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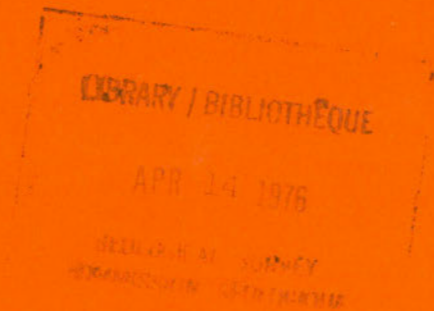
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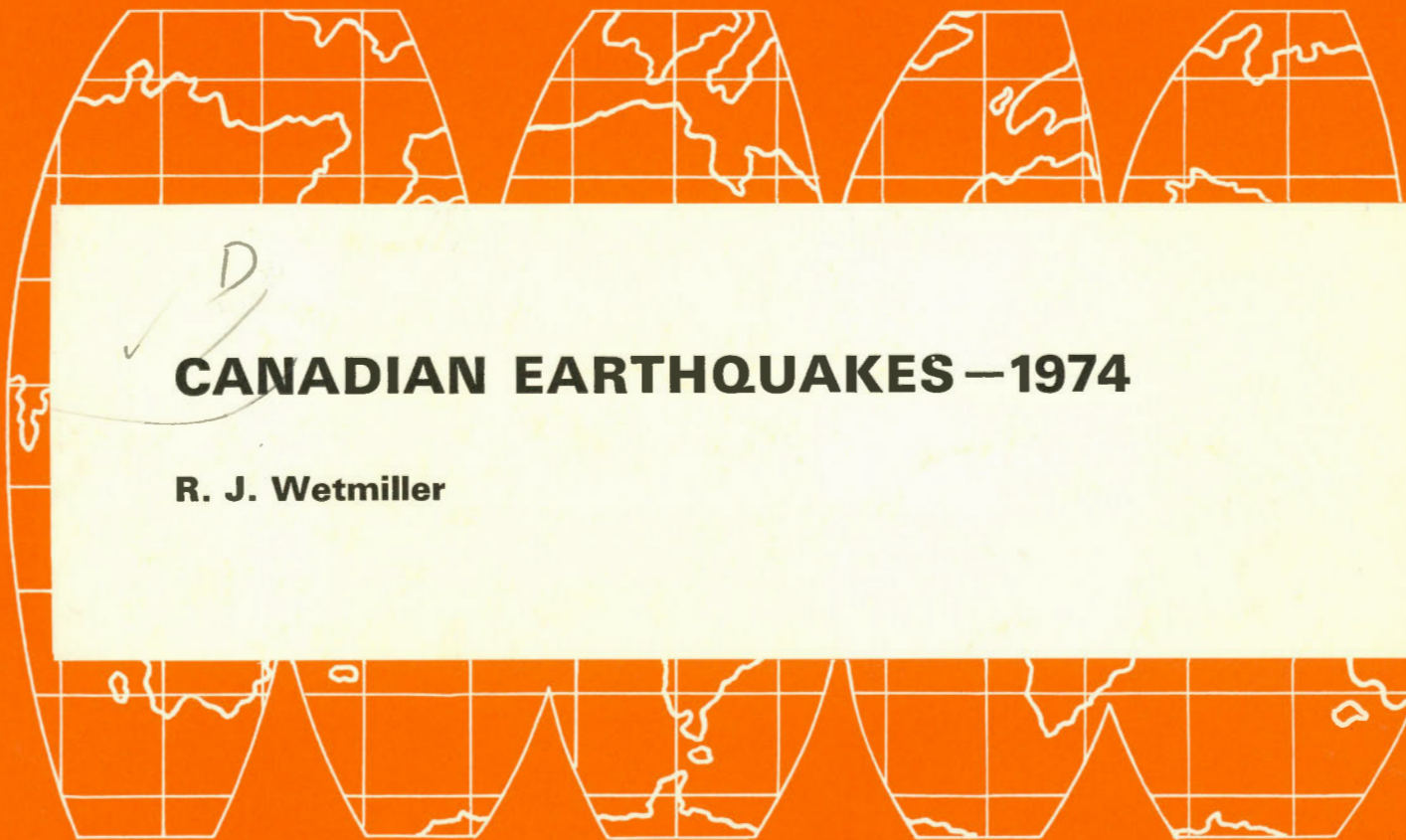
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CANADIAN EARTHQUAKES — 1974

R. J. Wetmiller

Seismological Series Number 73
Ottawa, Canada 1976



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R. J. Wetmiller

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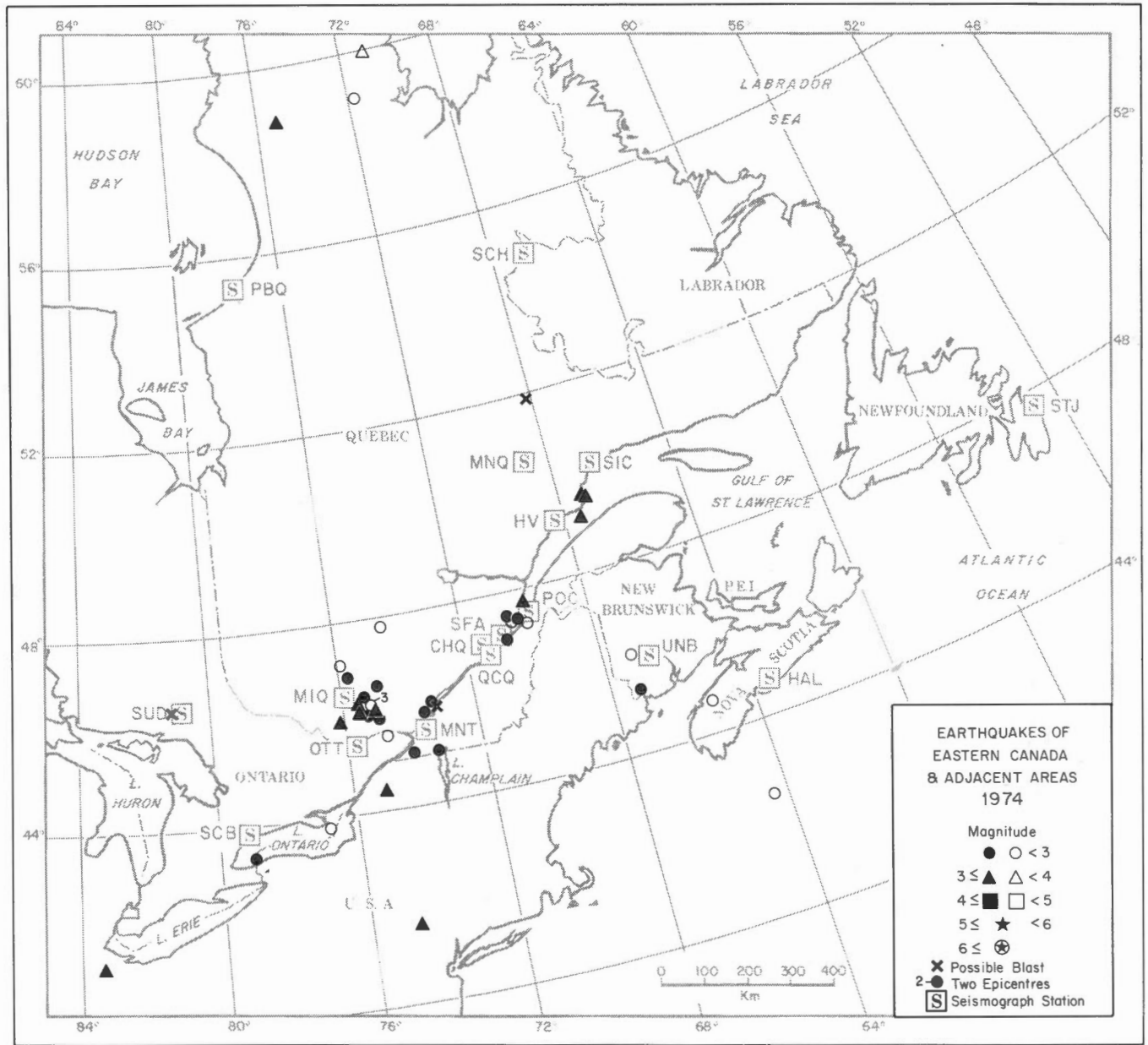


Figure 1

Earthquakes of Eastern Canada and adjacent areas - 1974

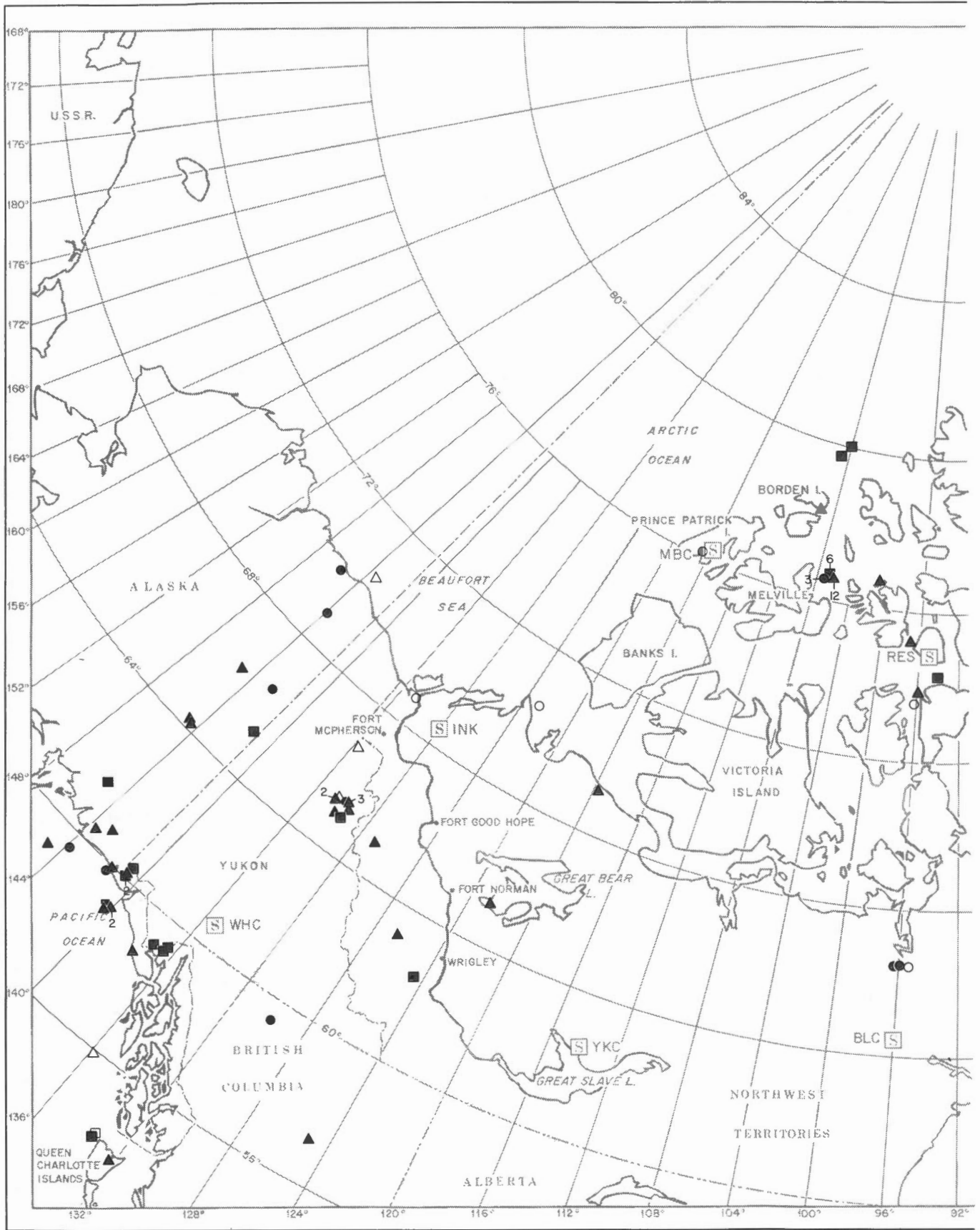


Figure 2 - Earthquakes of Northern Canada and adjacent areas - 1974 (sheet 1)

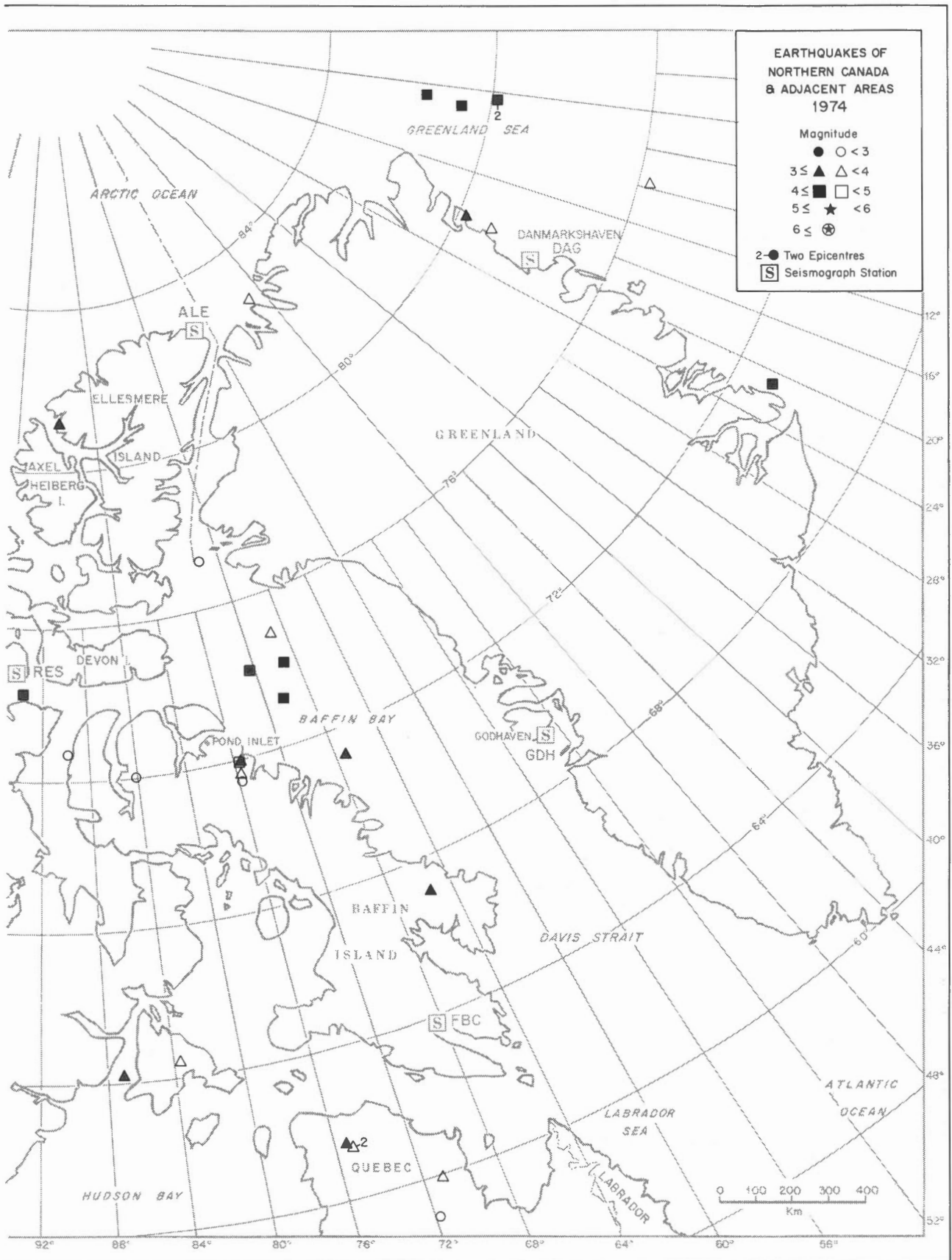


Figure 2 - Earthquakes of Northern Canada and adjacent areas - 1974 (sheet 2)

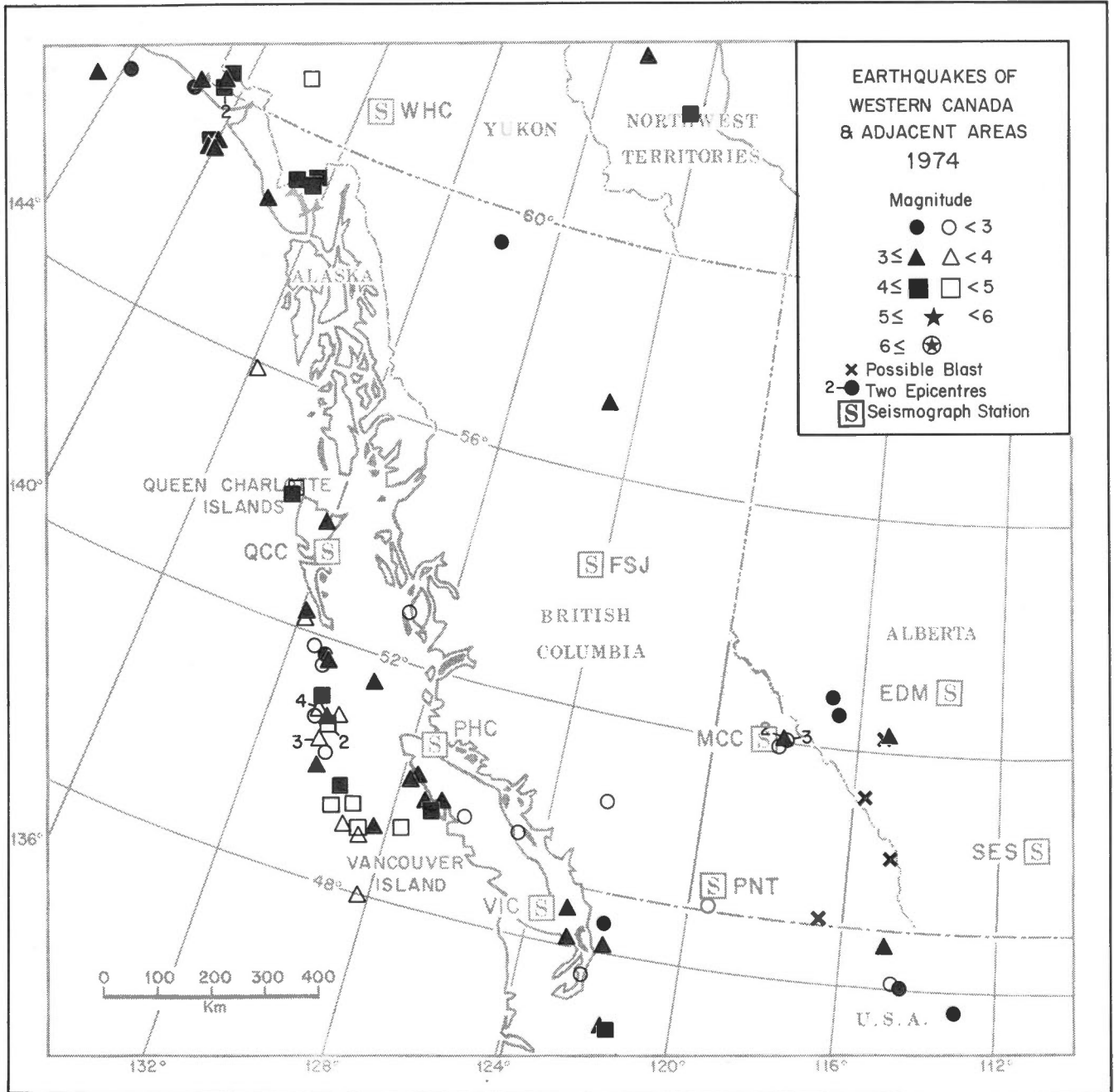


Figure 3

Earthquakes of Western Canada and adjacent areas - 1974

CANADIAN EARTHQUAKES—1974

R. J. Wetmiller

I. Introduction

This catalogue continues the annual lists of earthquakes in Canada as prepared by the Division of Seismology and Geothermal Studies, Earth Physics Branch, Department of Energy, Mines and Resources. An enumeration of the previous papers in this series can be found in Appendix 1. The format of the 1974 catalogue follows that of the 1970 catalogue (Horner *et al.*, 1975) but the method of preparation has changed somewhat. Details of the changes follow at the end of this section. All data for events in this catalogue have been analyzed by the author in the Ottawa section of the Division of Seismology and Geothermal Studies.

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

The extension of the Canadian Catalogue 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

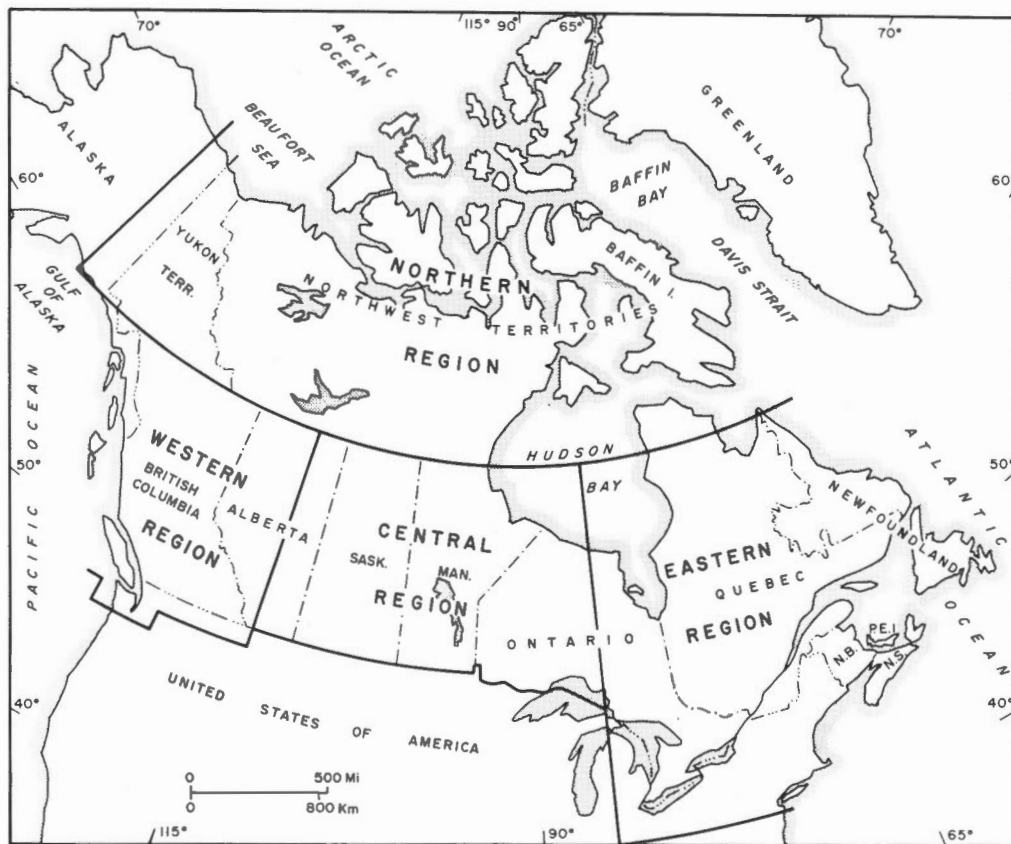


Figure 4 - The four regions of Canada

neighbouring areas. Data on earthquakes outside of Canada included in this catalogue are obtained primarily from the U.S. National Earthquake Information Service (NEIS) for the larger events and for smaller events variously from the Lamont-Doherty Geological Observatory (LDO) for New York State, the University of Washington for Washington, the Weston Observatory for the New England States and the Geodetic Institute of Denmark for Greenland.

Tables 1, 2, 3, and 4 list only located earthquakes, while Tables 5 to 40 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. For the 9 stations (QCC,PHC,VIC,ALE,MBR,RES,INK,WHC and PNT) which recorded more than 50 unlocated events, histograms showing the distribution of the number of events against distance are shown in Figure 7. Table 41 lists earthquakes reported felt in Canada in 1974.

Epicentres for earthquakes in the Eastern, Northern and Western Regions are plotted in Figures 1, 2 and 3 respectively. No earthquakes occurred in the Central Region in 1974 so that no map of this region is shown in this catalogue. Epicentres for all earthquakes in Canada and adjacent areas during 1974 with magnitude 4 or greater are shown on one map of Canada (Figure 6).

The changes which have been incorporated in this and succeeding catalogue years of this series are mainly procedural, the transition to the present procedures having commenced with Canadian Earthquakes-1973 (Wetmiller, 1975). The objective of the Catalogues of Canadian Earthquakes continues to be a systematic and uniform evaluation of the seismicity of the Canadian landmass. Information on seismic activity in the Western Region, western Alberta, British Columbia and the area off the western coast of Vancouver Island, which heretofore had been analyzed in the Victoria section of the Division are now analyzed by the Ottawa section. This change has been made in the interest of a more uniform analysis of the data for all of Canada and a better deployment of available manpower and services within the Division. The Victoria section of the Division still retains the responsibility for the evaluation of the long-term seismicity, seismic hazard and seismotectonics of the

Western Region.

This catalogue is being published in advance of the 1974 Bulletin of the International Seismological Centre (ISC); therefore no comparison can be made with the ISC epicentres of Canadian earthquakes at this time. Any revisions to the ISC determinations on Canadian events for 1974 will be published in later catalogue years of this series. Epicentres calculated by the NEIS for Canadian earthquakes are included herein and data from foreign seismograph stations as published in the NEIS Earthquake Data Reports are used in this catalogue in selected cases. The epicentres calculated in this and following catalogue years have all been made by standard regression techniques using the travel-time curves described in the following section. Prior to the 1973 catalogue year, the epicentres in the Western Region are calculated by graphical techniques using a somewhat different set of travel-time curves. See Stevens *et al.* (1972) for a description of the procedures. For unlocated events the origin time has not been calculated to the nearest second for this catalogue year. This has been done to allow the 1974 catalogue to be published earlier than would otherwise be possible. The minute quoted for the origin time of an event is either the minute of the event or, in some cases, the minute previous to the minute of the event. Should more accurate determination of the time of an unlocated event be required, then such a request should be made to the Ottawa section of the Division of Seismology and Geothermal Studies indicating the event(s) in question.

