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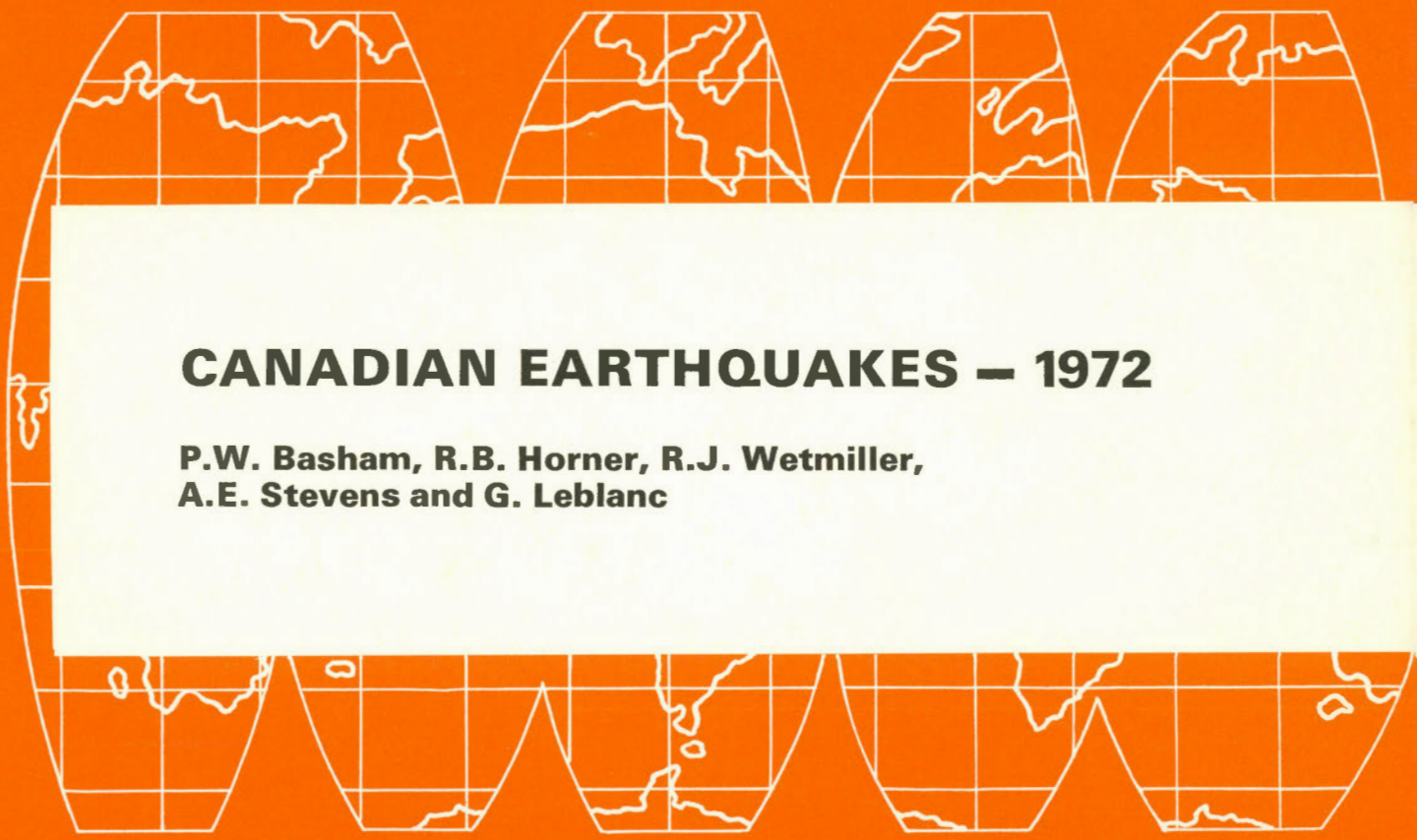

CANADIAN EARTHQUAKES — 1972

P.W. Basham, R.B. Horner, R.J. Wetmiller,
A.E. Stevens and G. Leblanc

Seismological Series Number 76
Ottawa, Canada 1977

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ABSTRACT

This catalogue lists 974 earthquakes in Canada and adjacent areas detected by the Canadian seismograph network in 1972. A total of 268 earthquakes were located, 216 in Canada and 52 in the adjacent areas of the United States and Greenland. Forty-four earthquakes in Canada had a magnitude of 4 or greater. The largest earthquake in Canada in 1972 occurred on 23 July 19^h west of Vancouver Island with magnitude m_b 5.8, M_S 6.4. An additional 706 small shocks are described only by magnitude and by distance from the nearest seismograph station.

Most earthquakes in 1972 occurred in the northern Yukon, in the Queen Elizabeth Islands and west of Vancouver Island. A minor earthquake was located in southern Saskatchewan where few previous earthquakes are known. Sixteen earthquakes plus one rockburst were reported felt in Canada in 1972, including two in the Arctic Islands. The most strongly felt earthquake occurred on 5 July 10^h just off the west coast of Vancouver Island and was felt with intensity V in several coastal communities.

The text is accompanied by four epicentre maps and isoseismal maps for three of the felt earthquakes. In addition, the located earthquakes are listed chronologically by region in four tables; the unlocated events are listed chronologically by recording station in 15 tables. One table summarizes the reports of earthquakes felt in Canada in 1972.

RÉSUMÉ

Le présent catalogue énumère 974 tremblements de terre détectés au Canada et dans les régions avoisinantes par le réseau séismographique canadien en 1972. On a localisé 268 tremblements de terre, dont 216 au Canada et 52 dans les régions adjacentes, c'est-à-dire les États-Unis et le Groenland. Quarante-quatre des séismes ayant eu lieu au Canada avaient une magnitude d'au moins 4. Le séisme le plus considérable subi au Canada en 1972 s'est produit le 23 juillet à 19 h à l'ouest de l'île Vancouver et a atteint une magnitude de m_b 5.8, M_S 6.4. La description de 706 petits tremblements de terre supplémentaires ne présente que la magnitude et la distance entre l'épicentre et la station séismographique la plus proche.

La plupart des séismes de 1972 se sont produits au nord du Yukon, dans les îles Reine-Élisabeth et à l'ouest de l'île Vancouver. Un tremblement de terre secondaire a été localisé dans le sud de la Saskatchewan, où très peu de séismes se sont fait sentir auparavant. Seize tremblements de terre et un éclatement de roches ressentis au Canada ont été rapportés en 1972, dont deux dans les îles de l'Arctique. Le tremblement de terre survenu le 5 juillet à 10 h tout près de la côte ouest de l'île Vancouver a été le séisme le plus fortement ressenti, atteignant une intensité de V dans quelques communautés côtières.

Quatre cartes des épicentres et des cartes isoséistes de trois des tremblements de terre ressentis accompagnent le texte. De plus, les tremblements de terre localisés sont catalogués dans quatre tableaux, par ordre chronologique et selon la région d'origine. Les événements non localisés sont classés dans 15 tableaux, par ordre chronologique et selon la station d'enregistrement. Un dernier tableau présente un sommaire des rapports des tremblements de terre ressentis au Canada en 1972.

CONTENTS

LIST OF FIGURES

LIST OF TABLES

CANADIAN EARTHQUAKES — 1972

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I. INTRODUCTION

This catalogue continues the annual lists of earthquakes in Canada as prepared by the Division of Seismology and Geothermal Studies, Earth Physics Branch (EPB), Department of Energy, Mines and Resources. An enumeration of the previous papers in this series can be found in Appendix 1 of "Canadian Earthquakes - 1974" (Wetmiller, 1976b), to which should be added "Canadian Earthquakes - 1971" (Horner et al., 1976).

Earthquakes are listed in chronological order for each of the four regions of Canada as shown in Fig. 1. The Eastern, Northern, Western and Central Regions are covered in Tables 1, 2, 3 and 4, respectively. Subsections of these tables contain the earthquakes located outside Canada. This catalogue, however, is not intended to be a complete listing of seismic activity in the United States close to the Canadian border. Only those events previously located by other agencies or large enough to be recorded in Canada are included. Unlocated earthquakes or those recorded at only one station are listed in Tables 5 to 19. Whenever possible an epicentral region for these events is suggested. These lists of

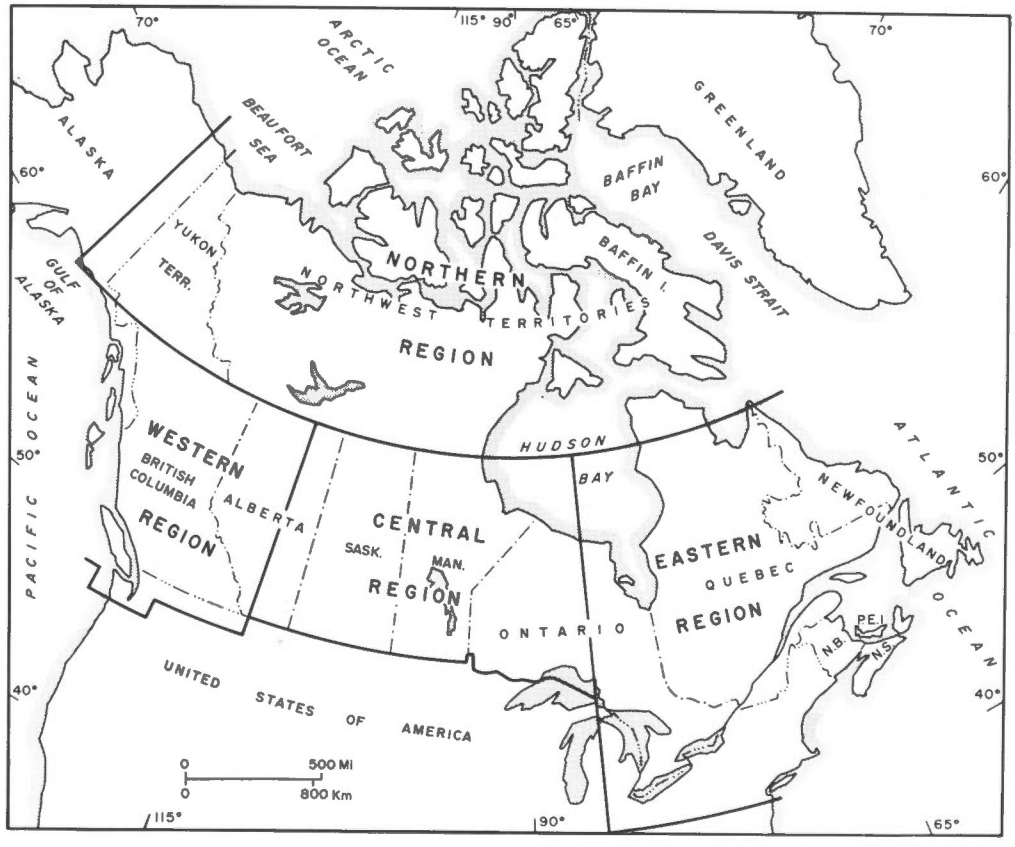


Figure 1. The four regions of Canada

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 for indicating relative levels of low magnitude seismic activity near each station. In these tables, distances are given to the nearest kilometer but should not be considered accurate to better than ±10% of the calculated value.

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 patterns of Canadian seismicity requires a consideration of the tectonics of neighbouring areas. In addition, the Northern Region map and table contain events beyond its boundaries in northern Alaska and Greenland, which have been located with the Canadian Seismograph Network but for which epicentres have not been published by the International Seismological Centre (ISC) or the United States National Earthquake Information Centre (NEIC), (subsequently the U.S. National Earthquake Information Service - NEIS). The Canadian records are not systematically read for all such events. Information on magnitude and felt area for some American events is obtained from "United States Earthquakes 1972" (Coffman and von Hake, 1974).

1. *Epicentre determination*

Epicentral solutions given in this catalogue are calculated by standard regression techniques applied to earthquakes recorded at regional and near-teleseismic distances. The solutions are based on the arrival times of P_n, P_1, S_n and L_g phases. The travel-time equations used are based on a single-layered crust 36 km thick and assume a focal depth of 18 km, as follows:

$$P_1 - H = \Delta/6.20$$

$$P_n - H = 5.60 + \Delta/8.2$$

$$L_g - H = \Delta/3.57$$

$$S_n - H = 9.84 + \Delta/4.7$$

H is the origin time in seconds and Δ is the epicentral distance in kilometers. For a surface focus P_n and S_n intercepts become 7.50 and 13.12 s, respectively. Unless otherwise stated in the tables, the focal depth has been held fixed at 18 km or half the assumed crustal thickness. Because of a general paucity of data for most earthquakes, especially at epicentral distances less than 50 km, and uncertainties in the assumed crustal model, better estimates of focal depth cannot be made at present.

In the tables 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 epicentral 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 at a minimum of three stations with a minimum of six phases. The station geometry, in particular, and the RMS value are also considered.

When available, solutions determined by the ISC and NEIC are also given in the tables. This information is obtained from the 1972 ISC Bulletin, Vol. 9, Nos. 1-12. Unless otherwise stated, these epicentres are calculated at a fixed model depth of 33 km. Unrestrained focal depths that result from their calculations should not, in general, be considered accurate; they are not likely more accurate than the general assumption of mid-crustal depths (18 km) assumed in the Canadian epicentre determinations. The ISC and NEIC do not calculate an RMS value but instead calculate the standard deviation (SD) of one P observation. This value is given in the tables in the RMS column. The relationship between these two quantities is $SD = \sqrt{N/(N-3)}\ RMS$, where N is the number of readings used.

Epicentres occurring within Canada and located by the ISC or NEIC have been recomputed, in most cases, using Canadian data augmented by P arrival times of foreign stations at distances less than 20^{o} obtained from the ISC Bulletin. For earthquakes occurring outside Canada but within the areas shown in Fig. 1, only the ISC and/or NEIC epicentres, in most cases, are presented.

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 (1958) for California and by Nuttli (1973) for eastern North America. These scales have been applied to Canadian earthquakes as follows:

A: For earthquakes east of the Cordillera (Eastern, Northern and Central Regions) the Nuttli short-period magnitude m_N, is calculated from the maximum short-period vertical amplitude of the L_g phase only if the following three conditions hold:

1) the epicentral distance is greater than 500 km

2) the period of the maximum amplitude is less than 1.3 seconds

3) the propagation path does not include a substantial section of either the Cordillera (British Columbia or the southern Yukon Territory) or any oceanic area (Pacific, Atlantic, Beaufort Sea or central Baffic Bay). For such paths the Lg phase is attenuated or completely absent.

B: For earthquakes in the Cordillera (Western Region) or in any other region of Canada if no data are available beyond 500 km, the Richter magnitude M_L, is calculated from the maximum short-period vertical amplitude of the S_1, or L_g phase if the following two conditions hold:

1) the epicentral distance is less than 600 km

2) the period of the maximum amplitude is less than 2.0 seconds.

C: For earthquakes located in oceanic areas or where the path includes a substantial section of oceanic crust so that the L_g phase is absent, M_L is calculated from the maximum short-period vertical amplitude of the S_n phase with no distance restriction. Because S_n amplitude attenuation is not adequately known, these magnitudes should be considered tentative.

In addition, M_S magnitudes have been calculated by the EPB for five of the larger Canadian earthquakes using the formula developed by Marshall and Basham (1972) for North America continental paths.

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

II. CANADIAN SEISMOGRAPH NETWORK

Fig. 2 shows the 34 stations of the Canadian Seismograph Network whose records were used in the preparation of this catalogue. Detailed notes regarding instrumentation and changes in instrument constants, calibrations, etc., can be found in the 1972 Seismological Bulletin (Lombardo *et al.*, 1973).

The following international code letters are used as station abbreviations:

*ALB[1]	Port Alberni, B.C.
ALE	Alert, N.W.T.
BLC	Baker Lake, N.W.T.
*CHQ	Charlesbourg, P.Q.
EDM	Edmonton, Alta.
FBC[2]	Frobisher, N.W.T.
FCC	Fort Churchill, Man.
FFC	Flin Flon, Man.
FRB[3]	Frobisher, N.W.T.
FSJ	Fort St. James, B.C.

