.06)	129.84 W(0.15)	1.9	ML=4.4(0.3)	15	17	5	0
NEIS	20 17 19.(0)	50.59 N(4KM)	129.76 W(5KM)	1.1	MB=4.6	26	26	6	
	WEST OF VANCOUVER ISLAND								
	QCC NOT OPERATING								
	MAG(EPB) 4.0 MS(.2) FROM 6 STATIONS								
	170 KM W FROM PHC								
NOV 10	16 19 52.(3)	50.48 N(0.12)	129.96 W(0.31)	1.3	ML=3.2(0.2)	3	5	2	0
	WEST OF VANCOUVER ISLAND								
	180 KM W FROM PHC								
NOV 10	19 16 34.(2)	51.37 N(0.08)	130.67 W(0.17)	1.8	ML=4.1(0.4)	6	8	4	0
	QUEEN CHARLOTTE SOUND								
	QCC NOT OPERATING								
	240 KM W FROM PHC								
NOV 15	11 51 54.(1)	48.55 N(0.02)	123.30 W(0.06)	0.2	ML=0.8(0.1)	3	5	3	0
	HARO STRAIT, NORTHEAST OF VICTORIA								
	9 KM NE FROM VIC								
	DEPTH = 14. KM(6.) (EPB)								
NOV 17	23 24 32.(1)	49.44 N(0.06)	126.15 W(0.08)	1.3	ML=4.3(0.3)	14	18	5	F
NEIS	23 24 31.(0)	49.53 N(4KM)	125.80 W(5KM)	1.1	MB=4.2	29	29	2	
	WESTERN COAST OF VANCOUVER ISLAND, NEAR CLAYOQUOT SOUND								
	NOT REPORTED FELT								
	100 KM W FROM ALB								
NOV 19	06 17 40.(3)	50.33 N(0.10)	129.78 W(0.31)	0.8	ML=2.6( )	3	4	1	0
	WEST OF VANCOUVER ISLAND								
	170 KM W FROM PHC								
NOV 21	01 58 58.(2)	48.94 N(0.06)	125.32 W(0.13)	0.7	ML=1.1(0.2)	3	5	3	0
	WESTERN COAST OF VANCOUVER ISLAND, NEAR BARKLEY SOUND								
	50 KM SW FROM ALB								
NOV 28	00 12 41.(0)	49.24 N(0.01)	123.63 W(0.01)	0.2	ML=0.8(0.2)	4	5	4	0
	GEORGIA STRAIT, BETWEEN VANCOUVER AND NANAIMO								
	50 KM NW FROM PIB								
DEC 2	03 35 47.(1)	52.29 N(0.07)	115.45 W(0.09)	1.3	ML=3.0(0.4)	3	7	3	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
DEC 9	07 27 36.(1)	52.13 N(0.05)	115.22 W(0.05)	1.3	MN=2.8( )	4	7	1	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
DEC 14	11 42 26.(0)	48.83 N(0.01)	123.21 W(0.04)	0.1	ML=0.7(0.8)	3	6	3	F
	GULF ISLANDS, B.C.								
	8 KM E FROM PIB								
	DEPTH = 16. KM(2.) (EPB)								
DEC 20	04 45 57.(1)	49.06 N(0.05)	129.02 W(0.12)	1.5		13	17	4	F
NEIS	04 45 56.(1)	49.09 N(4KM)	128.72 W(6KM)	1.0	MB=4.2	18	18	2	
	WEST OF VANCOUVER ISLAND								
	MAG(EPB) 3.2 ML(.2) FROM 4 STATIONS								
	220 KM SW FROM PHC								
DEC 20	12 08 03.(0)	50.23 N(0.03)	115.66 W(0.04)	0.9	ML=2.4(0.1)	3	9	3	F
	SOUTHEASTERN BRITISH COLUMBIA								
	300 KM E FROM PNT								
DEC 20	17 12 45.(1)	49.00 N(0.09)	128.88 W(0.14)	1.8		15	17	0	0
NEIS	17 12 41.(0)	49.08 N(3KM)	128.96 W(4KM)	1.1	MB=5.1	64	64	11	
	WEST OF VANCOUVER ISLAND								
	MAG(EPB) 4.7 MS(.3) FROM 5 STATIONS								
	220 KM SW FROM PHC								

EARTHQUAKE REPORTED BY NEIS(EDR-22) AT 17 13 43 DECEMBER 20
IN THE AREA WEST OF VANCOUVER ISLAND IS NOT RECORDED
AT ANY CANADIAN SEISMOGRAPH STATION.

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
DEC 20	20 33 12.(1)	49.02 N(0.06)	128.67 W(0.12)	1.7		17	17	0	0
NEIS	20 33 08.(0)	48.80 N(1KM)	129.29 W(2KM)	1.1	MS=6.7	210	210	8	
	WEST OF VANCOUVER ISLAND								
	SEE FIGURE 7F FOR FOCAL MECHANISM.								
	MAG. 5.9 MB FROM 55 STATIONS (NEIS), 6.6 MB (PAS)								
	210 KM SW FROM PHC								
DEC 20	20 40 37.(2)	48.72 N(0.36)	129.09 W(0.20)	1.4	ML=3.7(0.3)	4	8	4	0
	WEST OF VANCOUVER ISLAND								
	PHC READING OBSCURED BY PREVIOUS EVENT								
	250 KM SW FROM PHC								
DEC 20	21 06 43.(1)	48.87 N(0.08)	128.51 W(0.14)	1.7		13	13	0	0
NEIS	21 06 39.(0)	48.90 N(3KM)	128.72 W(3KM)	1.0	MB=5.1	75	75	16	
	WEST OF VANCOUVER ISLAND								
	PHC NOT OPERATING								
	220 KM S FROM PHC								
DEC 20	21 12 52.(1)	49.19 N(0.09)	129.17 W(0.12)	2.0		13	16	4	F
NEIS	21 12 49.(0)	49.16 N(2KM)	129.02 W(4KM)	1.0	MB=5.1	64	64	20	
	WEST OF VANCOUVER ISLAND								
	PHC NOT OPERATING								
	MAG(EPB) 4.1 ML(.2) FROM 4 STATIONS								
	210 KM SW FROM PHC								
DEC 20	21 21 37.(1)	48.94 N(0.05)	128.41 W(0.12)	1.6	ML=0.0( )	14	15	1	0
NEIS	21 21 33.(0)	48.92 N(2KM)	128.57 W(3KM)	0.9	MB=4.9	53	53	10	
	WEST OF VANCOUVER ISLAND								
	MAG. 3.8 ML FROM 1 STATION (EPB)								
	210 KM S FROM PHC								
DEC 20	23 11 04.(1)	49.20 N(0.06)	129.16 W(0.12)	1.3		8	11	4	F
NEIS	23 11 01.(4)	49.23 N(15KM)	129.11 W(37KM)	1.3		6	6		
	WEST OF VANCOUVER ISLAND								
	MAG(EPB) 3.1 ML(.2) FROM 4 STATIONS								
	210 KM SW FROM PHC								
DEC 21	09 22 02.(3)	49.75 N(0.09)	129.11 W(0.26)	1.5	ML=2.5( )	3	6	1	F
	WEST OF VANCOUVER ISLAND								
	160 KM SW FROM PHC								
DEC 23	13 44 51.(3)	49.45 N(0.14)	129.89 W(0.25)	1.4	ML=2.7(0.2)	4	6	2	0
	WEST OF VANCOUVER ISLAND								
	220 KM SW FROM PHC								
DEC 23	22 17 48.(1)	52.20 N(0.06)	115.29 W(0.06)	2.0	MN=2.8( )	5	12	1	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	170 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
DEC 26	10 48 20.(1)	49.27 N(0.07)	130.08 W(0.13)	1.6		12	15	3	F
NEIS	10 48 21.(0)	49.43 N(3KM)	129.62 W(5KM)	1.0	MB=4.7	24	24		
	WEST OF VANCOUVER ISLAND								
	MAG(EPB) 3.6 ML(.3) FROM 3 STATIONS								
	250 KM SW FROM PHC								
DEC 26	10 52 48.(1)	49.38 N(0.07)	130.03 W(0.14)	2.0		14	18	3	F
NEIS	10 52 48.(0)	49.42 N(2KM)	129.49 W(4KM)	0.9	MB=4.7	30	30	11	
	WEST OF VANCOUVER ISLAND								
	MAG. 3.8 ML(0.2) FROM 3 STATIONS (EPB)								
	MAG(EPB) 4.1 MS(.3) FROM 10 STATIONS								
	240 KM SW FROM PHC								
DEC 26	14 50 43.(3)	49.34 N(0.11)	129.60 W(0.37)	1.5	ML=3.2(0.3)	7	8	3	0
	WEST OF VANCOUVER ISLAND								
	220 KM SW FROM PHC								
DEC 30	12 53 23.(0)	52.20 N(0.03)	115.34 W(0.03)	0.7	ML=2.5(0.3)	4	7	4	F
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
DEC 30	13 36 33.(0)	52.25 N(0.02)	115.46 W(0.03)	0.2	ML=1.5( )	3	4	1	0
	WESTERN ALBERTA, NEAR ROCKY MOUNTAIN HOUSE								
	180 KM SW FROM EDM								
	DEPTH = 5. KM(G) (EPB)								
DEC 31	18 05 32.(2)	50.41 N(0.10)	130.10 W(0.14)	1.8	ML=3.1(0.4)	6	9	4	F
	WEST OF VANCOUVER ISLAND								
	190 KM W FROM PHC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	