1. Epicentral Determination

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

$$\begin{aligned} P1-H &= \Delta/6.20 & Pn-H &= 5.60 + \Delta/8.2 \\ Lg-H &= \Delta/3.57 & Sn-H &= 9.84 + \Delta/4.7 \end{aligned}$$

H is the origin time in seconds and Δ is the epicentral distance in kilometers. For a surface focus the Pn and Sn intercepts become 7.50 and 13.12 s, respectively. Unless otherwise stated in the tables, the focal depth has been held fixed at 18 km or half the assumed crustal thickness. Because of a general paucity of data for most earthquakes, especially at very near epicentral distances, and uncertainties in the assumed crustal

model, better estimates of focal depth cannot be made at present. Restriction of focal depth to a value other than 18 km (normally 10 km) is sometimes done at the judgment of the geophysicist responsible. This is usually because the epicentre lies in a region where upper crustal focal depths are more appropriate or because part of the data suggests a shallower (or deeper) focus although a reliable focal depth estimate cannot be made by standard means.

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 Region suggests that "F" quality solutions can be shifted as much as 20 km in position.

When available, solutions determined by NEIS are also given in the tables. This information is obtained from the 1974 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 not, in general, be considered accurate; they are unlikely to be more accurate than the general assumption of mid-crustal depths (18 km) assumed in the Canadian epicentre determinations. The NEIS does not calculate an RMS value but instead calculates the standard deviation (SD) of one P observation. This value is given in the tables in the RMS column. The relationship between these two quantities is $SD = \sqrt{N/(N-3)} \text{ RMS}$, where N is the number of readings used.

Epicentres occurring within Canada which are located by NEIS and for which data are available outside Canada have been recomputed using Canadian data augmented by P arrival

times of foreign stations at distances up to 10° . For earthquakes occurring outside Canada but within the areas shown in Fig. 5, 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 Lg phase only if the following two conditions hold:
 - 1) the epicentral distance is greater than 500 km
 - 2) the period of the maximum amplitude is less than 1.3 seconds (Nuttli derived his magnitude scale only for periods between 0.7 and 1.3 seconds).
- For events in the northern Yukon large enough to be recorded beyond 500 km, m_N is calculated only at stations to the east on the Shield.
- B) For Earthquakes in the Cordillera (Western Region or in any other region of Canada when no data exists beyond 500 km, M_L is calculated using the maximum short-period vertical amplitude of the S_1 or Lg phase if the following two conditions hold:
 - 1) the epicentral distance is less than 600 km.
 - 2) the period of the maximum amplitude is less than 2.0 seconds.
- C) For earthquakes in oceanic areas such as the Beaufort Sea or Baffin Bay or where the propagation path includes a substantial section of oceanic crust, M_L is calculated from the maximum short-period amplitude of the Sn phase over the entire distance range. Because Sn amplitude attenuation is not adequately known, these magnitudes should be considered tentative. In such cases, where Lg is absent and reliable m_b magnitude have been calculated by NEIS only the latter values are usually given.
- D) For earthquakes occurring in the oceanic area west of Vancouver Island and south of the Queen Charlotte Islands, M_L magnitudes calculated as in B above are adopted with the following two exceptions:
 - 1) when NEIS gives an m_b magnitude that

includes data from at least three stations beyond 20° , this value is adopted as the magnitude of the event.

- 2) when NEIS gives an m_b magnitude based almost entirely on data from distances less than 20° , then the value adopted as the magnitude of the event will be either the NEIS m_b magnitude or the EPB M_L magnitude depending on which is more consistent with the size of the event in the judgment of the seismologist responsible.

It has previously been noted (Stevens et al., 1973, Tables A-4 to A-6) that the larger magnitude earthquakes in the seismic area west of Vancouver Island have EPB M_L magnitudes consistently smaller than NEIS m_b magnitudes, while elsewhere in the Western Region the M_L and m_b magnitude are in reasonable agreement. This apparent bias of M_L is thought to be caused by increased attenuation in the region west of Vancouver Island, but it may also be that the m_b magnitudes are biased by data from within 20° . Part D above is an attempt to assign magnitudes to the 1974 earthquakes west of Vancouver Island that are consistent with the magnitudes of events in other parts of the Western Region.

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

II. Canadian Seismograph Network

Fig. 5 shows the 36 stations of the Canadian Seismograph Network, 34 of which were used in the preparation of this catalogue. Detailed notes regarding instrumentation and changes in instrument constants, calibration, etc., can be found in the report Canadian Seismograph Operations -1974 (Shannon et al., 1975).

The following international code letters are used as station abbreviations:

- ALE Alert, N.W.T.
- BLC Baker Lake, N.W.T.
- * CHQ Charlesbourg, Que.

- EDM Edmonton, Alta.
- FRB Frobisher, N.W.T.
- FCC Fort Churchill, Man.
- FFC Flin Flon, Man.
- FSJ Fort St. James, B.C.
- * HAL Halifax, N.S.
- * HV³ Hauterive, Que.
- INK Inuvik, N.W.T.
- LHC Thunder Bay, Ont.
- MBC Mould Bay, N.W.T.
- * MCC Mica Creek, B.C.
- * MIQ² Maniwaki, Que.
- * MNQ Manicouagan, Que.
- MNT Montréal, Que.
- OTT Ottawa, Ont.
- * PBQ Poste-de-la-Baleine, Que.
- PHC Port Hardy, B.C.
- PNT Penticton, B.C.
- POC La Pocatière, Que.
- QCC Queen Charlotte City, B.C.
- QCQ Québec, Que.
- RES Resolute, N.W.T.
- SCB¹ Scarborough, Ont.
- SCH Schefferville, Que.
- SES Suffield, Alta.
- SFA Seven Falls, Que.
- * SIC¹ Sept-Îles, Que.
- STJ Saint John's, Nfld.
- * SUD Sudbury, Ont.
- * UNB Fredericton, N.B.
- VIC Victoria, B.C.
- * WHC Whitehorse, Y.T.

YKC Yellowknife, N.W.T.

- * Regional stations, short-period vertical trace only.
- 1 Did not operate 1974
- 2 Temporary Codes, subject to confirmation by NEIS
- 3 Operated July 04 to November 14; moved to MNQ

The magnification levels of the short-period seismographs of the Canadian Seismograph Network during 1974 permitted detection of most events of magnitude 3 1/2 or greater in Canada. In southwestern British Columbia and the upper St. Lawrence Valley area the relatively closer seismograph spacing permitted location of events as small as magnitude 2.

III. Explosions

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

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

IV. Summary of Seismic Activity for 1974

The seismic activity within each of the four regions of Canada is discussed in the following sections. One thousand four hundred and twenty-three seismic events are listed in this catalogue, 231 of which were large enough to be located. Fig. 6 shows the locations of 38 earthquakes in or near Canada in 1974 that had a magnitude of 4 or greater. These were all confined to the Northern (22) and Western regions (16). No earthquakes with magnitude greater than 4 occurred in eastern Canada in 1974. The M_L 3.4 earthquake of 1 November at 20:23 GMT near Orcas Island in Washington State was felt in southwestern British Columbia, including Victoria and Vancouver with maximum intensity III. Table 41 gives the details of earthquakes felt in

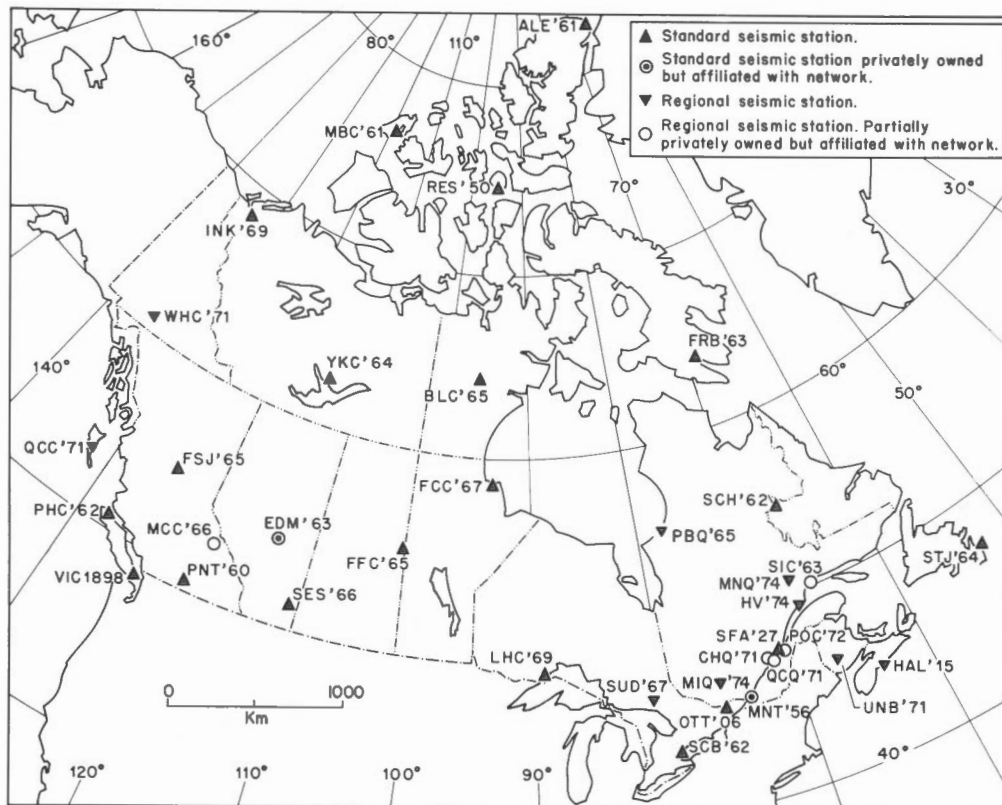


Figure 5 - The Canadian Seismograph Network - 1974

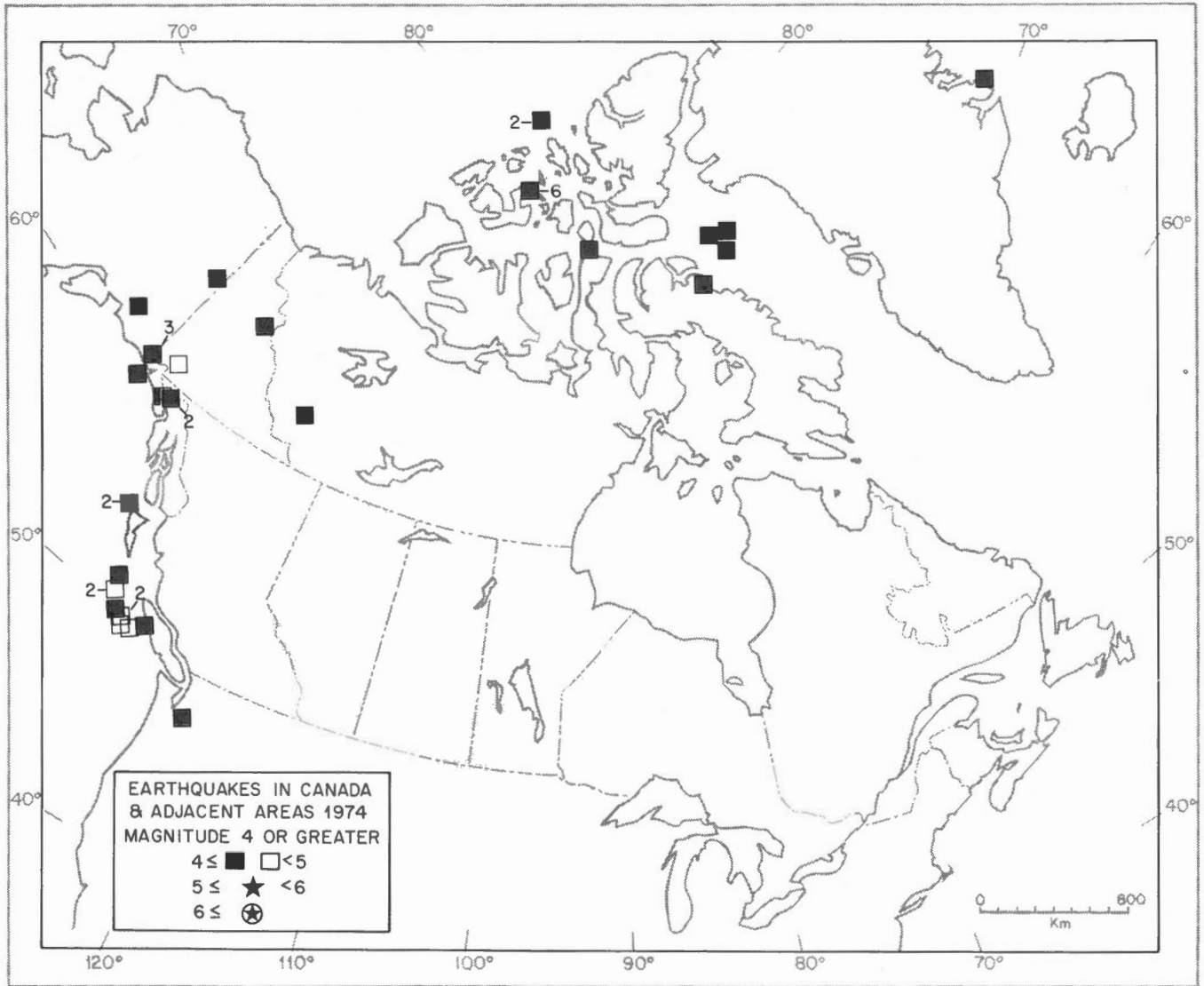


Figure 6 - Earthquakes in Canada and adjacent areas during 1974 with magnitude 4 or greater

TABLE 41

A Summary of Earthquakes Reported Felt in Canada During 1974

Date and time (GMT)	Magnitude	Location
12 Feb 03:04	M_L 3.4	Northwestern Vancouver Island. Felt at Quatsino, B.C.
21 Apr. 04:48	m_N 4.9	In Barrow Strait, south of Resolute, N.W.T. Felt strongly in Resolute, several people awakened. No damage reported.
16 May 13:04	m_b 3.8	Northwestern Washington State. Felt mildly in Victoria, B.C.
01 Nov. 20:23	M_L 3.4	Near Orcas Island in Puget Sound of Washington State. Felt (II-III) in southwestern B.C. including Vancouver and Victoria. See. Fig. 9.
02 Nov. 13:47	M_L 3.2	Southwestern Quebec. Felt mildly in Papineauville.
12 Nov. 08:28	m_N 2.9	Western Quebec. Rockburst in Normetal Mine, felt sharply in Normetal.
02 Dec. 10:58	M_L 3.5	Southwestern Quebec. Felt mildly in Notre Dame de Pontmain.
23 Dec. 10:36	M_L 2.2	South-central B.C. Felt mildly in Oliver.

Canada in 1974.

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 . This catalogue, however, is not intended to be a complete listing of the seismic activity in the northeastern U.S. north of 40°N but those events which were large enough to be well recorded in Canada are included. For information on smaller magnitude seismic activity in New York State, the reader is referred to the Regional Seismicity Bulletin of the Lamont-Doherty Network (Schnerk *et al.*, 1975). Fig. 1 shows the locations of 40 events in the Eastern Region during 1974 as well as the seismograph stations in Canada. Thirty-five of the events shown are in Canada, 4 are in the United States and one is in the Atlantic Ocean southeast of Nova Scotia. The distribution of seismic activity is as follows: 15 events in southwestern Quebec to the west and north of Montreal, 6 events in the lower St. Lawrence Valley near La Malbaie, 3 events each in the western Gulf of St. Lawrence, New Brunswick or Nova Scotia and northern Quebec, 2 events south of Montreal on the border with New York and 2 events northeast of Montreal near Sorel. Three suspected blasts are plotted; 2 confirmed blasts and one confirmed rock burst are not plotted but are listed in Table 1. Thirty-one unlocated events are listed in the tables of unlocated events for seismograph stations in the Eastern Region. The most active station in this regard was POC with 16 unlocated events.

The largest event in the eastern Canada in 1974 was the M_w 3.7 earthquake of 12 February in northern Quebec. This and many of the other larger events occurred in areas which are sparsely populated and no felt reports were received. Of those events which occurred near populated areas, only two have been reported felt in 1974. These are the events of 2 November and 2 December in southwestern Quebec, both felt mildly over a small area close to the epicentre. In the U.S. portion of the Eastern Region two events were felt more strongly. These were the 29 September event in Ohio and the 7 June event at Wappinger Falls, New York. The latter event is reported to have caused minor damage.

In addition to the earthquakes, a rock-burst in the Normetal Mines of Normetal, Que. was reported felt on 12 November. This event was recorded on the eastern network stations with signals much like a natural earthquake. The nature and location of the event was confirmed by the Normetal Mine Company who reported a small amount of minor

damage in their mine as a result of the rock-burst. Locating this event as if it were an earthquake, results in an epicentre which is about 20 km southeast of the location of the mine. On 12 January and 16 October, the Quebec Cartier Mining Company detonated a very large explosion at their Mount Wright mining operation in northeastern Quebec. In both cases, these blasts, which were recorded by many stations in the eastern network, were located as if they were earthquakes. The calculated epicentres for both the 12 January and 16 October blasts are displaced about 20 km west of the blast site. In the case of the latter blast, a field crew from EPB was dispatched to the blast site to accurately record the time of the blast. The calculated origin time of the blast is within one second of the actual time.

Throughout June and July 1974, EPB operated a dense local seismograph network in the lower St. Lawrence Valley near La Malbaie. During this period, one earthquake, that of 30 June, was large enough to be recorded on both the local network and the eastern seismograph stations. Comparison of the standard network epicentre with the more accurate epicentre obtained from the dense local network shows again a shift of about 20 km, this time to the northwest.

These comparisons give a qualitative estimate of the uncertainty associated with "F" quality solutions even though they are based on relatively complete and reliable data. This uncertainty is due to the reading and travel time errors inherent in the procedures for locating small magnitude earthquakes. For the Eastern Regions, the locations of 4 known sources in 1974 would suggest 20 km as a reasonable figure for this uncertainty. For the Northern, Western and Central regions, a somewhat greater figure must be assumed (25-30km) because the travel-time model used to compute all epicentres is derived essentially from data in the Eastern Region. (Twenty km is roughly equivalent to the width of the symbols used to plot the epicentres on the regional maps in Figures 1-3).

2. Northern Region

The Northern Region includes Canada north of 60°N and extends west into Alaska to 145°W and east into northern Greenland. Ninety-five located events are listed for the Northern Region in Table 2, including 15 in Alaska and 8 in the vicinity of northern Greenland. Epicentres of these events are plotted, except where noted otherwise, in Figure 2, which also shows the seismograph stations in Canada and any events in the

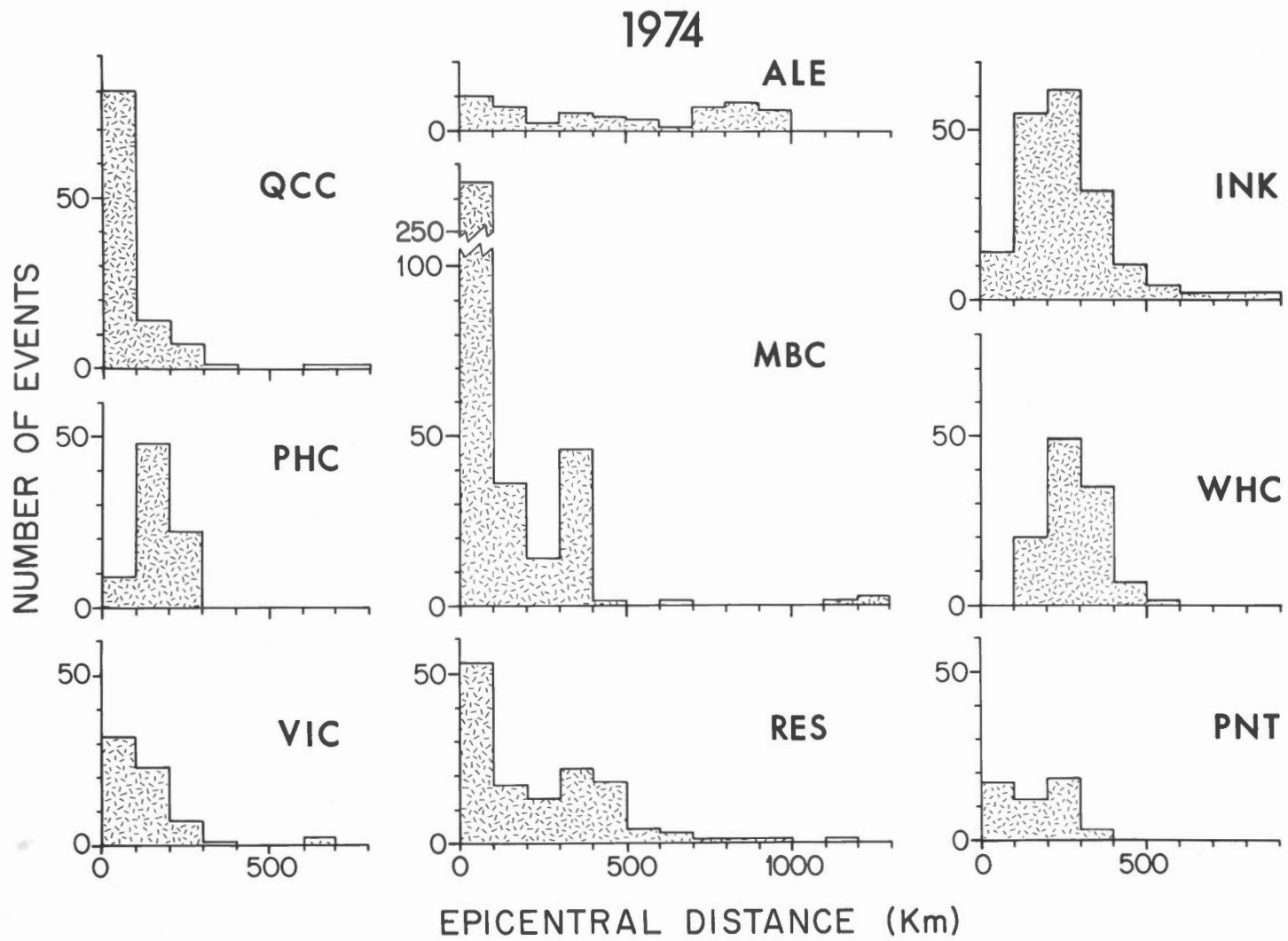


Figure 7 - Histograms of unlocated events recorded at VIC-PHC-QCC, MBC-RES-ALE and PNT-WHC-INK

northern parts of the Eastern and Western Regions. In addition, 889 unlocated events are listed for the 8 seismograph stations that operated in the Northern Region in 1974. The five stations ALE, INK, MBC, RES and WHC recorded sufficient numbers of events to warrant plotting histograms of number against distance. These are shown in Figure 7. The most active station in this regard in the Northern Region (and all of Canada) is MBC with 314 unlocated events in 1974.

The distribution of located earthquakes in the Northern Region during 1974 is as follows: 21 events in the Queen Elizabeth Islands, primarily northeast of Melville Island, 15 events in the northern Yukon-Mackenzie Valley, 13 events in or near Baffin Island, 3 events each in northern Quebec, near Somerset Island, and south of Chantrey Inlet, 2 events in the Arctic Ocean off Borden Island, and 2 events near Southampton Island in northern Hudson Bay. Seismic activity continues at an increased rate in the Byam Martin Channel northeast of Melville Island (commencement of this activity in November 1972 was described in the Canadian Earthquakes - 1973 (Wetmiller, 1975)). More than 80 earthquakes, located and unlocated, have been detected from this area in 1974.

In Figure 7 the unlocated events in the area northeast of Melville Island show up as secondary peaks in the MBC and RES histograms at distances 300-400 km. The minimum magnitude detectable in the area northeast of Melville Island is about M_L 2.0 but this is very dependent on the local noise conditions at the MBC and RES which are sometimes quite severe. Both MBC and RES histograms also show a peak of 0-100 km as evidence of nearby activity. The MBC peak at 0-100 km is strongly influenced by swarm activity as for instance the swarm on 24 May which included 95 events on one day's record. The largest event in the sequence, m_N 2.8, is located (Table 2A) but the location is poor and cannot be used to define the relationship of the source area of this activity to MBC. Extensive swarms have been noted in the area around MBC before (Smith *et al.*, 1968). The RES peak at 0-100 km, on the other hand, is made up of events which are more independent in time and randomly distributed over the distance range if the preference for 30-400 km representing aftershocks to the 21 April m_N 4.9 earthquake near Resolute is discounted. Swarm activity as has been noted at MBC is not associated with the area near RES.

Other stations in the Northern Region for which histograms are shown in Figure 9 are ALE, INK and WHC. The ALE histogram is based on few events and shows no strong peak. INK

shows a broad peak 100-300 km representing seismic activity in the northern Yukon to the southwest of INK. WHC shows a peak at 200-300 km representing seismic activity in south-eastern Alaska. Note, however, the relative stability of the area (0-100 km) close to WHC.

One earthquake was felt in the Northern Region in 1974. This was the m_N 4.9 event of 21 April 04:48 GMT located in Barrow Strait southeast of RES and felt with maximum intensity IV in the town of Resolute. No damage was reported.

3. Western Region

The Western Region lies west of $113^{\circ}W$ and includes Canada and Alaska south of $60^{\circ}N$ and east of $145^{\circ}W$, Montana, Idaho and Washington States north of $48^{\circ}N$, and the Puget Sound area of Washington State north of $47^{\circ}N$ and between $121^{\circ}W$ and $125^{\circ}W$. This catalogue is not intended to be a complete listing of the earthquakes in this area of Washington but those events large enough to be well recorded in Canada are included. The boundary of the Western Region extends westward into the Pacific Ocean to include earthquakes located along the active tectonic features west of the mainland. In the area at the southern end of the Strait of Georgia including the Gulf Islands (British Columbia) and the San Juan Islands (Washington), the true epicentres of some earthquakes that are in the Canadian section of Table 3 may be in the U.S. section and vice versa.

Eighty-two located events are listed for the Western Region in Table 3, including 59 in Canada, 13 in Alaska or off the coast and 10 in Washington or Montana. Epicentres of these events are plotted, except where noted otherwise, in Figure 3, which also shows the Canadian Seismograph stations in the Western Region and any events in the southwestern part of the Northern Region. The main distribution of located events in the Western Region is as follows: 31 events west of Vancouver Island and south of the Queen Charlotte Islands, 13 events in or off south-eastern Alaska, 7 events in the Puget Sound basin, 13 events including 4 possible blasts in the Rocky Mountains of B.C., Alberta and Montana and 6 events on western Vancouver Island.