GWC[4]	Great Whale River, P.Q.	RES	Resolute, N.W.T.
*HAL	Halifax, N.S.	SCB[8]	Scarborough, Ont.
INK	Inuvik, N.W.T.	SCH	Schefferville, P.Q.
LHC	Thunder Bay, Ont.	SES	Suffield, Alta.
MBC	Mould Bay, N.W.T.	SFA	Seven Falls, P.Q.
*MCC[5]	Mica Creek, B.C.	*SIC[9]	Sept-Iles, P.Q.
MNT	Montreal, P.Q.	STJ	Saint John's, Nfld.
OTT	Ottawa, Ont.	*SUD	Sudbury, Ont.
PHC	Port Hardy, B.C.	*UNB	Fredericton, N.B.
PNT	Penticton, B.C.	VIC	Victoria, B.C.
**PBQ[6]	Poste-de-la-Baleine, P.Q.	*WHC	Whitehorse, Y.T.
*POC[7]	La Pocatiere, P.Q.	YKC	Yellowknife, N.W.T.
*QCC	Queen Charlotte City, B.C.		
*QCQ	Quebec, P.Q.		

*Regional station, single-component short-period vertical.
**Regional station, 3-component short-period, one vertical and two horizontals.

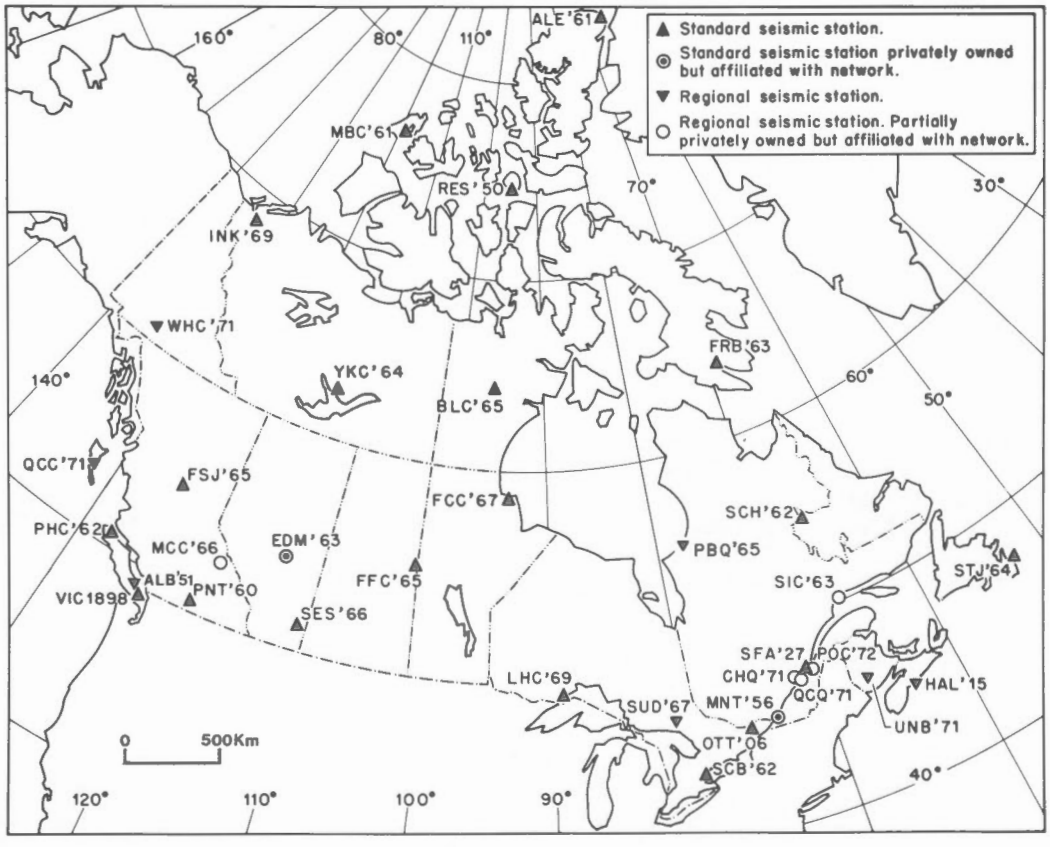


Figure 2. The Canadian Seismograph Network - 1972

1 - Closed July 1, 1972.

2 - Closed November 21, 1972.

3 - Commenced operation December 1, 1972, near former FBC site.

4 - Closed September 1, 1972.

5 - Not operating for 4½ months; operating at reduced gain for 6 months.

6 - Commenced operation September 14, 1972, near former GWC site.

7 - Commenced operation January 20, 1972.

8 - Intermittent operation during 1972.

9 - Poor quality records throughout the year.

The magnification levels of the short-period seismographs of the Canadian Seismograph Network during 1972 permitted detection of most events of magnitude 3½ or greater in Canada. In southwestern British Columbia and the upper St. Lawrence Valley 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 as large as 4; these are generally easy to locate and reject. Most blasts, however, are generally much smaller and the distinction on seismograms between blasts and earthquakes can be very difficult, especially when the event is recorded at only one station and 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.

IV. SUMMARY OF SEISMIC ACTIVITY FOR 1972

The seismic activity within each of the four Regions during 1972 is discussed below. A total of 974 earthquakes were detected and 268 of these located, 216 in Canada and 52 in adjacent areas of the United States and Greenland. Forty-four earthquakes in Canada had a magnitude of 4 or greater. The largest earthquake in Canada in 1972 occurred on 23 July 19^h west of Vancouver Island with magnitude m_b 5.8, M_S 6.4. All times in the tables are Greenwich Mean Times (GMT) unless otherwise stated.

In Canada, 16 earthquakes plus one rockburst were reported felt. These are summarized in Table 20. The most strongly felt earthquake occurred on 5 July 10^h just off the west coast of Vancouver Island and was felt with intensity V in several coastal communities. The Modified Mercalli Intensity Scale of 1931 was used to classify reports of felt earthquakes.

Fig. 3 shows 65 earthquakes with magnitude 4 or greater in Canada and adjacent areas in 1972, one off the east coast of Canada, 38 in the Northern Region and 26 in the Western Region. Most of these earthquakes occurred in sparsely settled areas or offshore and this explains to a large extent the very few reports of felt earthquakes. The actual "felt area" depends very markedly on local soil conditions, on the radiation pattern from the focus and, most importantly, on the population density within about 200 km of the epicentre. All of these may vary considerably from one earthquake to another.

In Fig. 3 and on subsequent epicentre maps when two or more earthquakes have closely similar epicentral locations only the largest magnitude earthquake is plotted with an attached number indicating the total number of events.

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. Table 1 lists 32 earthquakes, 30 in Canada, including one off the east coast (Table 1A), and two in the United States (Table 1B). Epicentres for these earthquakes are plotted in Fig. 4 which also shows the Canadian seismograph stations in the area. As well, four unlocated events occurring near La Pocatière are listed in Table 13.

Only minor seismic activity occurred in the Eastern Region in 1972. In Canada the seismicity was confined mainly to the lower St. Lawrence Valley and to a zone in southwestern Quebec that runs northwest through the Montreal-Ottawa region. One small event occurred in James Bay on 17 August. The largest earthquake, magnitude

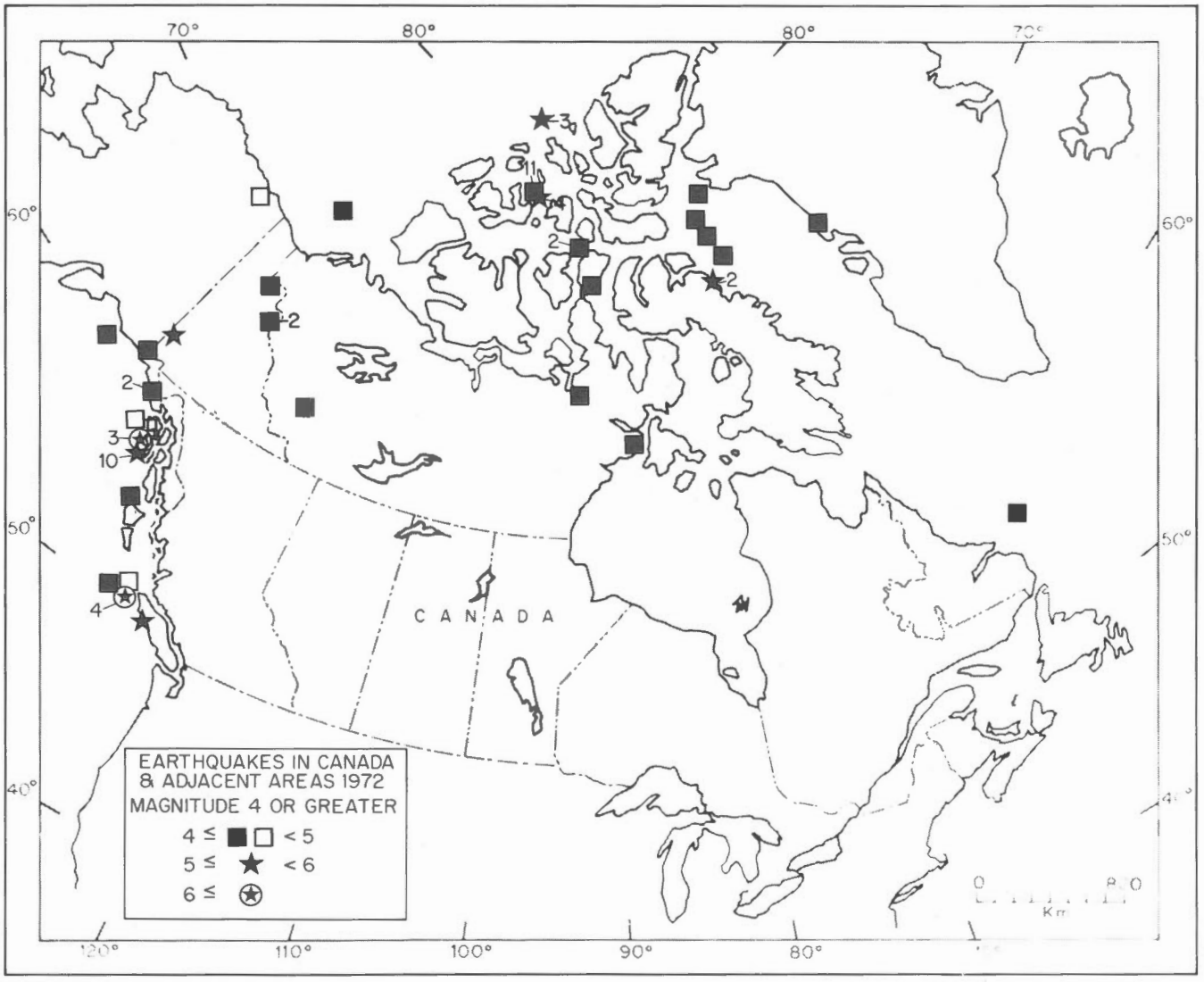


Figure 3. Earthquakes in Canada and adjacent areas during 1972 with magnitude 4 or greater.

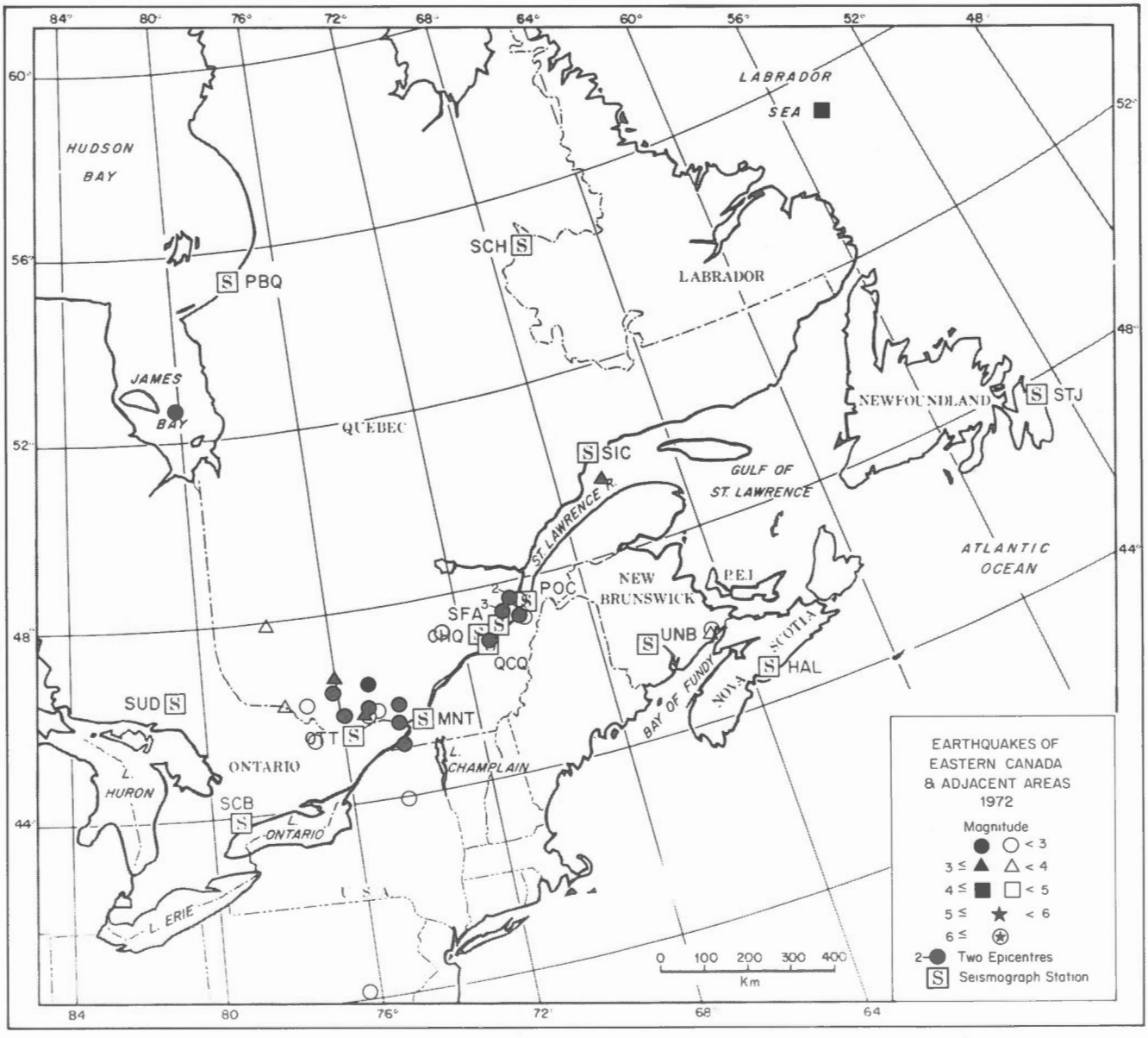


Figure 4. Earthquakes of Eastern Canada and adjacent areas - 1972.