38. WASHINGTON EPICENTRES

JAN 5	13 25 45.(0)	47.44 N(0.02)	122.68 W(0.03)	1.0	ML=2.8(0.4)	15	21	4	F
NEIS	13 25 44.	47.46 N	122.60 W			11	11		
	PUGET SOUND AREA, WASHINGTON								
	FELT(IV) AT OLYMPIA, BURLEY AND PORT ORCHARD, WASHINGTON								
	ALSO FELT IN PIERCE, KING, KITSAP AND THURSTON COUNTIES								
	MAG(SEA) 2.9 CL								
	DEPTH = 42. KM (NEIS)								
	130 KM SE FROM VIC								
	DEPTH = 27. KM(3.) (EPB)								
JAN 12	00 47 07.(3)	48.03 N(0.23)	122.19 W(0.07)	1.0	ML=1.8(0.0)	3	5	3	0
	PUGET SOUND AREA, WASHINGTON								
	110 KM SE FROM VIC								
JAN 20	11 33 02.(1)	48.93 N(0.12)	121.44 W(0.06)	1.7	ML=2.6(0.2)	4	8	4	F
	BRITISH COLUMBIA-WASHINGTON BORDER, NEAR CHILLIWACK LAKE, B.C.								
	90 KM SE FROM HYC								
JAN 27	03 09 31.(0)	47.90 N(0.01)	122.15 W(0.02)	0.8	ML=2.5(0.7)	25	31	5	F
NEIS	03 09 31.	47.88 N	122.17 W			21	21		
	PUGET SOUND AREA, WASHINGTON								
	FELT(IV) AT SNOHOMISH, WASHINGTON								
	MAG(SEA) 2.8 CL								
	DEPTH = 19. KM (NEIS)								
	120 KM SE FROM VIC								
	DEPTH = 12. KM(2.) (EPB)								
JAN 30	04 55 11.(1)	47.94 N(0.03)	122.61 W(0.04)	0.3	ML=1.2(0.5)	3	5	3	0
	PUGET SOUND AREA, WASHINGTON								
	90 KM SE FROM VIC								
JAN 31	06 49 49.(1)	48.35 N(0.03)	122.11 W(0.03)	0.2	ML=1.2(0.2)	3	5	3	0
	PUGET SOUND AREA, WASHINGTON								
	100 KM E FROM VIC								
JAN 31	12 27 14.(0)	48.35 N(0.03)	122.45 W(0.03)	1.6	ML=3.1(0.4)	22	28	4	F
NEIS	12 27 14.	48.35 N	122.32 W			16	16		
	PUGET SOUND AREA, WASHINGTON								
	FELT(IV) AT SILVANA, STANWOOD AND CAMANO ISLAND, WASHINGTON								
	MAG(SEA) 3.0 CL								
	DEPTH = 18. KM (NEIS)								
	70 KM E FROM VIC								
	DEPTH = 15. KM(5.) (EPB)								
FEB 2	23 29 52.(0)	48.90 N(0.00)	122.19 W(0.00)	0.1	ML=1.4(0.1)	3	5	2	0
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	50 KM SE FROM HYC								
FEB 5	00 41 20.(1)	48.68 N(0.04)	123.08 W(0.05)	0.7	ML=1.2( )	4	8	1	F
	SAN JUAN ISLANDS, WASHINGTON								
	25 KM SE FROM PIB								
	DEPTH = 39. KM(6.) (EPB)								
FEB 5	01 31 24.(3)	48.97 N(0.08)	121.96 W(0.20)	1.4	ML=1.9( )	3	6	1	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	60 KM SE FROM HYC								
FEB 5	01 36 48.(0)	48.63 N(0.01)	122.93 W(0.02)	0.1	ML=1.4( )	3	5	1	0
	SAN JUAN ISLANDS, WASHINGTON								
	35 KM SE FROM PIB								
FEB 12	20 59 08.(0)	48.14 N(0.02)	122.72 W(0.02)	0.2	ML=1.5(0.1)	3	6	3	F
	PUGET SOUND AREA, WASHINGTON								
	70 KM SE FROM VIC								
FEB 22	04 38 58.(2)	47.97 N(0.12)	122.21 W(0.06)	1.4	ML=2.3(0.4)	5	10	4	F
	PUGET SOUND AREA, WASHINGTON								
	110 KM SE FROM VIC								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
FEB 29	07 12 17.(1)	48.47 N(0.05)	123.16 W(0.05)	0.6	ML=0.2(0.0)	3	5	2	0
	SAN JUAN ISLANDS, WASHINGTON								
	20 KM E FROM VIC								
	DEPTH = 10. KM(G) (EPB)								
MAR 3	18 29 40.(0)	48.40 N(0.02)	122.55 W(0.02)	0.2	ML=1.6( )	3	6	1	F
	SAN JUAN ISLANDS, WASHINGTON								
	70 KM E FROM VIC								
MAR 10	01 28 01.(1)	48.68 N(0.03)	123.08 W(0.04)	0.6	ML=1.6(0.3)	4	8	4	F
	SAN JUAN ISLANDS, WASHINGTON								
	25 KM SE FROM PIB								
	DEPTH = 29. KM(5.) (EPB)								
MAR 10	04 39 53.(1)	48.64 N(0.03)	123.01 W(0.05)	0.5	ML=0.6(0.3)	3	6	2	0
	SAN JUAN ISLANDS, WASHINGTON								
	30 KM SE FROM PIB								
MAR 13	22 21 41.(1)	48.66 N(0.03)	122.41 W(0.05)	0.5	ML=1.4(0.1)	4	8	4	F
	NORTHWESTERN WASHINGTON, SOUTH OF BELLINGHAM								
	70 KM S FROM HYC								
	DEPTH = 37. KM(7.) (EPB)								
APR 6	00 01 45.(2)	48.98 N(0.05)	121.90 W(0.13)	0.9	ML=1.1(0.1)	3	6	3	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	60 KM SE FROM HYC								
APR 11	20 34 16.(0)	48.32 N(0.02)	124.62 W(0.02)	0.3	ML=2.5(0.4)	4	8	4	F
	OLYMPIC PENINSULA, WASHINGTON								
	90 KM W FROM VIC								
APR 17	21 23 40.(1)	48.59 N(0.03)	122.93 W(0.04)	0.4	ML=1.8(0.1)	3	6	3	F
	SAN JUAN ISLANDS, WASHINGTON								
	35 KM E FROM VIC								
APR 20	00 14 04.(1)	48.19 N(0.06)	124.51 W(0.05)	0.8	ML=1.4(0.2)	4	8	4	F
	OLYMPIC PENINSULA, WASHINGTON								
	90 KM SW FROM VIC								
APR 28	08 39 58.(0)	47.78 N(0.01)	122.39 W(0.02)	0.7	ML=2.3(0.2)	20	24	5	F
NEIS	08 39 59.(0)	47.79 N(0KM)	122.34 W(0KM)			15	15	0	
	PUGET SOUND AREA, WASHINGTON								
	MAG(SEA) 3.0 CL								
	DEPTH = 33. KM(NEIS)								
	110 KM SE FROM VIC								
	DEPTH = 26. KM(2.) (EPB)								
APR 28	09 09 50.(1)	48.54 N(0.05)	122.23 W(0.08)	0.6	ML=1.4(0.2)	3	6	3	F
	NORTHWESTERN WASHINGTON								
	90 KM S FROM HYC								
APR 28	09 25 04.(1)	47.83 N(0.07)	122.50 W(0.08)	0.5	ML=1.6(0.3)	3	6	3	F
	PUGET SOUND AREA WASHINGTON								
	AFTERSHOCK OF EVENT AT 08 39								
	100 KM SE FROM VIC								
APR 28	09 29 01.(1)	47.78 N(0.06)	122.44 W(0.07)	0.4	ML=1.3(0.3)	3	6	3	F
	PUGET SOUND AREA, WASHINGTON								
	AFTERSHOCK OF EVENT AT 08 39								
	110 KM SE FROM VIC								
MAY 2	00 39 43.(1)	48.30 N(0.04)	125.34 W(0.05)	0.5	ML=1.5( )	3	6	1	F
	WEST OF CAPE FLATTERY, WASHINGTON								
	110 KM S FROM ALB								
MAY 4	12 08 57.(1)	48.64 N(0.02)	122.99 W(0.02)	0.5	ML=2.0(1.0)	5	9	2	F
	SAN JUAN ISLANDS, WASHINGTON								
	30 KM SE FROM PIB								
	DEPTH = 28. KM(5.) (EPB)								
MAY 5	01 08 20.(0)	48.16 N(0.01)	122.52 W(0.02)	0.1	ML=2.2(0.3)	4	7	2	F
	SAN JUAN ISLANDS, WASHINGTON								
	80 KM SE FROM VIC								
	DEPTH = 13. KM(3.) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
MAY 5	19 23 09.(1)	48.60 N(0.03)	123.10 W(0.03)	0.6	ML=2.4(0.1)	5	9	2	F
	SAN JUAN ISLANDS, WASHINGTON								
	30 KM SE FROM PIB								
	DEPTH = 27. KM(5.) (EPB)								
MAY 5	19 48 17.(2)	48.87 N(0.10)	122.78 W(0.17)	1.3	ML=1.6( )	3	6	1	0
	WESTERN WASHINGTON								
	40 KM E FROM PIB								
MAY 15	13 04 54.(2)	47.69 N(0.09)	120.07 W(0.08)	1.2	ML=1.6(0.5)	4	8	4	F
	CENTRAL WASHINGTON								
	180 KM S FROM PNT								
MAY 20	07 58 57.(1)	48.37 N(0.04)	122.29 W(0.05)	0.4	ML=1.4(0.4)	3	5	3	0
	NORTHWESTERN WASHINGTON, SOUTH OF BELLINGHAM								
	80 KM E FROM VIC								
JUN 2	20 51 02.(1)	47.55 N(0.04)	122.58 W(0.02)	0.4	ML=2.2(0.3)	4	6	2	0
	PUGET SOUND AREA, WASHINGTON								
	MAY BE BLAST								
	130 KM SE FROM VIC								
JUN 4	08 22 16.(0)	48.51 N(0.01)	121.82 W(0.01)	0.2	ML=2.1( )	3	5	1	0
	NORTHWESTERN WASHINGTON, SOUTHEAST OF BELLINGHAM								
	PROBABLE BLAST.								
	100 KM SE FROM HYC								
JUN 8	17 05 35.(2)	46.92 N(0.08)	122.21 W(0.07)	1.1	ML=2.6(0.4)	4	8	4	F
	SOUTHERN WASHINGTON								
	200 KM SE FROM VIC								
JUN 16	23 48 09.(1)	48.02 N(0.07)	121.67 W(0.04)	0.8	ML=2.0(0.2)	3	6	3	F
	NORTHWESTERN WASHINGTON								
	140 KM SE FROM VIC								
JUN 22	14 55 37.(0)	48.36 N(0.04)	122.44 W(0.07)	0.2	ML=1.4(0.2)	3	6	3	F
	NORTHWESTERN WASHINGTON								
	70 KM E FROM VIC								
	DEPTH = 14. KM(35.) (EPB)								
JUN 23	13 14 59.(0)	48.60 N(0.02)	123.06 W(0.03)	0.3	ML=0.7(0.2)	3	6	3	F
	SAN JUAN ISLANDS, WASHINGTON								
	30 KM E FROM VIC								
JUL 1	14 03 21.(2)	48.23 N(0.11)	124.50 W(0.08)	1.0	ML=1.7(0.2)	4	7	3	0
	OLYMPIC PENINSULA, WASHINGTON								
	90 KM W FROM VIC								
JUL 29	14 18 19.(1)	48.64 N(0.04)	122.70 W(0.05)	0.6	ML=1.4(0.2)	4	7	4	F
	SAN JUAN ISLANDS, WASHINGTON								
	50 KM SE FROM PIB								
	DEPTH = 38. KM(8.) (EPB)								
AUG 20	00 01 43.(1)	47.38 N(0.03)	120.92 W(0.02)	0.5	ML=2.2(0.4)	4	9	4	0
	CENTRAL WASHINGTON STATE								
	230 KM SE FROM VIC								
AUG 30	12 28 38.(0)	47.81 N(0.01)	120.30 W(0.01)	0.1	ML=2.1(0.7)	3	5	2	0
	CENTRAL WASHINGTON								
	170 KM S FROM PNT								
SEP 2	13 36 11.(0)	48.19 N(0.02)	122.72 W(0.03)	1.5	ML=4.5( )	31	40	1	F
NEIS	13 36 11.(0)	48.21 N(0KM)	122.76 W(0KM)		MB=4.3			1	
	PUGET SOUND, NEAR PORT TOWNSEND, WASHINGTON								
	FELT (V) IN ISLAND, SKAGIT, SAN JUAN, JEFFERSON AND								
	CLALLAM COUNTIES. ALSO FELT IN SNOHOMISH, WHATCOM,								
	KING AND KITSAP COUNTIES, WASHINGTON								
	FELT IN VICTORIA (III,IV) AND VANCOUVER, B.C.								
	DEPTH = 24. KM(NEIS)								
	MAG. 4.0 CL (SEA), 4.0 MS (NEIS)								
	MAG(EPB) 3.1 MS(.3) FROM 4 STATIONS								
	60 KM SE FROM VIC								
	DEPTH = 10. KM(4.) (EPB)								

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
SEP 4	08 36 45.(1)	47.67 N(0.05)	121.70 W(0.08)	0.6	ML=1.8(0.4)	3	6	3	0
	WASHINGTON STATE, EAST OF SEATTLE								
	160 KM SE FROM VIC								
SEP 6	04 07 39.(1)	48.16 N(0.05)	124.57 W(0.05)	0.6	ML=1.7(0.2)	3	6	3	F
	NORTHWESTERN WASHINGTON								
	90 KM SW FROM VIC								
SEP 08									
NEIS	08 21 02.(0)	47.38 N(0KM)	123.08 W(0KM)		MB=4.6	82	82	12	F
	CENTRAL PUGET SOUND AREA, WASHINGTON								
	FELT(VI) AT TACOMA. FELT THROUGHOUT PUGET SOUND AREA.								
	FELT(II-III) AT VICTORIA, B.C.								
	MAG. 4.5 CL (SEA), 4.8 ML (NEIS)								
	MAG. 3.9 MS FROM 1 STATION (NEIS)								
	DEPTH = 48. KM (NEIS)								
SEP 8	19 47 45.(2)	48.26 N(0.08)	122.80 W(0.07)	0.9	ML=1.9(0.2)	4	7	4	F
	SAN JUAN ISLANDS, WASHINGTON								
	50 KM SE FROM VIC								
SEP 19	14 41 39.(1)	48.04 N(0.04)	124.63 W(0.04)	0.6	ML=2.0(0.1)	4	8	4	0
	NORTHWESTERN WASHINGTON, IN OLYMPIC PENINSULA								
	100 KM SW FROM VIC								
SEP 26	00 19 39.(1)	48.17 N(0.06)	122.97 W(0.06)	0.6	ML=1.3(0.5)	3	6	3	0
	PUGET SOUND AREA, WASHINGTON								
	50 KM SE FROM VIC								
SEP 27	15 05 04.(0)	48.54 N(0.01)	122.51 W(0.02)	0.1	ML=1.0(0.2)	3	6	3	0
	PUGET SOUND AREA, WASHINGTON								
	70 KM SE FROM PIB								
	DEPTH = 15. KM(9.) (EPB)								
SEP 28	21 31 37.(1)	48.31 N(0.05)	124.54 W(0.05)	0.7	ML=1.2(0.2)	4	8	4	F
	NORTHWESTERN WASHINGTON, IN OLYMPIC PENINSULA								
	90 KM W FROM VIC								
OCT 1	09 35 55.(1)	47.96 N(0.03)	122.18 W(0.04)	0.4	ML=1.9(0.1)	3	6	3	0
	PUGET SOUND AREA, WASHINGTON								
	110 KM SE FROM VIC								
OCT 4	19 14 08.(0)	48.24 N(0.02)	122.73 W(0.02)	0.2	ML=1.0(0.3)	3	6	3	0
	PUGET SOUND AREA, WASHINGTON								
	60 KM SE FROM VIC								
OCT 13	23 58 21.(1)	48.98 N(0.04)	121.93 W(0.09)	0.6	ML=1.3(0.1)	3	6	3	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	60 KM SE FROM HYC								
OCT 18	11 10 44.(1)	47.55 N(0.04)	122.01 W(0.03)	0.7	ML=2.3(0.5)	4	9	4	0
	NORTHWESTERN WASHINGTON, EAST OF SEATTLE								
	150 KM SE FROM VIC								
OCT 30	13 03 31.(1)	48.95 N(0.05)	122.11 W(0.04)	1.2	ML=1.6(0.2)	4	9	4	F
	BRITISH COLUMBIA-WASHINGTON BORDER, SOUTHEAST OF ABBOTSFORD, B.C.								
	POSSIBLE BLAST.								
	50 KM SE FROM HYC								
OCT 30	13 46 57.(1)	48.52 N(0.04)	122.05 W(0.02)	0.7	ML=1.7(0.2)	5	10	5	F
	NORTHWESTERN WASHINGTON								
	90 KM SE FROM HYC								
OCT 31	03 07 27.(1)	48.17 N(0.08)	121.65 W(0.05)	1.5	ML=2.3(0.3)	5	11	5	F
	NORTHWESTERN WASHINGTON								
	140 KM E FROM VIC								
NOV 4	04 58 30.(0)	48.16 N(0.01)	121.59 W(0.02)	0.1	ML=1.7(0.2)	3	6	3	F
	NORTHWESTERN WASHINGTON								
	140 KM E FROM VIC								
NOV 5	06 36 32.(1)	47.88 N(0.02)	123.71 W(0.03)	0.3	ML=1.8(0.2)	4	7	3	F
	OLYMPIC PENINSULA, WASHINGTON								
	70 KM S FROM VIC								

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NOV 11	05 28 32.(1)	47.04 N(0.06)	121.78 W(0.04)	0.8	ML=2.9(0.7)	3	7	2	F
	SOUTHERN WASHINGTON, SOUTHEAST OF TACOMA								
	210 KM SE FROM VIC								
NOV 11	07 36 39.(2)	46.98 N(0.12)	121.75 W(0.07)	1.1	ML=2.8(0.3)	3	5	2	0
	SOUTHERN WASHINGTON, SOUTHEAST OF TACOMA								
	210 KM SE FROM VIC								
NOV 15	11 31 21.(0)	48.05 N(0.02)	121.89 W(0.02)	0.2	ML=1.1(0.2)	3	5	3	0
	NORTHWESTERN WASHINGTON								
	120 KM SE FROM VIC								
NOV 24	12 29 02.(2)	47.83 N(0.12)	121.42 W(0.05)	1.3	ML=2.0(0.5)	4	7	3	F
	WESTERN WASHINGTON								
	170 KM SE FROM VIC								
DEC 13	02 10 53.(1)	48.62 N(0.05)	122.34 W(0.08)	0.6	ML=0.9(0.4)	3	5	3	0
	NORTHWESTERN WASHINGTON, NEAR BELLINGHAM								
	70 KM S FROM HYC								
DEC 14	05 27 20.(2)	48.26 N(0.06)	121.29 W(0.10)	0.7	ML=1.5(0.4)	3	6	3	F
	WESTERN WASHINGTON								
	150 KM SE FROM HYC								
DEC 23	05 51 37.(2)	47.90 N(0.08)	123.10 W(0.08)	1.8	ML=3.1(0.3)	6	12	5	F
	OLYMPIC PENINSULA, WASHINGTON								
	70 KM S FROM VIC								
DEC 30	14 57 57.(0)	47.73 N(0.01)	122.70 W(0.02)	0.1	ML=1.6(0.2)	3	6	3	F
	PUGET SOUND, WASHINGTON								
	100 KM SE FROM VIC								
DEC 31	06 55 30.(0)	48.17 N(0.00)	122.80 W(0.00)	0.0	ML=1.5(0.2)	3	6	3	F
	PUGET SOUND, WASHINGTON								
	60 KM SE FROM VIC								