In addition to these 32 located events, 320 unlocated events are listed in the appropriate tables for the 6 Canadian seismograph stations, FSJ, MCC, PHC, PNT, QCC and VIC which operated in the Western Region. The most active station in this regard was QCC

with 105 unlocated events. The 4 stations PHC, PNT, QCC and VIC recorded sufficient numbers of unlocated events to warrant plotting of histograms of number of events against distance. These are shown in Figure 7.

The QCC histogram shows a strong peak at 0-100 km as evidence of nearby activity, although only one earthquake in 1974 within 100 km of QCC was large enough to be located. This seismic activity close to QCC is thought to originate on the active tectonic faults which pass close to the western side of the Queen Charlotte Islands. VIC shows a similar but more subdued peak at 0-100 km. The seismic activity close to VIC originates primarily in the Puget Sound basin of Washington State. Many of the events in this area are also recorded on PNT and show up as a peak on that station's histogram at 200-300 km. As a rule, these small events in Washington are not recorded elsewhere in Canada, and no formal epicentres are attempted on the basis of two stations only. Only those events for which additional data is available from seismograph stations in Washington, are located and listed in Table 3C. The PNT histogram also shows a subdued peak at 0-100 km. The area around PNT is an active mining area and some of the smaller events close to PNT may be blasts.

One earthquake in 1974 within 100 km of PNT was large enough to be located. The histogram for PHC shows a strong peak of 100-200 km. This represents seismic activity in the active tectonic zones west of Vancouver Island. More than 50 of the unlocated events listed for PHC may be identified as occurring in this area. Note, however, the relative stability of the area within 100 km of PHC, as evidenced by the small number of unlocated events in this distance range, in contrast to area around QCC.

Four earthquakes were reported felt in western Canada in 1974. The most widely felt was the M_L 3.4 earthquake of 01 November at 20:23 GMT which was felt mildly in southwestern British Columbia including Vancouver and Victoria (Figure 8). The maximum intensity noted in Canada for this event is III at Sidney on southern Vancouver Island at a distance of about 25 km. The epicentre of the event is in Washington State near Orcas Island, where it was felt with an intensity III close to the epicentre, however no survey of the felt area was made. Three other earthquakes were felt less widely. These were the events of 12 February felt in Quatsino, 16 May felt in Victoria and 23 December felt in Oliver in the southern Okanagan Valley of Central B.C.

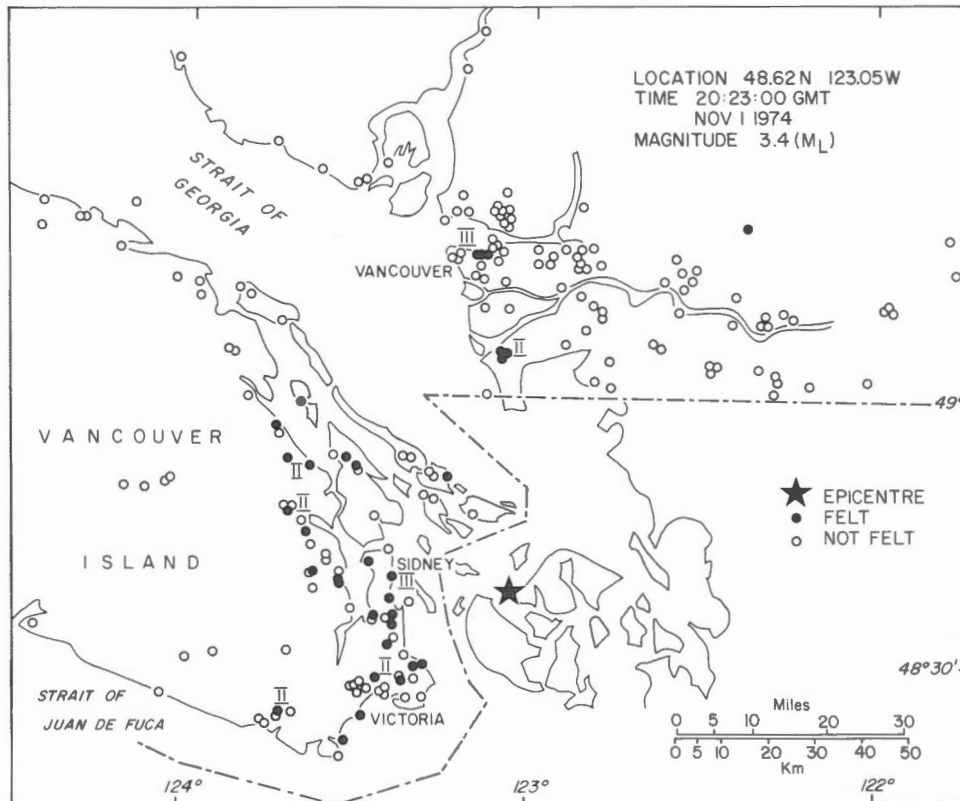


Figure 8 - Observed intensities in Canada from the Orcas Island earthquake of 01 November, 1974

4. Central Region

The Central Region includes the area of Canada south of 60°N , west of 85°W and east of 114°W comprising Manitoba, Saskatchewan and parts of Alberta and Ontario. No earthquakes were located in the Central Region in 1974. Two events located in the U.S. south of the Central Region are noted in Table 4. Eight unlocated events are noted at SES, 4 at EDM and one at FCC and FFC. The unlocated events at SES and EDM are believed to have originated in the Rocky Mountains of western Alberta and Montana. Some of these events may be blasts at one of the many mining operations in this area.

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D.R.J. Schieman assisted in scanning, reading and interpreting records for this catalogue. F.M. Anglin assisted in producing the computer-generated epicentre maps.

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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, 65p.
- Wetmiller, R.J., 1975. Canadian earthquakes - 1973. Seism. Ser. Earth Physics Br. No. 72, 51p.

APPENDIX 1

CATALOGUES OF CANADIAN EARTHQUAKES TO 1974

The list below, which contains all published Canadian earthquake catalogues to the end of 1974, summarizes the sources of basic epicentral data for Canadian earthquakes. The list does not include reports on individual large earthquakes, special studies of certain earthquake sequences, analyses of seismicity patterns and the like. References to many of these reports will be found in the bibliographies of individual catalogues.

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

Eastern Canada 1534-1959

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

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

Western Canada 1841-1959

1841-1951; *Milne, W.G. 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, 9p.

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

Canadian Earthquakes 1960-1974

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

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

CANADIAN EPICENTRES FILE

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

TABLE 1

EARTHQUAKES OF EASTERN CANADA AND ADJACENT AREAS
1974

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

A. CANADIAN EPICENTRES

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
JAN 6	07 35 36.(0)	47.27 N(0.01)	69.91 W(0.02)	0.1	ML=1.4(0.5)	3 6 3 0
SOUTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER SOUTH OF ST. PACOME, QUE. POOR SOLUTION 10 KM SE FROM POC DEPTH = 10. KM(GEOPHYSICIST) (EPB)						
JAN 9	18 38 51.(0)	45.91 N(0.02)	74.90 W(0.02)	0.5	ML=2.7(0.5)	5 8 4 F
SOUTHWESTERN QUEBEC, 40 KM WEST OF STE. AGATHE 80 KM NE FROM OTT						
JAN 12	15 58 02.(1)	52.74 N(0.03)	67.60 W(0.08)	3.6	MN=3.5(0.2)	14 26 12 F
DETONATION OF 0.2 MILLION KGS OF EXPLOSIVES AT MOUNT WRIGHT IN EAST-CENTRAL QUEBEC NOT PLOTTED CO-ORDINATES OF BLAST SITE ARE 52.74 N 67.35 W EPICENTRE IS 17 KM WEST OF BLAST SITE						
JAN 25	16 45 45.(0)	45.89 N(0.04)	73.55 W(0.05)	1.1	ML=2.7(0.3)	5 10 5 F
SOUTHERN QUEBEC, NORTH OF THE ST. LAWRENCE RIVER NEAR L EPIPHANIE 40 KM N FROM MNT DEPTH = 10. KM(GEOPHYSICIST) (EPB)						
FEB 12	10 00 42.(1)	58.79 N(0.03)	75.09 W(0.08)	2.8	MN=3.7(0.2)	11 23 10 F
NORTHERN QUEBEC, NEAR LAC LE ROY AND EAST OF INOUCOJOUAC (PORT HARRISON) 420 KM NE FROM PBQ						
FEB 13	18 14 53.(1)	46.40 N(0.04)	75.27 W(0.05)	1.8	ML=2.9(0.3)	7 13 6 F
SOUTHWESTERN QUEBEC, 60 KM SOUTHEAST OF MOUNT LAURIER 120 KM N FROM OTT DEPTH = 10. KM(GEOPHYSICIST) (EPB)						
FEB 17	12 57 28.(1)	49.54 N(0.03)	67.09 W(0.10)	1.6	MN=3.0(0.4)	6 10 2 F
IN GULF OF ST. LAWRENCE, OFF BAIE TRINITE, QUE. 70 KM S FROM SIC						
MAR 09	L00 06 32 14.	43.79 N	76.81 W	1.7		25 0
IN LAKE ONTARIO. POOR SOLUTION DEPTH = 0. KM (L00) MAGNITUDE UNCERTAIN LESS THAN 3						
MAR 14	19 20 03.(1)	46.09 N(0.04)	75.08 W(0.04)	0.8	ML=2.5(0.4)	5 6 4 0
SOUTHWESTERN QUEBEC, 60 KM WEST OF STE. AGATHE 70 KM SE FROM MIQ						
MAR 16	07 10 11.(0)	46.07 N(0.00)	67.12 W(0.00)	0.0	ML=2.4(0.2)	4 5 3 0
WESTERN NEW BRUNSWICK, NEAR SPRINGFIELD 40 KM W FROM UNB						

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
APR 21	14 06 00.(1)	46.48 N(0.08)	81.12 W(0.08)	2.1	MN=3.1(0.2)	5 8 2 F
PROBABLY LARGE BLAST IN VICINITY OF SUDBURY, ONT. FIRST MOTION ON SUD RECORD IS DILATATION, POLARITY OF THE STATION AT THIS TIME HAS BEEN CONFIRMED 10 KM W FROM SUD DEPTH = 5. KM(GEOPHYSICIST) (EPB)						
APR 29	06 10 48.(1)	46.00 N(0.04)	75.23 W(0.04)	1.4	ML=2.8(0.3)	5 8 4 F
SOUTHWESTERN QUEBEC, 60 KM WEST OF STE. AGATHE 80 KM NE FROM OTT						
JUN 20 EPB	18 36 58.(0)	47.40 N(0.01)	70.18 W(0.02)	0.5	ML=1.9	19 25 2 F
LOWER ST. LAWRENCE RIVER, 11 KM NORTHWEST OF POC EPB HYPOCENTER GIVEN IS THAT DETERMINED FROM FIELD STATIONS OPERATED IN LA MALBAIE AREA DURING MONTHS OF JUNE AND JULY BY EPB. MAGNITUDE FROM POC AND CHQ LOCATION NOT POSSIBLE WITH NETWORK STATIONS ALONE DEPTH = 17. KM(1) (EPB)						
JUN 25	02 23 21.(0)	46.59 N(0.04)	74.82 W(0.03)	1.4	MN=2.7(0.4)	9 18 2 F
SOUTHWESTERN QUEBEC, 50 KM NORTHWEST OF STE. AGATHE 90 KM E FROM MIQ DEPTH = 10. KM(GEOPHYSICIST) (EPB)						
JUN 30 EPB	16 55 10.(1) 16 55 11.(0)	47.84 N(0.04) 47.71 N(0.00)	70.08 W(0.05) 69.84 W(0.01)	1.7 0.2	MN=3.1()	8 12 1 F 27 27
CLOSE TO NORTHERN SHORE OF LOWER ST. LAWRENCE RIVER, EAST OF LA MALBAIE, QUE. EPB HYPOCENTER DETERMINED FROM FIELD STATIONS DEPLOYED DURING THE MONTH OF JUNE AND JULY IN THE LA MALBAIE AREA BY EPB. DEPTH = 15. KM(2) (EPB) EPICENTRE IS 23 KM NORTHWEST OF EPB HYPOCENTER MAG. 2.7 ML(0.5) FROM 7 STATIONS (EPB) PLOTTED AT THE EPB HYPOCENTER ON FIGURE 1						
JUL 2	04 46 51.(1)	49.58 N(0.03)	67.22 W(0.09)	1.5	MN=3.4(0.0)	7 11 2 F
NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER, NEAR BAIE TRINITE, QUE. 70 KM SW FROM SIC DEPTH = 10. KM(GEOPHYSICIST) (EPB)						
JUL 10	06 18 25.(1)	42.44 N(0.04)	64.39 W(0.07)	0.7	ML=2.7(0.4)	6 7 2 0
IN THE ATLANTIC OCEAN OFF SOUTHERN NOVA SCOTIA 250 KM S FROM HAL						
JUL 18	08 44 04.(2)	46.26 N(0.11)	75.18 W(0.11)	1.0	ML=2.1(0.3)	3 4 3 0
SOUTHWESTERN QUEBEC, NEAR NOMININGUE 100 KM NE FROM OTT						
JUL 21	20 54 17.(3)	59.98 N(0.13)	70.95 W(0.14)	1.2	MN=3.6()	2 5 1 0
NORTHERN QUEBEC, WEST OF UNGAVA BAY 440 KM S FROM FRB						
JUL 31	05 51 03.(1)	47.35 N(0.11)	70.39 W(0.06)	0.3	ML=1.5(0.1)	3 5 2 0
LOWER ST. LAWRENCE RIVER OFF ILE AUX COUDRES, QUE. 30 KM W FROM POC DEPTH = 10. KM(GEOPHYSICIST) (EPB) POOR SOLUTION						

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
AUG 8	11 55 33.(1)	45.93 N(0.07)	76.08 W(0.07)	1.9	ML=3.2(0.2)	5	8	4	F
	SOUTHWESTERN QUEBEC, NEAR KAZABAZUA 70 KM NW FROM OTT								
AUG 12	03 43 16.(0)	45.06 N(0.03)	73.33 W(0.05)	1.2	ML=2.1(0.4)	6	13	3	F
	SOUTHERN QUEBEC, NEAR LACOLLE 50 KM SE FROM MNT DEPTH = 10. KM(GEOPHYSICIST) (EPB)								
AUG 16	09 44 51.(0)	47.03 N(0.01)	70.65 W(0.01)	0.2	ML=2.1(0.2)	3	6	2	F
	OFF SOUTHERN SHORE OF LOWER ST. LAWRENCE RIVER NEAR MONTMAGNY, QUE. 20 KM SE FROM SFA DEPTH = 10. KM(GEOPHYSICIST) (EPB)								
AUG 19	05 37 55.(1)	47.12 N(0.06)	75.87 W(0.05)	0.7	ML=2.4(0.2)	4	6	3	0
	SOUTHWESTERN QUEBEC, NEAR THE BASKATONG RESERVOIR 80 KM N FROM MIQ								
AUG 25	10 03 24.(0)	46.09 N(0.02)	73.25 W(0.02)	0.5	ML=2.6(0.3)	6	12	5	F
	SOUTHERN QUEBEC, NEAR SOREL 70 KM NE FROM MNT								
AUG 29	14 44 09.(3)	44.66 N(0.21)	65.21 W(0.15)	0.7	ML=2.3(0.4)	2	4	2	0
	SOUTHWESTERN NOVA SCOTIA, NEAR MILFORD 130 KM W FROM HAL								
AUG 31	10 36 39.(1)	46.85 N(0.05)	75.67 W(0.04)	1.2	ML=2.7(0.8)	5	8	5	F
	SOUTHWESTERN QUEBEC, NEAR FERME NEUVE 160 KM N FROM OTT								
SEP 7	08 23 12.(0)	59.01 N(0.00)	71.68 W(0.00)	0.0	MN=2.9(0.2)	3	3	3	0
	NORTHERN QUEBEC, WEST OF UNGAVA BAY 550 KM S FROM FRB								
OCT 7	05 31 18.(1)	47.50 N(0.04)	70.50 W(0.04)	1.3	ML=2.7(0.5)	7	10	3	F
	NORTHERN SHORE OF THE LOWER ST. LAWRENCE RIVER NEAR BAIE ST. PAUL, QUE. 40 KM NW FROM POC								
OCT 16	NEIS 05 45 10.(0)	52.64 N(2KM)	32.07 W(1KM)	0.9	MB=5.8	160	160	44	F
	NORTH ATLANTIC OCEAN. ONE FORESHOCK RECORDED AT STJ MAG. MS = 6.9 (NEIS) MAG. 7.3 (PAS), 7.0 (BRK) NOT PLOTTED								
OCT 16	EPB 14 54 59.(1)	52.72 N(0.03)	67.58 W(0.09)	1.9	MN=3.2(0.2)	9	12	5	F
	14 54 58.1 52.74 N 67.35 W DETONATION OF .09 MILLION KGS OF EXPLOSIVES AT MOUNT WRIGHT IN EAST-CENTRAL QUEBEC. NOT PLOTTED EPB HYPOCENTER DETERMINED BY FIELD CREW AT BLAST SITE NETWORK EPICENTRE IS 22 KM WEST OF BLAST SITE								
OCT 20	19 54 26.(0)	45.97 N(0.04)	73.17 W(0.03)	0.9	ML=2.5(0.4)	5	10	4	F
	SOUTHERN QUEBEC, NEAR SOREL PROBABLE BLAST 60 KM NE FROM MNT DEPTH = 10. KM(GEOPHYSICIST) (EPB)								

DATE 1974	H-TIME (GMT)			LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA				
	HR	MN	SEC					STN	PHA	MAG		
OCT 23	22	52	57.(1)	46.08 N(0.06)	75.48 W(0.06)	2.3	ML=3.2(0.4)	7	14	6	F	
SOUTHWESTERN QUEBEC, NEAR VAL-DES-BOIS 50 KM SE FROM MIQ DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
NOV 2	13	47	56.(1)	46.07 N(0.07)	75.03 W(0.06)	2.3	ML=3.2(0.2)	7	11	5	F	
SOUTHWESTERN QUEBEC, NEAR LAC REMI AND CHENEVILLE FELT MILDLY IN PAPINEAUVILLE 80 KM SE FROM MIQ DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
NOV 3	04	27	04.(1)	46.07 N(0.06)	75.05 W(0.05)	1.7	ML=2.8(0.3)	6	8	5	0	
SOUTHWESTERN QUEBEC, NEAR CHENEVILLE AND LAC REMI 80 KM SE FROM MIQ DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
NOV 4	19	13	05.(1)	45.53 N(0.05)	74.76 W(0.03)	0.7	ML=1.6()	3	5	1	0	
OTTAWA RIVER VALLEY, BETWEEN OTTAWA AND MONTREAL NEAR HAWKESBURY, ONT. 80 KM E FROM OTT												
NOV 12	08	28	32.(1)	48.86 N(0.04)	79.27 W(0.03)	0.5	MN=2.9(0.6)	5	8	2	F	
ROCKBURST IN NORMETAL MINES IN NORMETAL QUE. DAMAGE IN THE MINES. FELT IN THE TOWN OF NORMETAL CO-ORDINATES OF NORMETAL ARE 49.00 N 79.37 W NETWORK EPICENTRE IS 23 KM SOUTHEAST OF NORMETAL NOT PLOTTED												
NOV 18	16	58	12.(3)	51.87 N(0.12)	68.11 W(0.78)	2.4	MN=2.8(0.2)	3	4	2	0	
CENTRAL QUEBEC, NEAR GAGNON POSSIBLE BLAST, BUT NOT NORMAL GAGNON BLAST 340 KM S FROM SCH												
DEC 2	10	58	05.(1)	46.25 N(0.04)	75.50 W(0.06)	1.6	ML=3.5(0.3)	7	14	5	F	
SOUTHWESTERN QUEBEC NEAR NOTRE DAME DE PONTMAIN FELT AT NOTRE DAME DE PONTMAIN 40 KM E FROM MIQ DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
DEC 21	14	51	04.(1)	45.10 N(0.10)	74.06 W(0.04)	1.5	MN=2.7(0.5)	7	14	2	F	
SOUTHERN QUEBEC ON BORDER WITH NEW YORK STATE, NEAR HUNTINGDON, QUE. 60 KM SW FROM MNT DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
DEC 22	05	25	20.(1)	45.32 N(0.03)	67.12 W(0.04)	1.4	MN=2.9()	7	16	1	F	
SOUTHERN NEW BRUNSWICK ON BORDER WITH MAINE, NEAR ST. STEPHEN, N.B. 80 KM SW FROM UNB DEPTH = 10. KM(GEOPHYSICIST) (EPB)												
DEC 27	00	50	12.(1)	49.14 N(0.02)	67.44 W(0.06)	2.2	MN=3.5(0.3)	13	29	7	F	
LOWER ST. LAWRENCE RIVER, NORTH OF MATANE, QUE. 130 KM SW FROM SIC												
DEC 29	13	48	43.(2)	47.80 N(0.09)	74.42 W(0.07)	1.2	ML=2.5(0.2)	5	7	4	0	
SOUTH-CENTRAL QUEBEC, NEAR PARENT 200 KM NE FROM MIQ												

DATE	H-TIME (GMT)	LATITUDE	LONGITUDE	RMS	MAGNITUDE	NO. OF DATA
1974	HR MN SEC	DEG	DEG	SEC		STN PHA MAG

B. UNITED STATES EPICENTRES

MAR 18						
LDO	16 05	44.45 N	74.85 W			10 F
	NORTHERN NEW YORK STATE, 55 KM SOUTH OF MASSENA					
	MAG. 3.0 ML (0.2) FROM 3 STATIONS (EPB)					
	120 KM SE FROM OTT					
	DEPTH = 0. KM(LDO)					
JUN 07						
LDO	19 45 37.	41.57 N	74.67 W		MN=3.3	15 F
	NEAR WAPPINGER FALLS, N.Y.					
	TO PLASTER					
	FELT(VI) IN WAPPINGER FALLS AREA WITH MINOR DAMAGE					
	DEPTH = 5. KM (LDO)					
JUL 26						
LDO	01 18 24.	44.50 N	74.41 W			6 F
	NEAR CANNON CORNERS, N.Y.					
	NOT RECORDED AT MNT					
	DEPTH = 10. KM(LDO)					
SEP 29						
NEIS	02 26 17.	41.24 N	83.36 W		MN=3.0	7 8 F
	OHIO. FELT IN BOWLING GREEN, FINDLAY, FOSTORIA AND					
	TIFFIN					
NOV 27						
LDO	10 28 52.	43.33 N	79.01 W			10 F
	WESTERN END OF LAKE ONTARIO, SOUTH OF TORONTO					
	MAGNITUDE UNCERTAIN, LESS THAN 3					
	DEPTH = 0. KM(LDO)					

TABLE 2

EARTHQUAKES OF NORTHERN CANADA AND ADJACENT AREAS
1974

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

A. CANADIAN EPICENTRES

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG				
JAN 5	06 23 31.(2)	67.15 N(0.05)	65.42 W(0.25)	2.0	MN=3.6(0.3)	4 9 3				F
	CUMBERLAND PENNINSULA, BAFFIN ISLAND 410 KM N FROM FRB									
JAN 5	11 10 19.(1)	72.75 N(0.04)	89.88 W(0.18)	1.5	MN=2.8(0.5)	5 7 4				O
	BRODEUR PENNINSULA, BAFFIN ISLAND 270 KM SE FROM RES									
JAN 7	20 29 49.(2)	66.49 N(0.07)	95.14 W(0.37)	3.0	MN=2.4(0.1)	4 7 3				O
	WEST OF WAGER BAY, N.W.T. POOR SOLUTION 250 KM N FROM BLC									
FEB 2	20 11 26.(1)	74.19 N(0.05)	72.45 W(0.25)	1.9	ML=4.4(0.2)	6 11 3				F
	NORTHERN BAFFIN BAY 670 KM E FROM RES									
FEB 13	21 09 15.(1)	61.40 N(0.04)	75.01 W(0.15)	0.9	MN=3.2()	3 5 1				O
	NORTHERN QUEBEC, BETWEEN LAC NANTAIS AND CAPE SMITH 420 KM SW FROM FRB									
FEB 21	15 30 50.(1)	76.70 N(0.04)	106.54 W(0.21)	2.3	MN=4.2(0.2)	8 19 5				F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC									
FEB 22	06 03 09.(1)	76.69 N(0.05)	106.44 W(0.15)	1.6	MN=3.4(0.4)	6 14 2				F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC									
FEB 25	01 40 46.(1)	69.16 N(0.03)	119.48 W(0.10)	1.6	MN=3.5(0.4)	7 15 4				F
	NEAR BLUENOSE LAKE, 230 KM NORTHEAST OF COPPERMINE, N.W.T. 570 KM E FROM INK									
MAR 5	06 32 15.(1)	73.24 N(0.03)	70.32 W(0.16)	1.0	ML=4.0(0.4)	4 8 4				F
	NORTHERN BAFFIN BAY, EAST OF BYLOT ISLAND, N.W.T. 770 KM SE FROM RES									
MAR 8	17 48 08.(1)	74.12 N(0.04)	69.16 W(0.16)	1.7	ML=4.8(0.1)	10 16 5				F
NEIS	17 48 15.(0)	74.01 N(10KM)	70.19 W(5KM)	0.5	MB=4.7	8 8 3				
	NORTHERN BAFFIN BAY, EAST OF LANCASTER SOUND 770 KM E FROM RES									
MAR 11	12 30 08.(3)	61.39 N(0.09)	75.11 W(0.37)	2.1	MN=3.1(0.1)	3 5 2				O
	NORTHERN QUEBEC, BETWEEN LAC NANTAIS AND CAPE SMITH 430 KM SW FROM FRB									
MAR 28	17 30 17.(1)	76.68 N(0.04)	106.28 W(0.21)	2.2	MN=4.6()	8 18 1				F
NEIS	17 30 19.(0)	76.48 N(7KM)	106.78 W(7KM)	1.2	MB=4.3	9 9 5				
	NORTHEAST OF MELVILLE ISLAND, N.W.T. THREE AFTERSHOCKS AT MBC AND/OR RES 340 KM E FROM MBC									