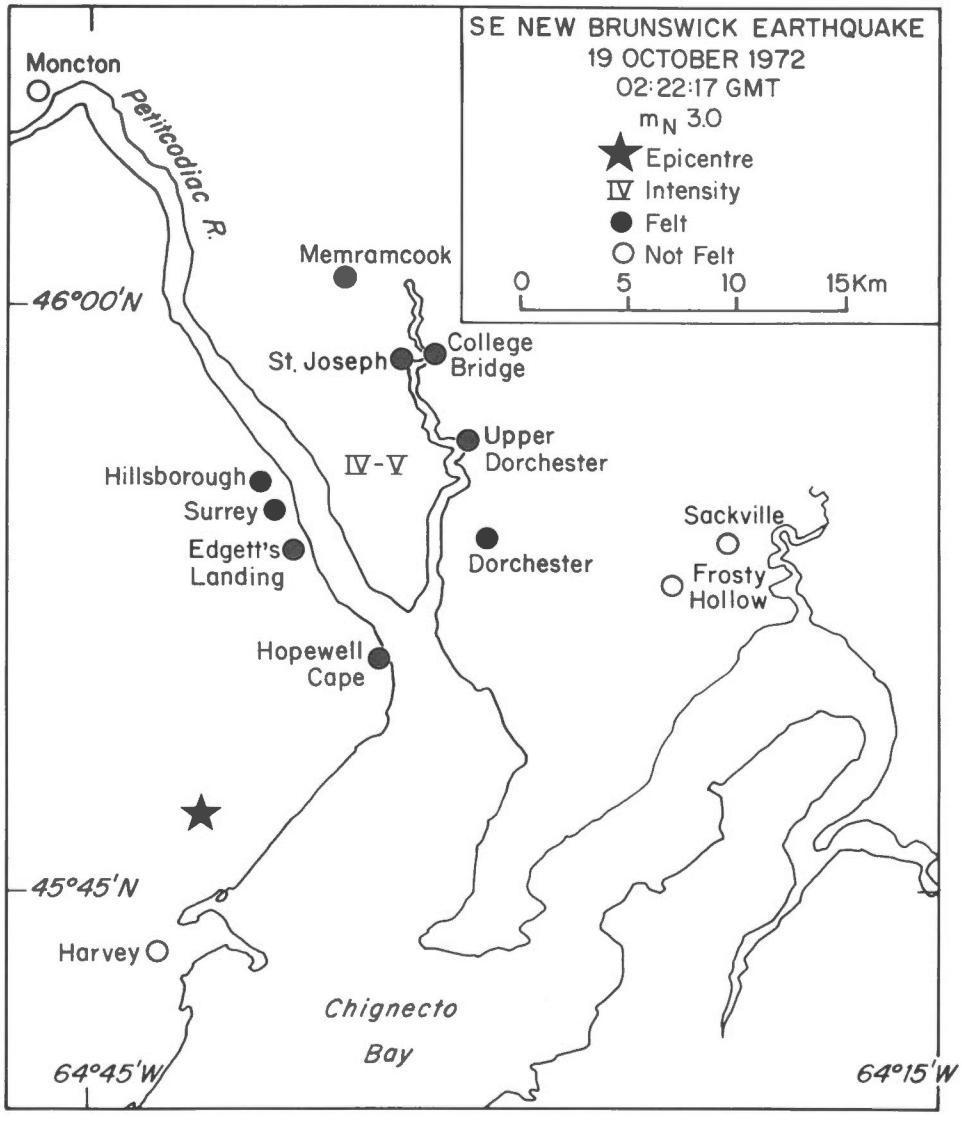


Figure 5. The southeastern New Brunswick earthquake of 19 October 1972 (adapted from the "Moncton Transcript" of 19 October 1972).

M_L4.5, occurred in the Labrador Sea on 25 January 02^h. All of the other earthquakes in the Eastern Region were less than magnitude 4.

Eight earthquakes were reported mildly felt in eastern Canada in 1972 (see Table 20), five in southwestern Quebec, one in the lower St. Lawrence Valley and two in New Brunswick. The larger of the two New Brunswick earthquakes, magnitude m_N3.0 on 19 October $02^h\ 22^m\ 17^s$, was felt along the lower portions of the Petitcodiac and Memramcook Rivers southeast of Moncton (Fig. 5). Intensities of IV-V were reported in the Dorchester and Hillsborough areas. The second earthquake, which occurred on 6 November 12^h, with magnitude M_L 2.2, was felt slightly in the region from Dorchester to College Bridge.

A series of five rockbursts was reported felt at St. Lawrence, Newfoundland (46.9^oN, 55.4^oW), on 23 February between 07^h00^m and 07^h40^m. The most severe of these rockbursts at 07^h07^m was felt over an area of about five km radius with maximum intensities of VI. Some dwellings showed cracked foundations, chimneys and fireplaces; dishes were knocked off shelves and windows broken. Explosive sounds preceded the shaking. Damage in the mine was restricted to cracked timbers and some fallen rock from shaft walls and ceilings. This rockburst was weakly recorded at STJ about 220 km ENE of St. Lawrence with a magnitude M_L 2.9. This event is listed in Table 20 but is not included in Table 1 or Fig. 4.

2. *Northern Region*

The Northern Region lies north of 60^oN and extends west into Alaska to 145^oW and east into Greenland. Two events west of 145^oW are included since they were located by the EPB and epicentres had not been published by the ISC and NEIC. Table 2 lists 156 earthquakes, including eight in Alaska (Table 2B) and six in or near Greenland (Table 2C). Epicentres for these events are plotted in Fig. 6, which also shows the seismograph stations in the Region. In addition, 509 unlocated events are listed in Tables 5 to 12, and 19. Several of these earthquakes are associated with larger events and, wherever possible, an epicentral region is suggested.

The areas of highest seismic activity in the Northern Region in 1972 were the northern Yukon Territory and the Queen Elizabeth Islands. Northeast of Melville Island in Byam Martin Channel, an extensive series of earthquakes began on 16 November that has continued episodically through 1975 (see Wetmiller, 1976a, b). During the last 46 days of 1972, 159 events were detected in this region. Fifty-two of these were large enough to be located (Table 2A); the remainder, recorded only at MBC and/or RES, are listed separately in Table 19. Fig. 7 presents a histogram of the daily number of events from 16 November to 31 December and also indicates the temporal distribution of those earthquakes with magnitude m_N 4 or greater. The four largest events in 1972 had magnitudes between m_N5.1 and 5.7, with the largest on 21 November 10^h. Two of these events, 27 December 22^h with m_N5.4 and 28 December $14^h\ 36^m$ with m_N5.1, were reported felt by a drilling crew on King Christian Island about 150 km to the northeast of the epicentres. A preliminary account of the spatial and temporal characteristics of this series of earthquakes has been given by Basham *et al.* (1977).

Elsewhere in the Northern Region earthquakes were scattered through Baffin Bay, the east coast of Baffin Island, southern Davis Strait, and south from Resolute through Barrow Strait, Somerset Island and the Boothia Peninsula to Wager Bay. A small cluster of activity was observed in the Arctic Ocean to the northwest of Ellef Ringnes Island with the largest event on 30 September 22^h having magnitude M_L 5.0. In the southwestern Yukon Territory a magnitude m_b5.2 event occurred on 10 June 03^h.

During the summer of 1972 a field survey was carried out in the northern Yukon Territory and Mackenzie River delta by the EPB. It was designed to achieve higher precision in hypocentral locations and to more accurately delineate active seismic zones (Leblanc and Wetmiller, 1974). During a period of about six weeks from the last week in June to the first week in August, 27 events were located. Two of these events, 01 July 17^h and 26 July 18^h, were large enough to be located by the Canadian Seismograph Network (Table 2A); 16 of the remaining 25 events were recorded only at INK and are identified in Table 8. The event of 26 July 18^h, magnitude m_N4.6, was reported felt by a field party in the area. A nodal-plane solution suggested strike-slip motion on a steeply-dipping plane striking either northwest or northeast. The calculated focal depth was 26±3 km (Leblanc and Wetmiller, 1974).

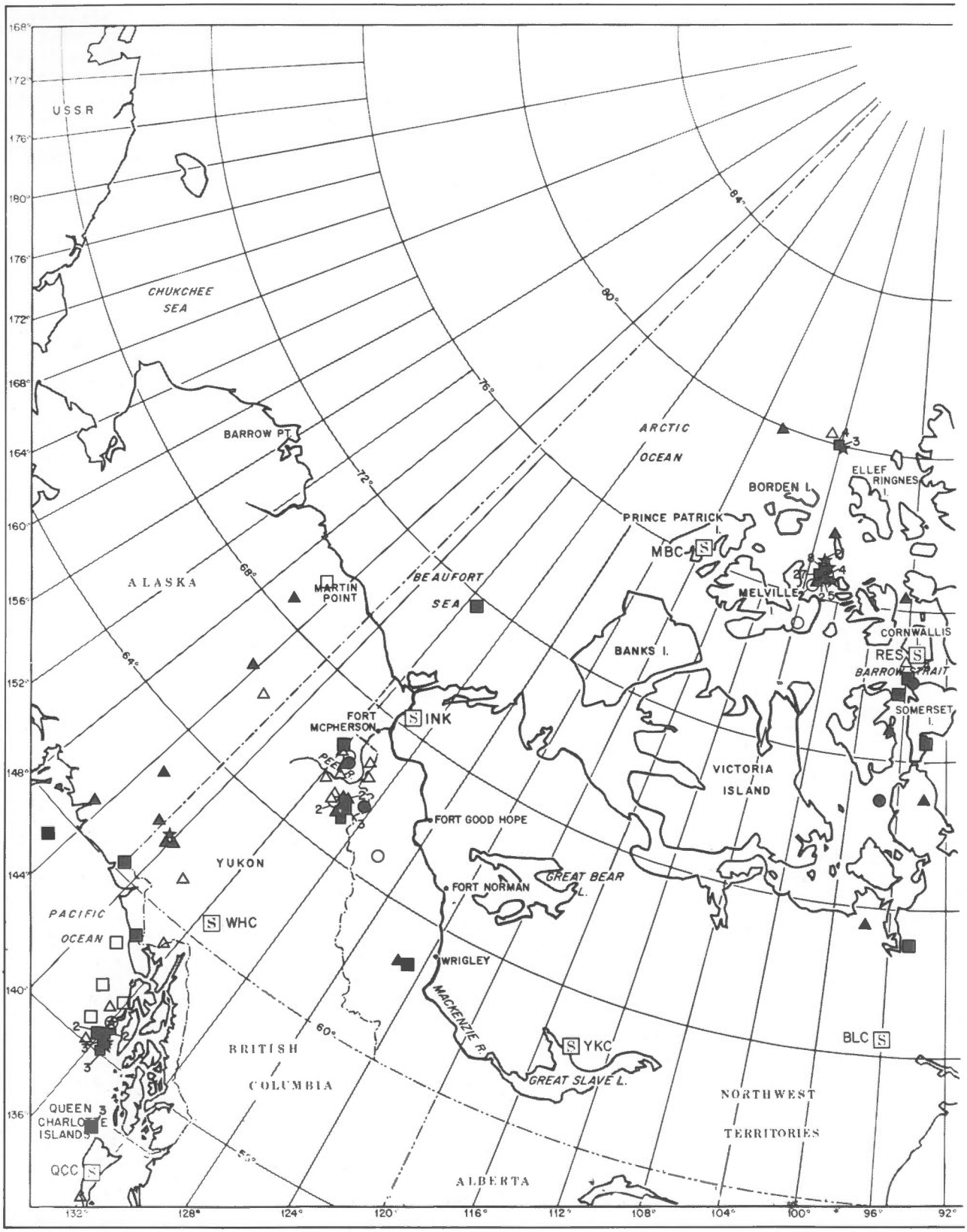
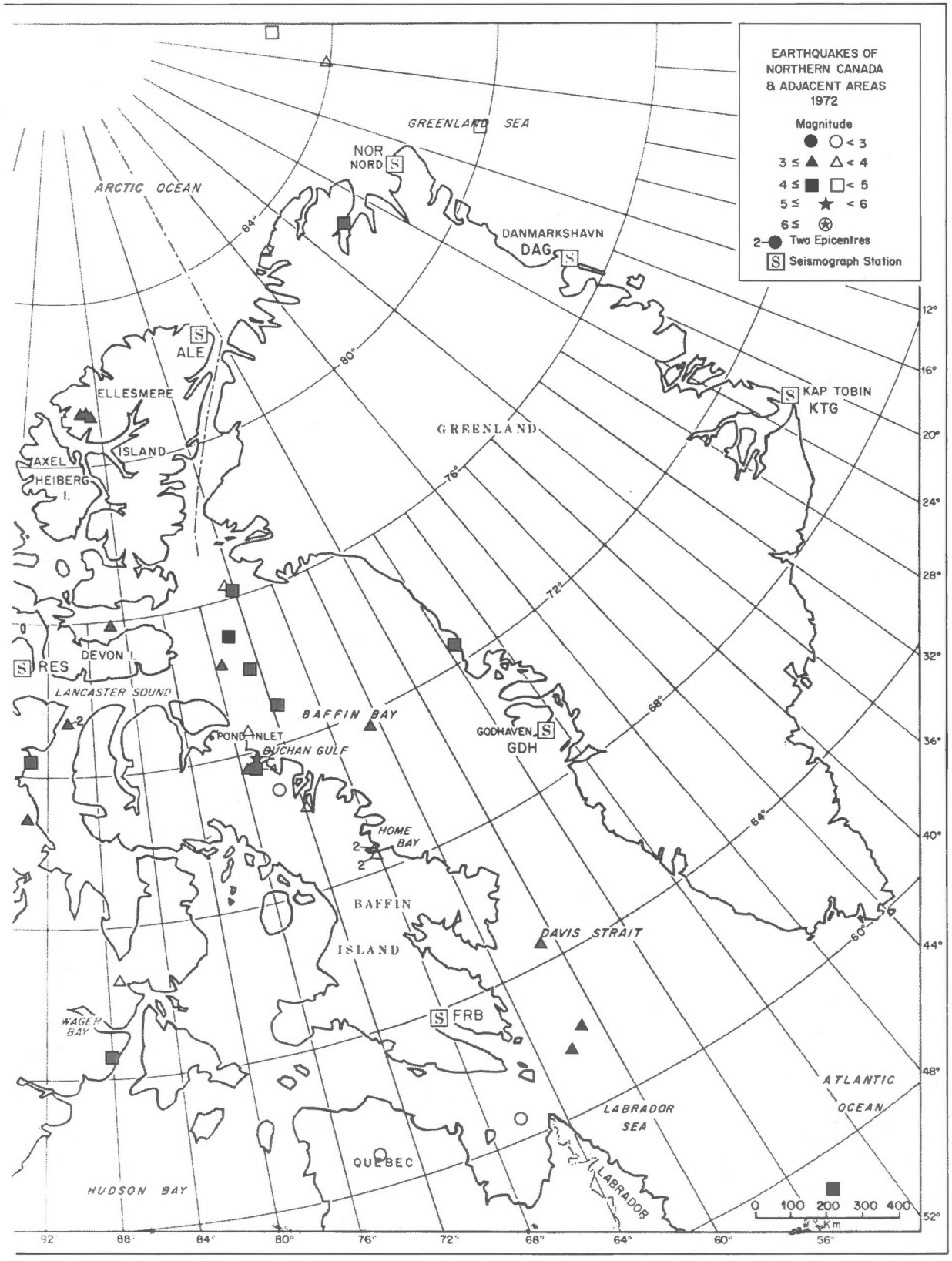