3C. MONTANA EPICENTRES

JAN 21									
NEIS	13 43 30.(0)	48.22 N(3KM)	114.10 W(2KM)	0.7	ML=3.1	21	21	1	F
	MONTANA								
	FELT(IV) AT HUNGRY HORSE, SOMERS AND CRESTON, MONTANA								
	DEPTH = 5. KM(G) (NEIS)								
FEB 25	08 10 46.(3)	47.49 N(0.13)	114.00 W(0.10)	1.4	MN=2.2( )	3	5	1	0
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	390 KM SW FROM SES								
FEB 27	08 28 01.(1)	48.05 N(0.06)	114.34 W(0.04)	0.6	MN=2.6( )	3	5	1	0
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	350 KM SW FROM SES								
FEB 28	03 11 45.(4)	47.77 N(0.16)	113.97 W(0.12)	1.2	ML=2.9(0.2)	3	4	2	0
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	360 KM SW FROM SES								
MAR 10	02 29 59.(2)	47.82 N(0.11)	115.82 W(0.07)	1.5	ML=3.1(0.0)	3	7	2	F
	WESTERN MONTANA								
	330 KM SE FROM PNT								
APR 4	02 25 26.(3)	48.05 N(0.14)	114.12 W(0.10)	1.7	MN=2.6(0.0)	3	6	2	F
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	340 KM SW FROM SES								
APR 24									
NEIS	08 49 12.(0)	48.26 N(3KM)	114.09 W(3KM)	1.2	ML=2.9	23	23	1	F
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	FELT IN THE KALISPELL AREA								
	TWO FORESHOCKS, TWO AFTERSHOCKS AT SES								
	330 KM SW FROM SES								
	DEPTH = 5. KM(G) (NEIS)								
OCT 3	05 29 03.(2)	48.32 N(0.11)	114.16 W(0.08)	1.7	MN=2.8(0.1)	4	9	2	F
	WESTERN MONTANA, NEAR FLATHEAD LAKE								
	320 KM SW FROM SES								

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3D. ALASKAN EPICENTRES (SOUTH OF 60 N)

JAN 25									
NEIS	18 52 41.(0)	59.89 N(5KM)	141.55 W(4KM)	0.9	MB=4.5	16	16	2	F
	SOUTHEASTERN ALASKA								
FEB 15	21 15 49.(1)	57.91 N(0.05)	138.57 W(0.27)	0.7	ML=4.1(0.0)	4	5	2	0
	OFF COAST OF SOUTHEASTERN ALASKA								
	370 KM SW FROM WHC								
MAR 6	04 59 51.(3)	58.22 N(0.22)	138.60 W(0.54)	1.7	ML=3.7( )	3	5	1	0
	OFF COAST OF SOUTHEASTERN ALASKA								
	ONE AFTERSHOCK AT WHC								
	340 KM SW FROM WHC								
MAY 1	10 53 23.(2)	55.74 N(0.10)	135.30 W(0.29)	2.1	ML=3.0(0.1)	3	5	2	0
	OFF COAST OF SOUTHEASTERN ALASKA								
	350 KM NW FROM QCC								
MAY 25	01 53 54.(1)	59.06 N(0.06)	138.19 W(0.10)	0.9	ML=3.7( )	4	7	1	F
	SOUTHEASTERN ALASKA								
	250 KM SW FROM WHC								
JUN 1	17 02 35.(2)	59.49 N(0.07)	138.09 W(0.19)	1.5	ML=3.6( )	4	6	1	0
	NEAR BORDER OF ALASKA AND BRITISH COLUMBIA								
	MAGNITUDE UNCERTAIN								
	220 KM SW FROM WHC								
AUG 8	00 45 20.(1)	59.28 N(0.06)	135.35 W(0.14)	1.3	ML=3.3( )	4	7	1	F
	SOUTHEASTERN ALASKA, NEAR HAINES								
	160 KM S FROM WHC								
OCT 04									
NEIS	21 03 58.(0)	59.34 N(6KM)	144.73 W(4KM)	1.1	ML=3.7	16	16	1	F
	GULF OF ALASKA								
OCT 6	21 56 21.(2)	59.88 N(0.12)	141.22 W(0.18)	1.3	ML=3.5( )	3	6	1	0
	SOUTHEASTERN ALASKA								
	350 KM W FROM WHC								
NOV 7	14 48 48.(1)	57.88 N(0.04)	137.79 W(0.10)	1.7	ML=4.2( )	11	15	1	0
NEIS	14 48 45.	57.72 N	138.04 W	1.1	MB=4.0	10	10		
	OFF SOUTHEASTERN ALASKA								
	350 KM SW FROM WHC								
NOV 12	18 48 37.(1)	59.61 N(0.03)	138.95 W(0.05)	0.4	ML=3.8( )	3	6	1	F
	OFF SOUTHEASTERN ALASKA								
	250 KM SW FROM WHC								
NOV 13	05 12 35.(2)	59.57 N(0.10)	138.72 W(0.17)	1.4	ML=3.7( )	3	7	1	F
	OFF SOUTHEASTERN ALASKA								
	240 KM SW FROM WHC								

TABLE 4

EARTHQUAKES OF CENTRAL CANADA
1976

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

DATE 1976	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
MAR 23	22 31 47.(1)	49.56 N(0.07)	104.37 W(0.05)	1.7	MN=3.3(0.2)	4	13	3	F
	SOUTH-CENTRAL SASKATCHEWAN, WEST OF WEYBURN								
	ABOUT 100 KM SOUTH OF REGINA, CLOSE TO THE TOWN OF RADVILLE.								
	FELT(V) IN RADVILLE WHERE BOOKS WERE KNOCKED FROM THE								
	SHELVES IN THE LIBRARY AND CRACKED PLASTER WAS REPORTED IN THE								
	HOSPITAL. THE TREMOR WAS FELT BY EVERYONE IN THE TOWN.								
	MANY PEOPLE RAN OUTDOORS. DURATION WAS ESTIMATED AS FIVE TO								
	TEN SECONDS.								
	SEE FIGURE 13 FOR DISTRIBUTION OF FELT REPORTS.								
	490 KM E FROM SES								
	DEPTH = 5. KM(G) (EPB)								
MAR 25	00 12 16.(1)	49.39 N(0.05)	104.27 W(0.03)	1.3	MN=3.5(0.2)	4	13	3	F
	SOUTH-CENTRAL SASKATCHEWAN, WEST OF WEYBURN								
	FELT(IV) IN RADVILLE, NOT AS STRONGLY AS TREMOR ON MAR 23								
	SEE FIGURE 13 FOR DISTRIBUTION OF FELT REPORTS.								
	500 KM E FROM SES								
	DEPTH = 5. KM(G) (EPB)								
MAY 15	06 21 12.(1)	52.45 N(0.06)	105.44 W(0.09)	1.8	MN=2.3(0.1)	5	10	4	F
	CENTRAL SASKATCHEWAN, NEAR CUDWORTH								
	340 KM SW FROM FFC								
NOV 7	12 27 15.(1)	50.82 N(0.03)	101.99 W(0.04)	0.5	MN=3.0(0.1)	3	8	2	F
	EAST-CENTRAL SASKATCHEWAN, NEAR ESTERHAZY								
	FELT(IV) AT YARBO NEAR ESTERHAZY								
	430 KM S FROM FFC								
	DEPTH = 5. KM(G) (EPB)								

TABLE 5

UNLOCATED EVENTS RECORDED AT ALB

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 12	12 54 15.	82	ML=1.6	ALSO AT VIC
JAN 22	00 17 21.	56	ML=1.1	NOISY RECORD. ALSO AT VIC, POOR AT HYC
JAN 24	00 39 24.	20	ML=0.6	POOR AT VIC
JAN 27	08 25 53.	82	ML=2.0	ALSO AT VIC
JAN 28	18 49 22.	93	ML=1.8	POOR AT VIC. NOT AT HYC
FEB 12	01 12 28.	21	ML=0.0	POSSIBLE BLAST. NOT RECORDED ELSEWHERE
FEB 12	01 43 47.	20	ML=-.0	POSSIBLE BLAST. NOT RECORDED ELSEWHERE
APR 25	01 39 06.	82	ML=1.1	NOT RECORDED ELSEWHERE
JUL 10	14 29 06.	82	ML=1.9	POOR AT PIB
SEP 23	11 47 40.	64	ML=1.4	POOR AT VIC
OCT 26	21 49 54.	16	ML=0.5	POSSIBLE BLAST
NOV 2	22 17 21.	16	ML=0.4	POSSIBLE BLAST
NOV 24	23 39 35.	16	ML=0.4	POSSIBLE BLAST

TABLE 6

UNLOCATED EVENTS RECORDED AT ALE

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	11 08 08.	988	ML=3.7	NO LG, ARCTIC OCEAN
JAN 3	12 45 31.	272	ML=2.2	
JAN 3	16 41 16.	878	ML=3.8	NO LG, ARCTIC OCEAN. POOR AT RES
JAN 6	08 24 15.	404	ML=2.7	
JAN 29	20 29 23.	371	ML=2.6	NO LG, ARCTIC OCEAN
JAN 31	01 20 50.	371	ML=2.5	NO LG, ARCTIC OCEAN
FEB 5	06 36 27.	757	ML=3.5	NO LG, ARCTIC OCEAN. DISTANCE UNCERTAIN. POOR AT RES
FEB 5	07 16 48.	393	ML=2.6	POOR LG, PROBABLY NORTHERN GREENLAND OR ELLESMERE ISLAND
FEB 13	14 05 58.	977	ML=4.1	NO LG, ARCTIC OCEAN
FEB 24	05 13 05.	812	ML=3.4	NO LG, ARCTIC OCEAN
FEB 28	01 40 59.	327	ML=2.2	POOR LG, PROBABLY NORTHERN GREENLAND
FEB 29	20 49 51.	933	ML=3.3	NO LG, ARCTIC OCEAN
FEB 29	23 19 04.	982	ML=3.8	NO LG, ARCTIC OCEAN. P AT DAG 23 20 11.6
MAR 9	13 46 53.	132	ML=1.5	
MAR 12	09 07 32.	867	ML=3.7	NO LG, ARCTIC OCEAN
MAR 12	41 20 39.	133	ML=1.5	
MAR 14	06 06 56.	404	ML=2.8	FORESHOCK. POOR AT RES. SEE TABLE 2A ON MAR 15
MAR 14	19 57 29.	184	ML=1.6	
MAR 15	09 08 50.	371	ML=2.6	AFTERSHOCK. SEE TABLE 2A
MAR 15	10 58 14.	377	ML=2.6	AFTERSHOCK. SEE TABLE 2A
MAR 27	01 41 15.	470	ML=2.6	NO LG, ARCTIC OCEAN
APR 6	05 38 02.	153	ML=1.5	
APR 10	01 08 24.	1319	MN=3.0	PROBABLY GREENLAND. ALSO AT KTG IP 01 07 08.1
APR 29	23 46 12.	283	ML=2.0	NO LG, ARCTIC OCEAN
MAY 4	07 07 07.	502	MN=2.5	PROBABLY EASTERN GREENLAND
MAY 8	07 21 59.	790	ML=3.2	NO LG, ARCTIC OCEAN
MAY 10	03 19 16.	779	ML=3.6	NO LG, ARCTIC OCEAN
MAY 10	12 51 05.	476	ML=3.0	PROBABLY ELLESMERE ISLAND. ALSO AT RES, NOT AT MBC
MAY 24	15 18 50.	162	ML=1.9	
MAY 31	04 40 12.	768	ML=3.4	NO LG, ARCTIC OCEAN
JUN 15	19 48 47.	525	ML=3.2	NO LG, ARCTIC OCEAN
JUL 1	00 29 56.	790	ML=3.7	NO LG, ARCTIC OCEAN
JUL 5	09 12 33.	922	ML=3.5	NO LG, ARCTIC OCEAN
JUL 10	06 38 08.	38	ML=1.3	SOUTHEAST OF ALE
JUL 13	12 36 56.	801	ML=3.6	NO LG, ARCTIC OCEAN
JUL 24	17 52 22.	927	ML=3.6	NO LG, ARCTIC OCEAN
JUL 25	01 24 32.	988	ML=3.6	NO LG, ARCTIC OCEAN
JUL 27	08 15 21.	786	ML=3.3	NO LG, ARCTIC OCEAN. ALSO AT DAG P 08 16 42.4
AUG 18	01 29 09.	151	ML=1.6	
AUG 27	19 35 41.	179	ML=1.6	
AUG 30	20 20 20.	613	ML=3.3	NO LG, ARCTIC OCEAN
SEP 16	01 04 05.	779	ML=4.3	THIS IS THE LARGEST OF SEVERAL UNLOCATED EVENTS NORTH OF GREENLAND BETWEEN 01 AND 06H. SEE TABLE 2C.