DATE 1974	H-TIME (GMT)			LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
	HR	MN	SEC					STN	PHA	MAG	
APR 4	22	18	23.(2)	68.76 N(0.05)	134.60 W(0.37)	0.7		3	5	0	0
IN MACKENZIE RIVER DELTA, N.W.T. ONE FORESHOCK, ONE AFTERSHOCK AT INK MAGNITUDE UNCERTAIN, LESS THAN 3 70 KM NW FROM INK DEPTH = 10. KM(GEOPHYSICIST) (EPB) POOR SOLUTION											
APR 7	11	50	25.(4)	71.45 N(0.17)	75.74 W(0.54)	3.1	MN=2.8(0.4)	3	5	3	0
NORTHEASTERN BAFFIN ISLAND, NEAR BUCHAN GULF 720 KM SE FROM RES											
APR 10	22	13	28.(1)	64.47 N(0.07)	83.61 W(0.13)	3.1	MN=3.2(0.2)	6	11	6	0
SOUTHAMPTON ISLAND, WEST OF CORAL HARBOUR, N.W.T. TWO AFTERSHOCKS AT BLC 600 KM E FROM BLC											
APR 14	13	20	22.(3)	66.74 N(0.09)	135.52 W(0.43)	1.2	MN=3.2()	3	5	1	0
SOUTHERN RICHARDSON MOUNTAINS, Y.T. MAY BE MULTIPLE EVENT 190 KM SW FROM INK											
APR 21	04	48	50.(1)	74.33 N(0.83)	93.91 W(0.14)	2.4	MN=4.9(0.3)	12	29	9	F
NEIS	04	48	51.(1)	74.50 N(6KM)	93.99 W(7KM)	1.1	MB=4.2	18	18	9	
BARROW STRAIT, ABOUT 50 KM SOUTHEAST OF RESOLUTE, N.W.T. FELT(IV) IN RESOLUTE, COMMENCING WITH TWO SHARP JOLTS, FOLLOWED BY ABOUT 15 SEC ROLLING MOTION. SEVERAL PEOPLE AWAKENED BUT NO DAMAGE REPORTED EIGHT AFTERSHOCKS THIS DAY ON RES MAG. MS = 4.2 (NEIS) DEPTH = 28. KM(7) (NEIS) 50 KM SE FROM RES											
APR 24	09	03	14.(1)	76.51 N(0.06)	106.75 W(0.15)	1.1	MN=3.1()	3	8	1	F
NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC											
MAY 4	17	04	50.(1)	76.78 N(0.05)	106.63 W(0.11)	0.6	MN=3.1()	3	6	1	F
NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC											
MAY 7	19	00	20.(2)	61.53 N(0.13)	75.35 W(0.20)	2.9	MN=3.1(0.3)	3	6	2	F
NORTHERN QUEBEC, BETWEEN CAPE SMITH AND LAKE NANTAIS 430 KM SW FROM FRB											
MAY 7	22	35	60.(2)	77.25 N(0.14)	74.17 W(0.60)	0.8	MN=2.9()	2	5	1	0
IN JONES SOUND AT THE NORTHERN END OF BAFFIN BAY 630 KM E FROM RES											
MAY 9	22	48	18.(0)	65.42 N(0.03)	133.71 W(0.09)	1.8	MN=3.4(0.3)	14	21	3	F
NEIS	22	48	17.(0)	65.47 N(6KM)	133.89 W(5KM)	1.3	MB=3.6	17	17	1	
MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 320 KM S FROM INK											
MAY 12	18	15	13.(1)	65.41 N(0.02)	133.84 W(0.09)	1.3	MN=3.9(0.2)	9	19	4	F
MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY MAY BE MULTIPLE EVENT NO NEIS SOLUTION 320 KM S FROM INK											

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAY 15	03 34 15.(1)	76.47 N(0.31)	107.05 W(0.35)	0.5	MN=3.0()	2	5	1	0
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 320 KM E FROM MBC								
MAY 15	06 01 55.(3)	76.73 N(0.17)	106.04 W(0.41)	4.0	MN=3.1(0.1)	4	9	2	0
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 350 KM E FROM MBC								
MAY 16	05 10 24.(1)	76.64 N(0.05)	106.78 W(0.13)	0.6	MN=3.1(0.2)	3	5	2	0
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
MAY 16	05 42 58.(1)	76.58 N(0.09)	106.84 W(0.24)	1.9	MN=3.1(0.0)	4	7	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
MAY 17	06 54 35.(3)	66.49 N(0.15)	96.12 W(0.26)	1.6	MN=2.7(0.1)	3	6	2	F
	WEST OF WAGER BAY AND SOUTH OF CHANTREY INLET, N.W.T. 240 KM N FROM BLC								
MAY 19	00 47 24.(1)	64.22 N(0.06)	87.08 W(0.10)	2.1	MN=3.0(0.1)	5	9	5	F
	WESTERN SHORE OF SOUTHAMPTON ISLAND, N.W.T. 430 KM E FROM BLC								
MAY 23	09 10 12.(1)	65.45 N(0.04)	133.68 W(0.09)	2.0	MN=3.6(0.1)	13	21	4	F
NEIS	09 10 08.(0)	65.58 N(6KM)	133.61 W(3KM)	1.0	MB=4.2	12	12	2	
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 320 KM S FROM INK								
MAY 24	17 23 37.(3)	76.14 N(0.11)	120.57 W(0.63)	1.4	MN=2.8()	3	6	1	0
	ON OR NEAR PRINCE PATRICK ISLAND, ABOUT 35 KM FROM MOULD BAY N.W.T. LARGEST OF 95 EVENTS THIS DAY AND MANY SIMILAR EVENTS THROUGHOUT THIS MONTH RECORDED AT MBC DEPTH = 10. KM(GEOPHYSICIST) (EPB) POOR SOLUTION								
MAY 25	05 12 58.(2)	71.30 N(0.08)	67.21 W(0.33)	2.0	MN=3.4(0.1)	4	8	2	F
	BAFFIN BAY, EAST OF SCOTT INLET, N.W.T. 840 KM N FROM FRB								
MAY 27	11 42 57.(2)	71.65 N(0.07)	75.65 W(0.25)	3.2	MN=3.5(0.4)	7	15	8	0
	NORTHERN BAFFIN ISLAND, SOUTHWEST OF BUCHAN GULF, N.W.T. 700 KM SE FROM RES								
MAY 31	17 44 29.(1)	65.29 N(0.04)	134.53 W(0.23)	1.7	ML=3.5(0.1)	3	8	2	F
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 340 KM S FROM INK								
JUN 14	11 03 33.(1)	76.64 N(0.06)	106.49 W(0.16)	1.5	MN=3.2(0.2)	5	12	3	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC								
JUN 17	04 53 59.(0)	65.40 N(0.02)	133.78 W(0.09)	1.2	MN=2.9(0.2)	4	12	2	F
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 320 KM S FROM INK								
JUN 20	22 22 58.(1)	65.15 N(0.07)	122.55 W(0.11)	1.5	MN=3.1(0.2)	5	11	5	F
	GREAT BEAR LAKE, 30 KM EAST OF FORT FRANKLIN, N.W.T. 500 KM NW FROM YKC								

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JUN 28	08 49 52.(1)	63.19 N(0.07)	126.53 W(0.08)	1.5	MN=3.2()	3	7	1	F
	MACKENZIE MOUNTAINS, 160 KM WEST OF WRIGLEY, N.W.T. 530 KM NE FROM WHC								
JUN 29	23 30 56.(1)	73.90 N(0.03)	95.74 W(0.15)	1.6	MN=3.2(0.4)	5	9	4	F
	SOMERSET ISLAND, N.W.T. 90 KM S FROM RES								
JUN 30	06 39 02.(4)	74.94 N(0.23)	69.39 W(0.61)	1.9	ML=3.3()	3	6	1	0
	NORTHERN BAFFIN BAY, SOUTH OF CAPE YORK, GREENLAND 740 KM E FROM RES POOR SOLUTION								
JUL 8	06 39 34.(1)	64.99 N(0.03)	134.00 W(0.16)	1.5	ML=3.6(0.4)	5	10	2	F
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 370 KM S FROM INK								
JUL 19	01 23 11.(1)	65.38 N(0.04)	134.39 W(0.73)	0.8	ML=3.4(0.1)	3	5	2	0
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 330 KM S FROM INK								
JUL 19	16 38 23.(1)	71.97 N(0.06)	75.56 W(0.23)	3.3	MN=4.0(0.4)	9	16	8	0
	NORTHERN BAFFIN ISLAND, WEST OF BUCHAN GULF 960 KM N FROM FRB								
JUL 21	04 31 34.(1)	71.98 N(0.04)	75.46 W(0.18)	1.9	MN=3.6(0.2)	4	9	3	F
	NORTHERN BAFFIN ISLAND, WEST OF BUCHAN GULF 690 KM SE FROM RES								
JUL 21	16 24 28.(1)	65.25 N(0.04)	133.38 W(0.16)	1.7	MN=3.3()	5	10	1	F
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 340 KM S FROM INK								
AUG 1	02 02 30.(1)	60.86 N(0.09)	137.99 W(0.14)	3.1	ML=4.5()	9	10	1	0
NEIS	02 02 27.(0)	60.71 N(4KM)	137.88 W(4KM)	0.8		9	9	0	
	SOUTHWESTERN YUKON TERRITORY, NEAR KLUANE LAKE 160 KM W FROM WHC								
AUG 14	19 55 39.(1)	62.43 N(0.03)	124.45 W(0.07)	1.8	MN=4.1(0.2)	11	27	7	F
NEIS	19 55 35.(0)	62.46 N(4KM)	124.23 W(6KM)	1.0	MB=4.0	9	9	3	
	UPPER MACKENZIE RIVER VALLEY, SOUTH OF WRIGLEY, N.W.T. 510 KM W FROM YKC								
SEP 5	06 04 56.(3)	66.52 N(0.11)	95.77 W(0.20)	1.4	MN=2.9(0.1)	3	8	2	F
	WEST OF WAGER BAY, N.W.T. 250 KM N FROM BLC								
SEP 7	23 50 39.(1)	76.74 N(0.04)	100.88 W(0.15)	1.8	MN=3.8(0.1)	7	16	3	F
	BATHURST ISLAND, N.W.T. 280 KM NW FROM RES								
SEP 11	02 06 34.(1)	70.46 N(0.05)	126.61 W(0.19)	1.2	MN=2.4()	3	5	1	0
	IN AMUNDSEN GULF, NEAR CAPE PARRY, N.W.T. 360 KM NE FROM INK								
SEP 12	23 24 29.(1)	75.22 N(0.06)	96.85 W(0.33)	2.6	MN=3.7(0.1)	5	11	2	F
	ON OR NEAR CORNWALLIS ISLAND, N.W.T. 80 KM NW FROM RES								

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
SEP 14	02 02 56.(1)	80.03 N(0.06)	107.89 W(0.40)	1.5	ML=4.6(0.3)	5	9	3	F
	ARCTIC OCEAN, OFF ELLEF RINGNES ISLAND, N.W.T. 500 KM NE FROM MBC								
SEP 24	09 13 59.(1)	76.73 N(0.08)	106.37 W(0.30)	2.7	MN=3.9(0.1)	5	10	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC								
SEP 24	10 23 54.(1)	76.85 N(0.06)	106.36 W(0.21)	2.0	MN=3.9(0.2)	5	9	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC								
OCT 8	08 17 53.(1)	73.59 N(0.03)	96.02 W(0.21)	0.8	MN=2.8(0.6)	3	5	2	0
	WESTERN COAST OF SOMERSET ISLAND, N.W.T. ONE AFTERSHOCK RECORDED AT RES 130 KM S FROM RES								
OCT 12	01 26 07.(0)	78.29 N(0.02)	109.58 W(0.09)	0.4	ML=3.5(0.2)	3	6	3	F
	IN PRINCE GUSTAF ADOLF SEA, BETWEEN ELLEF RINGNES AND BORDEN ISLANDS, N.W.T. 330 KM NE FROM MBC								
NOV 8	11 28 13.(0)	79.73 N(0.03)	108.92 W(0.15)	0.6	ML=4.1(0.2)	6	9	4	F
	IN PRINCE GUSTAF ADOLF SEA, BETWEEN ELLEF RINGNES AND BORDEN ISLANDS, N.W.T. 460 KM NE FROM MBC								
DEC 9	04 27 07.(0)	64.97 N(0.04)	133.51 W(0.07)	2.1	MN=4.0(0.2)	15	26	3	F
NEIS	04 27 09.(1)	65.16 N(3KM)	134.10 W(4KM)	1.0	MB=4.3	33	33	9	
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY DEPTH = 34. KM(8) (NEIS) 370 KM S FROM INK								
DEC 9	12 36 18.(0)	76.54 N(0.01)	106.88 W(0.03)	0.2	MN=2.7()	3	7	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
DEC 15	19 51 26.(1)	64.95 N(0.04)	130.84 W(0.15)	2.0	MN=3.4(0.1)	6	12	3	F
	UPPER ARCTIC RED RIVER VALLEY, IN MACKENZIE MOUNTAINS N.W.T., NEAR BORDER WITH YUKON TERRITORY 390 KM S FROM INK								
DEC 16	09 06 48.(1)	72.04 N(0.03)	84.21 W(0.12)	0.6	MN=2.7(0.2)	3	4	2	0
	NORTHWESTERN BAFFIN ISLAND, NEAR ADMIRALTY INLET 450 KM SE FROM RES								
DEC 22	02 37 12.(1)	76.69 N(0.05)	106.75 W(0.15)	1.7	MN=3.1(0.1)	6	14	2	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
DEC 22	11 26 03.(0)	65.25 N(0.03)	134.72 W(0.09)	1.8	MN=3.4(0.2)	14	19	3	F
NEIS	11 26 05.(1)	65.46 N(9KM)	135.37 W(10KM)	1.0	MB=3.5	8	3	3	
	MACKENZIE MOUNTAINS, EAST-CENTRAL YUKON TERRITORY 340 KM S FROM INK								
DEC 27	22 53 44.(1)	76.62 N(0.04)	106.06 W(0.18)	2.3	MN=4.9(0.2)	16	28	9	F
NEIS	22 53 45.(0)	76.64 N(5KM)	106.20 W(7KM)	1.2	MB=4.8	17	17	9	
	NORTHEAST OF MELVILLE ISLAND, N.W.T. SWARM ACTIVITY, 16 EVENTS IN THE NEXT 24 HOURS TEN UNLOCATED EVENTS AT MBC AND/OR RES MAG. MS=4.2 (NEIS) 350 KM E FROM MBC								

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 27	23 00 16.(1)	76.68 N(0.03)	106.38 W(0.16)	1.5	MN=4.8(0.2)	9	12	4	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. READINGS OBSCURED BY PREVIOUS EVENT 340 KM E FROM MBC								
DEC 27	23 21 38.(1)	76.65 N(0.04)	106.30 W(0.22)	2.0	MN=4.6(0.1)	15	20	4	F
NEIS	23 21 41.(1)	76.69 N(7KM)	106.02 W(7KM)	1.0	MB=4.3	8	8	5	
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 340 KM E FROM MBC								
DEC 28	02 51 56.(1)	76.55 N(0.05)	106.75 W(0.12)	0.8	MN=2.7()	3	7	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
DEC 28	03 47 15.(1)	76.35 N(0.06)	106.94 W(0.16)	1.1	MN=3.1()	3	7	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								
DEC 28	06 17 46.(0)	76.70 N(0.03)	106.19 W(0.13)	1.3	MN=4.3(0.1)	14	19	4	F
NEIS	06 17 45.(1)	77.00 N(16KM)	106.36 W(5KM)	0.9	MB=4.1	8	8	5	
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 350 KM E FROM MBC								
DEC 29	11 27 29.(0)	81.22 N(0.05)	89.72 W(0.28)	0.7	ML=3.3()	3	6	1	F
	IN NANSEN SOUND, BETWEEN ELLESMERE AND AXEL HEIBERG ISLANDS, N.W.T. 450 KM SW FROM ALE								
DEC 31	14 11 50.(1)	76.53 N(0.10)	106.87 W(0.13)	0.5	MN=2.7()	3	6	1	F
	NORTHEAST OF MELVILLE ISLAND, N.W.T. 330 KM E FROM MBC								

B. ALASKAN EPICENTRES NORTH OF 60 N
AND EAST OF 145 W

FEB 21	16 28 04.(1)	60.33 N(6KM)	140.59 W(8KM)	0.9	MB=4.1	16	16	1	F
NEIS	SOUTHEASTERN ALASKA MAG. ML = 3.9 (PMR) DEPTH = 33. KM(13) (NEIS)								
FEB 23	08 09 46.(0)	60.66 N(5KM)	142.86 W(4KM)	0.8	MB=3.9	12	12	1	F
NEIS	SOUTHEASTERN ALASKA. DEPTH = 130. KM(8) (NEIS)								
MAR 04	06 54 33.(0)	60.11 N(6KM)	140.67 W(4KM)	0.9	MB=3.9	19	19	5	F
NEIS	SOUTHEASTERN ALASKA MAG. ML = 3.6 (PMR) DEPTH = 37. KM(6) (NEIS)								
MAR 21	11 41 37.(0)	66.18 N(5KM)	144.79 W(7KM)	1.2	MB=3.4	14	14	1	F
NEIS	NORTHEASTERN ALASKA, NEAR FORT YUKON DEPTH = 47. KM(10) (NEIS)								
MAR 31	05 07 44.(2)	68.85 N(0.11)	143.70 W(0.34)	1.6	MN=2.4()	3	7	1	F
	NORTHEASTERN ALASKA 420 KM W FROM INK								

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG
MAY 15 NEIS	16 17 21.(0)	66.39 N(7KM)	142.41 W(7KM)	1.0		7	7	0
	EAST-CENTRAL ALASKA							
MAY 21	01 37 45.(0)	70.42 N(0.00)	143.18 W(0.02)	0.0	ML=3.2(0.5)	2	4	2 0
	BEAUFORT SEA, OFF MARTIN POINT, ALASKA 450 KM NW FROM INK							
JUN 13 NEIS	00 42 38.(0)	60.39 N(3KM)	143.56 W(3KM)	0.8	MB=3.5	14	14	1 F
	SOUTHERN ALASKA							
JUL 13 NEIS	12 44 51.(0)	61.49 N(3KM)	145.01 W(3KM)	0.9	MB=4.7	40	40	12 F
	SOUTHERN ALASKA FELT(IV)							
JUL 20 NEIS	04 22 55.(0)	69.89 N(4KM)	145.46 W(4KM)	0.7		7	7	0 0
	NORTHEASTERN ALASKA							
SEP 22	11 07 50.(3)	65.22 N(0.07)	141.26 W(0.43)	2.0	ML=4.3()	4	8	1 F
	EAST-CENTRAL ALASKA, NEAR BORDER WITH YUKON 590 KM NW FROM WHC							
SEP 26 NEIS	05 28 49.(0)	64.25 N(4KM)	144.62 W(5KM)	1.1	MB=3.6	15	15	3 F
	EAST-CENTRAL ALASKA							
SEP 26 NEIS	05 40 22.(1)	64.17 N(4KM)	144.36 W(5KM)	0.9	ML=3.0	11	11	F
	EAST-CENTRAL ALASKA							
SEP 28 NEIS	17 33 33.(0)	60.05 N(6KM)	140.62 W(6KM)	1.3	MB=4.1	14	14	1 F
	SOUTHEASTERN ALASKA. DEPTH = 10. KM(GEOPHYSICIST) MAG. ML = 4.6 (PMR)							
NOV 05 NEIS	10 24 54.()	60.05 N(12KM)	140.43 W(10KM)	1.3	MB=4.0	10	10	2 F
	SOUTHEASTERN ALASKA. DEPTH = 13. KM(27) MAG. ML = 4.0 (PMR)							

C. NORTHERN GREENLAND AND ADJACENT AREAS

FEB 28 NEIS	28 18 49.(1)	81.59 N(12KM)	1.98 W(11KM)	1.1	MB=4.5	13	13	7 F
	NORTH OF SVALBARD AND NORTHEAST OF GREENLAND							
APR 21	15 32 34.(3)	75.70 N(0.66)	7.54 W(6.31)	4.9	MN=3.7()	3	5	1 0
	OFF EASTERN COAST OF GREENLAND MAGNITUDE UNCERTAIN 320 KM SE FROM DAG							
APR 24	04 49 03.(2)	82.69 N(0.35)	50.86 W(0.92)	1.9	MN=3.3()	4	5	1 0
	NORTHERN GREENLAND MAGNITUDE UNCERTAIN 170 KM E FROM ALE							
MAY 25 NEIS	20 13 30.(0)	70.97 N(5KM)	20.94 W(4KM)	0.9	MB=4.7	24	24	12 F
	EASTERN GREENLAND							
JUL 01 NEIS	05 12 04.(0)	79.86 N(6KM)	1.15 W(6KM)	1.0	MB=4.2	15	15	8 F
	GREENLAND SEA							

DATE 1974	H-TIME (GMT)			LATITUDE	LONGITUDE	RMS	MAGNITUDE	NO. OF DATA			
	HR	MN	SEC	DEG	DEG	SEC		STN	PHA	MAG	
JUL 14											
NEIS	05	12	11.(4)	79.80 N(11KM)	0.93 W(8KM)	0.7	M9=4.6	9	9	6	0
				GREENLAND SEA							
OCT 15											
NEIS	03	07	21.(0)	80.71 N(6KM)	2.84 W(5KM)	0.8	MB=4.4	5	5	5	0
				NORTH OF SVALBARD, OFF NORTHEASTERN COAST OF GREENLAND							
DEC 02											
NEIS	04	39	49.(1)	79.79 N(10KM)	18.32 W(8KM)	1.3	MB=3.7	7	7	2	0
				EASTERN GREENLAND							
DEC 4											
	01	28	19.(1)	79.09 N(0.05)	18.56 W(0.41)	0.4	MN=3.1()	3	5	1	0
				EASTERN GREENLAND 260 KM N FROM DAG							

TABLE 3

EARTHQUAKES OF WESTERN CANADA AND ADJACENT AREAS
1974

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

A. CANADIAN EPICENTRES

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JAN 6 UBC	14 41 13.(1) 14 41 11.	52.09 N(0.04) 52.11 N	118.06 W(0.06) 117.96 W	2.0	ML=3.7(0.2)	8	16	5	F
UPPER COLUMBIA RIVER, B.C., NEAR MICA CREEK MAG. 3.1 MN (EPB) DEPTH = 15. KM (UBC) 40 KM E FROM MCC									
JAN 6 UBC	16 33 30.(0) 16 33 27.	52.09 N(0.03) 52.11 N	118.11 W(0.04) 117.96 W	1.1	ML=3.2(0.1)	5	10	4	F
UPPER COLUMBIA RIVER, B.C., NEAR MICA CREEK MAG. 2.6 MN (EPB) DEPTH = 14. KM (UBC) 30 KM E FROM MCC									
JAN 6 UBC	17 35 15.(1) 17 35 13.	51.96 N(0.05) 52.10 N	118.16 W(0.05) 117.98 W	1.4	ML=2.8(0.3)	5	7	5	O
UPPER COLUMBIA RIVER, B.C., NEAR MICA CREEK MAG. 2.4 MN (EPB) DEPTH = 14. KM (UBC) 30 KM E FROM MCC									
JAN 17	08 48 02.(2)	49.12 N(0.19)	116.62 W(0.13)	2.3	ML=3.0(0.2)	3	6	3	F
SOUTHEASTERN BRITISH COLUMBIA, NEAR GRESTON POSSIBLE BLAST MAG. 2.6 MN (EPB) 220 KM E FROM PNT									
JAN 25	19 05 04.(2)	50.85 N(0.13)	130.70 W(0.18)	1.1	ML=3.7(0.1)	4	6	3	O
QUEEN CHARLOTTE SOUND 230 KM W FROM PHC									
JAN 29 NEIS	06 13 11.(1) 06 13 07.(2)	49.43 N(0.04) 49.31 N(2KM)	129.04 W(0.11) 129.12 W(3KM)	1.3 0.8	MB=4.7	12 33	14 33	2 14	O
WEST OF VANCOUVER ISLAND, 5 AFTERSHOCKS ON PHC THIS DAY MAG. 3.8 ML(0.1) FROM 2 STATIONS (EPB) MAG. 4.2 MS (NEIS) DEPTH = 14. KM(11) (NEIS) 180 KM SW FROM PHC									
FEB 12	03 04 53.(2)	50.21 N(0.06)	127.61 W(0.14)	1.1	ML=3.4(0.2)	4	7	4	F
NORTHWESTERN COAST OF VANCOUVER ISLAND NEAR BROOKS PENNINSULA FELT AT QUATSINO, B.C. 60 KM S FROM PHC									
FEB 13	15 45 14.(2)	49.90 N(0.08)	126.83 W(0.13)	1.6	ML=3.1(0.5)	4	7	4	F
WEST-CENTRAL COAST OF VANCOUVER ISLAND BETWEEN HECATE AND ZEBALLOS, B.C. 100 KM SE FROM PHC									