Figure 6. Earthquakes of Northern Canada and adjacent areas - 1972


EARTHQUAKES OF
NORTHERN CANADA
& ADJACENT AREAS
1972
Magnitude
< 3
3 ≤ < 4
4 ≤ < 5
5 ≤ < 6
6 ≤
2 Two Epicentres
Seismograph Station
GREENLAND SEA
ARCTIC OCEAN
NOR
NORD
DANMARKSHAVN
DAG
ALE
ELLESMERE
ISLAND
AXEL
HEIBERG
I.
KAP TOBIN
KTG
GREENLAND
RES
DEVON I.
LANCASTER SOUND
BAFFIN BAY
POND INLET
BUCHAN GULF
GODHAVEN
GDH
HOME
BAY
BAFFIN
ISLAND
DAVIS STRAIT
FRB
WAGER
BAY
ATLANTIC
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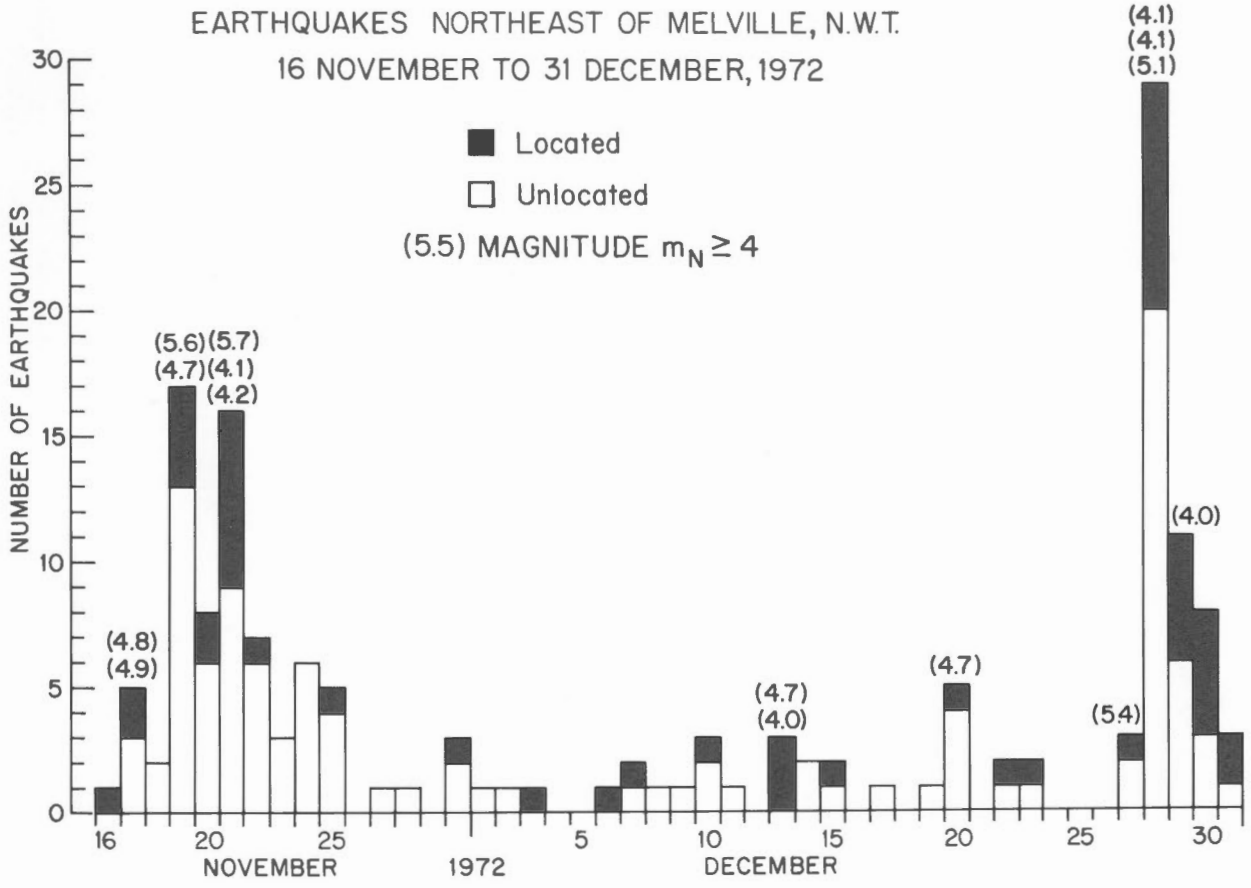

Figure 7. Histogram of the number of earthquakes northeast of Melville Island per day from 16 November to 31 December also showing temporal distribution of earthquakes with magnitude 4 or greater.

3. *Western Region*

The Western Region lies west of 113°W and includes Canada and Alaska east of 145°W and south of 60°N, Montana, Idaho and Washington States north of 48°N, and the Puget Sound area of Washington State north of 47°N between 121°W and 125°W. The regional boundary extends westward into the Pacific Ocean between 48°N and 60°N to include earthquakes that are located along tectonic features west of the mainland. In the area that includes the Gulf Islands and the San Juan Islands at the southern end of the Strait of Georgia the true epicentres of some of the earthquakes that are in the Canadian section of Table 3 may be in the United States and vice versa. Many of the unlocated events recorded at VIC may also originate in the United States.

Table 3 lists 78 earthquakes, 42 in Canada (Table 3A) and 36 in the United States (Table 3B). Epicentres for these events are plotted in Fig. 8, which also shows the Canadian seismograph stations in the area. The Central Region event of 21 November listed in Table 4 is also plotted in Fig. 8. The event of 13 August $02^h30^m11^s$ in the Gulf of Alaska (Table 3B) was not plotted as no magnitude was given by the ISC or NEIC and it was not recorded by any Canadian stations. In addition, 193 unlocated events are listed by station in chronological order in Tables 14 to 18.

The most seismic area in Western Canada in 1972 continued to be west of Vancouver Island. One series of earthquakes beginning 17 July and continuing to 21 August contained over 150 events with magnitudes

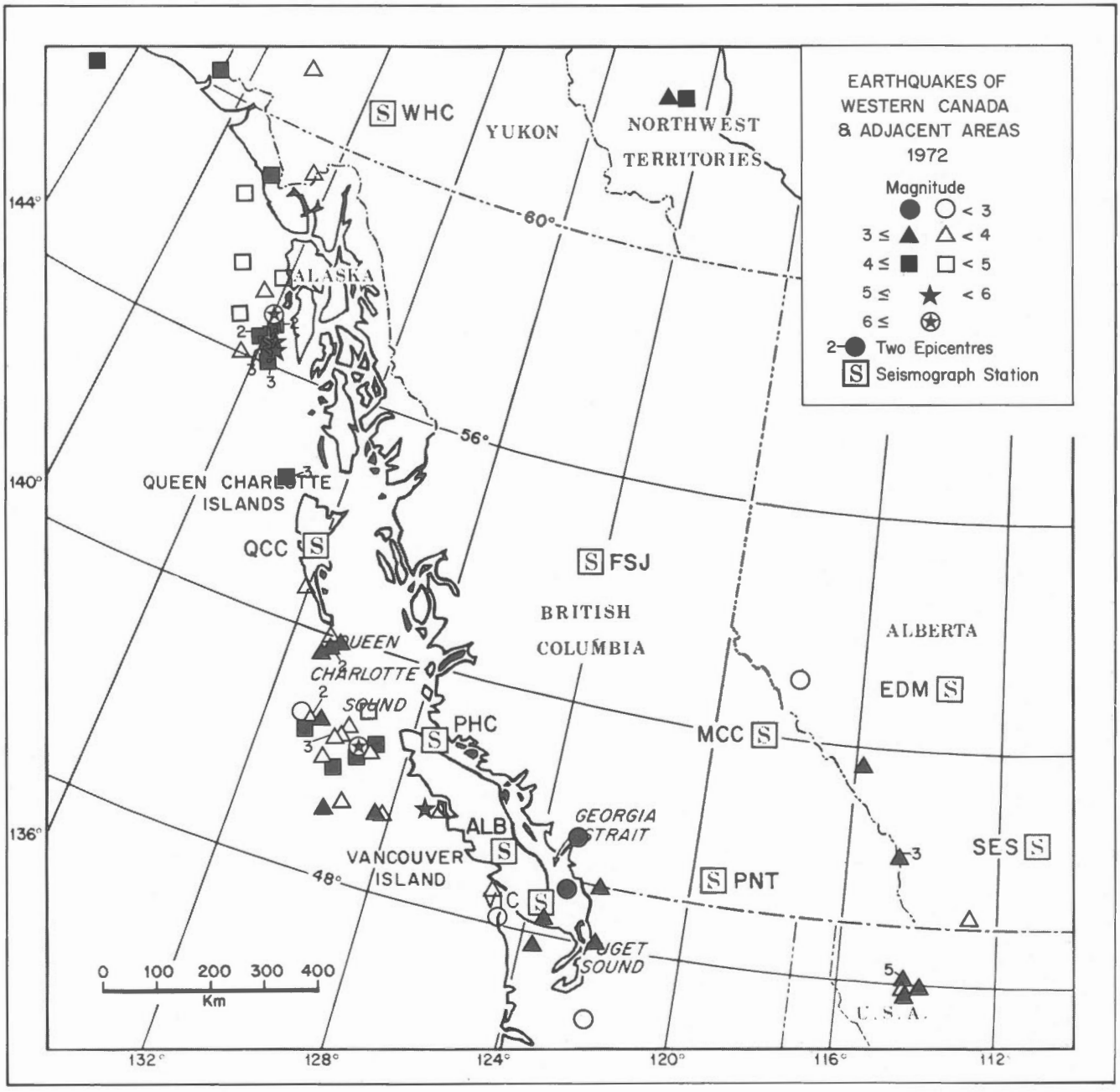

Figure 8. Earthquakes of Western Canada and adjacent areas - 1972

greater than M_L2.2. (See Tables 3A and 16 and Rogers (1976)). The largest event in this sequence on 23 July 19^h had magnitude m_b5.8, M_S6.4.

A magnitude m_b5.7, M_S5.7 earthquake off the west coast of Vancouver Island on 5 July 10^h16^m was felt throughout central Vancouver Island and on parts of the mainland with a radius of perceptibility of about 200 km. The isoseismal map in Fig. 9 (after Rogers, 1976) shows an intensity VI at one location but generally indicates maximum intensities of V in the epicentral region with no reported damage. Portable seismographs deployed following this earthquake revealed very low aftershock activity; seven aftershocks recorded at PHC are listed in Table 16. Rogers (1976) has published a special study of this earthquake, including a nodal-plane solution showing strike-slip faulting on a steeply-dipping plane striking either north-northwest or east-northeast.

The largest earthquake in the Western Region occurred off the coast of southeastern Alaska on 30 July 21^h with magnitude M_S7.6 (Table 3B). Maximum intensities of VII in the Sitka area produced only minor damage. The earthquake was felt over an area of about 130,000 km^2. In Canada the event was reported felt slightly at Quesnel in central British Columbia and at Whitehorse in the Yukon Territory at epicentral distances of about 900 km and 500 km, respectively. Numerous aftershocks in the magnitude range from 3 to 5½ are listed in Tables 3B, 9 and 15. In addition, many overlapping aftershocks are visible at QCC, WHC and FSJ within the first hour after the main shock. For more information see Coffman and von Hake (1974).

Fig. 8 shows a number of minor earthquakes near the Queen Charlotte Islands, in extreme southwestern B.C. and along the B.C. - Alberta border. Most of the unlocated events at PHC at distances of about 200 km originate west of Vancouver Island (Table 16). Many of the unlocated events at WHC (Table 9) originate from the northern part of the Western Region.

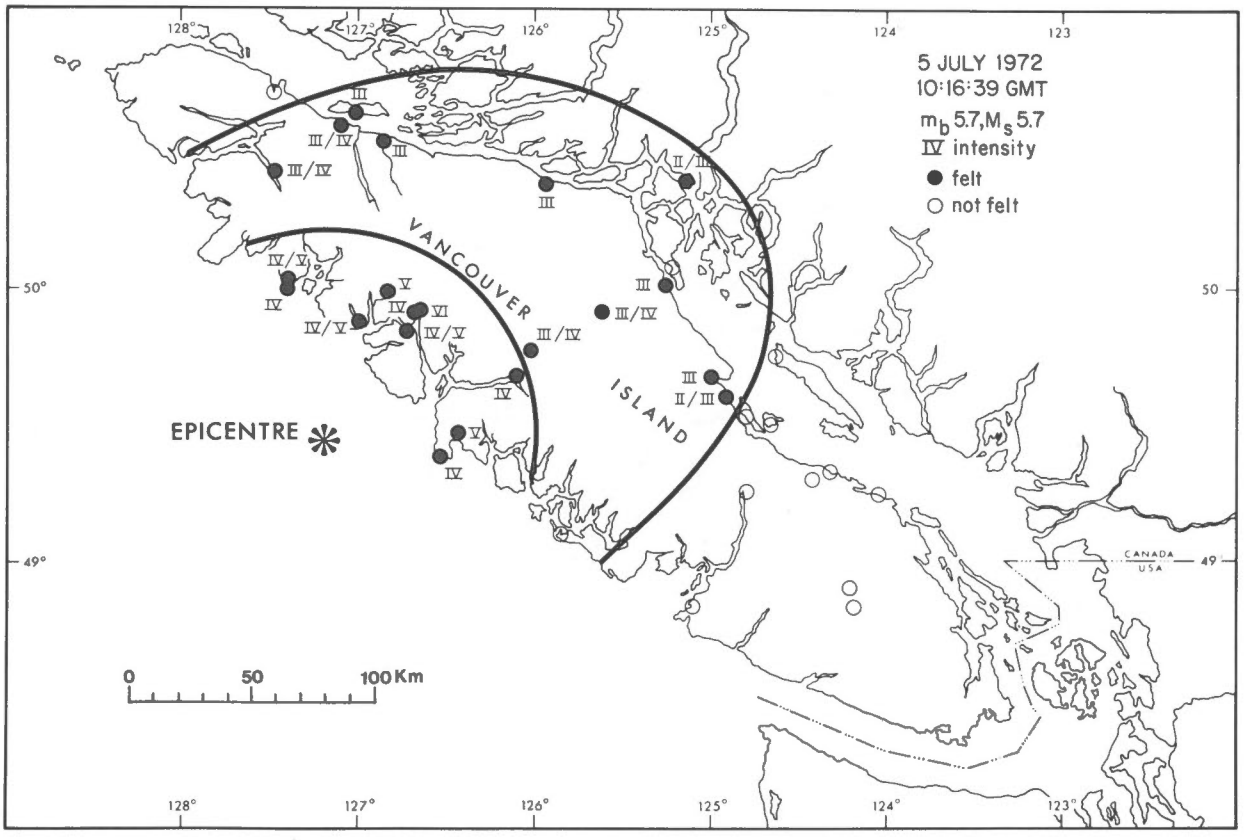

Figure 9. Isoseismal map of the 5 July 1972 earthquake west of Vancouver Island (adapted from Rogers, 1976)

4. *Central Region*

The Central Region lies north of 49°N and south of 60°N between 85°W and 113°W and includes Saskatchewan, Manitoba, and parts of Alberta and Ontario. Table 4 lists two earthquakes in Canada, one in southern Alberta (plotted in Fig. 8) and one in southern Saskatchewan. No earthquakes were detected in the United States immediately south of the Central Region in 1972.

The earthquake on 26 July 03^h, magnitude m_N 3.7, located near Bengough, Saskatchewan, about 125 km south of Regina, produced maximum intensities of IV at Bengough with a radius of perceptibility not greater than 30 km. No damage was reported. The epicentre and intensities are shown in Fig. 10. The focal depth was estimated to be less than 10 km. Horner et al. (1973) have published a special study of this event.