SEP 17	22 53 18.	757	ML=3.5	ARCTIC OCEAN, NO LG
SEP 18	04 13 51.	658	ML=3.8	PROBABLY NORTHERN GREENLAND. ALSO AT DAG IP 04 15 16.3
SEP 28	22 22 45.	823	ML=3.9	ARCTIC OCEAN, NO LG
OCT 4	02 04 26.	481	ML=2.6	ARCTIC OCEAN. NO LG
OCT 4	02 48 56.	790	ML=3.0	ARCTIC OCEAN. NO LG. ALSO AT DAG P 02 49 21.8
OCT 5	07 05 22.	1093	MN=3.0	POSSIBLY WESTERN GREENLAND. LG RECORDED.
OCT 27	14 09 26.	99	ML=1.3	FROM AN E-W DIRECTION
NOV 6	07 01 03.	1450	ML=4.2	ARCTIC OCEAN, NO LG
NOV 8	03 32 38.	602	ML=3.3	ARCTIC OCEAN, NO LG. ALSO AT DAG IP 03 34 00.
NOV 27	04 37 59.	779	ML=4.0	ARCTIC OCEAN, NO LG
DEC 7	03 55 44.	133	ML=1.4	
DEC 12	15 05 48.	889	ML=3.6	ARCTIC OCEAN, NO LG.
DEC 13	08 05 50.	133	ML=1.4	
DEC 15	10 40 18.	757	ML=3.3	NO LG, ARCTIC OCEAN.
DEC 15	16 46 55.	514	ML=2.6	DISTANCE UNCERTAIN. NO LG, ARCTIC OCEAN.
DEC 23	07 01 35.	344	ML=2.5	
DEC 24	05 48 30.	812	ML=3.3	ARCTIC OCEAN, NO LG.
DEC 25	23 34 46.	102	ML=2.0	POOR AT RES. WEST OF ALE

TABLE 7

UNLOCATED EVENTS RECORDED AT BLC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 19	22 10 58.	309	ML=2.6	
AUG 25	01 18 24.	249	ML=2.4	DISTANCE UNCERTAIN. NOT AT IGL

TABLE 8

UNLOCATED EVENTS RECORDED AT CHQ

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
0				NOT OPERATING FROM MAY 15-25.
JUL 21	17 23 55.	122	ML=1.3	ALSO AT POC

TABLE 9

UNLOCATED EVENTS RECORDED AT EDM

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 25	19 26 33.	171	ML=1.5	AFTERSHOCK OF EVENT OF 24 JAN 16H. SEE TABLE 3A
JAN 26	19 38 29.	183	ML=2.2	LARGEST OF 7 AFTERSHOCKS THIS DAY. SEE TABLE 3A
FEB 8	18 48 34.	179	ML=1.7	SOUTHWEST OF EDM. POOR AT MCC AND PNT POSSIBLE FORESHOCK. SEE TABLE 3A.
MAY 1	06 43 44.	170	ML=1.5	NOT AT MCC, FSJ. SES NOISE.
MAY 13	04 47 37.	183	ML=1.9	
MAY 13	06 26 14.	194	ML=2.2	
OCT 27	06 20 27.	163	ML=1.7	POOR AT SES
NOV 17	01 31 50.	179	ML=2.1	POOR AT SES AND PNT
NOV 29	03 28 22.	163	ML=1.6	POOR AT SES AND PNT
DEC 1	15 52 21.	163	ML=1.8	NOT RECORDED ELSEWHERE. RECORD CHANGE AT SES.
DEC 18	19 50 38.	179	ML=1.6	POSSIBLY NEAR ROCKY MOUNTAIN HOUSE. POOR AT SES.

TABLE 10

UNLOCATED EVENTS RECORDED AT FCC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAY 13	01 15 42.	198	ML=2.0	POOR AT FFC. POSSIBLY HUDSON BAY OFF CAPE TATNAM, MANITOBA

TABLE 11

UNLOCATED EVENTS RECORDED AT FRB

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 14	05 48 08.	195	ML=2.1	
JUN 10	03 01 18.	433	MN=2.8	BAFFIN ISLAND, POOR AT IGL
JUL 5	02 13 55.	261	ML=2.8	POSSIBLY LABRADOR SEA. NOT RECORDED ELSEWHERE
AUG 21	16 56 29.	204	ML=2.2	
AUG 30	14 47 57.	204	ML=2.4	NOT RECORDED ELSEWHERE

TABLE 12

UNLOCATED EVENTS RECORDED AT FSJ

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	06 12 15.	646	ML=3.2	ALSO AT PHC
JAN 2	01 15 36.	635	ML=3.3	ALSO AT PHC

TABLE 13

UNLOCATED EVENTS RECORDED AT HAL

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAR 16	11 32 46.	283	ML=2.6	DISTANCE UNCERTAIN. POSSIBLY ATLANTIC OCEAN

TABLE 14

UNLOCATED EVENTS RECORDED AT HYC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 7	09 11 58.	134	ML=1.6	ALSO AT VIC
JAN 18	14 44 44.	99	ML=1.7	ALSO AT VIC
JAN 28	23 01 40.	73	ML=1.2	NOT RECORDED ELSEWHERE
JAN 29	00 37 25.	49	ML=0.7	ALSO AT VIC, NOT AT ALB
FEB 3	07 30 19.	85	ML=1.3	ALSO AT VIC
FEB 29	13 30 51.	107	ML=1.5	
APR 5	05 32 56.	20	ML=0.1	NOT RECORDED ELSEWHERE
APR 24	10 00 59.	99	ML=1.5	POOR AT ALB AND PIB. NOISE AT VIC
APR 26	09 13 08.	86	ML=1.1	NOISE AT VIC AND ALB. NOT AT PIB
APR 26	09 42 22.	80	ML=1.4	NOISE AT VIC AND ALB. NOT AT PIB
APR 27	21 38 23.	40	ML=0.7	NOISE AT VIC AND ALB. NOT AT PIB
APR 27	22 53 16.	47	ML=1.0	NOISE AT VIC AND ALB. NOT AT PIB
MAY 23	12 53 17.	60	ML=1.2	POOR AT PIB
JUN 2	07 16 34.	60	ML=1.5	POSSIBLE BLAST. PIB NOT OPERATING
JUN 21	00 21 40.	107	ML=1.7	POOR AT VIC, PIB NOT OPERATING
JUL 10	02 48 37.	18	ML=0.8	
JUL 19	09 30 12.	31	ML=0.6	NOT RECORDED ELSEWHERE
JUL 28	21 29 34.	33	ML=0.4	NOT RECORDED ELSEWHERE
JUL 31	14 16 49.	37	ML=1.3	NOT RECORDED ELSEWHERE
AUG 2	14 34 34.	30	ML=0.5	
AUG 4	21 45 06.	34	ML=0.4	
AUG 4	23 28 14.	33	ML=0.2	
AUG 19	10 31 16.	11	ML=-.1	
AUG 23	16 07 46.	47	ML=1.0	NOT RECORDED ELSEWHERE
AUG 24	03 52 10.	107	ML=1.2	ALSO AT VIC, PIB MALFUNCTIONING
SEP 27	22 05 48.	48	ML=0.7	NOT RECORDED ELSEWHERE
SEP 27	23 19 02.	14	ML=-.1	NOT RECORDED ELSEWHERE
SEP 29	00 45 19.	42	ML=0.4	NOT RECORDED ELSEWHERE
OCT 19	04 15 02.	60	ML=1.0	ALSO AT VIC.
OCT 20	23 35 29.	28	ML=0.2	NOT RECORDED ELSEWHERE
NOV 19	22 41 23.	51	ML=0.7	NOT RECORDED ELSEWHERE
NOV 20	16 26 49.	116	ML=0.8	POOR AT VIC AND PIB
NOV 24	22 09 17.	121	ML=0.6	POOR AT ALB

NOV 30	09	32	08.	ML=0.6	
DEC 7	04	23	12.	ML=1.2	POORLY RECORDED ON REST OF WCTN.
DEC 7	11	38	31.	ML=0.8	

TABLE 15

UNLOCATED EVENTS RECORDED AT IGL

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 16	18	02	44.	305	ML=2.8	
JAN 18	20	34	06.	406	MN=3.1	POOR AT RES
FEB 17	16	25	49.	569	ML=3.2	ALSO AT RES, POOR AT FRB. BAFFIN ISLAND
MAY 7	11	38	38.	417	MN=2.5	POOR AT RES
MAY 9	09	45	20.	33	ML=0.4	
JUN 29	06	46	43.	277	ML=2.0	WEST OF IGL. POOR AT RES AND BLC
SEP 21	04	56	26.	73	ML=1.8	
SEP 23	01	08	08.	192	ML=1.7	DISTANCE UNCERTAIN. NOT RECORDED ELSEWHERE
NOV 21	19	42	57.	325	ML=2.1	DISTANCE UNCERTAIN. POOR AT FRB AND BLC

TABLE 16

UNLOCATED EVENTS RECORDED AT INK

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	13	21	17.	185	ML=2.0	
JAN 2	18	14	40.	201	ML=2.0	
JAN 10	06	28	16.	339	ML=2.8	POOR AT YKC, NORTHERN YUKON
JAN 11	03	33	13.	204	ML=2.2	
JAN 11	06	19	53.	204	ML=1.9	
JAN 12	06	58	04.	433	MN=2.5	
JAN 14	02	52	28.	198	ML=1.9	
JAN 18	21	20	28.	190	ML=2.3	
JAN 22	23	05	14.	150	ML=1.4	
JAN 23	23	42	44.	167	ML=1.8	
JAN 24	11	14	44.	249	ML=2.1	
JAN 28	07	17	22.	573	ML=3.1	ALSO AT WHC
JAN 29	17	01	04.	82	ML=1.2	
JAN 31	03	38	39.	230	ML=1.9	
JAN 31	05	38	43.	160	ML=1.3	
FEB 2	12	13	40.	217	ML=1.4	
FEB 4	15	42	23.	210	ML=2.1	
FEB 6	20	24	02.	163	ML=1.6	
FEB 10	03	02	35.	616	MN=2.3	NOT AT WHC, NORTHERN ALASKA
FEB 10	21	44	15.	203	ML=2.5	
FEB 13	14	04	37.	255	ML=1.8	
FEB 16	12	38	25.	228	ML=2.1	
FEB 19	23	53	08.	206	ML=2.3	
FEB 22	02	42	03.	327	ML=2.4	
FEB 24	02	16	18.	319	ML=2.3	
FEB 24	09	39	52.	459	MN=2.4	POSSIBLE FORESHOCK, SEE TABLE 2A ON FEB 25
FEB 26	05	18	31.	463	ML=2.8	POSSIBLE AFTERSHOCK, SEE TABLE 2A ON FEB 25
FEB 27	15	18	60.	217	ML=1.8	
FEB 28	05	09	01.	268	ML=2.0	
FEB 29	01	59	28.	211	ML=1.6	
FEB 29	20	25	35.	242	ML=1.8	
MAR 2	18	18	42.	174	ML=1.8	
MAR 5	03	27	37.	416	MN=2.9	PROBABLY NORTHERN ALASKA
MAR 7	00	13	25.	158	ML=1.8	
MAR 7	09	03	29.	338	ML=2.4	POOR AT YKC. NOT AT WHC
MAR 7	20	06	22.	671	ML=2.9	ALSO AT WHC
MAR 7	20	18	46.	164	ML=1.6	SOUTHWEST OF INK
MAR 8	06	41	06.	201	ML=1.4	
MAR 15	17	08	22.	294	ML=2.3	NORTHERN YUKON
MAR 17	18	57	04.	173	ML=2.0	FORESHOCK. SEE TABLE 2A
MAR 18	00	17	03.	206	ML=2.9	AFTERSHOCK. SEE TABLE 2A ON MAR 17
MAR 19	20	02	18.	224	ML=2.5	
MAR 20	00	51	23.	173	ML=2.4	
MAR 20	23	07	30.	261	ML=2.1	NORTHERN YUKON
MAR 21	22	21	05.	190	ML=1.9	
MAR 23	00	51	55.	158	ML=2.2	

MAR	23	04	16	41.	124	ML=1.3
MAR	23	08	15	38.	192	ML=1.5
MAR	25	08	13	27.	204	ML=1.4
MAR	25	09	41	19.	344	ML=2.3
MAR	25	22	21	26.	321	ML=3.2 DISTANCE UNCERTAIN. NOT RECORDED ELSEWHERE PROBABLY NORTHERN YUKON
MAR	28	04	35	35.	198	ML=0.9
MAR	31	11	01	42.	217	ML=1.8
APR	2	01	55	35.	249	ML=2.2
APR	4	03	51	34.	209	ML=2.0
APR	4	04	14	18.	184	ML=2.3
APR	4	16	49	52.	217	ML=1.5 DISTANCE UNCERTAIN
APR	4	18	07	41.	211	ML=1.8
APR	5	09	07	06.	124	ML=0.9
APR	5	16	45	25.	215	ML=1.2
APR	5	23	56	02.	268	ML=2.0
APR	6	11	33	23.	192	ML=1.3
APR	8	05	15	49.	192	ML=1.3
APR	11	20	30	23.	547	MN=2.0 DISTANCE UNCERTAIN, NORTHERN ALASKA
APR	12	16	22	52.	174	ML=3.4 POOR AT YKC, NOISE AT WHC. SOUTHWEST OF INK
APR	13	08	52	06.	250	ML=1.8
APR	14	08	49	55.	294	ML=2.2
APR	14	13	33	42.	206	ML=1.9
APR	23	07	25	59.	203	ML=3.1 POOR AT YKC AND WHC. SOUTHWEST OF INK
APR	26	07	35	54.	281	ML=3.0 PROBABLY SOUTHWEST OF INK
APR	28	20	52	40.	276	ML=2.1
APR	30	11	57	21.	180	ML=2.1 AFTERSHOCK. SEE TABLE 2A
APR	30	12	05	55.	180	ML=2.7 AFTERSHOCK. SEE TABLE 2A
MAY	1	04	11	23.	169	ML=1.3
MAY	1	05	10	43.	166	ML=1.3
MAY	2	02	28	45.	194	ML=1.8
MAY	2	17	14	15.	179	ML=1.3
MAY	2	22	20	08.	167	ML=1.7
MAY	4	05	56	17.	343	ML=2.9 PROBABLY NORTHERN YUKON. POOR AT YKC
MAY	4	11	25	29.	885	MN=2.8 ALASKA
MAY	4	13	11	26.	207	ML=1.8
MAY	5	02	47	59.	191	ML=2.7 LARGEST OF THREE AFTERSHOCKS. SEE TABLE 2A
MAY	5	04	37	54.	476	MN=2.9 PROBABLY ALASKA
MAY	5	12	22	17.	239	ML=2.3
MAY	6	00	08	24.	195	ML=2.3 LARGEST OF TWO AFTERSHOCKS. SEE TABLE 2A
MAY	7	15	06	23.	195	ML=2.0
MAY	12	04	27	51.	261	ML=2.0
MAY	12	18	48	49.	195	ML=2.6
MAY	13	09	39	60.	195	ML=3.0 NORTHERN YUKON. POOR AT YKC, NOT AT WHC
MAY	13	12	25	46.	195	ML=2.2
MAY	14	21	56	10.	158	ML=2.1 SOUTHWEST OF INK
MAY	14	23	03	40.	150	ML=2.4 SOUTHWEST OF INK
MAY	15	17	39	45.	977	MN=2.8 PROBABLY ALASKA. POOR AT WHC, NOT AT YKC
MAY	16	12	00	17.	192	ML=1.5 DISTANCE UNCERTAIN
MAY	16	18	16	31.	169	ML=1.7 SOUTHWEST OF INK
MAY	19	03	18	54.	176	ML=2.2
MAY	19	22	23	08.	332	ML=2.5
MAY	21	01	36	02.	169	ML=2.0
MAY	21	17	01	38.	175	ML=1.6
MAY	23	07	37	16.	182	ML=1.7
						NO RECORDS 23 MAY 10H TO 24 MAY 10H
MAY	25	06	18	05.	284	ML=1.8 DISTANCE UNCERTAIN
MAY	28	10	33	28.	250	ML=2.1
JUN	1	04	23	27.	215	ML=2.3
JUN	1	06	49	36.	393	ML=1.9 DISTANCE UNCERTAIN
JUN	2	00	53	35.	173	ML=1.8
JUN	2	05	48	37.	107	ML=2.3
JUN	2	06	56	07.	305	ML=1.5
JUN	3	02	57	31.	270	ML=2.9 DISTANCE UNCERTAIN. PROBABLY NORTHERN YUKON
JUN	5	21	09	24.	245	ML=2.1
JUN	6	23	56	50.	163	ML=1.7 SOUTHWEST OF INK. POSSIBLE BLAST
JUN	11	04	22	31.	196	ML=1.8
JUN	11	06	33	37.	175	ML=1.8
JUN	17	11	21	38.	348	ML=2.9 NORTHERN YUKON OR ALASKA. ALSO AT MBC
JUN	17	19	24	17.	184	ML=1.9
JUN	19	11	32	29.	184	ML=1.5
JUN	25	20	07	46.	280	ML=2.8 DISTANCE UNCERTAIN