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA		
						STN	PHA	MAG
FEB 18	03 53 25.(1)	57.22 N(0.04)	124.92 W(0.16)	1.5	ML=3.5()	3	7	1 F
	NORTH-CENTRAL BRITISH COLUMBIA, 80 KM SOUTHEAST OF WARE MAG. 2.5 MN (EPB) 310 KM N FROM FSJ							
FEB 28	03 39 11.(1)	51.54 N(0.05)	130.96 W(0.06)	0.7	ML=2.8(0.3)	3	5	3 0
	QUEEN CHARLOTTE SOUND 210 KM S FROM QCC							
MAR 7	07 50 26.(2)	50.59 N(0.10)	130.36 W(0.18)	2.1		12	14	4 0
NEIS	07 50 29.(0)	50.76 N(4KM)	129.77 W(5KM)	1.	MB=4.2	21	21	10
	WEST OF VANCOUVER ISLAND MAG. 3.9 ML (0.2) FROM 4 STATIONS (EPB) 210 KM W FROM PHC							
MAR 24	07 20 00.(1)	51.73 N(0.06)	130.98 W(0.09)	1.2	ML=2.9(0.2)	3	7	3 F
	QUEEN CHARLOTTE SOUND, OFF SOUTHERN END OF QUEEN CHARLOTTE ISLANDS 190 KM SE FROM QCC							
MAR 27	11 44 32.(3)	50.15 N(0.19)	130.14 W(0.16)	1.3	ML=2.9(0.0)	3	5	2 0
	WEST OF VANCOUVER ISLAND 200 KM W FROM PHC							
APR 3	22 46 33.(1)	54.12 N(0.05)	133.41 W(0.12)	1.4	ML=4.5(0.6)	4	8	2 F
	OFF NORTHERN END OF QUEEN CHARLOTTE ISLANDS ONE FORESHOCK AT QCC 130 KM NW FROM QCC							
APR 8	23 24 41.(1)	54.25 N(0.09)	133.36 W(0.16)	3.3	ML=4.5(0.5)	11	17	2 0
NEIS	23 24 41.(1)	54.13 N(11KM)	134.10 W(7KM)	1.3	MB=4.0	12	12	2
	OFF NORTHERN END OF QUEEN CHARLOTTE ISLANDS FIVE AFTERSHOCKS THIS DAY ON QCC 140 KM NW FROM QCC							
MAY 3	13 27 14.(1)	52.07 N(0.11)	117.98 W(0.05)	1.1	ML=2.5(0.3)	3	5	3 0
UBC	13 27 13.	52.10 N	117.97 W					
	UPPER COLUMBIA RIVER B.C., NEAR MICA CREEK 40 KM E FROM MCC DEPTH = 14. KM (UBC)							
MAY 3	13 31 19.(0)	49.76 N(0.02)	126.15 W(0.03)	0.3	ML=2.9(0.2)	3	4	3 0
	CENTRAL VANCOUVER ISLAND, NEAR MUCHALAT, B.C. 140 KM SE FROM PHC							
MAY 15	20 52 42.(1)	52.29 N(0.04)	115.16 W(0.05)	2.1	MN=3.6(0.2)	10	23	5 F
	ROCKY MOUNTAINS OF WESTERN ALBERTA, 50 KM SOUTHWEST OF ROCKY MOUNTAIN HOUSE MAG. 3.8 ML (EPB) 160 KM SW FROM EDM							
MAY 20	11 44 37.(0)	52.61 N(0.04)	116.62 W(0.05)	1.0	MN=2.8(0.1)	5	9	2 F
	ROCKY MOUNTAINS OF WESTERN ALBERTA, 40 KM EAST OF BRAZEAU MAG. 2.8 ML (EPB) 150 KM NE FROM MCC							

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAY 20	12 05 51.(1)	52.90 N(0.05)	116.83 W(0.07)	1.6	MN=2.9(0.1)	5	11	2	F
	ROCKY MOUNTAINS OF WESTERN ALBERTA, 40 KM NORTHEAST OF BRAZEAU MAG. 2.9 ML (EPB) 150 KM NE FROM MCC								
MAY 23	18 05 23.(1)	50.23 N(0.09)	114.87 W(0.09)	1.6	ML=2.9(0.1)	3	5	3	0
	ROCKY MOUNTAINS ON B.C.-ALBERTA BORDER SOUTH OF CALGARY POSSIBLE BLAST 270 KM W FROM SES								
MAY 24	13 52 08.(3)	50.71 N(0.16)	130.38 W(0.22)	2.2	ML=3.6(0.4)	3	6	4	F
	WEST OF VANCOUVER ISLAND 210 KM W FROM PHC								
MAY 25	14 00 47.(1)	51.53 N(0.08)	129.46 W(0.11)	1.6	ML=3.1(0.4)	3	6	3	F
	QUEEN CHARLOTTE SOUND 170 KM NW FROM PHC								
MAY 30	01 00 02.(2)	49.28 N(0.13)	127.65 W(0.18)	3.3		13	16	4	0
NEIS	00 59 56.(1)	49.06 N(5KM)	128.39 W(8KM)	1.0	MB=4.8	17	17	16	
	WEST OF ESTEVAN POINT, VANCOUVER ISLAND MAG. 3.8 ML(0.3) FROM 4 STATIONS (EPB) 160 KM S FROM PHC								
JUN 19	11 17 55.(1)	53.86 N(0.03)	132.15 W(0.08)	1.1	ML=3.3(0.4)	4	8	3	F
	QUEEN CHARLOTTE ISLANDS, 30 KM SOUTH OF MASSET, B.C. 70 KM N FROM QCC DEPTH = 10. KM(GEOPHYSICIST)								
JUL 6	18 18 41.(1)	51.22 N(0.08)	115.68 W(0.08)	3.4	MN=3.1(0.5)	6	14	2	0
	ROCKY MOUNTAINS OF SOUTHWESTERN ALBERTA, NEAR BANFF POSSIBLE BLAST MAG. 3.6 ML (EPB) 220 KM SE FROM MCC								
JUL 6	21 44 38.(2)	49.66 N(0.04)	129.50 W(0.17)	1.3		9	12	2	F
NEIS	21 44 36.(0)	49.59 N(4KM)	129.49 W(4KM)	0.9	MB=4.4	22	22	6	
	WEST OF VANCOUVER ISLAND MAG. 3.4 ML(0.4) FROM 2 STATIONS (EPB) 190 KM SW FROM PHC								
JUL 7	01 25 30.(1)	59.42 N(0.06)	129.78 W(0.08)	1.1	ML=2.5()	3	6	1	F
	NORTHERN BRITISH COLUMBIA NEAR BORDER WITH YUKON TERRITORY, BETWEEN CASSIAR, B.C., AND WATSON LAKE, Y.T. MAG. 2.4 MN (EPB) 330 KM SE FROM WHC								
JUL 7	21 48 23.(0)	52.85 N(0.02)	129.09 W(0.02)	0.3	ML=2.6(0.3)	3	5	3	0
	COAST OF BRITISH COLUMBIA MAINLAND, WEST OF OCEAN FALLS 210 KM E FROM QCC								
JUL 13	16 39 37.(2)	50.35 N(0.15)	130.49 W(0.15)	0.9	ML=3.3(0.3)	3	4	2	0
	WEST OF VANCOUVER ISLAND 220 KM W FROM PHC								
JUL 14	04 43 51.(0)	49.72 N(0.02)	124.70 W(0.02)	0.2	ML=2.4(0.1)	3	4	3	0
	STRAIT OF GEORGIA, BETWEEN POWELL RIVER AND COURTENAY B.C. 160 KM NW FROM VIC								

DATE 1974	H-TIME (GMT)			LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA					
	HR	MN	SEC					STN	PHA	MAG			
JUL 20	03	24	24.(1)	50.81 N(0.05)	130.71 W(0.06)	0.5	ML=3.2(0.4)	3	4	3	0		
	WEST OF VANCOUVER ISLAND 230 KM W FROM PHC												
JUL 20	03	28	28.(0)	50.76 N(0.03)	130.62 W(0.04)	0.3	ML=3.0(0.3)	3	4	3	0		
	WEST OF VANCOUVER ISLAND 230 KM W FROM PHC												
JUL 20	19	15	57.(1)	49.70 N(0.05)	127.04 W(0.08)	2.1	ML=4.2(0.3)	13	24	2	F		
NEIS	19	15	59.(1)	49.92 N(7KM)	126.52 W(8KM)	1.4	MB=4.0	12	12	4			
	WESTERN COAST OF VANCOUVER ISLAND, NEAR ZEBALLOS, B.C. 120 KM S FROM PHC												
JUL 27	12	18	37.(1)	52.11 N(0.08)	117.98 W(0.09)	1.3	ML=2.2(0.5)	3	5	3	0		
	UPPER COLUMBIA RIVER, B.C., NEAR MICA CREEK NO UBC HYPOCENTER 40 KM E FROM MCC												
AUG 1	22	10	43.(2)	50.64 N(0.11)	130.35 W(0.19)	3.1		7	13	4	0		
NEIS	22	10	47.(1)	50.66 N(6KM)	129.67 W(7KM)	1.4	MB=4.1	19	19	7			
	WEST OF VANCOUVER ISLAND TWO UNLOCATED AFTERSHOCKS AT PHC MAG. 3.9 ML(0.2) FROM 4 STATIONS (EPB) 210 KM W FROM PHC												
AUG 2	02	20	18.(4)	50.18 N(0.23)	130.36 W(0.25)	1.2	ML=3.0(0.1)	3	4	2	0		
	WEST OF VANCOUVER ISLAND. AFTERSHOCK 220 KM W FROM PHC												
AUG 11	07	18	28.(1)	52.08 N(0.07)	117.95 W(0.08)	1.4	ML=2.6(0.3)	3	6	3	F		
UBC	07	18	26.	52.17 N	117.84 W								
	UPPER COLUMBIA RIVER, B.C., NEAR MICA CREEK DEPTH = 12. KM (UBC) 40 KM E FROM MCC												
AUG 15	15	46	49.(2)	50.68 N(0.11)	130.72 W(0.13)	1.4	ML=2.8(0.0)	3	5	2	0		
	WEST OF VANCOUVER ISLAND SWARM ACTIVITY. 3 SIMILAR EVENTS UNLOCATED AT PHC 230 KM W FROM PHC												
AUG 15	18	04	37.(2)	50.71 N(0.11)	130.68 W(0.13)	1.4	ML=3.1(0.2)	3	5	2	0		
	WEST OF VANCOUVER ISLAND SAME SOURCE AS PREVIOUS EVENT 230 KM W FROM PHC												
AUG 15	23	38	48.(3)	49.87 N(0.18)	130.26 W(0.15)	1.5	ML=3.3(0.1)	3	6	2	F		
	WEST OF VANCOUVER ISLAND NOT SAME SOURCE AS OTHER EVENTS THIS DAY 220 KM SW FROM PHC												
AUG 17	21	36	14.(2)	49.17 N(0.06)	128.36 W(0.20)	1.5	ML=3.1(0.0)	8	11	2	F		
NEIS	21	36	13.(0)	49.11 N(3KM)	128.40 W(4KM)	0.8	MB=4.7	17	17	6			
	WEST OF VANCOUVER ISLAND 180 KM S FROM PHC												
AUG 20	04	25	04.(2)	51.06 N(0.09)	130.70 W(0.15)	2.5	ML=4.3(0.4)	10	14	3	F		
NEIS	04	25	08.(0)	51.20 N(6KM)	129.94 W(6KM)	1.0	MB=4.3	12	12	8			
	QUEEN CHARLOTTE SOUND. 4 AFTERSHOCKS ON PHC 230 KM W FROM PHC												

DATE 1974	H-TIME (GMT)			LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
	HR	MN	SEC					STN	PHA	MAG	
AUG 22	13	01	36.(3)	48.96 N(0.09)	128.68 W(0.37)	1.2	ML=3.1()	7	8	1	0
NEIS	13	01	35.(1)	48.94 N(6KM)	128.60 W(7KM)	1.0	MB=4.4	13	13	6	
WEST OF VANCOUVER ISLAND 1 FORESHOCK, 1 AFTERSHOCK AT PHC 210 KM SW FROM PHC											
AUG 28	07	43	56.(3)	49.07 N(0.09)	128.75 W(0.39)	1.5		11	12	1	0
NEIS	07	43	56.(0)	49.11 N(3KM)	128.49 W(4KM)	1.0	MB=4.7	27	27	12	
WEST OF VANCOUVER ISLAND MAG. 3.5 ML FROM 1 STATION (EPB) 200 KM SW FROM PHC MAG. MS = 3.9 (NEIS)											
SEP 20	11	33	49.(2)	50.10 N(0.05)	127.79 W(0.14)	1.1	ML=3.5(0.2)	4	7	4	F
WESTERN COAST OF VANCOUVER ISLAND, NEAR KYUQUOT, B.C. 70 KM S FROM PHC DEPTH = 10. KM(GEOPHYSICIST)											
OCT 27	16	30	15.(1)	50.55 N(0.07)	122.55 W(0.16)	1.9	ML=2.5(0.3)	3	5	3	0
SOUTHWESTERN B.C. MAINLAND, NEAR BIRKEN 230 KM N FROM VIC											
OCT 29	09	38	36.(2)	47.98 N(0.10)	128.26 W(0.19)	1.3	ML=3.1(0.1)	6	8	2	0
NEIS	09	38	39.(1)	48.17 N(5KM)	127.68 W(9KM)	1.0	MB=4.2	10	10	4	
SOUTHWEST OF VANCOUVER ISLAND 310 KM S FROM PHC											
NOV 7	23	56	52.(4)	51.81 N(0.24)	131.34 W(0.31)	2.4	ML=2.6()	3	4	1	0
QUEEN CHARLOTTE SOUND, OFF CAPE ST. JAMES, QUEEN CHARLOTTE ISLANDS 170 KM S FROM QCC											
NOV 14	21	48	18.(1)	49.31 N(0.07)	129.57 W(0.15)	1.4		12	13	2	0
NEIS	21	48	18.(1)	49.34 N(5KM)	129.23 W(7KM)	1.2	MB=4.4	16	16	7	
WEST OF VANCOUVER ISLAND MAG. 3.3 ML(0.0) FROM 2 STATIONS (EPB) 220 KM SW FROM PHC											
NOV 23	23	52	37.(2)	50.46 N(0.14)	130.27 W(0.21)	2.0	ML=3.4(0.4)	5	7	3	0
WEST OF VANCOUVER ISLAND 200 KM W FROM PHC											
NOV 25	02	43	14.(2)	49.84 N(0.07)	127.22 W(0.13)	1.4	ML=3.3(0.4)	4	7	4	F
WESTERN COAST OF VANCOUVER ISLAND, NEAR NOOTKA ISLAND 100 KM S FROM PHC											
NOV 26	14	29	41.(2)	50.80 N(0.14)	130.09 W(0.20)	1.7	ML=3.6(0.4)	8	9	4	0
NEIS	14	29	43.(2)	50.67 N(8KM)	129.64 W(22KM)	1.3	MB=4.5	9	9	5	
WEST OF VANCOUVER ISLAND 190 KM W FROM PHC											
DEC 4	06	28	47.(2)	51.64 N(0.13)	130.82 W(0.18)	2.3	ML=3.7()	3	6	1	F
QUEEN CHARLOTTE SOUND, OFF SOUTHERN END OF QUEEN CHARLOTTE ISLANDS 200 KM SE FROM QCC											
DEC 5	02	25	02.(0)	52.26 N(0.03)	115.27 W(0.03)	0.7	ML=2.6(0.3)	3	6	2	F
ROCKY MOUNTAINS OF WESTERN ALBERTA, WEST OF ROCKY MOUNTAIN HOUSE POSSIBLE BLAST 170 KM SW FROM EDM											

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 7	00 01 23.(2)	49.05 N(0.06)	129.14 W(0.24)	0.8	ML=3.1(0.2)	6	7	2	0
NEIS	00 01 24.(3)	49.26 N(11KM)	128.63 W(26KM)	1.3	MB=4.1	7	7	3	
WEST OF VANCOUVER ISLAND 220 KM SW FROM PHC									
DEC 11	05 48 31.(1)	52.31 N(0.04)	131.87 W(0.08)	0.8	ML=3.0(0.8)	3	6	2	F
WESTERN COAST OF SOUTHERN QUEEN CHARLOTTE ISLANDS 110 KM S FROM QCC									
DEC 11	12 28 07.(2)	52.19 N(0.09)	131.83 W(0.16)	1.1	ML=3.2(0.1)	3	4	2	0
WESTERN COAST OF SOUTHERN QUEEN CHARLOTTE ISLANDS 120 KM S FROM QCC									
DEC 23	10 36 48.(2)	49.10 N(0.10)	119.48 W(0.09)	1.9	ML=2.2()	4	6	1	0
OKANAGAN VALLEY IN SOUTH-CENTRAL BRITISH COLUMBIA NEAR OLIVER. FELT IN OLIVER ONE FORESHOCK, SIX AFTERSHOCKS RECORDED AT PNT 30 KM SE FROM PNT DEPTH = 10. KM(GEOPHYSICIST) (EPB)									

B. UNITED STATES EPICENTRES
NORTHERN WASHINGTON, IDAHO AND MONTANA

APR 20	03 00 09.	46.76 N	121.52 W		MB=4.8	51	51	7	F
NEIS	WEST-CENTRAL WASHINGTON STATE FELT(V) IN LEWIS COUNTY, WASHINGTON DEPTH = 5. KM (NEIS)								
APR 21	14 08 55.(1)	46.79 N(0.06)	121.68 W(0.05)	1.0	ML=3.6(0.6)	4	9	2	F
WEST-CENTRAL WASHINGTON STATE, SOUTHEAST OF SEATTLE AFTERSHOCK. NO NEIS SOLUTION 230 KM SE FROM VIC									
MAY 16	13 04 36.(2)	48.14 N(2KM)	122.92 W(2KM)	0.7	MB=3.8	26	26	3	F
NEIS	PUGET SOUND AREA OF WASHINGTON STATE FELT IN VICTORIA, B.C.								
MAY 25	06 59 22.(1)	48.12 N(0.04)	121.97 W(0.02)	0.3	ML=3.2(0.2)	3	6	2	F
NORTHWESTERN WASHINGTON STATE 120 KM SE FROM VIC									
MAR 2	00 31 50.(2)	48.06 N(0.12)	114.39 W(0.08)	1.5	MB=2.7()	3	6	1	F
MONTANA, NEAR FLATHEAD LAKE 360 KM SW FROM SES									
JUL 26	23 36 03.(0)	48.72 N(2KM)	114.89 W(2KM)	0.6	ML=3.7	19	19	1	F
NEIS	NORTHWESTERN MONTANA, NEAR BORDER WITH BRITISH COLUMBIA								
NOV 1	20 23 00.(0)	48.62 N(0.02)	123.05 W(0.03)	0.9	ML=3.4(0.1)	16	19	3	F
NEIS	20 22 59.	48.64 N	123.19 W			19	19		
NEAR ORCAS ISLAND IN PUGET SOUND OF WASHINGTON STATE FELT(III) ON SAN JUAN AND ORCAS ISLANDS, WASHINGTON FELT(III) IN SIDNEY, SAANICH PENINSULA, AND KITSOLINO FELT(II) IN VICTORIA, SOOKE, SHAWINIGAN, LAKE DUNCAN, CHEMAINUS, LADNER AND THE GULF ISLANDS IN CANADA SEE FIGURE 9 30 KM E FROM VIC NEIS CALCULATES A DEPTH OF 53. KM DEPTH = 33. KM(23.) (EPB)									

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 1 NEIS	06 23 57.(0) 06 23 56.	47.59 N(0.01) 47.60 N	122.38 W(0.02) 122.32 W	0.7	ML=2.8(0.7)	13 12	15 12	2 0	0
SOUTHERN PUGET SOUND REGION OF WASHINGTON STATE 130 KM SE FROM VIC DEPTH = 13. KM (NEIS)									
DEC 15 NEIS	17 58 07.(0) 17 59 06.	48.51 N(0.02) 48.50 N	122.04 W(0.02) 122.08 W	0.7	ML=2.8()	14 13	17 13	1 0	F
NORTHWESTERN WASHINGTON STATE FELT(VI) IN THE CONCRETE-SEDRO WOOLEY AREA OF WASHINGTON ONE AFTERSHOCK RECORDED AT VIC AT 18 06 100 KM E FROM VIC DEPTH = 1. KM (NEIS)									
DEC 25	02 27 34.(1)	48.12 N(0.06)	114.63 W(0.04)	0.7	MN=2.2()	3	5	1	0
MONTANA, NEAR FLATHEAD LAKE 360 KM SW FROM SES									
C. UNITED STATES EPICENTRES ALASKA SOUTH OF 60 N AND EAST OF 145 W									
JAN 2	18 43 20.(1)	55.90 N(0.03)	135.77 W(0.09)	0.6	ML=3.4(0.1)	3	5	2	0
OFF COAST OF SOUTHEASTERN ALASKA NO SOLUTION BY NEIS 380 KM NW FROM OCC									
JAN 02 NEIS	11 29 38.(4)	59.01 N(5KM)	140.18 W(4KM)	0.9	MB=3.7	15	15	2	F
SOUTHEASTERN ALASKA MAG. ML = 4.2 (PMR) DEPTH = 15. KM(31) (NEIS)									
JAN 06 NEIS	11 49 23.(0)	59.03 N(5KM)	139.99 W(4KM)	0.7	MB=3.3	13	13	1	F
SOUTHEASTERN ALASKA MAG. ML = 4.1 (PMR)									
JAN 27 NEIS	04 39 38.(2)	59.35 N(5KM)	136.37 W, 4KM)	1.1	MB=4.0	18	18	6	F
SOUTHEASTERN ALASKA. DEPTH = 29. KM(16) (NEIS)									
FEB 07 NEIS	13 51 55.(0)	59.17 N(4KM)	137.03 W(4KM)	0.9	MB=4.0	15	15	7	F
SOUTHEASTERN ALASKA									
FEB 12 NEIS	04 17 03.(0)	59.81 N(3KM)	141.55 W(3KM)	0.6		14	14		F
SOUTHEASTERN ALASKA. DEPTH = 59. KM(16) (NEIS)									
APR 15 NEIS	16 27 36.(1)	59.19 N(3KM)	136.43 W(3KM)	0.7	MB=4.2	26	26	7	F
SOUTHEASTERN ALASKA FELT AT HAINES, ALASKA MAG. ML = 4.0 (PMR) DEPTH = 7. KM(10) (NEIS)									
APR 18 NEIS	21 54 26.(1)	59.16 N(5KM)	139.97 W(3KM)	1.0	MB=3.9	19	19	3	F
SOUTHEASTERN ALASKA ONE FORESHOCK, ONE AFTERSHOCK AT WHC MAG. ML = 4.4 (PMR) DEPTH = 28. KM(8) (NEIS)									
MAY 01 NEIS	10 21 53.(1)	58.65 N(5KM)	137.63 W(4KM)	0.8	MB=3.6	12	12	4	F
SOUTHEASTERN ALASKA. DEPTH = 17. KM(9) (NEIS)									

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JUL 21	16 33 34.(3)	59.13 N(0.10)	140.27 W(0.42)	2.7	ML=4.1()	4	7	1	F
	OFF SOUTHEASTERN ALASKA, NEAR YAKUTAT BAY 340 KM SW FROM WHC								
SEP 20	01 49 37.(0)	59.96 N(6KM)	141.45 W(5KM)	1.5	MB=3.9	15	15	5	F
NEIS	SOUTHEASTERN ALASKA. DEPTH = 5. KM(GEOPHYSICIST)								
SEP 21	20 34 35.(1)	59.55 N(5KM)	143.76 W(5KM)	0.9		15	15		F
NEIS	GULF OF ALASKA. DEPTH = 108. KM(19)								
OCT 17	12 05 54.(0)	59.19 N(3KM)	144.67 W(2KM)	0.4	MB=3.4	8	8	1	0
NEIS	GULF OF ALASKA. DEPTH = 38. KM(8) MAG. ML = 3.5 (PMR)								

TABLE 4

EARTHQUAKES OF CENTRAL CANADA AND ADJACENT AREAS
1974

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

A. CANADIAN EPICENTRES

DATE 1974	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	

NO CANADIAN EPICENTRES IN 1974

B. UNITED STATES EPICENTRES

AUG 30	16 41 59.(1)	44.70 N(2KM)	110.80 W(2KM)	0.9	MB=4.5	40	40	7	F
NEIS	YELLOWSTONE PARK, WYOMING FELT(V) THROUGHOUT THE PARK LARGEST OF MANY EVENTS LOCATED IN THIS AREA BY NEIS RECORDED STRONGLY ON SEISMOGRAPH STATIONS IN WESTERN CANADA ALONG WITH MANY AFTERSHOCKS. EVENTS IN THIS AREA ARE NOT NORMALLY INCLUDED IN CATALOGUES OF CANADIAN EARTHQUAKES MAG. ML = 4.5 (NEIS) DEPTH = 1. KM(4) (NEIS)								
NOV 28	01 48 24.(0)	47.69 N(3KM)	113.01 W(5KM)	0.8		10	10		F
NEIS	MONTANA. DEPTH = 5. KM(GEOPHYSICIST)								