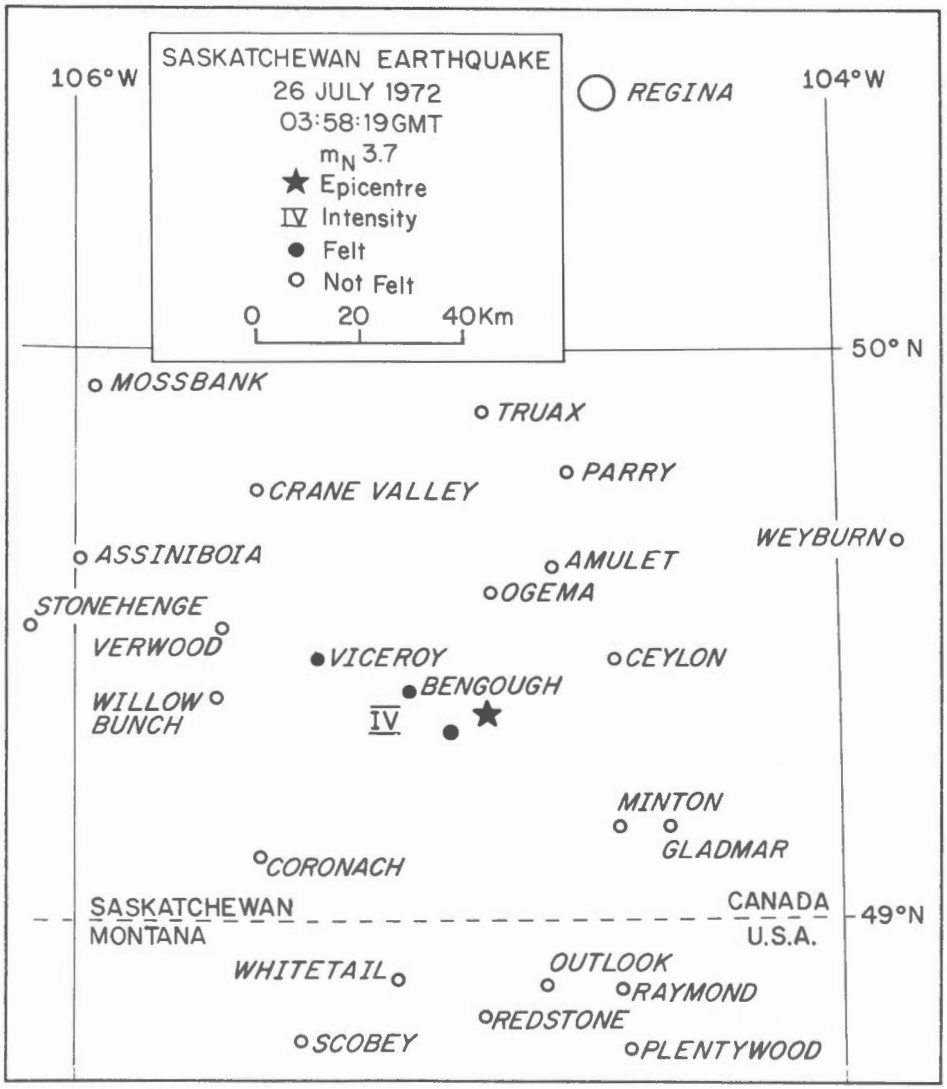

Figure 10. The Bengough, Saskatchewan, earthquake of 26 July 1972 (from Horner et al., 1973)

V. REVISIONS

An event listed by the ISC (Vol. 9, No. 3) in Davis Strait at 66.4°N, 58.6°W on 05 March 07^h11^m was not recorded at FBC about 500 km southwest of the ISC epicentre. This event has not been included in this catalogue as it is probably mislocated and may have originated east of Greenland.

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D.R.J. Schieman, G.A. McMechan and D.H. Weichert assisted in scanning and interpreting records for this catalogue.

G.C. Rogers collected and analyzed reports on earthquakes felt in British Columbia.

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TABLE 1

EARTHQUAKES OF EASTERN CANADA AND ADJACENT AREAS

1972

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

A. CANADIAN EPICENTRES

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	DATA MAG	
JAN 5	08 09 38.(0)	46.14 N(0.02)	76.90 W(0.01)	0.3	ML=2.6(0.6)	3	5	2	O
	SOUTHWESTERN QUEBEC NORTH OF FORT COULONGE								
JAN 25	02 40 01.(1)	55.14 N(0.07)	54.42 W(0.15)	1.6	ML=4.5(0.3)	5	9	3	F
	LABRADOR SEA								
FEB 13	11 08 10.(1)	47.64 N(0.03)	70.29 W(0.04)	1.5	MN=2.9( )	9	13	1	F
	LOWER ST. LAWRENCE VALLEY NEAR LA MALBAIE QUEBEC								
APR 8	20 45 46.(3)	47.22 N(0.16)	72.53 W(0.13)	1.4	ML=1.8(0.1)	4	5	3	O
	NORTHWEST OF QUEBEC CITY NEAR LA TUQUE								
APR 25	03 24 25.(1)	46.67 N(0.04)	75.99 W(0.05)	2.2	MN=3.3(0.1)	9	19	2	F
	SOUTHWESTERN QUEBEC NORTH OF MANIWAKI								
JUN 2	04 24 55.(1)	45.83 N(0.06)	75.85 W(0.05)	1.4	ML=2.9(0.3)	4	6	3	F
	SOUTHWESTERN QUEBEC ABOUT 50 KM NORTH OF OTTAWA								
JUL 13	16 50 18.(0)	46.87 N(0.00)	71.15 W(0.00)	0.0	ML=1.9(0.4)	3	6	2	F
	DEPTH RESTRICTED TO 5 KM								
	NEAR QUEBEC CITY, POSSIBLE BLAST								
JUL 17	01 58 46.(1)	47.90 N(0.05)	77.86 W(0.04)	0.7	ML=3.0( )	4	5	1	O
	SOUTHWESTERN QUEBEC NEAR VAL D'OR								
JUL 30	10 42 15.(1)	46.32 N(0.03)	76.08 W(0.05)	1.5	MN=2.7(0.2)	7	9	2	F
	SOUTHWESTERN QUEBEC NEAR MANIWAKI								
AUG 2	01 03 00.(1)	47.40 N(0.03)	70.58 W(0.04)	1.6	MN=2.9( )	9	13	1	F
	LOWER ST. LAWRENCE VALLEY NEAR BAIE-ST-PAUL QUEBEC								
	FELT AT ST-FEREOL								
AUG 5	03 10 37.(0)	45.93 N(0.03)	75.10 W(0.03)	0.9	ML=2.6(0.3)	6	9	5	F
	SOUTHWESTERN QUEBEC ABOUT 80 KM NE OF OTTAWA								
	FELT AT LAC SIMON								
AUG 17	23 55 10.(2)	52.64 N(0.04)	80.11 W(0.14)	1.8	MN=2.5(0.4)	5	8	3	F
	JAMES BAY								
AUG 18	19 35 48.(1)	46.44 N(0.05)	75.00 W(0.04)	1.2	ML=2.6(0.4)	5	8	5	F
	SOUTHWESTERN QUEBEC ABOUT 130 KM NE OF OTTAWA								
AUG 22	19 17 48.(1)	49.54 N(0.02)	66.47 W(0.05)	1.9	MN=3.9(0.2)	13	30	6	F
	ST. LAWRENCE RIVER ABOUT 70 KM SOUTH OF SEPT-ILES QUEBEC								
AUG 31	06 06 29.(1)	45.39 N(0.10)	76.78 W(0.04)	1.1	ML=2.8(0.3)	6	7	6	O
	NEAR RENFREW ONTARIO ABOUT 80 KM WEST OF OTTAWA								
SEP 12	09 15 38.(1)	46.18 N(0.15)	77.56 W(0.08)	1.9	MN=3.2( )	4	6	1	O
	SOUTHWESTERN QUEBEC NEAR DEEP RIVER								
	FELT AT CHALK RIVER, DEEP RIVER AND ROLPHTON								
	IN ONTARIO WITH MAXIMUM INTENSITY IV.								
SEP 25	11 30 22.(5)	47.44 N(0.21)	70.71 W(0.15)	1.0	ML=2.9(0.4)	3	4	2	O
	LOWER ST. LAWRENCE VALLEY NEAR BAIE-ST-PAUL QUEBEC								
OCT 10	20 18 41.(2)	47.18 N(0.09)	69.97 W(0.16)	1.1	ML=1.9(0.4)	4	7	4	O
	LOWER ST. LAWRENCE VALLEY NEAR LA POCATIERE QUEBEC								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
OCT 19	02 22 17.(2)	45.78 N(0.12)	64.69 W(0.12)	1.4	MN=3.0(0.1)	6	8	4	0
	SOUTHEASTERN NEW BRUNSWICK								
	FELT AT DORCHESTER, HILLSBOROUGH AND VICINTY WITH								
	MAXIMUM INTENSITY IV-V. SEE FIGURE 5.								
OCT 19	02 22 39.(0)	45.52 N(0.02)	74.28 W(0.03)	1.1	ML=2.6(0.4)	10	19	6	F
	LOWER OTTAWA VALLEY WEST OF MONTREAL								
	FELT BY SOME AT MONTREAL AND RIGAUD QUEBEC WITH								
	MAXIMUM INTENSITY III								
OCT 19	04 10 47.(0)	45.08 N(0.02)	74.24 W(0.04)	1.2	ML=1.8(0.1)	7	10	3	F
	SOUTHERN QUEBEC NEAR HUNTINGDON								
OCT 25	22 18 49.(1)	47.26 N(0.05)	70.07 W(0.06)	1.8	ML=2.3(0.6)	7	11	7	F
	DEPTH RESTRICTED TO 5 KM								
	LOWER ST. LAWRENCE VALLEY NEAR LA POCATIERE QUEBEC								
OCT 27	04 24 32.(0)	47.36 N(0.05)	70.45 W(0.03)	0.2	ML=1.6(0.4)	3	6	3	0
	DEPTH RESTRICTED TO 5 KM								
	LOWER ST. LAWRENCE VALLEY NEAR BAIE-ST-PAUL QUEBEC								
OCT 27	19 13 31.(1)	47.54 N(0.07)	69.97 W(0.06)	0.6	ML=1.9(0.3)	4	7	4	0
	LOWER ST. LAWRENCE VALLEY NEAR LA POCATIERE QUEBEC								
NOV 2	05 15 07.(1)	45.83 N(0.07)	74.83 W(0.06)	1.1	ML=2.2(0.3)	4	6	4	0
	SOUTHWESTERN QUEBEC ABOUT 80 KM NE OF OTTAWA								
NOV 6	12 53 53.(0)	45.84 N(0.02)	64.65 W(0.02)	0.2	ML=2.2(0.0)	3	5	2	0
	SOUTHEASTERN NEW BRUNSWICK								
	FELT IN DORCHESTER AREA. MAXIMUM INTENSITY III.								
	SEE EVENT ON 19 OCT 02H AND FIGURE 5.								
NOV 8	11 06 16.(1)	45.89 N(0.08)	74.21 W(0.07)	1.8	ML=2.4(0.2)	5	8	5	F
	SOUTHWESTERN QUEBEC ABOUT 60 KM NW OF MONTREAL								
	FELT AT PIEDMONT								
NOV 10	18 33 45.(0)	47.58 N(0.03)	70.22 W(0.02)	0.2	ML=1.9(0.2)	4	7	3	0
	LOWER ST. LAWRENCE VALLEY NEAR LA MALBAIE QUEBEC								
DEC 16	19 01 36.(1)	45.79 N(0.05)	75.21 W(0.05)	2.5	MN=3.9(0.2)	9	18	3	F
ISC	19 01 39.(1)	45.8 N(0.10)	74.9 W(0.13)	3.1		13	13	0	
NEIC	19 01 36.	45.8 N	75.3 W	0.4		7	7	0	
ISC	DEPTH = 32 KM								
NEIC	DEPTH = 32 KM								
	SOUTHWESTERN QUEBEC ABOUT 60 KM NE OF OTTAWA								
	FELT WITH MAXIMUM INTENSITY IV. NO OTHER INTENSITY								
	INFORMATION AVAILABLE								
DEC 17	03 28 55.(1)	45.76 N(0.07)	75.15 W(0.06)	1.2	ML=2.2(0.4)	5	9	4	0
	SOUTHWESTERN QUEBEC. AFTERSHOCK OF 16 DEC								

B. UNITED STATES EPICENTRES

NOV 5	22 29 35.(3)	43.93 N(0.14)	74.38 W(0.08)	1.0	ML=2.3(0.2)	3	5	3	0
	NORTHERN NEW YORK STATE NEAR BLUE MOUNTAIN LAKE								
DEC 8									
NEIC	03 00 33.	40.14 N	76.22 W			9	9	0	0
NEIC	DEPTH = 4 KM								
	FELT OVER AN AREA OF ABOUT 1200 SQ KM IN SOUTHEASTERN								
	PENNSYLVANIA WITH MAXIMUM INTENSITY V (SEE REFERENCE -								
	UNITED STATES EARTHQUAKES 1972, PP 15-16). MAGNITUDE								
	NOT CALCULATED BUT EVENT IS PLOTTED AS LESS THAN								
	MAGNITUDE 3 IN FIGURE 4.								