JUN	27	00	31	30.	164	ML=2.1 SOUTHWEST OF INK
JUN	27	00	57	56.	217	ML=2.5
JUN	27	05	35	16.	256	ML=1.6 DISTANCE UNCERTAIN
JUN	30	00	59	51.	167	ML=1.7
JUL	2	00	12	59.	310	ML=2.5 DISTANCE UNCERTAIN
JUL	4	06	41	12.	223	ML=1.7
JUL	5	06	42	13.	198	ML=1.3
JUL	6	08	59	13.	278	ML=2.1 ALSO AT MBC. PROBABLY BEAUFORT SEA. MAGNITUDE UNCERTAIN
JUL	7	06	46	54.	228	ML=1.9
JUL	8	06	13	05.	280	ML=2.3
JUL	9	00	06	52.	250	ML=2.1 DISTANCE UNCERTAIN
JUL	10	05	01	53.	261	ML=2.1
JUL	10	06	38	45.	167	ML=2.0 POSSIBLE BLAST
JUL	11	14	08	03.	166	ML=1.5
JUL	14	11	25	11.	206	ML=2.1
JUL	16	05	18	32.	179	ML=2.5
JUL	17	20	00	15.	195	ML=2.0
JUL	18	02	48	37.	172	ML=1.8
JUL	18	03	50	38.	539	ML=2.8 PROBABLY SOUTHWEST OF INK. POOR AT WHC
JUL	18	21	32	35.	150	ML=2.3 POSSIBLE BLAST
JUL	21	17	08	57.	73	ML=2.0
JUL	22	10	29	33.	404	ML=2.6 DISTANCE UNCERTAIN
JUL	22	17	53	18.	172	ML=1.8
JUL	24	08	33	50.	192	ML=1.9 AFTERSHOCK. SEE TABLE 2A
JUL	24	09	47	39.	182	ML=2.0 AFTERSHOCK. SEE TABLE 2A
JUL	24	11	16	23.	199	ML=2.4 AFTERSHOCK. SEE TABLE 2A
JUL	25	01	41	36.	179	ML=1.8 AFTERSHOCK. SEE TABLE 2A
JUL	27	02	18	07.	188	ML=1.4 POSSIBLE BLAST
JUL	29	02	06	16.	173	ML=1.9 POSSIBLE BLAST
JUL	29	09	27	33.	169	ML=1.1
JUL	30	09	47	35.	331	ML=1.9 DISTANCE UNCERTAIN
JUL	31	15	41	35.	325	ML=2.0 DISTANCE UNCERTAIN
JUL	31	21	12	06.	217	ML=1.8 DISTANCE UNCERTAIN
JUL	31	22	29	45.	223	ML=1.4
AUG	3	21	01	27.	319	ML=2.0 DISTANCE UNCERTAIN
AUG	7	18	09	16.	944	ML=3.8 ALSO AT MBC, PROBABLY OFF NORTHWESTERN ALASKA
AUG	8	12	30	35.	230	ML=2.0
AUG	18	00	18	45.	171	ML=1.9 POSSIBLE BLAST
AUG	22	13	36	47.	406	MN=2.3 DISTANCE UNCERTAIN
AUG	22	22	47	18.	175	ML=1.8
AUG	24	22	19	52.	184	ML=1.7 POSSIBLE BLAST
AUG	25	02	26	31.	172	ML=2.1 POSSIBLE BLAST
AUG	26	16	58	44.	166	ML=1.6 POSSIBLE BLAST
AUG	27	20	30	01.	107	ML=2.0
AUG	28	04	52	22.	176	ML=1.7
AUG	28	07	04	30.	177	ML=2.3
AUG	28	14	01	45.	167	ML=1.5
AUG	28	17	56	52.	268	ML=2.3 DISTANCE UNCERTAIN
AUG	30	20	53	31.	174	ML=2.6 NORTHERN YUKON TERRITORY
AUG	30	21	00	24.	176	ML=1.6 POSSIBLE BLAST
SEP	1	00	40	46.	175	ML=1.5
SEP	1	21	38	47.	309	ML=2.2
SEP	4	13	14	24.	305	ML=2.0
SEP	4	23	54	56.	340	ML=2.7
SEP	6	14	53	38.	204	ML=2.2
SEP	7	00	08	25.	184	ML=1.7
SEP	13	12	47	21.	180	ML=2.0
SEP	13	13	25	59.	230	ML=2.1
SEP	13	17	54	57.	184	ML=1.7 POSSIBLE BLAST
SEP	14	21	04	04.	201	ML=1.8
SEP	15	15	16	32.	191	ML=2.3
SEP	16	21	23	06.	357	ML=3.2 POOR AT WHC, PROBABLY EAST-CENTRAL YUKON
SEP	22	23	33	44.	184	ML=1.8 POSSIBLE BLAST
SEP	30	00	30	11.	135	ML=1.6
SEP	30	22	40	19.	236	ML=2.0
SEP	30	23	43	39.	172	ML=1.9
OCT	1	10	04	24.	174	ML=1.7
OCT	2	23	11	24.	217	ML=1.8 DISTANCE UNCERTAIN
OCT	3	08	01	12.	223	ML=1.7
OCT	3	09	51	26.	261	ML=1.8
OCT	3	10	01	47.	268	ML=1.8
OCT	4	14	18	56.	211	ML=1.6 DISTANCE UNCERTAIN
OCT	5	12	04	58.	300	ML=3.0 POOR AT WHC
OCT	7	19	53	57.	184	ML=1.8

OCT	9	10	40	40.	166	ML=2.1
OCT	10	21	08	43.	180	ML=1.7 POSSIBLE BLAST
OCT	11	19	36	14.	166	ML=1.5
OCT	14	23	12	05.	175	ML=1.8 POSSIBLE BLAST.
OCT	15	09	37	39.	276	ML=3.0 NORTHEAST OF INK. ALSO AT MBC
OCT	16	09	02	37.	184	ML=1.3
OCT	16	12	32	42.	349	ML=2.1 BEAUFORT SEA. ALSO AT MBC.
OCT	16	19	27	43.	166	ML=2.0
OCT	17	01	45	21.	272	ML=2.4
OCT	17	17	07	23.	175	ML=1.6 POSSIBLE BLAST.
OCT	18	02	46	09.	369	ML=2.8 POOR AT WHC
OCT	19	23	37	27.	184	ML=2.1 POSSIBLE BLAST
OCT	20	18	04	56.	172	ML=1.7
OCT	21	11	21	06.	293	ML=1.9 POOR EVENT. DISTANCE UNCERTAIN
OCT	22	02	57	32.	226	ML=2.0
OCT	24	06	08	25.	198	ML=2.8 PROBABLY SSW OF INK
OCT	30	22	51	43.	201	ML=2.0 SOUTHWEST OF INK. POSSIBLE BLAST
NOV	3	02	09	24.	283	ML=2.8 PROBABLY NORTHERN YUKON
NOV	3	02	30	34.	261	ML=2.3 PROBABLY NORTHERN YUKON
NOV	3	17	20	20.	188	ML=2.4 POSSIBLE BLAST
NOV	4	21	14	16.	415	ML=2.6 DISTANCE UNCERTAIN.
NOV	5	12	45	10.	192	ML=2.0
NOV	6	03	26	08.	230	ML=1.9
NOV	6	18	58	35.	184	ML=2.4 POSSIBLE BLAST
NOV	9	00	17	12.	325	ML=2.2
NOV	10	04	43	27.	179	ML=1.4
NOV	11	22	40	57.	195	ML=1.6
NOV	12	06	06	31.	185	ML=1.4 DISTANCE UNCERTAIN.
NOV	12	07	10	19.	249	ML=2.1
NOV	16	12	48	29.	171	ML=1.1
NOV	16	16	35	38.	189	ML=1.5
NOV	17	22	38	37.	195	ML=1.1
NOV	18	13	56	28.	188	ML=2.3
NOV	21	12	53	01.	349	ML=2.5 ALSO AT MBC
NOV	22	13	58	29.	156	ML=2.5 POSSIBLY NORTHEAST OF INK
NOV	23	01	05	28.	338	ML=2.5 POSSIBLE FORESHOCK OF EVENT AT 01H 07M (SEE TABLE 2A)
NOV	24	13	18	40.	82	ML=1.1
NOV	27	03	42	39.	603	ML=3.0 DISTANCE UNCERTAIN. CENTRAL ALASKA. NOT AT MBC
NOV	27	07	39	38.	207	ML=1.9
NOV	29	00	02	27.	222	ML=1.6 DISTANCE UNCERTAIN
DEC	3	22	59	57.	388	ML=2.1 DISTANCE UNCERTAIN
DEC	4	06	32	07.	120	ML=1.9
DEC	4	12	30	44.	749	ML=3.6 ALASKA. ALSO AT WHC.
DEC	6	17	56	44.	204	ML=1.8
DEC	10	12	27	13.	459	ML=2.8 NO LG, NOT AT MBC.
DEC	13	05	16	21.	172	ML=2.0
DEC	13	17	18	49.	217	ML=2.0
DEC	18	05	27	58.	179	ML=2.2
DEC	22	22	42	25.	735	ML=2.9 DISTANCE UNCERTAIN. NOT AT MBC.
DEC	23	06	37	31.	239	ML=1.9
DEC	27	19	32	50.	287	ML=2.4
DEC	28	01	41	04.	223	ML=2.0 DISTANCE UNCERTAIN.
DEC	28	01	58	49.	207	ML=1.5
DEC	29	18	05	41.	242	ML=1.5 DISTANCE UNCERTAIN.
DEC	30	10	37	23.	228	ML=1.7
DEC	30	18	05	38.	547	ML=2.8 PROBABLY NORTHERN ALASKA. POOR AT MBC.
DEC	30	23	01	47.	129	ML=1.9
DEC	30	23	09	30.	126	ML=1.7
DEC	31	02	06	18.	382	ML=2.4 DISTANCE UNCERTAIN.
DEC	31	20	50	58.	255	ML=1.7 DISTANCE UNCERTAIN.
DEC	31	23	55	02.	220	ML=2.2

TABLE 17

UNLOCATED EVENTS RECORDED AT LMQ

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
NOV 5	20 29 57.	32	ML=0.5	NOT RECORDED ELSEWHERE, POC NOISY
NOV 6	02 31 34.	50	ML=0.5	
NOV 9	01 22 21.	50	ML=1.1	

NOV	12	20	34	26.	112	ML=2.0 NOISE AT POC
NOV	14	13	02	53.	17	ML=1.5 ALSO AT POC
NOV	16	01	43	29.	31	ML=0.1
NOV	17	10	28	01.	9	ML=0.3
NOV	17	11	29	53.	9	ML=-.1
NOV	18	21	52	42.	27	ML=1.6
NOV	24	14	43	19.	37	ML=0.5
NOV	25	23	01	27.	10	ML=0.3
NOV	27	02	49	41.	196	ML=1.6 DISTANCE UNCERTAIN. NOT AT POC OR MNQ
NOV	27	22	20	46.	51	ML=0.7
NOV	30	15	21	27.	18	ML=0.9
DEC	1	07	18	48.	31	ML=0.9
DEC	14	18	23	04.	39	ML=1.3
DEC	24	13	19	50.	24	ML=0.7
DEC	24	16	42	42.	30	ML=0.9 POOR AT POC.
DEC	31	08	16	21.	22	ML=0.6 NOT RECORDED ELSEWHERE.