TABLE 5

UNLOCATED EVENTS RECORDED AT ALE

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	18 48	540	MN=2.5	POORLY RECORDED AT RES
JAN 5	12 07	223	ML=1.7	
JAN 8	19 21	38	ML=0.7	
JAN 15	03 09	360	ML=2.3	NO LG, ARCTIC OCEAN
JAN 16	18 12	38	ML=2.2	MAGNITUDE UNCERTAIN. POORLY RECORDED AT MBC, RES NOT OP.
JAN 16	19 10	82	ML=1.7	
JAN 16	19 52	99	ML=1.0	
JAN 17	23 03	82	ML=1.7	
JAN 26	18 34	38	ML=2.2	MAGNITUDE UNCERTAIN. ALSO AT RES
JAN 31	10 24	977	ML=3.7	NO LG, ARCTIC OCEAN. POORLY RECORDED AT RES
FEB 4	09 58	107	ML=1.1	
FEB 6	03 56	735	ML=3.6	NO LG, ARCTIC OCEAN
MAR 13	22 08	371	ML=2.8	ALSO AT RES
MAR 19	13 08	141	ML=2.5	ALSO AT RES
APR 6	09 02	107	ML=1.8	POORLY RECORDED AT RES
APR 20	13 41	116	ML=2.0	UNUSUAL SIGNATURE
MAY 18	06 18	735	ML=3.3	NO LG, ARCTIC OCEAN
MAY 20	16 14	757	ML=3.7	NO LG, ARCTIC OCEAN. POORLY RECORDED AT RES
MAY 23	15 54	327	ML=3.0	NO LG, ARCTIC OCEAN
MAY 31	13 57	99	ML=1.8	
JUN 5	02 49	834	ML=3.6	NO LG, ARCTIC OCEAN
JUN 6	06 55	349	ML=2.3	NO LG, ARCTIC OCEAN
JUN 19	20 25	755	MN=3.1	NOT RECORDED ELSEWHERE. UNUSUAL SIGNATURE PROBABLY EASTERN GREENLAND
JUL 5	11 19	743	MN=2.9	PROBABLY EASTERN GREENLAND. NOT RECORDED ELSEWHERE
JUL 5	16 16	860	MN=3.2	EASTERN GREENLAND. ALSO AT DAG (EP 16 16 51)
JUL 13	11 14	988	ML=3.7	NO LG, ARCTIC OCEAN
JUL 20	14 28	859	MN=3.5	PROBABLY EASTERN GREENLAND RES NOT OPERATING. POORLY RECORDED AT MBC.
JUL 22	12 42	73	ML=2.2	RES NOT OPERATING
AUG 14	05 56	38	ML=0.9	
AUG 22	09 58	218	ML=1.7	
AUG 24	13 07	141	ML=1.6	
AUG 24	21 59	613	MN=2.8	PROBABLY OFF EASTERN GREENLAND. NOT RECORDED ELSEWHERE
AUG 25	05 29	812	MN=3.1	PROBABLY OFF EASTERN GREENLAND. NOT RECORDED ELSEWHERE
AUG 26	05 51	591	MN=2.5	PROBABLY OFF EASTERN GREENLAND. NOT RECORDED ELSEWHERE
AUG 26	06 50	580	MN=2.9	PROBABLY OFF EASTERN GREENLAND. NOT RECORDED ELSEWHERE
SEP 2	05 24	988	ML=3.7	NO LG, ARCTIC OCEAN
SEP 10	04 15	408	ML=2.6	
SEP 10	16 41	944	ML=3.8	NO LG, ARCTIC OCEAN. MAX IN P PHASE
SEP 10	17 31	977	ML=3.7	NO LG, ARCTIC OCEAN
SEP 13	11 59	730	MN=2.4	PROBABLY OFF EASTERN GREENLAND. NOT RECORDED ELSEWHERE MAY BE 2 EVENTS
SEP 21	18 07	920	MN=2.9	GREENLAND. NOT RECORDED ELSEWHERE
OCT 12	22 26	856	MN=2.5	PROBABLY EASTERN GREENLAND. ALSO AT DAG (IPC 22 26 50.8)
OCT 18	21 16	150	ML=1.3	
OCT 19	15 59	812	MN=2.7	PROBABLY EASTERN GREENLAND. NOT RECORD ELSEWHERE
OCT 21	12 07	779	ML=3.4	NO LG, ARCTIC OCEAN
OCT 23	11 10	184	ML=1.6	
NOV 8	18 12	867	ML=3.5	NO LG, ARCTIC OCEAN. MAX IN P
NOV 24	01 19	349	ML=2.6	NO LG, ARCTIC OCEAN
NOV 26	02 06	32	ML=0.4	DEPTH = 10. KM (GEOPHYSICIST)
DEC 14	04 43	845	ML=3.2	NO LG, ARCTIC OCEAN
DEC 19	09 12	452	ML=2.4	ELLESMERE ISLAND OR GREENLAND
DEC 20	02 30	459	ML=3.1	NO LG, ARCTIC OCEAN
DEC 21	06 41	477	ML=2.6	ELLESMERE ISLAND OR GREENLAND

TABLE 6

UNLOCATED EVENTS RECORDED AT BLC

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 10	10 26	350	ML=2.8	POORLY RECORDED AT FRB AND FCC
APR 10	23 03	516	MN=2.4	AFTERSHOCK. SEE TABLE 2 A FOR MAIN SHOCK THIS DAY
APR 11	13 27	516	MN=2.4	AFTERSHOCK
APR 13	10 42	274	ML=2.1	
MAY 1	06 58	287	ML=2.7	POORLY RECORDED AT FCC
AUG 20	20 25	167	ML=1.8	DISTANCE UNCERTAIN
AUG 28	19 21	418	ML=3.5	PROBABLY NEAR WAGER BAY, N.W.T.
NOV 21	15 29	338	ML=2.4	
NOV 22	03 18	294	ML=2.8	UNUSUAL RECORD. POORLY RECORDED AT YKC. NOT AT FCC

TABLE 7

UNLOCATED EVENTS RECORDED AT CHQ

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				CHQ RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS STATION IS THEREFORE UNCERTAIN
JUL 14	03 46	99	ML=1.4	BLAST NEAR THETFORD MINES, P.O. AT 10 45 PM ON SATURADAY
OCT 9	22 08	116	ML=1.8	ALSO AT SFA
NOV 4	20 45	64	ML=1.6	POSSIBLE BLAST NEAR VICTORIAVILLE, P.Q.

TABLE 8

UNLOCATED EVENTS RECORDED AT EDM

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				EDM RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS STATION IS THEREFORE UNCERTAIN
MAY 27	06 29	192	ML=1.7	PROBABLY WEST OF EDM. NOT RECORDED ELSEWHERE
JUL 8	07 06	167	ML=2.6	
JUL 11	02 29	167	ML=2.1	POSSIBLE BLAST
SEP 5	10 38	175	ML=2.0	PROBABLE BLAST AT 03 39 MST

TABLE 9

UNLOCATED EVENTS RECORDED AT FCC

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
APR 26	03 09	287	ML=2.0	POSSIBLE BLAST. UNUSUAL SIGNATURE. ALSO AT FCC

TABLE 10

UNLOCATED EVENTS RECORDED AT FCC

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
APR 26	03 09	338	ML=2.1	ALSO AT FCC

TABLE 11

UNLOCATED EVENTS RECORDED AT FRB

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 4	15 24	167	ML=1.7	
JAN 7	14 55	403	ML=3.1	PROBABLY BAFFIN ISLAND
JAN 9	22 09	403	ML=2.8	MULTIPLE EVENT. POORLY RECORDED AT RES AND BLC BAFFIN ISLAND
JAN 9	22 10	403	ML=3.5	MULTIPLE EVENT
JAN 11	11 13	376	ML=2.5	
JAN 11	11 31	331	ML=2.3	
JAN 16	02 58	82	ML=1.2	
JAN 16	03 25	344	ML=2.9	POORLY RECORDED AT RES
JAN 20	06 42	951	MN=3.1	ALSO AT RES
JAN 21	02 26	300	ML=1.8	
JAN 28	08 01	471	ML=3.0	PROBABLY CENTRAL BAFFIN ISLAND
JAN 31	06 15	834	MN=2.6	POOR AT RES
FEB 11	09 03	437	ML=3.2	PROBABLY BAFFIN ISLAND
APR 2	21 34	614	MN=2.5	CENTRAL BAFFIN ISLAND
APR 9	00 12	209	ML=1.7	
APR 14	17 57	300	ML=2.0	
MAY 11	19 17	141	ML=1.2	
MAY 12	22 33	327	ML=2.2	
MAY 13	10 55	158	ML=1.1	
MAY 18	22 57	305	ML=2.1	
JUN 17	00 31	459	ML=3.0	NO LG, DAVIS STRAIT. POORLY RECORDED AT BLC
JUN 24	18 10	325	ML=2.5	POORLY RECORDED AT BLC
JUL 20	22 01	793	MN=3.3	PROBABLY NORTHERN BAFFIN ISLAND. RES NOT OPERATING
AUG 5	14 40	813	MN=3.0	PROBABLY BAFFIN ISLAND. POORLY RECORDED AT RES AND BLC
AUG 22	08 37	544	MN=3.2	PROBABLY CENTRAL BAFFIN ISLAND
SEP 24	14 01	426	ML=3.0	PROBABLY BAFFIN ISLAND
SEP 28	08 52	490	ML=3.4	PROBABLY BAFFIN ISLAND. POORLY RECORDED AT BLC NOT AT RES OR PBO
OCT 11	23 25	543	MN=3.2	PROBABLY BAFFIN ISLAND. NOT AT PBQ OR RES
DEC 27	05 34	223	ML=2.2	
DEC 28	15 53	426	ML=2.8	

DEC 29	03 47	426	ML=3.0	PROBABLY BAFFIN ISLAND
DEC 31	05 40	388	ML=2.8	

TABLE 12

UNLOCATED EVENTS RECORDED AT FSJ

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 12	17 54	22	ML=1.3	DEPTH = 10. KM (GEOPHYSICIST) UNUSUAL RECORD. NOT RECORDED ELSEWHERE. FM = D
APR 6	22 36	251	ML=2.3	
APR 26	19 36	150	ML=2.3	POSSIBLE BLAST

TABLE 13

UNLOCATED EVENTS RECORDED AT HAL

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 5	06 00	209	ML=2.2	POORLY RECORDED AT UNB. POSSIBLE BLAST
JUN 28	13 21	82	ML=2.8	PROBABLY EXPLOSION AT SEA
JUL 9	20 16	167	ML=2.1	
NOV 14	11 48	73	ML=2.6	PROBABLY EXPLOSION AT SEA
NOV 14	11 53	73	ML=2.7	PROBABLY EXPLOSION AT SEA

TABLE 14

UNLOCATED EVENTS RECORDED AT HV

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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HV OPERATED INTERMITTENTLY FROM MARCH 21 TO NOVEMBER 25

JUL 4	12 37	167	ML=1.9	
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TABLE 15

UNLOCATED EVENTS RECORDED AT INK

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	08 13	209	ML=1.7	
JAN 3	17 49	369	ML=2.5	PROBABLY ALASKA
JAN 7	06 53	201	ML=2.8	
JAN 11	05 39	369	ML=2.5	
JAN 11	12 41	201	ML=2.4	
JAN 12	00 10	226	ML=2.3	
JAN 12	02 52	226	ML=2.4	
JAN 13	01 56	99	ML=1.7	POSSIBLE BLAST
JAN 13	10 21	124	ML=1.3	
JAN 13	20 02	107	ML=1.6	POSSIBLE BLAST
JAN 13	22 55	312	ML=2.9	

JAN 14	20 24	107	ML=2.1
JAN 15	01 35	319	ML=2.3
JAN 15	18 18	167	ML=1.5
JAN 20	14 40	201	ML=2.5
JAN 24	04 43	209	ML=2.0
JAN 27	08 48	167	ML=2.0
JAN 28	06 30	141	ML=1.7
FEB 2	04 01	414	ML=3.0
FEB 5	11 22	158	ML=1.4
FEB 11	16 32	223	ML=1.8
FEB 11	19 10	255	ML=1.9
FEB 14	00 24	209	ML=2.0
FEB 16	17 48	192	ML=1.9
FEB 17	23 04	363	ML=2.8
FEB 28	11 11	209	ML=1.4
MAR 2	22 08	414	ML=2.7
MAR 2	22 34	414	ML=2.7
MAR 5	17 05	236	ML=2.3
MAR 9	03 14	204	ML=2.2
MAR 11	08 27	287	ML=2.1
MAR 11	17 32	141	ML=1.8
MAR 12	06 11	230	ML=1.9
MAR 12	18 12	47	ML=1.0
MAR 12	23 42	274	ML=1.8
MAR 14	13 43	445	ML=2.8
MAR 15	19 57	261	ML=2.3
MAR 17	16 03	613	ML=2.3
MAR 21	01 59	325	ML=2.0
MAR 21	08 51	192	ML=1.7
MAR 21	20 01	331	ML=2.1
MAR 22	07 00	234	ML=2.5
MAR 22	07 14	209	ML=1.7
MAR 26	03 17	192	ML=2.1
MAR 26	09 47	158	ML=2.4
MAR 26	13 44	184	ML=1.6
MAR 28	14 09	251	ML=2.7
MAR 28	17 36	184	ML=2.2
MAR 29	12 09	141	ML=1.8
MAR 30	20 39	167	ML=1.5
MAR 31	06 01	426	ML=2.7
APR 1	15 01	192	ML=1.6
APR 2	00 26	167	ML=1.5
APR 3	13 24	274	ML=2.1
APR 4	22 14	56	ML=1.3
APR 5	00 42	56	ML=0.8
APR 5	04 23	319	ML=2.3
APR 5	21 57	73	ML=1.3
APR 6	01 27	226	ML=2.3
APR 6	14 36	56	ML=1.7
APR 6	14 56	319	ML=1.9
APR 6	19 58	124	ML=1.6
APR 11	16 28	133	ML=1.6
APR 15	13 18	99	ML=0.8
APR 15	13 43	319	ML=1.9
APR 16	05 42	350	ML=2.1
APR 16	05 51	350	ML=1.7
APR 16	06 11	357	ML=2.4
APR 16	20 20	540	ML=2.3
APR 17	13 53	249	ML=2.2

NORTHERN YUKON OR ALASKA

NORTHERN YUKON. POORLY RECORDED AT MBC AND YKC

NORTHERN ALASKA. POORLY RECORDED AT MBC
 NORTHERN ALASKA. POORLY RECORDED AT MBC

ALSO AT YKC

NORTHERN ALASKA

SEE TABLE 2 B FOR LOCATION OF SIMILAR EVENT THIS DAY

FORESHOCK. SEE TABLE 2 A FOR MAIN SHOCK THIS DAY
 AFTERSHOCK

PROBABLE BLAST

THREE SIMILAR EVENTS THIS DAY

NORTHERN ALASKA. ALSO AT MBC
 PROBABLY NORTHERN ALASKA. NOT RECORDED ELSEWHERE

APR 20	20 29	277	ML=2.1	
APR 21	01 09	38	ML=1.1	LARGEST OF 4 SIMILAR EVENTS THIS DAY. UNUSUAL SIGNATURE
APR 25	18 28	56	ML=1.1	
APR 28	05 02	158	ML=1.5	
APR 29	10 42	141	ML=2.2	
MAY 1	23 26	184	ML=2.6	
MAY 2	12 21	312	ML=2.5	
MAY 4	01 02	249	ML=2.3	
MAY 7	18 57	99	ML=1.3	
MAY 7	23 04	218	ML=2.4	
MAY 9	15 58	287	ML=2.9	NORTHERN ALASKA. POORLY RECORDED AT MBC
MAY 14	19 08	280	ML=2.8	NORTHERN YUKON TERRITORY. POORLY RECORDED AT YKC
MAY 16	23 56	82	ML=1.0	
MAY 21	15 06	192	ML=2.9	
MAY 25	09 01	192	ML=2.8	
MAY 28	13 09	223	ML=2.3	
MAY 31	07 38	344	ML=2.1	
MAY 31	08 41	175	ML=1.7	
JUN 3	01 54	201	ML=2.3	
JUN 4	20 19	421	ML=2.7	POORLY RECORDED AT WHC
JUN 8	03 51	175	ML=2.2	
JUN 9	21 09	534	MN=2.4	POORLY RECORDED AT WHC
JUN 11	17 50	204	ML=1.9	
JUN 13	03 33	175	ML=1.9	
JUN 14	12 01	236	ML=1.6	
JUN 14	14 35	327	ML=2.1	
JUN 15	18 29	201	ML=2.0	
JUN 16	13 02	426	ML=2.9	NO LG, BEAUFORT SEA
JUN 19	16 21	209	ML=1.7	
JUN 20	07 54	192	ML=1.3	
JUN 21	04 36	261	ML=1.9	
JUN 21	11 41	273	ML=2.3	
JUN 21	18 47	274	ML=2.3	
JUN 23	12 50	319	ML=2.3	PROBABLY NORTHERN ALASKA
JUN 24	08 23	363	ML=2.5	
JUL 2	05 36	234	ML=2.0	
JUL 3	09 30	167	ML=1.5	MAXIMUM AMPLITUDE IN P PHASE
JUL 4	18 37	218	ML=1.8	
JUL 5	22 59	16	ML=0.7	POSSIBLE BLAST
JUL 6	00 00	16	ML=0.7	DEPTH = 5. KM(GEOPHYSICIST)
JUL 6	09 34	260	ML=2.0	POSSIBLE BLAST
JUL 7	12 20	300	ML=2.4	DEPTH = 5. KM(GEOPHYSICIST)
JUL 9	01 11	226	ML=1.8	
JUL 20	09 44	201	ML=2.1	
JUL 20	19 17	184	ML=2.1	
JUL 22	02 40	175	ML=3.1	PROBABLY NORTHERN YUKON
JUL 24	04 21	218	ML=2.8	POORLY RECORDED AT YKC. NOT AT MBC
JUL 24	09 27	445	ML=3.1	PROBABLY EAST-CENTRAL YUKON OR ALASKA
AUG 6	00 07	274	ML=2.9	PROBABLY NORTHERN YUKON
AUG 15	08 42	459	ML=2.5	
AUG 16	07 07	192	ML=2.0	
AUG 16	07 27	812	MN=3.7	PROBABLY NORTHERN ALASKA
AUG 19	20 24	184	ML=1.6	
AUG 20	04 31	192	ML=2.5	
AUG 21	15 48	361	ML=2.7	PROBABLY NORTHERN YUKON
AUG 21	18 54	344	ML=2.6	

SEP 5	02 06	234	ML=2.5	
SEP 10	07 15	503	MN=2.5	PROBABLY NORTHERN ALASKA
SEP 11	21 11	175	ML=2.2	
SEP 15	11 49	800	ML=3.8	PROBABLY NORTHERN ALASKA
SEP 16	19 14	204	ML=2.1	
SEP 23	03 32	184	ML=1.6	
SEP 24	14 11	128	ML=2.1	PROBABLY EAST-CENTRAL YUKON
SEP 25	17 23	344	ML=2.6	
OCT 4	12 26	167	ML=1.6	
OCT 6	16 52	509	MN=2.5	PROBABLY NORTHERN ALASKA. ALSO AT MBC
OCT 15	09 28	150	ML=1.6	
OCT 16	03 32	218	ML=2.2	
OCT 20	00 07	302	ML=2.8	
NOV 6	09 47	363	ML=3.1	PROBABLY NORTHERN YUKON OR ALASKA
NOV 7	19 56	133	ML=2.3	POSSIBLE BLAST
NOV 8	20 39	218	ML=1.8	
NOV 15	08 07	255	ML=2.0	
NOV 15	12 47	300	ML=2.6	PROBABLY NORTHERN YUKON
NOV 16	05 41	255	ML=1.9	
NOV 16	23 47	274	ML=2.2	
NOV 17	22 27	141	ML=2.0	PROBABLE BLAST
NOV 18	06 51	185	ML=2.0	
NOV 20	13 54	724	MN=3.1	PROBABLY CENTRAL ALASKA
NOV 23	11 27	175	ML=2.1	
NOV 23	13 01	268	ML=2.1	
NOV 24	17 56	141	ML=2.0	PROBABLE BLAST
NOV 24	22 01	204	ML=1.7	
NOV 25	12 18	211	ML=2.0	
NOV 26	20 30	184	ML=2.2	
NOV 28	12 35	175	ML=2.1	
NOV 29	01 47	124	ML=1.4	
NOV 30	18 08	218	ML=2.3	
DEC 2	00 29	280	ML=2.2	
DEC 2	06 04	217	ML=1.5	
DEC 2	18 00	116	ML=2.2	BLAST OF 27000 LBS OF EXPLOSIVES AT FORT MCPHERSON, NWT
DEC 2	19 23	230	ML=2.1	
DEC 3	19 28	274	ML=1.7	
DEC 6	20 53	420	ML=2.9	PROBABLY EAST-CENTRAL YUKON
DEC 9	06 17	388	ML=2.3	
DEC 10	15 01	774	MN=2.9	
DEC 11	06 36	218	ML=1.8	
DEC 13	06 26	300	ML=3.0	PROBABLY NORTHERN YUKON
DEC 15	00 22	610	ML=3.8	ALSO AT WHC. NOT AT YKC
DEC 18	11 18	300	ML=2.1	
DEC 19	03 13	175	ML=2.4	
DEC 25	14 28	116	ML=1.5	
DEC 26	02 53	350	ML=2.7	PROBABLY NORTHERN YUKON
DEC 29	02 19	236	ML=2.1	
DEC 30	02 55	249	ML=2.7	PROBABLY NORTHERN YUKON

TABLE 16

UNLOCATED EVENTS RECORDED AT LHC

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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LHC RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS
THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS
STATION IS THEREFORE UNCERTAIN

NO UNLOCATED EVENTS DETECTED

TABLE 17

UNLOCATED EVENTS RECORDED AT MBC

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	02 11	338	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JAN 3	02 16	82	ML=2.8	MAGNITUDE UNCERTAIN. TWELVE AFTERSHOCKS THIS DAY POORLY RECORDED AT RES
JAN 3	02 29	82	ML=0.6	
JAN 3	02 33	82	ML=0.9	
JAN 3	02 37	73	ML=0.8	
JAN 3	02 41	73	ML=1.3	
JAN 3	02 42	82	ML=1.6	
JAN 3	02 46	82	ML=0.9	
JAN 3	03 04	82	ML=0.6	
JAN 3	05 13	82	ML=0.9	
JAN 3	06 49	82	ML=1.6	
JAN 3	07 51	82	ML=1.2	
JAN 3	22 16	82	ML=1.5	
JAN 3	22 29	82	ML=1.6	
JAN 4	10 53	38	ML=0.9	
JAN 4	15 24	6	ML=0.1	DEPTH = 5. KM(GEOPHYSICIST) UNUSUAL RECORD. POORLY RECORDED AT RES
JAN 5	18 14	73	ML=2.0	
JAN 10	10 38	255	ML=1.6	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JAN 11	17 54	255	ML=1.6	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
JAN 13	05 39	82	ML=1.2	
JAN 14	14 13	73	ML=1.4	
FEB 7	06 53	99	ML=2.0	
FEB 8	11 49	73	ML=1.8	
FEB 8	14 10	116	ML=1.5	
FEB 10	21 47	404	ML=2.4	NOT MELVILLE ISLAND. ALSO AT RES
FEB 21	06 53	338	ML=1.9	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
FEB 21	18 19	338	ML=1.7	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
FEB 22	06 16	338	ML=2.0	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
FEB 26	14 22	327	ML=2.0	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
FEB 28	03 24	133	ML=1.2	
FEB 28	06 25	124	ML=0.8	
MAR 5	12 02	124	ML=1.4	
MAR 6	17 54	1274	ML=3.8	PROBABLY NORTHERN ALASKA. INK NOT OPERATING
MAR 14	01 57	124	ML=1.4	
MAR 14	19 27	124	ML=0.8	
MAR 16	18 40	338	ML=2.0	ALSO AT RES
MAR 19	01 57	338	ML=2.0	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT RES
MAR 26	15 38	116	ML=0.8	
MAR 29	14 20	327	ML=2.6	AFTERSHOCK. ALSO AT RES. SEE TABLE 2 A FOR MAIN EVENT ON MAR 28
APR 3	14 34	150	ML=1.0	
APR 3	21 17	6	ML=0.5	DEPTH = 5. KM(GEOPHYSICIST)
APR 4	13 52	56	ML=0.4	
APR 4	14 14	56	ML=0.7	
APR 4	15 16	6	ML=0.6	DEPTH = 5. KM(GEOPHYSICIST)
APR 4	15 17	6	ML=0.4	DEPTH = 5. KM(GEOPHYSICIST)
APR 4	15 56	56	ML=0.4	
APR 4	16 21	6	ML=0.3	DEPTH = 5. KM(GEOPHYSICIST)

APR 5	06 17	56	ML=0.4	
APR 5	16 24	56	ML=0.4	
APR 6	00 14	56	ML=0.4	
APR 6	00 15	56	ML=0.4	
APR 16	06 11	1131	ML=3.1	ALSO AT INK
APR 20	03 52	395	ML=2.1	
APR 22	08 27	82	ML=0.9	
APR 24	02 09	338	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
APR 26	02 41	327	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
APR 29	18 25	16	ML=0.7	DEPTH = 5. KM(GEOPHYSICIST)
MAY 4	20 59	99	ML=1.1	LARGEST OF 7 SIMILAR EVENTS THIS DAY
MAY 5	09 00	99	ML=1.1	LARGEST OF 8 SIMILAR EVENTS THIS DAY
MAY 8	05 06	99	ML=0.7	
MAY 11	01 17	82	ML=1.1	
MAY 12	07 51	338	ML=2.0	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
MAY 15	09 21	327	ML=2.0	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
MAY 17	20 19	23	ML=0.3	DEPTH = 10. KM(GEOPHYSICIST)
MAY 18	03 33	23	ML=1.3	LARGEST OF 10 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)
MAY 18	12 40	338	ML=1.8	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
MAY 19	20 26	23	ML=0.1	DEPTH = 10. KM(GEOPHYSICIST)
MAY 20	03 57	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
MAY 21	06 45	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
MAY 23	18 33	23	ML=0.1	DEPTH = 10. KM(GEOPHYSICIST)
MAY 24	17 23	23	ML=1.4	LARGEST OF 95 EVENTS THIS DAY
				30 FORESHOCKS, 65 AFTERSHOCKS
				SEE TABLE 2 A FOR LOCATION OF THIS EVENT
				DEPTH = 10. KM(GEOPHYSICIST)
MAY 25	00 40	23	ML=1.1	LARGEST OF 24 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)
MAY 27	09 12	23	ML=0.3	DEPTH = 10. KM(GEOPHYSICIST)
MAY 27	12 57	23	ML=0.4	DEPTH = 10. KM(GEOPHYSICIST)
MAY 30	01 45	23	ML=0.7	LARGEST OF 4 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)
MAY 31	05 25	23	ML=1.1	DEPTH = 10. KM(GEOPHYSICIST)
				LARGEST OF 9 SIMILAR EVENTS THIS DAY
JUN 1	21 06	23	ML=0.0	LARGEST OF 7 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)
JUN 2	01 33	23	ML=0.0	LARGEST OF 3 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)
JUN 3	19 14	23	ML=0.3	DEPTH = 10. KM(GEOPHYSICIST)
JUN 3	20 31	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUN 4	00 17	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUN 5	06 07	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
JUN 6	08 18	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUN 7	20 53	23	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
JUN 8	00 15	23	ML=-.2	DEPTH = 10. KM(GEOPHYSICIST)
JUN 8	00 16	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
JUN 12	07 25	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
JUN 16	05 41	327	ML=1.8	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JUN 18	21 44	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
JUN 21	03 26	23	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
				LARGEST OF 8 SIMILAR EVENTS THIS DAY
JUN 22	02 33	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUN 22	18 11	23	ML=0.1	DEPTH = 10. KM(GEOPHYSICIST)
JUN 24	10 28	23	ML=-.5	DEPTH = 10. KM(GEOPHYSICIST)
JUN 24	19 11	23	ML=1.2	DEPTH = 10. KM(GEOPHYSICIST)
JUN 26	20 54	23	ML=0.1	LARGEST OF 5 SIMILAR EVENTS THIS DAY
				DEPTH = 10. KM(GEOPHYSICIST)