TABLE 2

EARTHQUAKES OF NORTHERN CANADA AND ADJACENT AREAS

1972

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

A. CANADIAN EPICENTRES

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JAN 2	11 12 46.(2)	66.36 N(0.07)	135.26 W(0.35)	1.0	ML=2.8( )	2	5	1	O
	NORTHERN YUKON TERRITORY								
JAN 10	22 51 51.(1)	66.38 N(0.02)	135.82 W(0.13)	0.5	ML=3.4( )	3	5	1	O
	NORTHERN YUKON TERRITORY								
JAN 21	14 43 39.(1)	71.84 N(0.03)	74.96 W(0.14)	1.6	MN=5.1(0.1)	10	15	8	F
ISC	14 43 41.(1)	71.91 N(0.09)	74.8 W(0.26)	3.7	MB=4.2	42	42	5	
NEIC	14 43 43.	71.9 N	74.7 W	0.9	MB=4.5	20	20	9	
	BUCHAN GULF, NORTHERN BAFFIN ISLAND. THIS IS THE LARGEST IN A SERIES OF 6 EVENTS CONTINUING TO 24 JAN. SEE ALSO TABLE 6.								
JAN 21	15 09 58.(2)	71.82 N(0.07)	75.03 W(0.27)	2.2	MN=3.1(0.4)	3	9	3	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 21	17 09 34.(1)	71.65 N(0.07)	75.25 W(0.24)	2.0	MN=3.2(0.4)	3	9	3	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 22	07 39 59.(1)	71.69 N(0.06)	75.12 W(0.24)	1.9	MN=3.3(0.3)	5	9	4	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 22	12 21 25.(1)	72.44 N(0.03)	93.68 W(0.30)	1.6	MN=4.2(0.1)	5	10	2	F
	NEAR SOUTHEAST COAST OF SOMERSET ISLAND NWT								
JAN 24	18 26 37.(1)	64.60 N(0.04)	88.13 W(0.07)	2.3	MN=4.0(0.2)	8	19	7	F
	SOUTH OF WAGER BAY NWT								
JAN 24	20 42 24.(1)	71.64 N(0.07)	75.70 W(0.25)	1.7	MN=3.1(0.3)	3	7	3	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 25	07 41 59.(1)	81.28 N(0.09)	87.35 W(0.47)	1.3	ML=3.6( )	3	7	1	F
	NORTHWESTERN ELLESMERE ISLAND								
FEB 2	00 02 24.(2)	68.46 N(0.06)	68.27 W(0.29)	1.8	MN=3.0(0.3)	3	7	3	O
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
FEB 2	07 56 04.(3)	70.89 N(0.11)	73.61 W(0.36)	1.4	MN=2.8(0.4)	3	4	2	O
	SOUTH OF BUCHAN GULF, NORTHERN BAFFIN ISLAND								
FEB 3	06 21 52.(1)	73.00 N(0.04)	71.68 W(0.18)	1.3	MN=4.3(0.4)	5	9	2	F
	BAFFIN BAY								
FEB 3	21 35 45.(1)	77.71 N(0.05)	106.10 W(0.21)	1.5	MN=3.2( )	4	9	1	F
	NORTH OF LOUGHEED ISLAND NWT								
FEB 5	04 47 16.(1)	60.96 N(0.05)	138.09 W(0.11)	0.7	ML=3.3( )	3	5	1	O
	SOUTHWESTERN YUKON TERRITORY								
FEB 8	18 07 33.(1)	81.29 N(0.10)	86.40 W(0.50)	1.4	ML=3.5( )	3	7	1	F
	NORTHWESTERN ELLESMERE ISLAND NWT								
FEB 8	18 36 55.(1)	81.16 N(0.08)	85.85 W(0.40)	1.2	ML=3.0( )	3	7	1	F
	NORTHWESTERN ELLESMERE ISLAND NWT								
FEB 10	04 58 39.(1)	70.92 N(0.04)	97.57 W(0.29)	1.6	ML=2.8( )	3	7	1	F
	SOUTH OF PRINCE OF WALES ISLAND NWT								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
FEB 11	08 15 12.(1)	65.20 N(0.03)	133.30 W(0.14)	1.2	ML=4.0( )	5	10	1	F
	NORTHERN YUKON TERRITORY								
FEB 12	17 52 35.(0)	62.62 N(0.03)	124.84 W(0.05)	1.8	MN=4.9(0.2)	18	30	6	F
ISC	17 52 36.(0)	62.69 N(0.04)	125.39 W(0.10)	2.5	MB=4.6	73	73	7	
NEIC	17 52 37.	62.7 N	125.2 W	0.7	MB=5.0	23	23	12	
	SOUTHWEST OF WRIGLEY NWT								
FEB 17	07 04 41.(0)	66.22 N(0.01)	135.07 W(0.06)	0.5	ML=2.8( )	3	8	1	0
	NORTHERN YUKON TERRITORY								
FEB 18	00 13 50.(1)	65.19 N(0.02)	134.49 W(0.10)	1.0	ML=3.3( )	4	8	1	0
	NORTHERN YUKON TERRITORY								
FEB 18	06 33 06.(1)	64.89 N(0.04)	133.21 W(0.11)	1.5	ML=4.0( )	5	10	1	F
	NORTHERN YUKON TERRITORY								
FEB 21	13 35 02.(1)	62.61 N(0.06)	125.46 W(0.07)	1.5	ML=3.5(0.2)	4	8	2	F
	SOUTHWEST OF WRIGLEY NWT								
FEB 28	04 47 18.(2)	68.39 N(0.09)	68.33 W(0.35)	1.7	MN=3.1(0.1)	3	5	2	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
MAR 17	00 48 48.(1)	80.21 N(0.07)	109.88 W(0.15)	0.3	ML=3.4(0.3)	2	4	2	0
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
MAR 25	14 08 18.(1)	64.57 N(0.05)	60.95 W(0.14)	2.1	ML=3.6( )	9	22	1	F
	DAVIS STRAIT								
MAR 27	14 38 56.(0)	66.61 N(0.01)	87.36 W(0.02)	0.2	ML=3.1( )	4	4	1	0
	NEAR REPULSE BAY NWT								
APR 3	16 33 47.(1)	75.87 N(0.04)	85.75 W(0.17)	1.4	MN=3.4( )	5	12	1	F
	NORTH OF DEVON ISLAND NWT								
APR 10	23 07 01.(1)	60.60 N(0.02)	66.23 W(0.11)	0.7	MN=2.9(0.1)	5	5	4	0
	UNGAVA BAY NWT								
APR 15	21 01 27.(2)	64.69 N(0.06)	129.85 W(0.40)	1.4	ML=2.9(0.1)	3	5	2	0
	WEST OF FORT NORMAN NWT								
APR 23	11 32 43.(1)	72.83 N(0.05)	97.09 W(0.22)	2.5	MN=3.3(0.1)	4	11	2	F
	EAST COAST OF PRINCE OF WALES ISLAND NWT								
APR 30	17 44 48.(1)	65.85 N(0.05)	135.04 W(0.30)	2.0	ML=3.0(0.2)	4	9	2	0
	NORTHERN YUKON TERRITORY								
MAY 3	05 03 25.(1)	65.21 N(0.03)	133.72 W(0.10)	1.1	ML=3.2(0.1)	3	8	2	F
	NORTHERN YUKON TERRITORY								
MAY 10	20 01 41.(1)	71.60 N(0.03)	74.96 W(0.15)	2.1	MN=4.0(0.3)	8	19	5	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
MAY 14	14 19 48.(1)	75.07 N(0.04)	74.15 W(0.21)	1.0	ML=4.1(0.3)	4	8	4	F
	NORTHERN BAFFIN BAY								
MAY 17	04 17 22.(0)	74.25 N(0.01)	95.91 W(0.10)	0.3	MN=2.5( )	3	4	1	0
	BARROW STRAIT NWT. FORESHOCK								
MAY 18	05 00 42.(1)	74.23 N(0.05)	95.56 W(0.25)	1.6	MN=2.5( )	3	6	1	F
	BARROW STRAIT NWT. FORESHOCK								
MAY 18	05 08 47.(0)	74.19 N(0.02)	95.77 W(0.10)	1.4	MN=4.5(0.2)	10	19	7	F
ISC	05 08 47.(1)	74.36 N(0.10)	95.7 W(0.38)	3.3		22	22	0	
NEIC	05 08 48.	74.5 N	96.1 W	1.0	MB=4.0	10	10	4	
	BARROW STRAIT NWT. MAINSHOCK								
	EIGHT UNLOCATED AFTERSHOCKS ARE LISTED IN TABLE 6.								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF STN	DATA PHA	MAG	
MAY 18	12 54 50.(0)	74.11 N(0.02)	95.40 W(0.08)	0.5	MN=2.7( )	3	6	1	F
	BARROW STRAIT NWT. AFTERSHOCK								
MAY 18	15 07 51.(1)	74.20 N(0.03)	95.84 W(0.12)	0.8	MN=2.5( )	3	6	1	F
	BARROW STRAIT NWT. AFTERSHOCK								
MAY 20	21 17 33.(1)	65.17 N(0.04)	134.13 W(0.34)	1.1	ML=2.9( )	3	5	1	0
	NORTHERN YUKON TERRITORY								
MAY 21	10 35 28.(1)	71.60 N(0.04)	75.48 W(0.16)	1.4	MN=3.7(0.2)	5	9	4	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
MAY 27	23 47 27.(1)	66.22 N(0.02)	135.16 W(0.10)	0.9	ML=3.0( )	3	8	1	F
	NORTHERN YUKON TERRITORY								
MAY 28	23 08 03.(1)	76.16 N(0.04)	72.30 W(0.21)	1.4	ML=4.2(0.1)	4	9	3	F
	NORTHERN BAFFIN BAY								
MAY 30	19 47 26.(1)	71.66 N(0.04)	64.91 W(0.24)	1.1	ML=3.8(0.3)	4	7	3	F
	BAFFIN BAY								
MAY 30	22 54 30.(2)	68.61 N(0.05)	68.29 W(0.19)	1.3	MN=3.0(0.1)	4	6	3	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
MAY 31	01 24 41.(1)	73.42 N(0.08)	90.50 W(0.40)	2.4	MN=3.0(0.1)	4	8	2	F
	NEAR EAST COAST OF SOMERSET ISLAND NWT								
JUN 4	17 35 11.(2)	76.35 N(0.13)	73.11 W(0.57)	1.0	ML=3.5(0.2)	3	6	2	0
	NORTHERN BAFFIN BAY								
JUN 5	03 08 12.(1)	79.87 N(0.04)	117.01 W(0.29)	1.0	ML=3.4(0.2)	4	8	4	F
	ARCTIC OCEAN, NORTHWEST OF BORDEN ISLAND								
JUN 8	05 58 49.(1)	73.39 N(0.05)	90.61 W(0.23)	2.4	MN=3.3(0.2)	5	11	2	F
	NEAR EAST COAST OF SOMERSET ISLAND NWT								
JUN 10	03 31 23.(1)	61.58 N(0.08)	140.25 W(0.13)	1.6		13	13	0	F
ISC	03 31 25.(0)	61.50 N(0.03)	140.30 W(0.06)	1.7	MB=5.2	167	167	19	
NEIC	03 31 24.	61.5 N	140.2 W	0.9	MB=5.3	36	36	14	
NEIC					ML=5.5				
	SOUTHWESTERN YUKON TERRITORY. SEE ALSO TABLE 9.								
JUN 10	09 46 19.(1)	61.37 N(0.07)	140.12 W(0.08)	1.3	ML=3.8( )	7	10	1	F
ISC	09 46 20.(1)	61.73 N(0.06)	140.0 W(0.13)	1.8		9	9	0	
NEIC	09 46 20.	61.6 N	140.3 W	1.0	MB=3.3	5	5	1	
NEIC					ML=3.4				
	SOUTHWESTERN YUKON TERRITORY. AFTERSHOCK								
JUN 11	01 11 57.(1)	61.51 N(0.08)	139.91 W(0.08)	1.7	ML=3.8( )	9	12	1	F
ISC	01 11 58.(1)	61.71 N(0.09)	139.8 W(0.16)	2.5		15	15	0	
NEIC	01 11 58.	61.8 N	139.7 W	1.6	MB=3.7	10	10	2	
	SOUTHWESTERN YUKON TERRITORY. AFTERSHOCK								
JUN 11	03 15 13.(1)	65.26 N(0.03)	133.30 W(0.10)	1.2	MN=3.6(0.5)	3	8	2	F
ISC	03 15 10.(1)	65.4 N(0.10)	133.1 W(0.20)	3.0		13	13	0	
ISC	DEPTH = 0 KM								
	NORTHERN YUKON TERRITORY								
JUN 25	14 34 07.(2)	62.14 N(0.06)	61.06 W(0.23)	2.0	MN=3.3(0.1)	5	10	3	F
	SOUTHERN DAVIS STRAIT								
JUL 1	17 06 53.(1)	65.44 N(0.03)	133.55 W(0.40)	1.2	ML=3.8(0.0)	4	9	2	F
	NORTHERN YUKON TERRITORY								
	(ALSO LOCATED BY YUKON FIELD SURVEY)								
JUL 3	20 05 52.(5)	68.61 N(0.19)	68.53 W(0.42)	2.0	MN=3.7( )	3	5	1	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUL 4	10 12 21.(1)	73.73 N(0.03)	96.65 W(0.16)	2.5	MN=4.0(0.2)	10	17	6	F
	PEEL SOUNC NWT								
JUL 7	10 09 00.(1)	79.86 N(0.07)	107.36 W(0.39)	1.8	ML=4.4(0.2)	8	13	3	F
ISC	10 08 59.(1)	79.92 N(0.10)	107.9 W(0.59)	2.6	MB=4.0	18	18	4	
NEIC	10 09 00.	79.8 N	108.2 W	1.4	MB=4.3	9	9	3	
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
	THIS IS THE FIRST AND LARGEST OF A SERIES OF 5 EVENTS								
	OCCURRING AT THIS LOCATION THIS MONTH								
JUL 7	11 04 21.(0)	79.87 N(0.02)	107.99 W(0.13)	0.3	ML=3.2(0.2)	3	5	2	0
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
JUL 21	21 03 24.(0)	79.96 N(0.02)	108.29 W(0.12)	0.4	ML=3.4(0.2)	3	6	3	F
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
JUL 21	21 11 35.(1)	79.97 N(0.04)	108.45 W(0.23)	0.7	ML=4.0(0.3)	3	6	3	F
ISC	21 11 31.(1)	80.04 N(0.08)	107.5 W(0.50)	1.4		7	7	0	
ISC	DEPTH = 0 KM								
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
JUL 21	21 15 49.(1)	79.99 N(0.05)	108.23 W(0.30)	0.9	ML=3.5(0.3)	3	6	3	F
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
JUL 26	18 46 22.(0)	66.52 N(0.02)	135.97 W(0.05)	0.5	MN=4.6(0.2)	7	10	7	F
ISC	18 46 20.(0)	66.47 N(0.03)	135.84 W(0.06)	1.4	MB=4.7	69	69	11	
NEIC	18 46 21.	66.5 N	136.0 W	0.7	MB=4.8	29	29	13	
ISC	DEPTH = 40(2) KM								
EPB	DEPTH = 26(3) KM								
	NORTHERN YUKON TERRITORY								
	FELT BY FIELD PARTY IN EPICENTRAL REGION								
	FOR MORE INFORMATION SEE LEBLANC AND WETMILLER 1974.								
	TWO UNLOCATED AFTERSHOCKS ARE LISTED IN TABLE 8.								
AUG 10	15 59 44.(1)	60.92 N(0.03)	73.96 W(0.08)	1.2	MN=2.9(0.3)	4	6	3	0
	NORTHERN QUEBEC NEAR LAKE NANTAIS								
AUG 13	23 38 18.(2)	61.68 N(0.05)	62.20 W(0.20)	2.1	MN=3.2(0.2)	5	12	4	F
	SOUTHERN DAVIS STRAIT								
AUG 18	01 21 24.(3)	70.24 N(0.10)	71.98 W(0.39)	2.3	MN=3.2(0.3)	5	6	5	0
	CENTRAL BAFFIN ISLAND WEST OF CLYDE								
SEP 12	18 25 12.(1)	65.48 N(0.04)	133.68 W(0.57)	1.2	ML=2.9(0.3)	3	7	2	0
	NORTHERN YUKON TERRITORY								
SEP 15	02 13 18.(1)	65.54 N(0.05)	132.44 W(0.48)	1.4	ML=2.7(0.2)	3	6	2	F
	NORTHERN YUKON TERRITORY								
SEP 16	05 14 05.(1)	74.10 N(0.04)	73.09 W(0.18)	1.3	ML=4.2(0.3)	5	10	5	F
	BAFFIN BAY								
SEP 21	11 19 16.(0)	72.56 N(0.00)	74.80 W(0.00)	0.0	MN=3.3(0.1)	3	3	2	0
	NORTHEAST COAST OF BAFFIN ISLAND								
SEP 30	22 51 30.(1)	79.88 N(0.06)	107.72 W(0.41)	2.1	ML=5.0(0.3)	9	14	6	F
ISC	22 51 30.(0)	79.94 N(0.04)	109.0 W(0.28)	1.6	MB=4.4	38	38	5	
NEIC	22 51 30.	80.1 N	110.1 W	1.0	MB=4.4	15	15	5	
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
OCT 8	18 38 29.(0)	80.01 N(0.03)	108.48 W(0.17)	0.7	ML=3.7(0.4)	4	8	4	F
	ARCTIC OCEAN NORTHWEST OF ELLEF RINGNES ISLAND								
OCT 12	07 21 30.(1)	70.90 N(0.03)	93.82 W(0.15)	1.4	MN=3.4(0.3)	4	9	2	F
	BOOTHIA PENINSULA NWT								
OCT 18	19 02 47.(1)	65.54 N(0.04)	135.59 W(0.78)	0.7	ML=3.3(0.4)	3	6	2	0
	NORTHERN YUKON TERRITORY								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
OCT 19	21 08 27.(1)	66.58 N(0.05)	133.90 W(0.82)	1.2	ML=3.6(0.3)	3	6	2	0
	NORTHERN YUKON - NORTHWEST TERRITORIES BORDER								
OCT 27	01 59 20.(0)	67.05 N(0.02)	94.55 W(0.06)	1.9	MN=4.4(0.2)	16	34	11	F
	NEAR CHANTRY INLET NWT								
OCT 27	06 52 41.(1)	67.56 N(0.03)	97.74 W(0.14)	1.7	MN=3.2(0.4)	7	12	3	F
	WEST OF CHANTRY INLET NWT								
OCT 28	07 34 52.(0)	64.97 N(0.02)	133.79 W(0.12)	0.9	ML=3.0(0.1)	3	7	2	F
	NORTHERN YUKON TERRITORY								
NOV 2	09 20 20.(0)	66.25 N(0.01)	133.36 W(0.18)	0.1	ML=3.4( )	3	4	1	0
	NORTHERN YUKON - NORTHWEST TERRITORIES BORDER								
NOV 6	02 25 11.(0)	65.34 N(0.01)	134.52 W(0.07)	0.2	ML=3.3(0.0)	4	6	2	0
	NORTHERN YUKON TERRITORY								
NOV 11	01 24 07.(1)	74.39 N(0.03)	75.61 W(0.14)	1.1	ML=3.6(0.2)	5	9	4	F
	BAFFIN BAY								
NOV 16	11 36 53.(1)	76.25 N(0.23)	107.14 W(0.32)	1.1	ML=2.9(0.3)	3	5	2	0
	NORTHEAST OF MELVILLE ISLAND NWT								
	FIRST EVENT OF SWARM ACTIVITY CONTINUING THROUGH DECEMBER. NUMEROUS UNLOCATED EVENTS OF SWARM RECORDED AT MBC AND/OR RES ARE LISTED SEPARATELY IN TABLE 19. SEE ALSO FIGURE 7.								
NOV 17	10 36 15.(1)	76.69 N(0.04)	106.44 W(0.20)	1.3	MN=4.8(0.2)	6	10	11	F
ISC	10 36 15.(1)	76.71 N(0.08)	106.4 W(0.27)	2.4	MB=4.1	24	24	3	
NEIC	10 36 14.	77.0 N	106.2 W	0.9	MB=3.7	16	16	4	
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
NOV 17	10 53 16.(0)	76.71 N(0.03)	106.32 W(0.15)	0.9	MN=4.9(0.2)	6	10	11	F
ISC	10 53 17.(1)	76.74 N(0.09)	106.6 W(0.27)	2.4		21	21	0	
NEIC	10 53 17.	76.8 N	106.6 W	1.6	MB=3.9	17	17	4	
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
NOV 19	01 28 15.(1)	76.54 N(0.06)	106.71 W(0.16)	1.2	MN=3.0( )	3	9	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 19	17 33 44.(1)	76.55 N(0.04)	106.33 W(0.22)	1.4	MN=5.6(0.1)	6	10	4	F
ISC	17 33 48.(0)	76.56 N(0.03)	106.9 W(0.16)	1.9	MB=4.8	115	115	21	
NEIC	17 33 48.	76.6 N	106.9 W	1.4	MB=4.9	63	63	21	
NEIC					MS=5.3			3	
EPB					MS=5.1			10	
ISC	DEPTH = 34(1) KM								
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
NOV 19	18 45 48.(1)	76.47 N(0.03)	106.38 W(0.15)	1.7	MN=4.7(0.1)	12	20	10	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 19	21 37 54.(1)	76.48 N(0.09)	106.85 W(0.22)	1.6	MN=3.0( )	3	8	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 20	06 07 13.(1)	76.57 N(0.04)	106.02 W(0.19)	2.0	MN=3.9(0.1)	10	20	7	F
ISC	06 07 11.(2)	76.3 N(0.24)	106.5 W(0.48)	3.2		11	11	0	
ISC	DEPTH = 0 KM								
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 20	14 28 35.(1)	76.17 N(0.21)	107.31 W(0.27)	1.2	MN=2.7( )	3	6	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 21	01 29 17.(1)	76.60 N(0.10)	106.44 W(0.26)	2.2	MN=3.4( )	4	9	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
NOV 21	10 06 27.(1)	76.58 N(0.07)	106.02 W(0.34)	2.2	MN=5.7(0.1)	6	10	5	F
ISC	10 06 29.(0)	76.53 N(0.04)	107.0 W(0.19)	2.3	MB=4.7	99	99	10	
NEIC	10 06 30.	76.5 N	106.7 W	1.3	MB=4.8	39	39	11	
NEIC					MS=5.2			1	
EPB					MS=5.1			10	
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
NOV 21	11 00 49.(1)	76.47 N(0.07)	107.04 W(0.42)	1.9	MN=3.6(0.1)	6	8	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 21	13 58 18.(1)	76.57 N(0.04)	106.29 W(0.19)	2.2	MN=4.1(0.2)	10	18	8	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 21	16 28 49.(1)	76.58 N(0.09)	107.01 W(0.24)	1.2	MN=3.5( )	3	6	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 21	17 42 49.(1)	76.54 N(0.04)	106.46 W(0.16)	1.7	MN=4.2(0.2)	10	18	7	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 21	22 41 23.(2)	76.39 N(0.31)	106.81 W(0.40)	1.8	MN=3.1( )	3	8	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 22	01 28 34.(2)	76.43 N(0.37)	106.98 W(0.47)	1.8	MN=3.3( )	3	6	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 24	10 45 12.(1)	65.23 N(0.04)	134.35 W(0.59)	0.8	ML=2.8(0.2)	3	6	2	0
	NORTHERN YUKON TERRITORY								
NOV 25	19 43 37.(1)	76.55 N(0.05)	106.44 W(0.20)	2.3	MN=3.9(0.2)	8	17	5	F
	NORTHEAST OF MELVILLE ISLAND NWT								
NOV 29	07 04 18.(1)	74.63 N(0.08)	96.22 W(0.33)	1.8	MN=3.0(0.3)	4	6	2	0
	BARROW STRAIT NWT								
NOV 30	15 36 09.(1)	76.69 N(0.06)	106.82 W(0.15)	0.9	MN=3.5(0.2)	4	6	3	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 3	00 02 23.(1)	76.67 N(0.13)	106.62 W(0.21)	1.4	MN=3.3( )	3	7	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 6	14 14 22.(1)	76.71 N(0.08)	106.94 W(0.18)	1.4	MN=3.4( )	3	8	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 7	21 48 22.(1)	76.64 N(0.06)	106.46 W(0.22)	2.5	MN=3.9(0.3)	7	16	3	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 9	11 56 51.(1)	65.18 N(0.03)	133.27 W(0.14)	1.8	MN=3.3(0.2)	6	13	2	F
	NORTHERN YUKON TERRITORY								
DEC 10	23 55 24.(1)	76.63 N(0.04)	106.70 W(0.13)	1.9	MN=3.5(0.2)	7	16	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 12	17 53 46.(1)	76.35 N(0.04)	96.70 W(0.15)	1.7	MN=3.6(0.3)	7	14	3	F
	GRINNELL PENINSULA, NORTHWESTERN DEVON ISLAND NWT								
DEC 13	18 38 39.(1)	76.58 N(0.06)	106.63 W(0.29)	1.8	MN=4.7(0.2)	6	10	8	F
ISC	18 38 39.(1)	76.7 N(0.16)	106.6 W(0.54)	4.9	MB=4.3	27	27	3	
NEIC	18 38 38.	76.9 N	106.3 W	1.8	MB=4.2	17	17	4	
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
DEC 13	18 51 40.(1)	76.54 N(0.04)	106.76 W(0.14)	1.7	MN=3.7(0.2)	6	15	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 13	19 55 19.(1)	76.54 N(0.04)	106.71 W(0.16)	2.2	MN=4.0(0.2)	8	18	4	F
	NORTHEAST OF MELVILLE ISLAND NWT								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
DEC 14	14 43 26.(1)	75.20 N(0.05)	107.80 W(0.15)	1.2	ML=2.6(0.2)	3	7	2	0
	EASTERN MELVILLE ISLAND								
DEC 15	09 08 35.(1)	71.64 N(0.04)	134.96 W(0.24)	1.2	ML=4.5(0.3)	5	10	5	F
	BEAUFORT SEA								
DEC 15	16 20 24.(2)	76.57 N(0.12)	106.77 W(0.30)	1.8	MN=3.7( )	3	6	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 20	17 30 21.(1)	76.56 N(0.04)	106.75 W(0.18)	1.2	MN=4.7(0.1)	6	10	7	F
ISC	17 30 22.(1)	76.7 N(0.14)	106.6 W(0.43)	4.2		29	29	0	
NEIC	17 30 21.	76.9 N	106.5 W	1.3	MB=3.9	15	15	3	
NEIC					MS=4.1			1	
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
DEC 22	19 32 03.(1)	76.52 N(0.03)	106.51 W(0.13)	1.7	MN=3.9(0.2)	9	19	5	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 23	18 29 37.(1)	76.93 N(0.09)	106.48 W(0.23)	2.1	ML=2.7(0.5)	4	8	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 27	22 59 26.(1)	76.80 N(0.05)	106.49 W(0.24)	1.5	MN=5.4(0.3)	6	10	9	F
ISC	22 59 27.(0)	76.75 N(0.03)	107.0 W(0.16)	2.2	MB=4.9	174	174	19	
NEIC	22 59 30.	76.8 N	107.0 W	1.2	MB=5.0	65	65	17	
NEIC					MS=6.0			6	
EPB					MS=5.7			10	
ISC	DEPTH = 16(7) KM								
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
	FELT BY DRILLING CREW ON KING CHRISTIAN ISLAND								
	ABOUT 150 KM NORTHEAST OF EPICENTRE								
DEC 28	00 16 07.(1)	76.67 N(0.04)	106.66 W(0.13)	2.0	MN=3.6(0.3)	8	21	3	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	03 06 39.(1)	76.60 N(0.04)	106.39 W(0.13)	1.9	MN=3.2(0.3)	6	17	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	04 04 50.(0)	76.73 N(0.03)	106.58 W(0.14)	1.3	MN=3.5(0.2)	6	13	3	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	12 18 44.(1)	76.76 N(0.04)	106.47 W(0.14)	1.9	MN=4.1(0.2)	8	20	5	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	13 49 43.(1)	76.79 N(0.04)	106.64 W(0.20)	1.3	MN=3.9(0.2)	6	11	3	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	14 01 02.(1)	76.73 N(0.04)	106.61 W(0.17)	2.3	MN=4.1(0.2)	9	23	6	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	14 36 05.(1)	76.80 N(0.04)	106.16 W(0.21)	1.3	MN=5.1(0.2)	6	10	8	F
ISC	14 36 02.(0)	76.73 N(0.03)	106.4 W(0.16)	2.0	MB=4.8	96	96	10	
NEIC	14 36 07.	76.8 N	106.3 W	1.2	MB=4.8	43	43	11	
NEIC					MS=5.2			3	
EPB					MS=5.2			10	
ISC	DEPTH = 0 KM								
	NORTHEAST OF MELVILLE ISLAND NWT								
	EPB EPICENTRE FROM BASHAM ET AL. (1977)								
	FELT BY DRILLING CREW ON KING CHRISTIAN ISLAND								
	ABOUT 150 KM NORTHEAST OF EPICENTRE								
DEC 28	18 07 33.(2)	76.60 N(0.15)	107.09 W(0.33)	2.2	MN=3.4( )	3	7	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 28	18 33 58.(1)	76.82 N(0.04)	106.45 W(0.13)	1.6	MN=3.6(0.1)	7	15	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
DEC 29	09 43 47.(1)	76.70 N(0.05)	106.64 W(0.16)	1.8	MN=3.3(0.2)	6	14	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 29	14 46 06.(1)	76.82 N(0.03)	106.73 W(0.11)	1.0	MN=3.4(0.1)	5	9	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 29	20 01 44.(1)	76.77 N(0.04)	106.35 W(0.15)	1.9	MN=4.0(0.2)	9	19	5	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 29	20 25 26.(1)	76.89 N(0.04)	106.51 W(0.11)	1.4	MN=3.5( )	6	13	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 29	23 06 06.(1)	76.73 N(0.10)	106.25 W(0.23)	1.5	ML=2.7(0.5)	3	7	2	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 30	00 54 09.(1)	76.69 N(0.03)	106.40 W(0.13)	1.6	MN=3.4(0.3)	6	16	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 30	03 25 12.(1)	76.75 N(0.06)	106.60 W(0.14)	0.9	ML=2.5(0.4)	3	7	2	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 30	04 44 19.(1)	76.85 N(0.08)	106.07 W(0.16)	1.5	MN=3.4( )	4	12	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 30	10 10 17.(0)	76.60 N(0.04)	106.66 W(0.08)	0.5	ML=2.6(0.5)	3	7	2	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 30	10 22 48.(0)	76.63 N(0.04)	106.84 W(0.08)	0.5	MN=3.1( )	3	7	1	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 31	02 17 25.(1)	76.63 N(0.05)	106.75 W(0.12)	0.7	ML=2.6(0.5)	3	6	2	0
	NORTHEAST OF MELVILLE ISLAND NWT								
DEC 31	10 27 44.(1)	65.44 N(0.04)	133.89 W(0.16)	1.6	ML=3.1(0.1)	3	7	2	F
	NORTHERN YUKON TERRITORY								
DEC 31	13 25 31.(2)	76.67 N(0.11)	106.47 W(0.28)	3.0	MN=3.4( )	5	12	1	F
	NORTHEAST OF MELVILLE ISLAND NWT								