TABLE 18

UNLOCATED EVENTS RECORDED AT MBC

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	08	20	54.	69	ML=1.3	
JAN 17	15	45	19.	73	ML=1.4	
JAN 17	21	06	28.	347	ML=2.4	ALSO AT RES
JAN 18	19	02	11.	40	ML=1.2	
JAN 21	19	43	45.	426	ML=2.4	ALSO AT RES, PROBABLY NORTHEAST OF MBC
JAN 23	11	39	21.	338	ML=2.2	ALSO AT RES
JAN 27	04	02	34.	107	ML=1.0	
JAN 27	08	01	16.	217	ML=1.5	POOR EVENT
FEB 22	11	30	03.	603	ML=3.1	NO LG, ARCTIC OCEAN. ALSO AT RES, POOR AT ALE
FEB 24	06	47	23.	333	ML=2.1	ALSO AT RES
FEB 24	13	13	50.	107	ML=0.7	
FEB 24	13	25	27.	116	ML=1.2	
FEB 24	13	27	06.	116	ML=0.9	
FEB 26	13	47	08.	133	ML=2.4	PROBABLY NORTHEAST OF MBC
FEB 29	12	14	40.	338	ML=2.1	ALSO AT RES
MAR 6	14	53	16.	56	ML=1.2	POSSIBLY NOISE. EAST OF MBC
MAR 7	00	28	57.	338	ML=1.6	ALSO AT RES
MAR 31	07	16	44.	349	ML=2.3	ALSO AT RES
APR 27	16	07	22.	73	ML=1.1	
MAY 2	09	50	59.	916	ML=3.4	NO LG, ARCTIC OCEAN. POOR AT RES
MAY 4	08	50	37.	134	ML=1.7	
MAY 12	11	45	23.	432	ML=2.4	NO LG, ARCTIC OCEAN. ALSO AT RES, NOT AT ALE
MAY 16	11	10	11.	52	ML=1.6	
MAY 19	03	26	49.	223	ML=2.0	
JUN 17	11	21	38.	1329	ML=3.0	ALSO RECORDED AT INK
JUN 17	18	33	21.	73	ML=0.9	
JUN 28	07	04	07.	305	ML=1.6	DISTANCE UNCERTAIN
JUN 30	23	38	46.	64	ML=0.8	DISTANCE UNCERTAIN
JUL 4	06	54	07.	47	ML=0.3	
JUL 6	08	59	11.	702	ML=3.0	ALSO AT INK
JUL 9	21	55	57.	107	ML=1.2	
JUL 10	04	59	21.	107	ML=1.3	
JUL 10	10	05	38.	124	ML=2.0	
JUL 11	05	34	58.	107	ML=1.2	
JUL 11	18	08	38.	116	ML=1.4	
JUL 12	18	03	02.	124	ML=1.3	
JUL 19	04	13	19.	116	ML=1.5	
JUL 19	04	34	14.	107	ML=0.8	
JUL 24	06	21	12.	150	ML=1.4	
AUG 3	01	04	19.	113	ML=1.7	
AUG 3	20	42	52.	116	ML=1.7	
AUG 7	18	09	20.	1505	ML=3.8	ALSO AT INK
AUG 24	10	17	45.	369	ML=2.7	ALSO AT RES, POOR AT BLC. NORTHEAST OF MELVILLE ISLAND
SEP 2	09	28	02.	21	ML=1.0	
SEP 12	16	02	52.	99	ML=2.0	SOUTHWEST OF MBC
SEP 12	21	17	52.	278	ML=1.7	
SEP 14	03	15	40.	95	ML=1.7	
SEP 16	16	41	15.	327	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
SEP 24	20	05	32.	162	ML=1.4	
OCT 15	09	37	36.	735	ML=3.2	ALSO AT INK

OCT	16	12 32 39.	663	ML=2.6	BEAUFORT SEA. ALSO AT INK
OCT	25	07 50 18.	338	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
OCT	25	08 23 36.	338	ML=1.8	POOR AT RES
OCT	25	19 40 04.	327	ML=1.7	POOR AT RES
OCT	25	19 41 47.	338	ML=1.9	POOR AT RES
OCT	30	14 48 34.	60	ML=2.1	NORTH OF MBC. LARGEST OF 17 SIMILIAR EVENTS THIS DAY
NOV	12	00 31 20.	324	ML=2.5	ALSO AT RES
NOV	12	22 28 36.	360	ML=2.5	ALSO AT RES, POOR AT BLC
NOV	16	20 16 29.	184	ML=1.8	
NOV	20	06 01 28.	107	ML=2.0	
NOV	21	12 53 03.	520	ML=2.6	ALSO AT INK
NOV	22	12 52 41.	197	ML=1.8	NOT RECORDED ELSEWHERE
NOV	26	02 11 19.	338	ML=1.9	ALSO AT RES
DEC	14	10 50 56.	179	ML=1.5	

TABLE 19

UNLOCATED EVENTS RECORDED AT MIQ

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 25	20 57 43.	57	ML=0.8	
JAN 30	08 15 26.	24	ML=0.1	
FEB 2	16 10 11.	33	ML=1.0	AFTERSHOCK. SEE TABLE 1A THIS DAY AT 14H
FEB 29	11 56 17.	73	ML=0.8	
MAR 9	06 11 02.	29	ML=0.6	
APR 13	15 40 07.	132	ML=2.0	POOR AT OTT, NOT AT MNT
APR 14	16 15 49.	32	ML=0.7	
APR 16	16 18 22.	28	ML=0.5	
JUN 11	00 05 41.	32	ML=1.5	
OCT 14	18 16 02.	24	ML=1.3	
OCT 23	07 18 55.	17	ML=1.1	POOR AT OTT

TABLE 20

UNLOCATED EVENTS RECORDED AT MNQ

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 5	10 37 51.	75	ML=0.9	
JAN 15	16 39 13.	162	ML=1.3	
JAN 16	19 13 11.	156	ML=1.3	
JAN 17	10 08 34.	75	ML=1.2	
JAN 22	00 19 42.	239	ML=1.5	POSSIBLE FORESHOCK
JAN 22	01 03 24.	294	ML=3.0	POOR AT SCH, SIC NOT OPERATING. NOT AT UNB OR POC
JAN 30	00 10 18.	84	ML=1.7	
JAN 31	20 30 43.	147	ML=1.4	NOT AT SCH OR CHQ. DEAD TRACE AT SIC
FEB 3	05 11 28.	192	ML=2.0	POOR ONSET. NOT AT SCH, CHQ. SIC NOT OPERATING
FEB 3	17 01 31.	154	ML=1.2	
FEB 17	17 35 14.	75	ML=1.3	
FEB 20	23 51 55.	75	ML=1.2	
FEB 27	11 29 01.	75	ML=0.7	
FEB 27	21 35 16.	84	ML=1.3	
FEB 27	21 36 26.	80	ML=0.7	
MAR 2	08 03 09.	75	ML=1.5	LARGEST OF THREE EVENTS THIS DAY
MAR 9	21 40 45.	85	ML=1.7	
MAR 17	02 51 06.	75	ML=1.4	
APR 3	06 40 34.	97	ML=0.6	
MAY 1	17 36 10.	76	ML=1.8	
MAY 14	07 23 51.	192	ML=2.2	POOR AT SIC, S1 AT 24 20. DIST APPROX 100 KM
JUN 7	19 54 06.	140	ML=1.6	POSSIBLE BLAST, NOT RECORDED ELSEWHERE
JUL 4	03 57 01.	79	ML=1.0	
JUL 10	22 03 51.	150	ML=1.6	POSSIBLE BLAST
JUL 12	13 16 05.	175	ML=2.1	POSSIBLE BLAST
JUL 13	22 14 39.	175	ML=1.4	POSSIBLE BLAST
JUL 17	19 41 23.	79	ML=1.2	
JUL 21	10 46 27.	158	ML=1.6	POSSIBLE BLAST
JUL 22	13 15 48.	116	ML=0.8	POSSIBLE BLAST
JUL 29	23 37 30.	158	ML=0.9	POSSIBLE BLAST
AUG 2	21 59 05.	74	ML=0.9	
AUG 6	23 27 52.	75	ML=1.3	
AUG 28	16 44 37.	79	ML=1.3	

SEP	5	06	36	45.	76	ML=1.7 POOR AT SIC
SEP	18	13	19	24.	150	ML=1.3 POSSIBLE BLAST. SIC NOT OPERATING
SEP	18	13	34	03.	150	ML=1.5 POSSIBLE BLAST. SIC NOT OPERATING
SEP	22	21	33	11.	150	ML=1.2 POSSIBLE BLAST, ALSO AT SIC
OCT	12	02	38	39.	75	ML=0.4 MNQ NOT OPERATING FROM 30 OCT 17H TO 23 NOV 18H
DEC	22	20	32	51.	137	ML=1.6

TABLE 21

UNLOCATED EVENTS RECORDED AT PHC

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	06	12	10.	223	ML=3.0	LARGEST OF THREE UNLOCATED EVENTS, ALSO RECORDED AT FSJ POOR AT QCC MORE THAN 30 SMALLER EVENTS ARE VISIBLE AT PHC THIS DAY SEE TABLE 3A FOR 10 LOCATED EVENTS IN THIS SWARM
JAN 2	01	15	37.	184	ML=2.5	ALSO AT FSJ, POOR AT QCC FIVE SMALLER EVENTS ARE VISIBLE AT PHC THIS DAY SEE TABLE 3A FOR ONE LOCATED EVENT THIS DAY
JAN 16	08	09	24.	195	ML=2.6	
JAN 21	21	03	04.	17	ML=1.0	POSSIBLY SOUTH OF PHC. POSSIBLE BLAST
JAN 27	14	12	25.	186	ML=2.4	WEST OF PHC
JAN 27	16	37	15.	187	ML=2.3	WEST OF PHC
FEB 1	06	40	07.	173	ML=2.1	
FEB 1	11	22	54.	201	ML=2.6	OBSCURED BY TELESEISM AT VIC, QCC. WCTN NOT OPERATING
FEB 11	14	50	31.	184	ML=2.4	
FEB 12	18	48	16.	62	ML=1.8	
FEB 23	15	46	52.	255	ML=2.8	LARGEST OF SIX. ALSO AT QCC. SEE TABLE 3A.
FEB 24	00	27	42.	249	ML=2.9	LARGEST OF TWO. ALSO AT QCC
FEB 27	22	00	08.	242	ML=2.8	LARGEST OF FIVE UNLOCATED EVENTS THIS DAY. POOR AT QCC SEE TABLE 3A FOR THREE LOCATED EVENTS THIS DAY
FEB 28	01	41	08.	242	ML=2.9	LARGEST OF TWO UNLOCATED EVENTS THIS DAY. POOR AT QCC SEE TABLE 3A FOR SIX LOCATED EVENTS THIS DAY
FEB 29	01	54	01.	223	ML=2.4	LARGEST OF FIVE THIS DAY. POOR AT QCC
MAR 9	20	41	04.	82	ML=2.3	POSSIBLE BLAST. NOISE AT ALB
MAR 20	22	41	23.	179	ML=2.4	
MAR 24	08	11	24.	140	ML=2.9	POSSIBLE AFTERSHOCK. SEE TABLE 3A ON MAR 23. POOR AT ALB
MAR 25	12	43	45.	204	ML=2.4	
MAR 25	20	30	04.	18	ML=0.5	
MAR 26	14	47	58.	206	ML=2.5	
MAR 30	20	36	02.	184	ML=2.4	
APR 1	17	53	05.	184	ML=2.5	WEST OF PHC
APR 26	04	33	20.	193	ML=2.4	
APR 26	04	36	57.	195	ML=2.3	
APR 27	19	13	35.	206	ML=1.9	
APR 28	01	57	58.	162	ML=1.6	DISTANCE UNCERTAIN
MAY 1	06	11	12.	185	ML=1.7	
MAY 7	00	06	05.	179	ML=1.9	
MAY 9	11	31	12.	133	ML=2.6	NOT RECORDED ELSEWHERE
MAY 9	15	53	29.	195	ML=2.3	
MAY 9	17	23	53.	206	ML=2.6	
MAY 10	06	46	04.	228	ML=2.4	
MAY 13	23	37	16.	32	ML=1.3	POSSIBLE BLAST
MAY 19	23	34	03.	206	ML=2.0	
MAY 23	00	13	51.	206	ML=2.7	
JUN 6	07	41	05.	195	ML=2.0	LARGEST OF SEVEN THIS DAY. DISTANCE UNCERTAIN AFTERSHOCK. SEE TABLE 3A
JUN 7	05	16	59.	223	ML=2.7	LARGEST OF FIVE THIS DAY. DISTANCE UNCERTAIN AFTERSHOCK. SEE TABLE 3A
JUN 7	05	30	00.	206	ML=2.6	NOT AFTERSHOCK. ALSO AT QCC, POOR AT FSJ
JUN 8	20	04	36.	184	ML=2.7	
JUN 17	02	05	13.	184	ML=2.2	
JUN 24	15	39	54.	180	ML=2.1	WEST OF PHC
JUN 27	20	49	56.	140	ML=1.7	DISTANCE UNCERTAIN
JUN 29	19	53	38.	305	ML=1.9	DISTANCE UNCERTAIN
JUN 29	21	21	21.	173	ML=1.9	WEST OF PHC
JUL 5	22	55	11.	162	ML=2.1	
JUL 25	07	36	58.	179	ML=1.2	WEST OF PHC
JUL 27	05	31	60.	129	ML=1.6	DISTANCE UNCERTAIN