JUL 2	16 51	56	ML=1.5	
JUL 3	07 43	56	ML=1.0	
JUL 7	20 42	338	ML=2.0	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JUL 11	12 45	124	ML=2.6	LARGEST OF 4 THIS DAY
JUL 13	20 01	124	ML=1.4	
JUL 17	06 03	124	ML=2.4	
JUL 18	01 55	116	ML=1.2	
JUL 21	16 19	280	ML=2.0	NOT MELVILLE ISLAND. RES NOISE
JUL 26	17 06	338	ML=2.0	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JUL 30	23 37	338	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
JUL 31	21 07	338	ML=2.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
AUG 3	08 35	133	ML=1.3	
AUG 4	16 35	124	ML=0.8	LARGEST OF 4 THIS DAY
AUG 6	04 20	217	ML=1.4	
AUG 6	07 45	184	ML=1.2	
AUG 10	18 56	124	ML=1.1	
AUG 16	08 28	47	ML=1.2	
AUG 23	15 07	349	ML=2.6	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
AUG 24	13 51	393	ML=1.8	NO LG, ARCTIC OCEAN
SEP 4	18 59	82	ML=2.2	MAGNITUDE UNCERTAIN
SEP 11	03 46	124	ML=1.1	FIRST OF 4 THIS DAY
SEP 12	14 36	124	ML=1.5	
SEP 12	20 59	124	ML=1.1	
SEP 14	05 08	306	ML=2.5	NOT MELVILLE ISLAND. MAY BE 2 EVENTS
SEP 16	04 19	124	ML=1.6	
SEP 16	13 38	201	ML=1.7	
SEP 18	13 53	124	ML=1.3	
SEP 18	15 10	331	ML=1.8	
SEP 28	23 04	38	ML=1.4	
SEP 30	16 32	133	ML=1.2	
OCT 3	07 55	614	ML=3.0	NO LG, ARCTIC OCEAN. NOT RECORDED ELSEWHERE
OCT 5	00 27	338	ML=2.3	MELVILLE ISLAND. ALSO AT RES
OCT 6	16 52	1252	ML=3.7	NO LG, NORTHERN ALASKA. ALSO AT INK
OCT 10	02 25	338	ML=2.1	PROBABLY MELVILLE ISLAND. POORLY RECORDED AT RES
OCT 10	03 28	209	ML=2.4	POORLY RECORDED AT RES
OCT 13	19 28	338	ML=2.5	ALSO AT RES
OCT 16	21 37	316	ML=2.5	NOT MELVILLE ISLAND. POORLY RECORDED AT RES
OCT 17	23 27	124	ML=1.3	
OCT 27	09 54	338	ML=1.6	
OCT 27	16 02	338	ML=1.9	ALSO AT RES
OCT 28	02 09	283	ML=2.2	LARGEST OF 3 THIS DAY. POORLY RECORDED AT RES
OCT 29	06 23	283	ML=3.1	LARGEST OF 2 THIS DAY. ALSO AT RES. NOT AT ALE OR BLC
NOV 12	10 29	327	ML=2.4	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
NOV 27	07 36	316	ML=1.9	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
DEC 17	09 22	316	ML=2.2	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
DEC 17	10 49	349	ML=2.1	NORTHEAST OF MELVILLE ISLAND. ALSO AT RES
DEC 28	04 54	338	ML=2.4	LARGEST OF 10 UNLOCATED EVENTS THIS DAY IN MELVILLE SEQUENCE. SEE TABLE 2A FOR 6 LOCATED EVENTS IN THIS SEQUENCE. ALSO AT RES
DEC 28	10 41	167	ML=2.0	POORLY RECORDED AT RES
DEC 29	04 03	294	ML=1.8	NEAR MELVILLE ISLAND. ALSO AT RES
DEC 31	09 57	338	ML=2.3	NEAR MELVILLE ISLAND. ALSO AT RES
DEC 31	16 15	349	ML=2.4	NEAR MELVILLE ISLAND. ALSO AT RES

TABLE 18

UNLOCATED EVENTS RECORDED AT MCC

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 6	13 29	37	ML=1.9	
JAN 6	13 41	37	ML=1.6	POORLY RECORDED AT EDM PNT AND FSJ
JAN 6	13 45	37	ML=1.2	FIRST OF TWO EVENTS. POORLY RECORDED AT EDM PNT AND FSJ
JAN 6	13 51	37	ML=1.5	POORLY RECORDED AT EDM
JAN 6	15 51	37	ML=1.5	
JAN 6	17 37	37	ML=1.5	
JAN 6	17 38	37	ML=1.9	POORLY RECORDED AT EDM
FEB 21	07 50	6	ML=0.2	DEPTH = 5. KM(GEOPHYSICIST) POSSIBLE BLAST
MAR 2	17 09	141	ML=1.5	
APR 26	05 19	167	ML=1.8	

TABLE 19

UNLOCATED EVENTS RECORDED AT MIQ

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				MIQ COMMENCED OPERATION ON FEBRUARY 24
AUG 30	16 32	47	ML=1.1	
				MIQ DID NOT OPERATE FOR DECEMBER 13-22

TABLE 20

UNLOCATED EVENTS RECORDED AT MNQ

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
				MNQ COMMENCED OPERATION ON NOVEMBER 27
NOV 28	04 53	184	ML=2.6	NOT AT SCH
				MNQ DID NOT OPERATE FOR DECEMBER 13-22
DEC 24	17 20	274	ML=2.7	POSSIBLY GULF OF ST. LAWRENCE. POORLY RECORDED AT SCH
DEC 28	19 39	255	ML=2.4	NOT RECORDED AT SCH OR UNB

TABLE 21

UNLOCATED EVENTS RECORDED AT MNT

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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MNT RECORDS MANY BLASTS FROM NEARBY QUARRIES
THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS
STATION IS THEREFORE UNCERTAIN

FEB 14	17 51	26	ML=1.3	MAGNITUDE UNCERTAIN. ALSO AT OTT DEPTH = 10. KM(GEOPHYSICIST)
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TABLE 22

UNLOCATED EVENTS RECORDED AT OTT

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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FEB 2	16 01	99	ML=2.1	POORLY RECORDED AT MNT
FEB 14	17 51	277	ML=2.7	ALSO AT MNT

TABLE 23

UNLOCATED EVENTS RECORDED AT PBQ

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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JUL 10	13 39	433	ML=3.4	PROBABLY NORTHEASTERN QUEBEC POORLY RECORDED AT FRB. SCH NOT OPERATING
OCT 27	21 12	150	ML=2.1	PROBABLE BLAST
OCT 31	12 07	82	ML=2.0	POSSIBLE BLAST
NOV 14	11 47	167	ML=2.2	PROBABLE BLAST
NOV 27	11 42	167	ML=2.2	PROBABLE BLAST
DEC 4	11 46	158	ML=2.0	PROBABLE BLAST
DEC 10	11 42	167	ML=2.4	PROBABLE BLAST

TABLE 24

UNLOCATED EVENTS RECORDED AT PHC

DATE 1974	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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JAN 1	01 38	184	ML=1.9	
JAN 5	05 22	162	ML=1.9	
JAN 5	05 54	162	ML=1.9	
JAN 9	17 28	184	ML=2.0	
JAN 10	07 26	184	ML=2.0	
JAN 23	22 16	184	ML=2.5	
JAN 29	06 17	184	ML=2.8	AFTERSHOCK. SEE TABLE 3A FOR MAIN SHOCK
JAN 29	08 04	206	ML=3.2	AFTERSHOCK. POOR AT FSJ
JAN 29	08 41	184	ML=2.4	AFTERSHOCK. POOR AT FSJ

JAN 29	11 22	217	ML=3.0	AFTERSHOCK. POOR AT FSJ
JAN 29	11 27	195	ML=2.4	AFTERSHOCK
JAN 31	22 41	191	ML=2.6	
FEB 25	18 24	206	ML=3.2	POORLY RECORDED AT FSJ
FEB 26	04 48	184	ML=2.3	
FEB 28	06 47	173	ML=3.0	WEST OF VANCOUVER ISLAND
MAR 2	03 50	195	ML=2.1	WEST OF VANCOUVER ISLAND
MAR 8	02 43	150	ML=2.7	POORLY RECORDED AT FSJ
MAR 19	10 29	195	ML=2.4	WEST OF VANCOUVER ISLAND. POORLY RECORDED AT FSJ
MAR 20	14 13	133	ML=1.7	
APR 4	10 06	228	ML=2.6	WEST OF VANCOUVER ISLAND
MAY 5	06 28	184	ML=2.3	WEST OF VANCOUVER ISLAND
MAY 11	09 41	195	ML=1.9	WEST OF VANCOUVER ISLAND
MAY 15	18 61	184	ML=2.5	WEST OF VANCOUVER ISLAND
MAY 19	20 05	184	ML=3.3	WEST OF VANCOUVER ISLAND
				POORLY RECORDED AT QCC AND FSJ
MAY 21	01 10	124	ML=2.0	
MAY 23	21 46	184	ML=2.6	WEST OF VANCOUVER ISLAND
MAY 23	22 49	184	ML=2.6	WEST OF VANCOUVER ISLAND
MAY 24	02 54	184	ML=2.8	WEST OF VANCOUVER ISLAND
MAY 24	19 48	82	ML=2.0	
JUN 1	10 42	184	ML=2.2	WEST OF VANCOUVER ISLAND
JUN 2	15 22	217	ML=2.5	WEST OF VANCOUVER ISLAND
JUN 3	18 47	90	ML=1.9	
JUN 12	13 26	184	ML=2.6	WEST OF VANCOUVER ISLAND
JUN 20	03 42	85	ML=1.6	
JUL 1	18 41	195	ML=2.4	
JUL 3	01 50	283	ML=3.2	WEST OF VANCOUVER ISLAND. NOT AT FSJ OR QCC
JUL 4	15 57	73	ML=1.3	
JUL 14	11 14	195	ML=2.1	
JUL 21	16 59	195	ML=2.3	
JUL 27	23 20	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
JUL 31	23 00	64	ML=1.6	
AUG 1	23 50	173	ML=2.3	AFTERSHOCK. SEE TABLE 3A FOR LOCATION OF MAIN EVENT AND ONE AFTERSHOCK
AUG 2	04 04	184	ML=2.1	AFTERSHOCK
AUG 12	23 23	228	ML=2.3	
AUG 15	15 55	184	ML=2.4	FIRST OF 5 THIS DAY.
				SEE TABLE 3A FOR LOCATION OF 2 LARGER EVENTS
AUG 18	03 46	206	ML=2.4	POORLY RECORDED AT QCC AND FSJ
				LARGEST OF 4 THIS DAY
AUG 20	12 56	228	ML=2.8	LARGEST OF 4 AFTERSHOCKS THIS DAY
				SEE TABLE 3A FOR LOCATION OF MAIN EVENT
AUG 21	03 29	195	ML=2.7	ALSO AT QCC. NOISE AT FSJ
AUG 21	03 57	195	ML=2.4	ALSO AT QCC. NOISE AT FSJ
AUG 21	17 34	206	ML=2.2	
AUG 22	12 57	217	ML=2.8	FORESHOCK. SEE TABLE 3A FOR LOCATION OF MAIN EVENT
				POORLY RECORDED AT VIC AND FSJ. NOT AT QCC
				RECORDED ON LONG PERIOD INSTRUMENTS AT PHC
AUG 22	13 11	239	ML=2.8	AFTERSHOCK. POORLY RECORDED AT VIC AND FSJ. NOT AT QCC
AUG 30	20 59	175	ML=2.5	
SEP 5	14 46	23	ML=0.0	DEPTH = 10. KM(GEOPHYSICIST)
SEP 10	10 18	195	ML=2.3	
SEP 18	07 38	124	ML=2.3	
SEP 22	02 43	82	ML=2.6	
SEP 24	14 44	195	ML=2.1	
SEP 26	06 39	184	ML=2.8	
OCT 5	13 57	206	ML=2.5	
OCT 7	13 29	195	ML=3.0	WEST OF VANCOUVER ISLAND

OCT 10	09 49	184	ML=2.3
OCT 11	16 40	195	ML=2.4
OCT 25	19 19	173	ML=2.6
NOV 5	04 54	184	ML=2.6
NOV 13	19 57	206	ML=2.1
NOV 14	05 45	184	ML=2.6
DEC 29	09 22	64	ML=2.6

TABLE 25

UNLOCATED EVENTS RECORDED AT PNT

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
PNT RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS STATION IS THEREFORE UNCERTAIN				
JAN 6	12 33	317	ML=3.3	ALSO AT VIC. NOT AT PHC OR FSJ
FEB 1	05 12	185	ML=3.1	POORLY RECORDED AT VIC
FEB 5	02 05	167	ML=2.8	POSSIBLE BLAST. FM=D. MAX IN P
FEB 6	08 07	175	ML=2.8	NOT AT VIC OR MCC
FEB 18	00 30	175	ML=2.0	ALSO AT VIC
FEB 20	01 11	243	ML=2.4	
MAR 25	15 14	268	ML=2.5	SOUTH AND/OR EAST OF PNT. SES NOT OPERATING
APR 6	10 07	273	ML=2.5	ALSO AT VIC
APR 8	10 15	124	ML=1.2	
APR 8	12 15	124	ML=1.5	
APR 8	14 43	184	ML=2.1	NOT RECORDED ELSEWHERE
APR 15	06 21	319	ML=2.4	ALSO AT VIC
APR 20	00 38	209	ML=2.6	ALSO AT VIC
APR 28	11 15	90	ML=1.6	
MAY 8	06 10	37	ML=1.6	
MAY 22	11 58	224	ML=2.8	ALSO AT VIC. POORLY RECORDED AT PHC
MAY 22	12 22	249	ML=2.7	ALSO AT VIC
JUL 14	11 14	196	ML=3.5	PROBABLY NORTHWESTERN WASHINGTON. ALSO AT VIC
JUL 22	11 30	260	ML=2.8	ALSO AT VIC
JUL 24	05 30	31	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
AUG 14	09 11	236	ML=2.4	MAGNITUDE UNCERTAIN. ALSO AT VIC
AUG 15	23 33	285	ML=2.6	ALSO AT VIC
AUG 18	19 01	234	ML=2.2	ALSO AT VIC
AUG 19	08 16	236	ML=2.3	ALSO AT VIC
SEP 13	13 45	90	ML=1.6	ALSO AT VIC
OCT 25	13 54	192	ML=2.0	NOT AT VIC
OCT 26	03 55	15	ML=0.5	POSSIBLE BLAST DEPTH = 5. KM(GEOPHYSICIST)
OCT 27	16 30	224	ML=2.5	
OCT 30	12 03	184	ML=2.6	
NOV 2	04 04	82	ML=2.3	POSSIBLE BLAST.
NOV 4	14 47	209	ML=2.1	POSSIBLE BLAST
NOV 8	09 10	306	ML=3.2	WASHINGTON OR MONTANA. ALSO AT SES. NOT AT EDM OR MCC
NOV 11	23 11	230	ML=2.0	ALSO AT VIC
NOV 19	10 33	27	ML=1.2	DEPTH = 10. KM(GEOPHYSICIST)
NOV 23	11 18	274	ML=2.4	NOT RECORDED ELSEWHERE
DEC 15	18 06	192	ML=2.2	ALSO AT VIC
DEC 21	07 49	167	ML=1.9	
DEC 23	08 34	27	ML=0.7	DEPTH = 10. KM(GEOPHYSICIST) FORESHOCK. SEE TABLE 3A FOR LOCATION OF MAIN EVENT

DEC 23	11 02	27	ML=1.4	AFTERSHOCK. FELT IN OLIVER, B.C. LARGEST OF 6 THIS DAY DEPTH = 10. KM(GEOPHYSICIST)
DEC 24	08 34	27	ML=1.4	AFTERSHOCK DEPTH = 10. KM(GEOPHYSICIST)
DEC 24	09 14	285	ML=1.8	ALSO AT VIC
DEC 27	03 51	201	ML=2.5	NOT RECORDED ELSEWHERE
DEC 27	08 51	224	ML=1.7	ALSO AT VIC
DEC 31	10 29	37	ML=1.6	

TABLE 26

UNLOCATED EVENTS RECORDED AT POC

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 30	15 04	16	ML=0.6	DEPTH = 5. KM(GEOPHYSICIST)
FEB 9	04 16	38	ML=1.3	POORLY RECORDED AT SFA
FEB 14	10 49	6	ML=0.8	LARGEST OF 2 EVENTS THIS MINUTE DEPTH = 5. KM(GEOPHYSICIST) NOT AT SFA
FEB 28	05 55	23	ML=1.2	DEPTH = 10. KM(GEOPHYSICIST) POORLY RECORDED AT SFA
MAR 12	10 37	16	ML=0.4	DEPTH = 5. KM(GEOPHYSICIST)
MAR 16	03 41	16	ML=0.2	DEPTH = 5. KM(GEOPHYSICIST)
MAR 16	23 09	32	ML=0.9	DEPTH = 10. KM(GEOPHYSICIST)
MAR 28	04 46	184	ML=2.2	SFA NOT OPERATING. POORLY RECORDED AT CHQ
APR 15	00 33	23	ML=0.9	DEPTH = 10. KM(GEOPHYSICIST) POSSIBLE BLAST
APR 15	16 44	16	ML=1.0	DEPTH = 5. KM(GEOPHYSICIST) PROBABLY NORTHWEST OF POC. POOR AT CHQ AND SFA
MAY 7	18 24	116	ML=1.9	EAST OF POC. NOT AT SFA
AUG 5	21 39	27	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
AUG 6	11 37	11	ML=1.4	MAGNITUDE UNCERTAIN. POORLY RECORDED AT SFA AND CHQ DEPTH = 5. KM(GEOPHYSICIST)
AUG 24	09 39	23	ML=0.7	POORLY RECORDED AT SFA AND CHQ DEPTH = 10. KM(GEOPHYSICIST)
SEP 4	09 34	6	ML=0.7	DEPTH = 5. KM(GEOPHYSICIST)
SEP 23	16 15	6	ML=0.4	NOT AT SFA DEPTH = 5. KM(GEOPHYSICIST)
OCT 4	19 44	13	ML=0.8	POORLY RECORDED AT SFA AND CHQ DEPTH = 10. KM(GEOPHYSICIST)

TABLE 27

UNLOCATED EVENTS RECORDED AT QCC

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 4	00 35	82	ML=1.7	DISTANCE UNCERTAIN
JAN 6	22 50	82	ML=2.6	NOT RECORDED ELSEWHERE
JAN 7	03 45	73	ML=1.6	
JAN 8	05 28	209	ML=3.3	NOT AT PHC OR FSJ
JAN 15	00 02	56	ML=1.5	
JAN 21	13 03	56	ML=1.9	
JAN 22	03 15	150	ML=2.9	
JAN 30	10 51	56	ML=2.5	

JAN 30	10 57	64	ML=2.3	
JAN 30	11 01	64	ML=1.5	
FEB 6	22 21	82	ML=2.1	
FEB 13	04 56	99	ML=2.9	POORLY RECORDED AT FSJ
FEB 20	09 23	184	ML=2.6	
FEB 23	06 19	124	ML=1.6	
FEB 26	23 06	201	ML=2.4	
FEB 28	04 29	99	ML=1.8	
MAR 1	09 45	73	ML=1.6	
MAR 1	15 04	73	ML=2.1	
MAR 4	05 51	150	ML=2.3	
MAR 5	05 59	47	ML=1.8	
MAR 6	19 51	32	ML=1.1	DEPTH = 10. KM(GEOPHYSICIST)
MAR 7	19 56	38	ML=1.1	
MAR 8	01 17	56	ML=1.5	
MAR 11	21 55	99	ML=2.3	
MAR 16	21 12	56	ML=1.5	
MAR 19	19 42	124	ML=2.8	
MAR 20	00 09	73	ML=1.6	
MAR 21	04 31	56	ML=2.4	
MAR 23	21 03	99	ML=1.2	
MAR 25	18 56	73	ML=1.4	
MAR 26	11 06	56	ML=1.5	
MAR 27	18 17	23	ML=0.8	DEPTH = 10. KM(GEOPHYSICIST)
MAR 30	05 20	141	ML=1.8	
APR 3	02 49	56	ML=1.2	
APR 3	22 50	133	ML=2.0	AFTERSHOCK. SEE TABLE 3 A FOR MAIN SHOCK THIS DAY
APR 8	08 15	56	ML=1.2	
APR 8	23 31	141	ML=2.5	AFTERSHOCK. SEE TABLE 3 A FOR MAIN SHOCK THIS DAY
APR 8	23 42	141	ML=2.6	AFTERSHOCK
APR 9	01 43	141	ML=2.6	AFTERSHOCK
APR 9	03 24	141	ML=2.8	AFTERSHOCK
APR 10	10 19	32	ML=1.0	DEPTH = 10. KM(GEOPHYSICIST)
APR 10	13 14	141	ML=2.0	AFTERSHOCK
APR 11	03 23	47	ML=1.5	
APR 12	20 41	56	ML=1.5	
APR 19	05 23	82	ML=1.4	
APR 19	21 52	21	ML=0.5	DEPTH = 10. KM(GEOPHYSICIST)
APR 19	23 47	47	ML=1.6	
APR 23	00 39	38	ML=1.3	
APR 23	21 40	23	ML=0.3	DEPTH = 10. KM(GEOPHYSICIST)
APR 24	18 01	23	ML=0.7	DEPTH = 10. KM(GEOPHYSICIST)
APR 25	23 51	23	ML=1.2	DEPTH = 10. KM(GEOPHYSICIST)
APR 27	09 32	64	ML=2.7	
APR 30	02 23	47	ML=1.4	
APR 30	02 41	82	ML=2.1	
MAY 4	15 30	82	ML=1.9	
MAY 6	00 01	82	ML=2.2	
MAY 8	00 39	82	ML=1.4	
MAY 9	00 15	56	ML=1.8	
MAY 10	19 49	73	ML=1.9	
MAY 13	04 27	90	ML=1.6	
MAY 15	05 51	47	ML=0.7	
MAY 16	21 42	6	ML=1.4	DEPTH = 5. KM(GEOPHYSICIST)
MAY 17	18 46	16	ML=1.5	DEPTH = 5. KM(GEOPHYSICIST)
MAY 19	04 23	268	ML=2.6	POORLY RECORDED AT PHC
MAY 22	17 10	47	ML=1.3	
MAY 25	21 06	47	ML=2.0	
MAY 26	04 02	90	ML=1.9	

MAY 26	21 57	23	ML=0.6	DEPTH = 10. KM(GEOPHYSICIST)
MAY 31	09 14	56	ML=1.3	
JUN 4	22 08	23	ML=1.5	DEPTH = 10. KM(GEOPHYSICIST)
JUN 6	03 36	73	ML=2.0	
JUN 6	21 16	73	ML=1.3	
JUN 8	23 58	16	ML=0.9	DEPTH = 5. KM(GEOPHYSICIST)
JUN 9	16 22	73	ML=2.3	
JUN 12	04 42	209	ML=2.4	
JUN 13	11 12	73	ML=2.8	NOT RECORDED ELSEWHERE
JUN 14	07 44	56	ML=1.9	
JUN 14	11 11	73	ML=2.8	
JUN 14	19 43	56	ML=1.6	
JUN 14	22 33	47	ML=1.2	
JUN 24	15 57	90	ML=3.0	POORLY RECORDED AT FSJ
JUL 3	23 45	47	ML=1.6	
JUL 19	13 27	56	ML=2.6	NOT AT FSJ
JUL 24	12 13	305	ML=2.3	
JUL 29	16 26	64	ML=1.6	
JUL 31	06 54	64	ML=2.3	DEPTH = 10. KM(GEOPHYSICIST)
AUG 11	00 17	116	ML=2.3	
AUG 21	03 29	283	ML=2.5	DISTANCE UNCERTAIN. ALSO AT PHC
AUG 21	03 57	283	ML=2.5	DISTANCE UNCERTAIN. ALSO AT PHC
SEP 3	05 41	647	ML=3.4	NO LG, PROBABLY GULF OF ALASKA.
SEP 5	11 55	99	ML=1.9	
SEP 6	22 54	56	ML=2.7	POORLY RECORDED AT FSJ AND PHC
SEP 7	18 52	99	ML=2.1	
SEP 7	19 44	56	ML=1.9	
SEP 8	09 40	64	ML=2.1	
SEP 12	12 54	47	ML=1.8	
OCT 10	19 02	735	ML=4.0	NO LG, PROBABLY GULF OF ALASKA
OCT 13	15 43	64	ML=2.7	POSSIBLE BLAST. FIRST MOTION DILATION
OCT 21	19 01	73	ML=1.8	
OCT 25	17 13	175	ML=2.7	POORLY RECORDED AT PHC AND FSJ
NOV 5	07 23	73	ML=2.1	
NOV 26	06 56	90	ML=2.2	
NOV 29	20 42	56	ML=2.2	
NOV 30	14 40	283	ML=2.7	NOT RECORDED ELSEWHERE
DEC 4	22 40	56	ML=1.3	