B. UNITED STATES EPICENTRES

JAN 1	11 27 38.(2)	66.41 N(0.09)	144.26 W(0.26)	2.1		6	11	0	F
ISC	11 27 37.(0)	66.59 N(0.03)	144.87 W(0.08)	1.3	MB=3.7	27	27	3	
NEIC	11 27 37.	66.5 N	144.8 W	1.0	MB=3.7	17	17	3	
	EASTERN ALASKA								
JAN 18	18 36 23.(2)	66.05 N(0.06)	142.30 W(0.24)	1.0	ML=3.6( )	3	6	1	0
	EASTERN ALASKA								
APR 16	23 51 19.(3)	68.40 N(0.11)	145.85 W(0.32)	1.3	ML=3.3( )	3	6	1	F
	NORTHEASTERN ALASKA								
APR 17									
ISC	02 29 50.(2)	60.81 N(0.03)	144.61 W(0.09)	1.4	MB=3.8	27	27	3	F
NEIC	02 29 52.	60.9 N	144.9 W	1.1	MB=3.8	21	21	3	
ISC	DEPTH = 20(17) KM								
NEIC	DEPTH = 41 KM								
	SOUTHERN ALASKA								
AUG 23									
ISC	05 57 02.(1)	61.68 N(0.08)	141.3 W(0.14)	2.1		14	14	0	F
NEIC	05 57 03.	61.4 N	141.4 W	0.5	MB=3.5	8	8	2	
ISC	DEPTH = 54 KM								
NEIC	DEPTH = 54 KM								
	SOUTHERN ALASKA								
SEP 29									
ISC	09 00 36.(1)	60.21 N(0.03)	141.03 W(0.05)	0.9	MB=4.7	49	49	6	F
NEIC	09 00 36.	60.2 N	141.0 W	1.1	MB=4.6	26	26	4	
NEIC	DEPTH = 15 KM				ML=4.7				
ISC	DEPTH = 14(10) KM								
	SOUTHEASTERN ALASKA								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
OCT 12									
ISC	12 41 25.(0)	62.66 N(0.04)	143.09 W(0.07)	1.1		14	14	0	F
NEIC	12 41 29.	62.7 N	143.2 W	1.2	MB=3.5	13	13	2	
NEIC					ML=3.2				
ISC	DEPTH = 0 KM								
	EASTERN ALASKA								
NOV 23	16 39 57.(2)	69.37 N(0.08)	145.07 W(0.39)	1.1	ML=4.0(0.2)	3	6	2	0
	NORTHEASTERN ALASKA								

C. GREENLAND EPICENTRES

FEB 6	21 50 53.(3)	84.14 N(0.32)	0.29 W(1.09)	0.6	ML=3.5( )	3	4	1	0
	ARCTIC OCEAN, NORTHEAST OF GREENLAND								
FEB 14	13 14 39.(3)	85.45 N(0.10)	6.23 E(2.24)	1.2	ML=4.1( )	3	5	1	0
	ARCTIC OCEAN, NORTHEAST OF GREENLAND								
MAR 31	13 53 02.(1)	82.28 N(0.06)	29.85 W(0.42)	1.4	ML=4.6(0.6)	6	10	2	F
ISC	13 53 01.(1)	82.1 N(0.12)	29.8 W(0.47)	2.4		14	14	0	
ISC	DEPTH = 36(18) KM								
	NORTH COAST OF GREENLAND								
APR 15	14 29 49.(1)	72.48 N(0.03)	55.37 W(0.26)	0.9	ML=4.0(0.2)	3	7	3	F
	WEST COAST OF GREENLAND NORTH OF CAPE CRANSTOWN								
MAY 14	14 39 39.(4)	80.19 N(0.53)	6.60 W(3.63)	1.8	ML=4.2(0.2)	4	5	2	0
	GREENLAND SEA								
JUL 30	18 13 18.(4)	83.28 N(0.38)	43.94 W(1.61)	2.2	ML=3.9( )	4	5	1	0
	NORTH COAST OF GREENLAND								