JUL	29	07	27	42.	183	ML=2.5 WEST OF PHC
JUL	30	13	52	45.	195	ML=1.8 FORESHOCK. SEE TABLE 3A
JUL	30	14	37	50.	195	ML=1.6 AFTERSHOCK. SEE TABLE 3A
JUL	31	19	16	38.	179	ML=1.8 DISTANCE UNCERTAIN
JUL	31	20	49	03.	190	ML=2.4 WEST OF PHC
JUL	31	21	11	18.	188	ML=2.0 WEST OF PHC
AUG	3	13	27	27.	190	ML=1.9
AUG	4	22	27	07.	195	ML=2.1
AUG	14	15	27	16.	206	ML=2.2
AUG	18	14	58	08.	64	ML=1.6
AUG	20	17	36	41.	189	ML=1.9
AUG	22	01	20	48.	166	ML=2.2
AUG	22	13	19	21.	146	ML=1.7
AUG	24	10	35	17.	197	ML=2.5 POOR AT QCC AND FSJ
AUG	26	00	30	45.	195	ML=1.7 DISTANCE UNCERTAIN
AUG	26	00	33	22.	173	ML=2.2
AUG	27	05	18	55.	96	ML=2.8 NOT RECORDED ELSEWHERE. SOUTH OR NORTH OF PHC
SEP	3	17	56	07.	206	ML=1.9 AFTERSHOCK OF 03 SEP 10H (TABLE 3A)
SEP	6	01	32	58.	206	ML=2.2 DISTANCE UNCERTAIN
SEP	6	22	33	26.	195	ML=2.6 WEST OF PHC
SEP	26	17	12	14.	173	ML=2.2 WEST OF PHC
SEP	27	15	53	35.	184	ML=2.6 WEST OF PHC
OCT	4	10	25	22.	208	ML=2.4 POOR AT FSJ
OCT	23	17	47	57.	188	ML=2.1
OCT	29	09	16	39.	184	ML=2.1 DISTANCE UNCERTAIN
OCT	31	01	32	40.	206	ML=2.1
OCT	31	01	34	28.	195	ML=2.1
NOV	9	23	44	18.	182	ML=2.8
NOV	11	00	48	57.	184	ML=2.5 WEST OF PHC.
NOV	12	06	39	46.	184	ML=2.2 WEST OF PHC.
NOV	19	03	03	41.	77	ML=2.2
NOV	28	07	13	42.	67	ML=1.5
DEC	7	03	47	51.	195	ML=2.4
DEC	20	22	01	44.	234	ML=2.7
DEC	21	00	13	20.	239	ML=2.6 FIRST OF SIX. SEE TABLE 3A
DEC	22	04	42	38.	184	ML=1.9
DEC	22	08	24	51.	239	ML=2.7
DEC	24	04	06	29.	212	ML=2.3
DEC	24	22	03	40.	228	ML=2.2
DEC	26	11	01	51.	206	ML=2.1
DEC	30	22	00	10.	212	ML=1.7
DEC	31	03	40	40.	217	ML=2.1
DEC	31	18	55	48.	179	ML=2.6 AFTERSHOCK. SEE TABLE 3A

TABLE 22

UNLOCATED EVENTS RECORDED AT PIB

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
NOV 2	00 06 26.	11	ML=0.3	
DEC 25	12 12 56.	26	ML=1.1	POSSIBLE BLAST. POOR AT HYC.

TABLE 23

UNLOCATED EVENTS RECORDED AT PNT

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 12	23 36 21.	344	ML=2.9	POOR AT SES
MAR 29	12 36 35.	440	ML=3.5	WASHINGTON OR IDAHO. DISTANCE UNCERTAIN. POOR AT SES
MAY 8	08 39 25.	209	ML=1.7	NOT RECORDED ELSEWHERE
JUN 15	01 01 50.	336	ML=3.0	SOUTH OF PNT. NOT RECORDED ELSEWHERE
JUN 18	09 08 06.	192	ML=2.5	
JUL 2	01 35 56.	260	ML=2.0	NOT RECORDED ELSEWHERE
JUL 29	01 08 39.	185	ML=2.6	POSSIBLE BLAST, NOT RECORDED ELSEWHERE
AUG 3	02 02 47.	186	ML=1.9	PROBABLY SOUTH OF PNT. POOR AT SES
AUG 18	01 15 59.	188	ML=2.0	NOT RECORDED ELSEWHERE
AUG 27	03 07 30.	184	ML=2.3	POSSIBLE BLAST, NOT RECORDED ELSEWHERE
SEP 3	02 22 55.	192	ML=2.2	NOT RECORDED ELSEWHERE. POSSIBLE BLAST
OCT 10	02 41 29.	306	ML=2.2	DISTANCE UNCERTAIN. NOT RECORDED ELSEWHERE.
OCT 10	05 41 09.	477	ML=3.7	PROBABLY SOUTH OF PNT. POOR AT SES

DEC	4	17	23	32.	192	ML=1.9 NOT RECORDED ELSEWHERE.
DEC	13	08	47	29.	192	ML=2.3
DEC	19	13	38	12.	312	ML=2.8 DISTANCE UNCERTAIN. ALSO AT VIC

TABLE 24

UNLOCATED EVENTS RECORDED AT POC

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 7	07	40	37.	24	ML=1.3	POOR AT CHQ
MAR 13	07	02	20.	18	ML=0.5	
APR 16	19	00	30.	16	ML=0.7	POSSIBLE BLAST
MAY 4	11	48	28.	46	ML=1.5	
JUL 21	17	23	48.	11	ML=1.0	ALSO AT CHQ POC NOT OPERATING SEP 26 - 30
NOV 14	13	02	52.	22	ML=-.0	ALSO AT LMQ

TABLE 25

UNLOCATED EVENTS RECORDED AT QCC

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 26	20	57	48.	147	ML=3.0	NOT AT PHC OR FSJ, PROBABLY NORTHWEST OF QCC
JAN 29	02	26	55.	64	ML=2.2	
FEB 23	15	46	51.	223	ML=2.7	LARGEST OF SIX UNLOCATED EVENTS THIS DAY. ALSO AT PHC SEE TABLE 3A FOR SEVEN LOCATED EVENTS THIS DAY
FEB 24	00	27	41.	230	ML=2.9	LARGEST OF TWO THIS DAY. ALSO AT PHC
FEB 24	16	31	37.	272	ML=2.1	NOT RECORDED ELSEWHERE
MAR 13	13	18	03.	42	ML=1.8	
MAR 23	13	17	11.	140	ML=2.8	FORESHOCK. SEE TABLE 3A
MAR 23	16	42	43.	56	ML=2.5	
APR 1	14	08	23.	99	ML=2.5	
APR 20	08	15	01.	73	ML=1.9	
APR 27	19	47	48.	56	ML=1.6	
APR 27	21	53	33.	32	ML=1.2	
APR 27	23	22	13.	38	ML=2.1	
MAY 13	10	08	36.	56	ML=2.5	AFTERSHOCK. SEE TABLE 3A
MAY 13	11	59	04.	56	ML=1.8	AFTERSHOCK. SEE TABLE 3A
MAY 16	00	15	55.	63	ML=1.5	
MAY 16	05	17	12.	55	ML=1.2	
MAY 19	10	52	15.	151	ML=1.7	
MAY 30	03	19	42.	116	ML=3.2	NOT AT FSJ
MAY 30	08	09	28.	151	ML=2.3	
MAY 31	11	15	50.	116	ML=2.3	
JUN 7	05	29	58.	349	ML=3.4	ALSO AT PHC, DISTANCE UNCERTAIN
JUN 8	16	41	26.	56	ML=1.9	
JUN 18	00	40	54.	116	ML=3.0	FORESHOCK. SEE TABLE 3A
JUN 18	02	45	55.	116	ML=3.3	FORESHOCK. SEE TABLE 3A
JUL 3	17	16	48.	23	ML=1.1	
JUL 5	17	08	43.	23	ML=1.1	
JUL 9	18	26	20.	27	ML=1.5	
JUL 9	22	03	44.	60	ML=3.0	POOR AT FSJ, NOT AT PHC
JUL 9	22	43	13.	116	ML=2.8	
JUL 9	23	05	31.	64	ML=2.7	
JUL 9	23	07	49.	64	ML=2.1	
JUL 10	19	09	50.	82	ML=2.2	
JUL 11	04	25	57.	82	ML=1.9	
JUL 11	10	00	04.	73	ML=2.0	
JUL 21	10	15	33.	116	ML=2.3	
JUL 23	07	30	45.	56	ML=0.9	
AUG 1	07	41	03.	82	ML=1.3	
AUG 3	15	36	51.	90	ML=1.8	
AUG 3	18	57	10.	18	ML=0.5	
AUG 5	21	05	29.	228	ML=2.2	
AUG 10	00	23	11.	56	ML=2.1	
AUG 11	09	52	58.	96	ML=2.7	
AUG 17	17	18	36.	64	ML=1.4	
AUG 17	22	10	29.	32	ML=1.1	

AUG	17	22	49	41.	27	ML=1.4
SEP	5	03	28	15.	173	ML=2.6 POOR AT PHC
SEP	5	06	14	22.	64	ML=1.5
SEP	8	00	12	34.	60	ML=1.8
SEP	20	18	21	20.	73	ML=2.9 NOT RECORDED ELSEWHERE
SEP	23	22	55	48.	23	ML=1.5
SEP	29	18	57	34.	32	ML=1.7
OCT	2	05	14	51.	60	ML=2.1 POSSIBLE BLAST
OCT	7	01	59	35.	95	ML=2.0
OCT	13	10	23	19.	75	ML=2.5
OCT	13	16	34	50.	107	ML=2.3
OCT	21	23	06	03.	36	ML=1.1
OCT	23	20	23	20.	19	ML=0.9 POSSIBLE BLAST
OCT	23	23	49	47.	35	ML=1.2 POSSIBLE BLAST
OCT	27	18	51	02.	20	ML=0.8 POSSIBLE BLAST
OCT	29	16	50	50.	60	ML=2.0
OCT	30	20	19	44.	23	ML=1.1 POSSIBLE BLAST
NOV	6	23	40	16.	23	ML=1.6
NOV	11	21	58	31.	32	ML=1.0
NOV	17	01	46	14.	104	ML=2.2
NOV	18	22	40	52.	68	ML=1.4
NOV	26	00	13	07.	24	ML=0.9
NOV	27	20	39	32.	60	ML=1.8
DEC	2	22	56	34.	29	ML=1.0
DEC	18	14	47	51.	103	ML=1.9 DISTANCE UNCERTAIN.
DEC	21	15	06	21.	16	ML=0.8 DISTANCE UNCERTAIN.
DEC	27	12	59	29.	91	ML=2.2 DISTANCE UNCERTAIN.
DEC	29	04	14	58.	116	ML=1.9 DISTANCE UNCERTAIN.
DEC	31	20	41	29.	56	ML=1.3 DISTANCE UNCERTAIN.

TABLE 26

UNLOCATED EVENTS RECORDED AT RES

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 17	21 06 35.	371	ML=3.0	ALSO AT MBC
JAN 21	19 43 40.	724	ML=2.9	ALSO AT MBC
JAN 23	11 39 22.	382	ML=2.5	ALSO AT MBC
JAN 27	02 33 02.	90	ML=1.7	
JAN 30	10 16 01.	223	ML=1.4	FROM A N-S DIRECTION. POOR AT IGL, NOT AT BLC
FEB 2	18 52 16.	47	ML=0.0	MAGNITUDE UNCERTAIN, LESS THAN 3. POOR AT IGL AND BLC
FEB 12	13 23 09.	101	ML=1.0	
FEB 17	16 25 49.	746	ML=3.0	ALSO AT IGL
FEB 22	11 29 58.	878	ML=3.2	ALSO AT MBC
FEB 24	06 47 25.	382	ML=2.7	ALSO AT MBC
FEB 29	09 03 50.	52	ML=0.9	EAST OF RES
FEB 29	12 14 36.	407	ML=2.8	ALSO AT MBC
MAR 3	13 04 39.	266	ML=2.6	
MAR 4	21 52 50.	70	ML=1.8	AFTERSHOCK. SEE TABLE 2A. POOR AT IGL AND BLC
MAR 7	00 28 59.	382	ML=2.3	ALSO AT MBC
MAR 12	04 45 35.	64	ML=1.6	
MAR 22	21 30 39.	56	ML=1.7	
MAR 31	07 16 43.	400	MN=2.8	ALSO AT MBC
APR 5	10 47 13.	15	ML=1.2	POSSIBLY SOUTHEAST OF RES
APR 11	23 14 58.	47	ML=1.4	
APR 23	21 29 24.	51	ML=1.0	
MAY 5	19 19 17.	64	ML=2.0	
MAY 9	16 04 33.	47	ML=0.6	AFTERSHOCK. SEE TABLE 2A
MAY 10	12 51 03.	680	ML=3.3	ALSO AT ALE
MAY 10	14 07 05.	242	ML=1.9	NOT RECORDED ELSEWHERE
MAY 12	11 45 21.	702	ML=2.9	ALSO AT MBC
MAY 12	17 16 35.	47	ML=1.3	PROBABLY SOUTHEAST OF RES
MAY 18	01 04 08.	360	ML=2.0	DISTANCE UNCERTAIN
MAY 20	00 35 58.	148	ML=1.7	
JUN 7	02 01 08.	38	ML=0.8	
JUN 22	18 34 35.	99	ML=1.2	
JUN 26	19 25 16.	82	ML=1.1	
JUN 27	04 40 33.	99	ML=1.5	
JUL 18	04 46 02.	56	ML=1.0	
JUL 23	01 35 44.	42	ML=2.1	
JUL 24	06 56 11.	69	ML=1.4	
JUL 25	13 02 28.	27	ML=0.2	

JUL 27	07 58 25.	46	ML=1.3	PROBABLY EAST OF RES
AUG 24	10 17 44.	338	ML=2.7	ALSO AT MBC, POOR AT BLC
AUG 27	08 32 22.	351	ML=2.8	AFTERSHOCK. POOR AT MBC. SEE TABLE 3A.
SEP 2	13 48 28.	38	ML=1.6	AFTERSHOCK OF 01 SEP 21H 13M (TABLE 2A)
SEP 12	23 18 09.	56	ML=1.7	
SEP 15	01 43 36.	64	ML=1.4	
SEP 16	16 41 19.	382	ML=2.8	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
SEP 23	08 17 55.	38	ML=1.7	
SEP 24	01 10 15.	18	ML=1.1	
OCT 20	03 28 39.	77	ML=1.5	
OCT 22	11 01 01.	123	ML=1.0	PROBABLY NORTH OF RES
OCT 22	12 34 14.	124	ML=1.3	PROBABLY NORTH OF RES
OCT 24	18 32 52.	37	ML=1.1	
OCT 25	07 50 16.	415	ML=3.1	ALSO AT MBC
NOV 12	00 31 20.	384	ML=2.9	ALSO AT MBC
NOV 12	11 39 27.	99	ML=1.7	
NOV 12	22 28 41.	402	ML=3.1	ALSO AT MBC. NORTHEAST OF MELVILLE ISLAND
NOV 23	01 23 56.	153	ML=1.5	
NOV 25	11 49 44.	32	ML=0.5	
NOV 26	02 11 11.	451	ML=2.8	ALSO AT MBC
NOV 26	15 08 29.	17	ML=0.6	
DEC 10	09 29 57.	90	ML=1.3	
DEC 14	13 20 60.	25	ML=0.8	
DEC 14	13 23 36.	23	ML=0.3	
DEC 14	13 34 34.	23	ML=0.9	
DEC 14	22 45 23.	272	ML=1.9	POOR AT MBC.
DEC 29	14 13 03.	61	ML=1.1	