TABLE 29

UNLOCATED EVENTS RECORDED AT 000

DATE	H-TIME (GMT)	DELTA	MAGNITUDE	REMARKS
1974	HR MN SEC	KM		

NO UNLOCATED EVENTS DETECTED
SEE CHQ FOR UNLOCATED EVENTS IN THIS AREA

TABLE 29

UNLOCATED EVENTS RECORDED AT RES

DATE 1974	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	02 11	393	ML=3.4	ALSO AT MBC
JAN 5	19 19	319	ML=1.8	DISTANCE UNCERTAIN
JAN 6	18 56	184	ML=2.0	
JAN 10	10 38	306	ML=2.3	ALSO AT MBC
JAN 11	01 07	158	ML=2.1	
JAN 15	08 45	306	ML=1.9	NOT AT MBC
JAN 19	10 25	47	ML=0.6	
JAN 20	06 42	698	ML=2.3	ALSO AT FRB
JAN 23	06 45	382	ML=2.4	
JAN 25	13 11	99	ML=2.0	
JAN 26	18 34	1164	ML=2.9	WEAK LG. ALSO AT ALE. POORLY RECORDED AT MBC
JAN 28	19 55	300	ML=2.0	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT MBC
FEB 3	21 43	64	ML=1.6	
FEB 5	22 49	192	ML=1.2	
FEB 10	05 46	192	ML=1.8	
FEB 10	21 47	680	ML=2.9	NO LG, ARCTIC OCEAN. ALSO AT MBC
FEB 11	12 47	458	ML=2.5	DISTANCE UNCERTAIN. POORLY RECORDED AT MBC
FEB 11	20 24	636	ML=3.1	NO LG, ARCTIC OCEAN. NOISE AT MBC
FEB 13	01 22	56	ML=1.4	
FEB 13	01 24	56	ML=1.4	
FEB 19	02 44	209	ML=1.6	
FEB 24	01 35	90	ML=1.0	
FEB 24	04 24	184	ML=1.4	
FEB 24	23 50	16	ML=0.8	DEPTH = 5. KM (GEOPHYSICIST)
FEB 25	18 29	547	ML=2.2	PROBABLY NORTHERN BAFFIN ISLAND. NOT RECORDED ELSEWHERE
FEB 26	17 18	99	ML=1.3	
MAR 11	21 18	141	ML=1.2	
MAR 13	22 08	812	ML=2.9	ALSO AT ALE
MAR 15	08 51	107	ML=1.0	
MAR 16	18 40	363	ML=2.6	ALSO AT MBC
MAR 19	01 14	116	ML=0.8	
MAR 19	13 08	999	ML=3.5	ALSO AT ALE
MAR 21	15 15	234	ML=1.9	
MAR 23	17 05	90	ML=1.6	
MAR 25	04 07	167	ML=1.4	
MAR 25	22 59	37	ML=0.4	
MAR 29	01 50	302	ML=2.2	AFTERSHOCK. POORLY RECORDED AT MBC SEE TABLE 2 A FOR LOCATION OF MAIN EVENT ON MAR 28
MAR 29	07 08	300	ML=2.8	AFTERSHOCK. POORLY RECORDED AT MBC
MAR 29	14 20	437	ML=3.2	AFTERSHOCK. ALSO AT MBC
APR 2	01 21	226	ML=1.4	
APR 4	06 48	243	ML=1.4	
APR 6	00 49	319	ML=1.8	
APR 6	17 38	234	ML=1.4	
APR 7	12 15	226	ML=2.0	SOME INDICATION OF RG PHASE
APR 8	08 41	353	ML=2.0	
APR 11	05 19	56	ML=0.7	
APR 19	14 36	338	ML=2.4	PROBABLY NORTHEAST OF MELVILLE ISLAND
APR 20	00 01	38	ML=0.1	
APR 21	05 33	32	ML=1.5	DEPTH = 10. KM (GEOPHYSICIST) FIRST OF 8 AFTERSHOCKS THIS DAY. SEE TABLE 2 A FOR MAIN SHOCK

APR 21	05 43	32	ML=-.1	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	05 45	32	ML=1.2	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	05 53	32	ML=0.2	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	06 13	32	ML=0.4	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	06 43	32	ML=-.1	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	10 06	32	ML=0.4	DEPTH = 10. KM(GEOPHYSICIST)
APR 21	10 45	32	ML=-.1	DEPTH = 10. KM(GEOPHYSICIST)
APR 22	08 09	32	ML=0.2	DEPTH = 10. KM(GEOPHYSICIST)
APR 24	02 09	393	ML=3.1	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
APR 24	02 19	47	ML=0.6	
APR 26	02 41	393	ML=3.3	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
APR 26	20 23	32	ML=1.4	DEPTH = 10. KM(GEOPHYSICIST)
				AFTERSHOCK
APR 30	01 58	6	ML=0.6	DEPTH = 5. KM(GEOPHYSICIST)
MAY 7	07 53	32	ML=1.1	DEPTH = 10. KM(GEOPHYSICIST)
MAY 11	01 08	99	ML=1.3	
MAY 12	07 51	415	ML=2.8	ALSO AT MBC
MAY 13	20 21	141	ML=1.5	
MAY 15	09 21	404	ML=2.7	ALSO AT MBC
MAY 15	14 30	204	ML=1.9	
MAY 16	19 01	211	ML=1.8	
MAY 18	12 41	393	ML=2.7	ALSO AT MBC
MAY 19	23 25	211	ML=1.8	
MAY 24	16 41	32	ML=0.7	DEPTH = 10. KM(GEOPHYSICIST)
MAY 28	07 15	404	ML=2.3	NORTHEAST OF MELVILLE ISLAND. POORLY RECORDED AT MBC
MAY 31	17 33	116	ML=1.3	
JUN 4	04 50	32	ML=0.5	DEPTH = 10. KM(GEOPHYSICIST)
JUN 8	10 00	393	ML=2.5	
JUN 9	13 12	184	ML=1.8	
JUN 16	05 41	393	ML=2.6	ALSO AT MBC
JUN 16	17 28	192	ML=1.7	
JUL 4	00 52	201	ML=1.7	
JUL 6	06 19	158	ML=1.6	
JUL 6	17 11	209	ML=2.1	
JUL 7	20 43	382	ML=3.0	NORTHEAST OF MELVILLE ISLAND
				ALSO AT MBC. POORLY RECORDED AT BLC
				RES DID NOT OPERATE FOR JULY 10-20
JUL 23	20 30	73	ML=1.3	
JUL 25	20 09	56	ML=0.7	
JUL 26	17 06	393	ML=2.7	ALSO AT MBC
JUL 30	23 37	415	ML=3.0	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
JUL 31	07 03	56	ML=1.2	
JUL 31	07 04	56	ML=0.9	
JUL 31	21 07	393	ML=2.9	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
AUG 12	18 40	123	ML=1.9	
AUG 15	23 29	38	ML=1.3	
AUG 23	15 07	426	ML=3.2	NORTHEAST OF MELVILLE ISLAND. ALSO AT MBC
AUG 28	01 49	82	ML=1.9	PROBABLY EXPLOSION IN BARROW STRAIT
AUG 28	01 56	64	ML=1.8	PROBABLY EXPLOSION IN BARROW STRAIT
AUG 30	05 50	32	ML=0.9	MAGNITUDE UNCERTAIN
				DEPTH = 10. KM(GEOPHYSICIST)
SEP 5	23 40	350	ML=3.0	BLAST IN LANCASTER SOUND BY BEDFORD INSTITUTE
				LARGEST OF 2 THIS DAY
SEP 6	07 00	319	ML=2.9	BLAST IN LANCASTER SOUND BY BEDFORD INSTITUTE
				LARGEST OF 17 THIS DAY
SEP 18	09 14	99	ML=1.7	

SEP 19	03 05	38	ML=1.4	
SEP 19	11 35	82	ML=1.1	
OCT 5	00 27	415	ML=3.2	ALSO AT MBC
OCT 8	08 35	116	ML=2.0	AFTERSHOCK. SEE TABLE 2A FOR MAIN SHOCK
OCT 13	19 28	525	ML=2.8	ALSO AT MBC
OCT 15	13 19	99	ML=1.2	
OCT 23	02 41	64	ML=1.4	
OCT 27	16 02	580	MN=2.2	ALSO AT MBC
OCT 29	06 23	569	MN=2.6	ALSO AT MBC
NOV 6	20 51	393	ML=3.0	PROBABLY MELVILLE ISLAND. POORLY RECORDED AT MBC
NOV 11	12 45	437	ML=2.4	
NOV 12	10 29	426	ML=3.2	ALSO AT MBC
NOV 15	09 10	448	ML=2.8	POORLY RECORDED AT MBC
NOV 22	22 54	23	ML=1.0	DEPTH = 10. KM(GEOPHYSICIST)
NOV 27	07 36	437	ML=2.6	ALSO AT MBC
DEC 5	04 14	62	ML=0.6	POORLY RECORDED AT MBC
DEC 7	18 18	116	ML=0.8	
DEC 8	17 30	713	MN=2.4	PROBABLY BAFFIN ISLAND. NOT RECORDED ELSEWHERE
DEC 11	04 22	32	ML=1.4	DEPTH = 10. KM(GEOPHYSICIST)
DEC 12	07 15	236	ML=1.8	
DEC 15	03 21	56	ML=1.9	MAGNITUDE UNCERTAIN
DEC 17	09 22	393	ML=2.8	ALSO AT MBC. POORLY RECORDED AT BLC
DEC 17	10 49	404	ML=2.5	ALSO AT MBC
DEC 20	23 54	268	ML=2.0	POORLY RECORDED AT MBC
DEC 27	20 38	437	ML=2.4	NEAR MELVILLE ISLAND. POORLY RECORDED AT MBC
DEC 28	04 54	404	ML=3.2	ALSO AT MBC
DEC 29	04 03	404	ML=2.6	ALSO AT MBC
DEC 31	09 57	426	ML=2.9	ALSO AT MBC
DEC 31	16 15	404	ML=2.9	ALSO AT MBC

TABLE 30

UNLOCATED EVENTS RECORDED AT SCB

DATE	H-TIME (GMT)	DELTA	MAGNITUDE	REMARKS
	HR MN SEC	KM		

SCB DID NOT OPERATE IN 1974

TABLE 31

UNLOCATED EVENTS RECORDED AT SCH

DATE	H-TIME (GMT)	DELTA	MAGNITUDE	REMARKS
	HR MN SEC	KM		

SCH RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS
THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS
STATION IS THEREFORE UNCERTAIN

MAR 28	16 57	251	ML=2.0	POSSIBLE BLAST. POORLY RECORDED AT SFA
AUG 26	05 22	855	ML=3.9	NO LG, LABRADOR SEA. NOT RECORDED ELSEWHERE

TABLE 32

UNLOCATED EVENTS RECORDED AT SES

DATE	H-TIME (GMT)			DELTA KM	MAGNITUDE	REMARKS
	HR	MN	SEC			
FEB 19	03	39		336	ML=3.2	PROBABLY NORTHERN MONTANA POORLY RECORDED AT PNT AND EDM
JUL 1	10	45		31	ML=1.4	LARGEST OF 12 POSSIBLE BLASTS BETWEEN 02 AND 04 HOURS MST THIS DAY DEPTH = 10. KM (GEOPHYSICIST)
AUG 21	03	20		437	ML=2.9	PROBABLY WESTERN MONTANA POORLY RECORDED AT PNT (LG 03 23 10). NOT AT EDM
SEP 10	19	01		287	ML=2.1	
NOV 8	09	10		446	ML=3.0	PROBABLY WESTERN MONTANA ALSO AT PNT
NOV 10	11	49		414	ML=3.1	PROBABLY WESTERN MONTANA
DEC 1	23	34		249	ML=2.5	PROBABLY NORTHERN MONTANA
DEC 25	01	48		352	ML=2.3	POORLY RECORDED AT PNT

TABLE 33

UNLOCATED EVENTS RECORDED AT SFA

DATE	H-TIME (GMT)			DELTA KM	MAGNITUDE	REMARKS
	HR	MN	SEC			
JAN 7	21	11		124	ML=1.8	NOT AT POC
OCT 9	22	08		82	ML=1.7	ALSO AT CHQ. POC NOT OPERATING

TABLE 34

UNLOCATED EVENTS RECORDED AT SIC

DATE	H-TIME (GMT)			DELTA KM	MAGNITUDE	REMARKS
	HR	MN	SEC			

SIC OPERATED FROM DECEMBER 13 ON
NO UNLOCATED EVENTS DETECTED

TABLE 35

UNLOCATED EVENTS RECORDED AT STJ

DATE	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
OCT 16	05 36	1582	ML=5.4	NO LG, ATLANTIC OCEAN FORESHOCK. SEE TABLE 1A FOR MAIN SHOCK

TABLE 36

UNLOCATED EVENTS RECORDED AT SUD

DATE	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
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SUD RECORDS MANY BLASTS FROM NEARBY MINING OPERATIONS
THE DETECTION OF SMALL MAGNITUDE EARTHQUAKES AT THIS
STATION IS THEREFORE UNCERTAIN

NO UNLOCATED EVENTS DETECTED

TABLE 37

UNLOCATED EVENTS RECORDED AT UNB

DATE	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 11	18 02	38	ML=1.1	POSSIBLE BLAST

TABLE 38

UNLOCATED EVENTS RECORDED AT VIC

DATE	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 6	12 33	95	ML=2.7	ALSO AT PNT. NOT AT PHC OR FSJ
JAN 21	02 24	37	ML=1.7	
JAN 23	09 04	82	ML=1.9	POSSIBLE BLAST
JAN 30	23 54	175	ML=1.9	
FEB 13	06 45	319	ML=3.0	POORLY RECORDED AT PNT
FEB 18	00 30	133	ML=2.3	ALSO AT PNT
MAR 3	13 24	107	ML=1.8	
MAR 3	20 32	73	ML=2.2	POORLY RECORDED AT PNT
MAR 13	19 03	167	ML=2.3	POORLY RECORDED AT PHC AND PNT
MAR 14	00 13	116	ML=2.1	
MAR 15	02 31	133	ML=2.2	POORLY RECORDED AT PNT
MAR 15	19 02	37	ML=1.2	
MAR 15	23 48	141	ML=1.8	
APR 6	07 55	124	ML=2.6	POORLY RECORDED AT PNT
APR 6	10 07	23	ML=1.5	ALSO AT PNT
				DEPTH = 10. KM (GEOPHYSICIST)
APR 9	09 13	23	ML=1.1	DEPTH = 10. KM (GEOPHYSICIST)

VIC CONT.

APR 15	06 22	150	ML=1.8	ALSO AT PNT. PROBABLY WASHINGTON STATE
APR 19	23 51	624	ML=3.6	PACIFIC OCEAN. NOT RECORDED ELSEWHERE. UNUSUAL SIGNATURE
APR 20	00 39	90	ML=2.3	WASHINGTON STATE. ALSO AT PNT
APR 24	23 37	99	ML=1.8	
APR 26	18 40	6	ML=1.0	DEPTH = 5. KM(GEOPHYSICIST)
MAY 5	14 54	23	ML=1.0	DEPTH = 10. KM(GEOPHYSICIST)
MAY 6	18 22	107	ML=2.2	
MAY 7	03 17	141	ML=2.1	NOT AT PNT
MAY 7	03 29	141	ML=2.1	NOT AT PNT
MAY 11	02 49	37	ML=1.7	
MAY 11	13 07	64	ML=2.0	
MAY 17	20 13	32	ML=1.8	POORLY RECORDED AT PNT
				DEPTH = 10. KM(GEOPHYSICIST)
MAY 22	11 58	32		WASHINGTON STATE. ALSO AT PNT
				MAGNITUDE UNCERTAIN, LESS THAN 3
				DEPTH = 10. KM(GEOPHYSICIST)
				WASHINGTON STATE, ALSO AT PNT
MAY 22	12 22	158	ML=2.0	
JUN 6	22 16	37	ML=1.8	
JUN 16	04 27	56	ML=1.2	
JUN 16	07 10	133	ML=2.4	
JUL 6	20 18	124	ML=1.8	
JUL 12	22 13	158	ML=2.1	
JUL 14	11 14	218	ML=2.5	ALSO AT PNT
				VIC DID NOT OPERATE FROM JULY 18-22
JUL 22	11 30	236	ML=2.1	ALSO AT PNT
AUG 10	14 14	32	ML=1.0	DEPTH = 10. KM(GEOPHYSICIST)
AUG 10	21 52	133	ML=1.8	
AUG 14	09 11	90	ML=2.8	ALSO AT PNT
AUG 15	23 33	141	ML=2.0	ALSO AT PNT
AUG 18	19 01	116	ML=1.8	ALSO AT PNT
AUG 19	08 16	112	ML=2.4	ALSO AT PNT
AUG 25	17 35	32	ML=1.7	DEPTH = 10. KM(GEOPHYSICIST)
AUG 27	07 13	73	ML=2.0	POORLY RECORDED AT PNT
SEP 5	02 29	56	ML=1.9	
SEP 5	22 56	236	ML=2.4	PNT NOT OPERATING
SEP 13	13 44	211	ML=2.0	ALSO AT PNT
SEP 13	15 26	73	ML=1.8	
SEP 14	01 27	99	ML=1.9	
SEP 17	13 36	90	ML=1.8	
SEP 18	07 27	47	ML=2.6	POORLY RECORDED AT PNT. NOT AT PHC
SEP 25	03 16	37	ML=2.3	POORLY RECORDED AT PNT. NOT AT PHC
SEP 29	11 20	107	ML=1.5	
OCT 1	15 28	37	ML=2.5	POORLY RECORDED AT PNT. NOT AT PHC
OCT 24	22 02	218	ML=1.8	POORLY RECORDED AT PNT. NOT AT PHC
NOV 7	00 05	226	ML=1.8	NOT AT PNT OR PHC
NOV 11	23 11	141	ML=2.2	ALSO AT PNT
NOV 19	02 44	668	ML=4.2	NO LG, PROBABLY OF COAST OF OREGON
DEC 4	17 20	82	ML=2.6	PNT NOT OPERATING
DEC 8	12 24	82	ML=1.7	
DEC 12	20 58	251	ML=2.5	POORLY RECORDED AT PNT
DEC 15	18 05	99	ML=2.5	AFTERSHOCK. SEE TABLE 3B FOR MAIN EVENT. ALSO AT PNT
DEC 24	09 14	124	ML=1.8	ALSO AT PNT. NOT AT PHC
DEC 27	08 51	73	ML=2.4	ALSO AT PNT

TABLE 39

UNLOCATED EVENTS RECORDED AT WHC

DATE	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	21 54	274	ML=2.6	
JAN 4	08 29	325	ML=2.7	
JAN 4	12 15	344	ML=3.2	
JAN 5	21 01	261	ML=2.4	
JAN 5	23 03	255	ML=2.4	
JAN 6	04 37	274	ML=1.9	
JAN 8	00 58	338	ML=2.8	
JAN 9	15 35	274	ML=2.2	
JAN 9	19 01	274	ML=2.2	
JAN 10	03 45	274	ML=2.2	
JAN 10	08 37	325	ML=2.7	
JAN 13	15 56	261	ML=3.3	PROBABLY SOUTHEASTERN ALASKA
JAN 16	12 17	287	ML=2.7	
JAN 19	08 01	150	ML=3.1	PROBABLY SOUTHEASTERN ALASKA
JAN 26	10 56	204	ML=2.8	
JAN 27	08 19	344	ML=3.9	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
FEB 6	17 06	242	ML=3.0	PROBABLY WESTERN YUKON-SOUTHEASTERN ALASKA
FEB 10	21 11	350	ML=2.8	
FEB 10	21 47	201	ML=1.7	
FEB 11	07 43	331	ML=2.4	
FEB 11	22 19	369	ML=3.8	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
FEB 12	09 48	201	ML=3.2	PROBABLY SOUTHEASTERN ALASKA POORLY RECORDED AT INK
FEB 14	18 17	331	ML=2.7	PROBABLY SOUTHEASTERN ALASKA
FEB 14	18 44	338	ML=3.1	PROBABLY SOUTHEASTERN ALASKA
FEB 15	23 57	209	ML=2.9	POSSIBLE BLAST. POORLY RECORDED AT INK
FEB 17	00 05	223	ML=1.8	
FEB 17	00 06	223	ML=2.1	
FEB 19	08 55	357	ML=2.5	PROBABLY SOUTHEASTERN ALASKA
FEB 20	16 45	319	ML=2.7	PROBABLY SOUTHEASTERN ALASKA
FEB 23	11 12	192	ML=2.3	
MAR 1	00 03	255	ML=3.6	PROBABLY SOUTHERN YUKON. POORLY RECORDED AT YKC
MAR 1	00 14	274	ML=2.5	AFTERSHOCK OF PRECEEDING EVENT
MAR 3	15 58	274	ML=2.5	AFTERSHOCK
MAR 4	07 21	150	ML=3.1	PROBABLY SOUTHWESTERN YUKON. MAY BE TWO EVENTS
MAR 4	19 44	395	ML=3.0	PROBABLY SOUTHEASTERN ALASKA
MAR 5	09 41	255	ML=2.5	
MAR 7	19 35	141	ML=2.7	
MAR 7	23 33	141	ML=2.1	
MAR 13	12 24	175	ML=2.2	
MAR 14	13 43	382	ML=2.5	
MAR 14	17 52	236	ML=2.4	
MAR 16	15 53	107	ML=1.9	
MAR 29	06 07	218	ML=2.5	POSSIBLE BLAST
APR 6	03 06	344	ML=3.3	PROBABLY SOUTHEASTERN ALASKA
APR 11	12 54	591	ML=3.0	PROBABLY SOUTHERN ALASKA
APR 12	06 16	287	ML=2.9	PROBABLY SOUTHEASTERN ALASKA
APR 12	13 51	133	ML=1.4	
APR 16	13 53	192	ML=2.8	
APR 16	16 00	294	ML=2.2	

APR 18	21 52	281	ML=2.8	FORESHOCK. SEE TABLE 3C FOR MAIN SHOCK THIS DAY
APR 19	06 35	294	ML=2.2	
APR 22	06 39	242	ML=2.0	
APR 23	03 19	401	ML=2.7	PROBABLY SOUTHERN ALASKA
APR 24	12 31	268	ML=2.1	PROBABLY SOUTHEASTERN ALASKA
APR 24	14 01	401	ML=3.2	PROBABLY SOUTHERN ALASKA
APR 27	21 27	287	ML=2.2	
APR 29	16 24	331	ML=2.4	PROBABLY SOUTHEASTERN ALASKA
MAY 1	09 28	338	ML=3.6	PROBABLY SOUTHEASTERN ALASKA
MAY 2	01 39	255	ML=2.3	POORLY RECORDED AT INK
MAY 2	06 51	274	ML=2.2	
MAY 3	06 04	281	ML=3.3	PROBABLY SOUTHEASTERN ALASKA POORLY RECORDED AT INK
MAY 8	23 38	175	ML=2.1	
MAY 9	01 29	344	ML=3.9	POORLY RECORDED AT INK. PROBABLY SOUTHERN ALASKA
MAY 10	01 37	382	ML=2.9	
MAY 15	08 25	236	ML=3.2	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
MAY 16	13 43	344	ML=3.0	PROBABLY SOUTHEASTERN ALASKA
MAY 16	14 01	350	ML=3.0	PROBABLY SOUTHEASTERN ALASKA
MAY 19	06 22	185	ML=3.2	PROBABLY SOUTHERN YUKON. POORLY RECORDED AT INK
MAY 19	13 11	344	ML=3.0	PROBABLY SOUTHEASTERN ALASKA. POORLY RECORDED AT FSJ
MAY 21	00 03	436	ML=2.8	
MAY 27	14 58	192	ML=2.5	
MAY 28	07 14	268	ML=2.2	
MAY 28	23 06	319	ML=3.3	PROBABLY SOUTHEASTERN ALASKA, POORLY RECORDED AT YKC
MAY 31	12 42	445	ML=3.2	PROBABLY SOUTHERN ALASKA
JUN 1	12 25	325	ML=2.6	PROBABLY SOUTHEASTERN ALASKA
JUN 6	16 44	287	ML=3.2	PROBABLY WEST-CENTRAL YUKON, POORLY RECORDED AT INK
JUN 6	18 01	319	ML=2.7	PROBABLY SOUTHEASTERN ALASKA
JUN 8	11 25	281	ML=2.2	
JUN 9	15 04	281	ML=2.9	POORLY RECORDED AT INK
JUN 17	01 32	471	ML=3.9	PROBABLY SOUTHERN ALASKA
JUN 19	08 25	338	ML=3.2	POORLY RECORDED AT INK
JUN 23	12 22	274	ML=2.3	
JUN 24	08 08	192	ML=3.0	PROBABLY SOUTHEASTERN ALASKA POORLY RECORDED AT INK
JUN 28	06 23	249	ML=2.0	
JUL 1	00 08	167	ML=2.6	
JUL 3	02 22	167	ML=2.8	
JUL 5	17 27	325	ML=3.0	PROBABLY SOUTHEASTERN ALASKA
JUL 6	16 04	209	ML=2.8	POORLY RECORDED AT INK
JUL 8	14 29	287	ML=2.9	PROBABLY SOUTHEASTERN ALASKA
JUL 10	18 29	167	ML=2.6	
JUL 13	09 23	274	ML=2.3	
JUL 14	16 11	209	ML=2.7	POSSIBLE BLAST
JUL 15	22 24	268	ML=3.0	PROBABLY SOUTHWESTERN YUKON. POORLY RECORDED AT INK
JUL 16	06 23	268	ML=3.3	PROBABLY SOUTHWESTERN YUKON
JUL 27	03 50	167	ML=2.5	
JUL 29	06 45	184	ML=3.0	PROBABLY SOUTHWESTERN YUKON
AUG 9	01 33	319	ML=3.0	PROBABLY SOUTHEASTERN ALASKA
AUG 9	23 54	331	ML=2.7	PROBABLY SOUTHEASTERN ALASKA
AUG 10	05 03	133	ML=1.6	

WHC SEISMOGRAPH OPERATED IN AN UNDAMPED STATE FROM AUGUST 12 TO NOVEMBER 27. WHC DID NOT OPERATE AT ALL FROM SEPTEMBER 25 TO OCTOBER 05. ON NOVEMBER 27 THE CALIBRATION PROBLEM AT WHC WAS CORRECTED AND SHORT-PERIOD HORIZONTAL INSTRUMENTS WERE ADDED. NO UNLOCATED EVENTS ARE LISTED IN THIS TABLE FOR THE PERIOD AUGUST 12 TO NOVEMBER 25.

NOV 29	05 48	300	ML=3.3	PROBABLY SOUTHEASTERN ALASKA
NOV 29	18 45	338	ML=3.7	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
DEC 1	05 42	192	ML=2.1	
DEC 3	19 05	305	ML=3.1	PROBABLY SOUTHEASTERN ALASKA
DEC 7	09 17	360	ML=3.3	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
DEC 12	01 46	361	ML=3.8	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
DEC 15	00 23	268	ML=2.6	PROBABLY CENTRAL YUKON. ALSO AT INK
DEC 16	09 16	448	ML=3.0	PROBABLY SOUTHERN ALASKA. POORLY RECORDED AT INK
DEC 21	11 48	211	ML=2.0	
DEC 22	11 05	204	ML=2.1	
DEC 24	11 46	211	ML=3.2	WESTERN YUKON. POORLY RECORDED AT INK
DEC 30	20 43	338	ML=3.2	PROBABLY SOUTHEASTERN ALASKA

TABLE 40

UNLOCATED EVENTS RECORDED AT YKC

DATE	H-TIME(GMT)			DELTA	MAGNITUDE	REMARKS
	HR	MN	SEC			
MAR 14	13	43		834	MN=2.7	ALSO AT INK
APR 19	14	55		635	MN=2.8	PROBABLY EAST-CENTRAL YUKON. POORLY RECORDED AT INK