TABLE 27

UNLOCATED EVENTS RECORDED AT SCH

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAR 23	18 22 44.	883	ML=4.0	NO LG, LABRADOR SEA. POOR AT FRB, NOT AT MNQ

TABLE 28

UNLOCATED EVENTS RECORDED AT SES

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 12	03 03 59.	395	ML=2.9	
MAR 20	07 14 25.	278	ML=2.4	
APR 23	22 58 45.	250	ML=2.6	POSSIBLE BLAST. POOR AT EDM
APR 24	08 41 29.	308	ML=2.9	LARGEST OF TWO FORESHOCKS. SEE TABLE 1B
APR 24	17 47 02.	317	ML=2.8	LARGEST OF TWO AFTERSHOCKS. SEE TABLE 1B
JUN 23	01 48 43.	515	MN=2.2	PROBABLY SOUTH OF SES
AUG 1	23 15 12.	348	ML=2.8	SOUTH OF SES
AUG 27	05 08 29.	141	ML=2.1	POSSIBLY EAST OF SES
OCT 1	00 14 21.	454	MN=2.3	SOUTH OF SES
OCT 3	05 55 54.	319	ML=2.5	AFTERSHOCK OF EVENT OF 03 OCT 05H 29M (TABLE 3C)
OCT 11	03 52 25.	308	ML=2.5	

TABLE 29

UNLOCATED EVENTS RECORDED AT SIC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				SIC DID NOT OPERATE FEB 09-29
SEP 22	21 33 10.	23	ML=0.9	POSSIBLE BLAST, ALSO AT MNQ
NOV 11	12 40 36.	260	ML=2.0	POOR AT SCH, MNQ NOT OPERATING.
NOV 13	13 04 33.	234	ML=1.9	POOR AT SCH, MNQ NOT OPERATING
DEC 7	13 06 12.	90	ML=1.5	

TABLE 30

UNLOCATED EVENTS RECORDED AT UNB

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 30	16 06 17.	103	ML=2.2	NOT RECORDED ELSEWHERE, HAL NOT OPERATING

TABLE 31

UNLOCATED EVENTS RECORDED AT VIC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 7	09 11 56.	82	ML=1.9	ALSO AT HYC
JAN 12	12 54 14.	82	ML=1.0	ALSO AT ALB
JAN 18	14 44 40.	107	ML=1.6	ALSO AT HYC, NOT AT ALB
JAN 19	00 47 02.	47	ML=0.8	HYC, ALB NOT OPERATING
JAN 19	23 48 39.	27	ML=0.6	
JAN 22	00 17 14.	188	ML=1.8	ALSO AT ALB, POOR AT HYC
JAN 27	08 25 54.	99	ML=2.0	NORTHWEST OF VIC, ALSO AT ALB. HYC NOT OPERATING
JAN 29	00 37 25.	112	ML=1.1	ALSO AT HYC
FEB 3	07 30 19.	25	ML=1.3	ALSO AT HYC. ALB NOISY, PIB NOT OPERATING
MAR 15	15 53 46.	99	ML=1.7	
MAY 22	22 03 01.	102	ML=1.2	NOT RECORDED ELSEWHERE
JUN 3	03 22 21.	116	ML=2.6	ALB, HYC NOISY. PIB NOT OPERATING
JUN 7	18 45 38.	82	ML=2.0	WCTN NOT OPERATING
JUL 2	23 33 13.	90	ML=0.8	PROBABLE BLAST, NOT RECORDED ELSEWHERE
JUL 3	00 45 45.	23	ML=0.7	PROBABLE BLAST, NOT RECORDED ELSEWHERE
AUG 17	20 26 59.	37	ML=0.9	POOR AT HYC AND PIB
AUG 24	03 52 11.	118	ML=1.5	ALSO AT HYC
OCT 19	04 15 01.	43	ML=0.7	ALSO AT HYC. PIB NOISY
DEC 19	13 38 19.	82	ML=3.6	ALSO AT PNT. PIB, HYC AND ALB NOT OPERATING

TABLE 32

UNLOCATED EVENTS RECORDED AT WHC

DATE 1976	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	02 14 15.	64	ML=1.4	
JAN 2	03 30 09.	316	ML=3.1	
JAN 5	11 01 46.	326	ML=2.9	
JAN 13	07 53 30.	217	ML=2.3	
JAN 18	08 29 47.	382	ML=2.9	
JAN 20	15 40 09.	437	ML=3.7	POOR AT INK
JAN 28	07 17 27.	327	ML=2.8	ALSO AT INK, PROBABLY CENTRAL ALASKA
FEB 6	02 19 41.	337	ML=2.6	
FEB 11	01 44 38.	371	ML=3.2	POOR LG, OFF SOUTHEASTERN ALASKA
FEB 13	18 18 10.	250	ML=2.6	
FEB 16	02 38 09.	261	ML=2.6	
FEB 17	01 31 27.	316	ML=3.6	NO LG, GULF OF ALASKA
FEB 17	02 30 21.	360	ML=3.0	NO LG, GULF OF ALASKA
FEB 18	12 31 52.	293	ML=2.6	PROBABLY SOUTHEASTERN ALASKA
FEB 25	05 50 26.	140	ML=2.4	
FEB 28	16 04 30.	166	ML=2.6	POSSIBLY EAST OF WHC. POOR AT INK, NOT AT YKC
FEB 29	17 38 09.	244	ML=2.6	WEST OF WHC. POOR AT INK
MAR 3	08 16 03.	165	ML=2.5	POOR AT INK
MAR 4	03 02 57.	186	ML=2.5	
MAR 5	00 15 32.	224	ML=2.7	POOR AT INK
MAR 5	05 58 34.	334	ML=3.3	PROBABLY SOUTHEASTERN ALASKA. DISTANCE UNCERTAIN
MAR 6	05 08 42.	339	ML=2.7	AFTERSHOCK. SEE TABLE 30
MAR 6	17 08 49.	283	ML=2.7	NO LG, GULF OF ALASKA
MAR 6	17 25 41.	128	ML=2.1	
MAR 7	20 06 25.	188	ML=2.5	ALSO AT INK, NOT AT YKC
MAR 13	00 01 53.	239	ML=3.1	PROBABLY ALASKA, POOR AT INK
MAR 13	10 02 09.	382	ML=3.3	
MAR 13	17 01 55.	261	ML=2.2	
MAR 15	05 26 33.	325	ML=2.8	

MAR	16	14	59	04.	274	ML=2.3
MAR	17	20	17	35.	166	ML=1.7
MAR	20	16	55	29.	325	ML=3.1 PROBABLY SOUTHEASTERN ALASKA
MAR	21	01	56	34.	247	ML=2.2 PROBABLY ALASKA, POOR AT INK
MAR	22	05	25	02.	133	ML=2.4
MAR	26	09	14	16.	198	ML=2.4
APR	8	02	44	51.	337	ML=3.0 PROBABLY WEST OF WHC
APR	9	23	48	46.	338	ML=2.8 DISTANCE UNCERTAIN
APR	10	06	00	51.	139	ML=1.4
APR	11	21	13	22.	144	ML=1.6
APR	14	17	56	43.	184	ML=3.1 WEST OF WHC
APR	16	07	36	32.	184	ML=2.0
APR	20	14	51	17.	316	ML=3.0 AFTERSHOCK. SEE TABLE 2A
APR	24	02	15	37.	261	ML=2.2
APR	27	04	27	20.	316	ML=2.8
APR	29	05	30	20.	360	ML=2.2
APR	30	23	44	38.	184	ML=2.0
MAY	7	20	06	51.	239	ML=3.0 POOR AT INK, NOT AT YKC. PROBABLY WEST OF WHC
MAY	10	21	55	44.	184	ML=2.3 POSSIBLE BLAST
MAY	11	20	08	39.	209	ML=2.2 POSSIBLE BLAST
MAY	13	06	14	18.	198	ML=2.5
MAY	19	15	51	49.	230	ML=2.1
MAY	24	09	25	32.	206	ML=3.3 SOUTHWEST OF WHC
JUN	1	19	29	16.	257	ML=2.9 DISTANCE UNCERTAIN. POSSIBLE AFTERSHOCK. SEE TABLE 3D
JUN	7	14	18	34.	459	ML=3.6 ALASKA. POOR AT INK
JUN	10	21	29	36.	209	ML=3.2 PROBABLY WEST OF WHC. POOR AT INK
JUN	29	00	05	28.	324	ML=3.4 WEST OF WHC. POOR AT INK AND YKC
JUL	2	13	11	29.	133	ML=2.3 SOUTHWEST OF WHC
JUL	5	01	07	06.	179	ML=1.9
JUL	9	18	52	12.	268	ML=3.0 PROBABLY WEST OF WHC
JUL	10	00	17	41.	261	ML=3.2 PROBABLY WEST OF WHC
JUL	10	16	38	33.	274	ML=2.8
JUL	11	11	39	08.	269	ML=3.1 LARGEST OF SEVERAL UNLOCATED EVENTS THIS DAY ASSOCIATED WITH THE EVENT AT 12 58. SEE TABLE 3A
JUL	12	16	35	17.	268	ML=2.4 DISTANCE UNCERTAIN
JUL	13	01	52	11.	147	ML=2.9
JUL	13	11	14	11.	56	ML=2.1 LARGEST OF FOUR SIMILAR EVENTS THIS DAY
JUL	14	03	12	09.	228	ML=2.9
JUL	14	04	24	46.	185	ML=2.2
JUL	14	16	50	14.	261	ML=3.0 SIMILAR TO EVENTS ON 11 JUL
JUL	15	01	52	24.	268	ML=3.2 PROBABLY WEST OF WHC
JUL	19	10	43	54.	305	ML=2.4 DISTANCE UNCERTAIN
JUL	19	11	14	00.	305	ML=2.8 DISTANCE UNCERTAIN
JUL	19	21	46	02.	60	ML=1.8
JUL	24	00	26	35.	179	ML=3.3 SOUTHWEST OF WHC. POOR AT INK AND YKC
JUL	25	20	04	19.	224	ML=2.8
JUL	27	14	31	13.	226	ML=2.2
JUL	28	00	06	04.	201	ML=2.6
JUL	31	20	55	28.	337	ML=3.5 PROBABLY WEST OF WHC. POOR AT INK
AUG	18	07	36	40.	192	ML=2.1
AUG	20	10	21	16.	282	ML=3.3 PROBABLY WEST OF WHC. POOR AT INK
AUG	31	18	22	46.	346	ML=3.0 WEST OF WHC, POOR AT INK
SEP	7	10	16	11.	251	ML=1.7 WEST OF WHC
SEP	8	12	27	01.	338	ML=2.7
SEP	12	12	47	23.	260	ML=2.4
SEP	14	03	44	24.	327	ML=2.7 POOR AT INK
SEP	20	02	11	39.	133	ML=2.7
SEP	20	10	50	28.	319	ML=2.8
OCT	3	16	58	18.	277	ML=2.6 DISTANCE UNCERTAIN
OCT	4	14	03	49.	249	ML=3.1
OCT	7	14	53	12.	334	ML=3.4 PROBABLY SOUTHEASTERN ALASKA
OCT	14	16	08	34.	147	ML=2.3
OCT	19	05	35	58.	635	ML=3.6 PROBABLY GULF OF ALASKA, NO LG.
OCT	20	10	14	33.	667	ML=3.4 PROBABLY SOUTHERN ALASKA
OCT	24	14	00	11.	263	ML=2.1
NOV	1	02	33	02.	331	ML=2.6
NOV	3	19	51	55.	477	ML=3.3 PROBABLY SOUTHERN ALASKA. DISTANCE UNCERTAIN POOR AT INK
NOV	4	14	50	44.	158	ML=2.1
NOV	7	10	10	49.	261	ML=2.4
NOV	12	19	16	32.	249	ML=2.4
NOV	12	22	03	36.	246	ML=3.2 POOR AT INK.
NOV	14	16	32	57.	212	ML=3.1 PROBABLY WEST OF WHC
NOV	17	21	18	28.	382	ML=2.9 DISTANCE UNCERTAIN. PROBABLY WEST OF WHC

NOV	19	19	27	01.	247	ML=0.0
NOV	23	03	30	06.	157	ML=2.6
NOV	23	22	26	31.	368	ML=3.1 PROBABLY WEST OF WHC
NOV	25	16	59	33.	336	ML=2.9 DISTANCE UNCERTAIN
NOV	29	13	22	29.	236	ML=2.4
NOV	29	20	43	28.	195	ML=2.6 POOR AT INK
NOV	30	04	08	30.	344	ML=3.2 WEST OF WHC. POOR AT INK
DEC	3	20	32	58.	209	ML=2.6 POOR AT INK.
DEC	4	11	12	11.	141	ML=2.5
DEC	4	12	30	40.	735	ML=3.8 ALASKA. ALSO AT INK.
DEC	9	17	52	37.	201	ML=3.3 POOR AT INK.
DEC	10	10	11	56.	323	ML=3.5 PROBABLY ALASKA, POOR AT INK.
DEC	14	08	18	28.	261	ML=3.2 SIMILAR EVENT ABOUT 94 SEC LATER
DEC	17	20	59	04.	255	ML=2.7
DEC	18	17	46	07.	242	ML=2.5
DEC	24	22	28	23.	209	ML=2.4 POOR AT INK.
DEC	27	13	44	19.	196	ML=2.1
DEC	28	20	10	56.	198	ML=2.3 POOR AT INK.

TABLE 33

UNLOCATED EVENTS RECORDED AT YKC

DATE 1976	H-TIME(GMT) HR	MN	SEC	DELTA KM	MAGNITUDE	REMARKS
MAY 12	10	48	38.	1120	MN=2.7	PROBABLY NORTHERN YUKON. INK NOT OPERATING, NOT AT WHC
MAY 17	15	08	46.	512	MN=2.7	NORTHWEST OF YKC. INK NOT OPERATING