TABLE 3

EARTHQUAKES OF WESTERN CANADA AND ADJACENT AREAS

1972

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

A. CANADIAN EPICENTRES

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JAN 14	22 23 43.(1)	50.32 N(0.13)	130.79 W(0.13)	1.1	ML=4.4( )	6	7	1	F
ISC	22 23 48.(3)	50.78 N(0.03)	129.69 W(0.08)	1.2		39	39	0	
NEIC	22 23 51.	50.8 N	129.6 W	1.2	MB=4.5	22	22	4	
ISC	DEPTH = 5(17) KM								
	WEST OF VANCOUVER ISLAND. 1 FORESHOCK AND 2 AFTERSHOCKS ARE LISTED IN TABLE 16.								
JAN 28									
ISC	23 11 26.(1)	50.9 N(0.10)	129.3 W(0.17)	2.5		15	15	0	O
NEIC	23 11 23.	50.7 N	129.6 W	1.7	MB=4.2	11	11	5	
	WEST OF VANCOUVER ISLAND								
MAR 6	10 30 03.(2)	51.85 N(0.10)	130.59 W(0.15)	2.2	ML=3.1(0.2)	3	7	2	F
	SOUTH OF QUEEN CHARLOTTE ISLANDS								
MAR 14	17 20 42.(1)	51.74 N(0.06)	130.87 W(0.09)	1.2	ML=3.6(0.4)	3	7	3	F
	SOUTH OF QUEEN CHARLOTTE ISLANDS								
MAR 16	01 50 15.(0)	49.71 N(0.02)	123.14 W(0.01)	0.3	ML=2.1(0.0)	3	6	2	F
	NORTH OF VANCOUVER NEAR SQUAMISH B.C.								
MAR 31	00 41 17.(2)	51.94 N(0.10)	130.95 W(0.15)	1.7	ML=3.1(0.5)	3	5	3	O
	SOUTHERN END OF QUEEN CHARLOTTE ISLANDS								
APR 2	19 16 24.(1)	51.63 N(0.06)	131.04 W(0.09)	1.2	ML=3.3(0.3)	3	7	3	F
	SOUTH OF QUEEN CHARLOTTE ISLANDS								
APR 6	13 58 02.(1)	50.14 N(0.05)	114.69 W(0.04)	1.4	ML=3.5(0.3)	5	11	3	F
	B.C.-ALBERTA BORDER SOUTHWEST OF CALGARY								
APR 7	02 58 16.(1)	50.11 N(0.05)	114.78 W(0.05)	1.4	ML=3.4(0.2)	5	9	3	F
	B.C.-ALBERTA BORDER SOUTHWEST OF CALGARY								
APR 15	05 11 08.(4)	50.31 N(0.18)	129.98 W(0.35)	2.3	ML=3.0( )	5	7	1	O
ISC	05 11 02.(3)	50.20 N(0.08)	130.3 W(0.49)	1.9		9	9	0	
ISC	DEPTH = 0 KM								
	WEST OF VANCOUVER ISLAND								
APR 23	02 22 33.(1)	50.07 N(0.17)	114.68 W(0.09)	1.4	ML=3.2(0.2)	3	6	2	O
	B.C.-ALBERTA BORDER SOUTHWEST OF CALGARY								
MAY 13	18 10 29.(2)	50.55 N(0.11)	131.03 W(0.14)	1.2	ML=2.9(0.2)	3	5	3	O
	WEST OF VANCOUVER ISLAND								
MAY 14	20 35 41.(1)	50.55 N(0.07)	130.47 W(0.11)	1.9	ML=3.9(0.3)	9	13	4	F
ISC	20 35 47.(5)	50.84 N(0.07)	129.6 W(0.13)	2.1		20	20	0	
NEIC	20 35 48.	50.9 N	129.4 W	1.2	MB=4.4	13	13	3	
ISC	DEPTH = 21(46) KM								
NEIC	DEPTH = 38 KM								
	WEST OF VANCOUVER ISLAND								
MAY 20	21 18 42.(1)	49.11 N(0.10)	129.70 W(0.15)	1.5	ML=3.2(0.1)	11	12	3	F
ISC	21 18 47.(1)	49.25 N(0.04)	128.9 W(0.21)	1.5		14	14	0	
NEIC	21 18 51.	49.4 N	128.4 W	0.7	MB=4.7	10	10	1	
ISC	DEPTH = 28 KM								
NEIC	DEPTH = 28 KM								
	WEST OF VANCOUVER ISLAND								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUN 5	04 03 03.(3)	50.56 N(0.15)	129.69 W(0.25)	1.1	ML=3.7(0.2)	4	5	4	0
ISC	04 03 05.(1)	50.69 N(0.06)	129.5 W(0.20)	1.9		18	18	0	
NEIC	04 03 04.	50.8 N	129.4 W	1.3	MB=4.1	11	11	2	
	WEST OF VANCOUVER ISLAND								
JUN 5	07 28 43.(3)	48.52 N(0.23)	124.98 W(0.16)	0.9	ML=3.4(0.3)	3	5	3	0
	OFF COAST OF SOUTHWESTERN VANCOUVER ISLAND								
JUN 13	18 40 40.(2)	50.23 N(0.17)	130.04 W(0.17)	1.2	ML=3.4( )	4	5	1	0
ISC	18 40 45.(2)	50.37 N(0.09)	129.7 W(0.20)	2.6		21	21	0	
NEIC	18 40 44.	50.4 N	129.7 W	1.3	MB=4.3	13	13	3	
ISC	DEPTH = 44(27) KM								
	WEST OF VANCOUVER ISLAND								
JUN 17	23 50 23.(1)	54.27 N(0.05)	133.61 W(0.12)	1.8	ML=4.3( )	7	13	1	F
	NORTHWEST OF QUEEN CHARLOTTE ISLANDS								
JUN 18	20 43 12.(1)	54.32 N(0.03)	133.62 W(0.09)	1.0	ML=3.8( )	4	8	1	F
	NORTHWEST OF QUEEN CHARLOTTE ISLANDS								
JUN 21	14 58 33.(1)	54.30 N(0.03)	133.57 W(0.08)	1.0	ML=3.4(0.1)	4	9	2	F
	NORTHWEST OF QUEEN CHARLOTTE ISLANDS								
JUN 28	05 44 22.(1)	53.01 N(0.04)	117.83 W(0.05)	0.3	MN=2.9(0.1)	3	4	2	0
	NORTHEAST OF JASPER ALBERTA								
JUL 5	10 16 39.(1)	49.59 N(0.11)	127.18 W(0.13)		MB=5.7(0.3)	13	13	51	F
ISC	10 16 39.(0)	49.45 N(0.03)	127.19 W(0.06)	2.3	MB=5.6	243	243	36	
NEIC	10 16 38.	49.5 N	127.2 W	1.0	MB=5.8	67	67	22	
EPB	DEPTH = 25 KM				MS=5.7			9	
NEIC	DEPTH = 27 KM				MS=5.7			3	
ISC	DEPTH = 26(1) KM								
	OFF WEST COAST OF VANCOUVER ISLAND FELT MAINLY ON CENTRAL VANCOUVER ISLAND. MAXIMUM INTENSITY V. NO REPORTED DAMAGE. 7 AFTERSHOCKS WERE RECORDED WITH THE LARGEST ON 11 JUL 08H (SEE TABLE 16). FOR MORE INFORMATION SEE ROGERS (1976) AND FIGURE 9.								
JUL 10	00 36 20.(1)	50.45 N(0.06)	130.73 W(0.07)	0.5	ML=3.5( )	3	5	1	0
	WEST OF VANCOUVER ISLAND								
JUL 18	22 17 49.(4)	49.29 N(0.13)	128.38 W(0.41)	2.7	ML=3.7( )	5	8	1	F
ISC	22 17 45.(1)	49.01 N(0.04)	128.5 W(0.12)	1.9		33	33	0	
NEIC	22 17 43.	49.0 N	128.7 W	1.1	MB=4.8	24	24	5	
	WEST OF VANCOUVER ISLAND								
JUL 23	10 52 33.(2)	50.12 N(0.16)	129.25 W(0.25)	1.6		11	11	0	F
ISC	10 52 33.(0)	50.11 N(0.03)	129.09 W(0.07)	1.7	MB=4.8	89	89	10	
NEIC	10 52 34.	50.2 N	129.1 W	1.1	MB=4.9	23	23	11	
NEIC					MS=4.5			2	
	WEST OF VANCOUVER ISLAND								
JUL 23	14 38 52.(5)	50.25 N(0.31)	128.94 W(0.47)	1.5	ML=3.1( )	3	4	1	0
	WEST OF VANCOUVER ISLAND								
JUL 23	19 13 09.(2)	50.26 N(0.10)	129.30 W(0.15)	2.2		11	13	0	F
ISC	19 13 09.(0)	50.10 N(0.02)	129.30 W(0.03)	1.4	MB=5.8	293	293	38	
NEIC	19 13 09.	50.1 N	129.3 W	1.1	MB=5.9	104	104	34	
NEIC					MS=6.4			5	
ISC	DEPTH = 31(2) KM								
	WEST OF VANCOUVER ISLAND. THIS IS THE LARGEST EVENT IN A SERIES RUNNING FROM JULY 17 TO AUGUST 21. OVER 150 EVENTS IN SEQUENCE ARE GREATER THAN ML 2.2 (SEE ROGERS 1976). SEE ALSO TABLE 16.								
JUL 23	20 17 37.(1)	50.39 N(0.11)	128.88 W(0.12)	1.8		10	11	0	F
ISC	20 17 32.(1)	50.21 N(0.03)	129.16 W(0.06)	1.6	MB=4.8	90	90	10	
NEIC	20 17 33.	50.1 N	129.3 W	1.4	MB=4.8	27	27	11	
ISC	DEPTH = 20(9) KM								
	WEST OF VANCOUVER ISLAND								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUL 23	21 43 00.(1)	49.82 N(0.06)	129.77 W(0.10)	1.5		11	13	0	F
ISC	21 43 05.(0)	50.06 N(0.05)	129.3 W(0.10)	2.6	MB=4.8	86	86	9	
NEIC	21 43 07.	49.9 N	128.7 W	1.1	ME=5.0	16	16	9	
	WEST OF VANCOUVER ISLAND								
AUG 2	17 31 58.(1)	51.66 N(0.07)	115.82 W(0.08)	2.3	MN=3.1(0.0)	6	11	2	F
	NORTHEAST OF LAKE LOUISE ALBERTA								
OCT 30	16 48 44.(2)	49.60 N(0.11)	126.77 W(0.17)	2.1	ML=3.1(0.3)	4	6	4	0
	OFF WEST COAST OF VANCOUVER ISLAND								
OCT 30	21 00 22.(4)	49.28 N(0.16)	128.18 W(0.38)	1.6	ML=3.3(0.2)	4	6	2	0
	WEST OF VANCOUVER ISLAND								
NOV 1	15 58 48.(2)	50.22 N(0.20)	129.94 W(0.16)	1.1	ML=3.4( )	4	5	1	0
	WEST OF VANCOUVER ISLAND								
NOV 1	16 11 35.(8)	49.93 N(0.69)	130.12 W(0.29)	1.5	ML=3.9( )	3	4	1	0
	WEST OF VANCOUVER ISLAND								
NOV 9	04 19 17.(2)	48.24 N(0.13)	123.55 W(0.08)	1.7	ML=3.9( )	5	8	1	F
	JUAN DE FUCA STRAIT SOUTH OF VICTORIA								
	FELT AT VICTORIA, B.C., AND PORT TOWNSEND, WASHINGTON								
NOV 19	23 51 37.(0)	52.59 N(0.00)	132.06 W(0.00)	0.0	ML=3.1(0.4)	3	3	2	0
	QUEEN CHARLOTTE ISLANDS								
NOV 23	08 14 11.(4)	50.38 N(0.16)	129.84 W(0.44)	2.1	ML=3.4(0.1)	4	6	2	0
	WEST OF VANCOUVER ISLAND								
NOV 30	09 09 46.(2)	50.37 N(0.13)	130.62 W(0.13)	1.0	ML=3.3( )	3	5	1	0
	WEST OF VANCOUVER ISLAND								
DEC 9	01 55 32.(0)	48.82 N(0.02)	123.12 W(0.02)	0.5	ML=2.7(0.0)	4	7	2	F
	GULF ISLANDS ABOUT 40 KM NORTHEAST OF VICTORIA								
DEC 10	12 20 10.(1)	51.71 N(0.08)	130.92 W(0.12)	1.4	ML=3.0(0.4)	3	6	3	0
	SOUTH OF QUEEN CHARLOTTE ISLANDS								
DEC 28	11 53 58.(4)	49.30 N(0.12)	129.30 W(0.43)	1.3	ML=3.0( )	4	5	1	0
	WEST OF VANCOUVER ISLAND								
DEC 29	03 27 29.(2)	59.30 N(0.07)	136.55 W(0.24)	1.2	ML=3.4( )	4	6	1	0
	NORTHWESTERN BRITISH COLUMBIA, WEST OF HAINES ALASKA								

B. UNITED STATES EPICENTRES

FEB 4	13 13 45.(2)	48.08 N(0.08)	114.35 W(0.05)	1.1	ML=3.2(0.2)	3	7	2	0
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
FEB 12	22 00 07.(3)	48.10 N(0.11)	124.70 W(0.09)	0.8	ML=2.7(0.4)	3	5	2	0
	NORTHWESTERN WASHINGTON STATE, OLYMPIA PENINSULA								
MAR 9	05 53 55.(6)	46.71 N(0.25)	122.09 W(0.15)	1.7	ML=2.6(0.7)	3	4	2	0
	WASHINGTON STATE								
MAR 12									
ISC	05 56 17.(1)	58.98 N(0.07)	137.9 W(0.13)	2.2	MB=4.3	33	33	6	F
NEIC	05 56 19.	58.9 N	136.9 W	1.2	MB=4.2	10	10	8	
ISC	DEPTH = 44(14) KM								
NEIC	DEPTH = 29 KM								
	SOUTHEASTERN ALASKA, ST. ELIAS MOUNTAINS								
APR 4	12 20 44.(0)	48.97 N(0.04)	122.28 W(0.02)	0.8	ML=3.0(0.1)	5	8	3	F
	NORTHWESTERN WASHINGTON STATE NEAR B.C. BORDER								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
APR 9	21 19 27.(1)	47.92 N(0.04)	113.91 W(0.05)	2.0	MN=3.7(0.4)	10	21	2	F
ISC	21 19 26.(0)	48.09 N(0.03)	114.12 W(0.05)	0.9		8	8	0	
NEIC	21 19 25.	48.1 N	114.1 W	0.8	MB=4.5	6	6	2	
ISC	DEPTH = 5 KM								
NEIC	DEPTH = 5 KM								
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
	FELT AT BIGFORK AND WOODSBAY								
APR 16	15 04 19.(1)	48.13 N(0.09)	114.37 W(0.05)	1.3	MN=3.4( )	4	9	1	F
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
	FELT IN THE DAYTON AREA								
MAY 18	12 08 45.(3)	47.77 N(0.15)	114.29 W(0.10)	2.2	MN=3.4( )	3	9	1	F
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
	FELT NEAR POLSON WITH INTENSITY IV								
MAY 19	20 23 57.(1)	48.07 N(0.07)	114.31 W(0.05)	0.9	ML=3.0(0.4)	3	6	2	F
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
MAY 29									
ISC	12 08 12.(1)	57.4 N(0.11)	137.5 W(0.12)	1.4		11	11	0	0
EPB					ML=4.2			1	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
JUN 20	05 44 00.(1)	48.01 N(0.07)	114.44 W(0.04)	0.8	ML=3.1( )	3	6	1	0
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
JUN 25									
ISC	01 42 21.(0)	48.00 N(0.02)	122.15 W(0.02)	0.4		7	7	0	F
NEIC	01 42 21.	48.0 N	122.1 W	0.4	ML=3.3	9	9		
ISC	DEPTH = 30 KM								
NEIC	DEPTH = 30 KM								
	WASHINGTON STATE								
	FELT IN THE EVERETT AREA								
JUL 21	23 35 12.(3)	48.11 N(0.13)	114.34 W(0.10)	2.1	MN=3.1( )	5	7	1	F
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
JUL 30									
ISC	21 45 16.(0)	56.77 N(0.03)	135.91 W(0.05)	2.4	MB=6.2	346	346	38	F
NEIC	21 45 14.	56.8 N	135.7 W	1.0	MB=6.5	103	103	21	
NEIC	DEPTH = 25 KM				MS=7.6			1	
ISC	DEPTH = 29(2) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT OVER AN AREA OF ABOUT 130,000 SQ. KM. MAXIMUM								
	INTENSITY VII IN SITKA AREA - MINOR DAMAGE.								
	SEICHES OCCURRED IN SWIMMING POOLS AS FAR SOUTH								
	AS SEATTLE. (SEE REFERENCE - UNITED STATES EARTHQUAKES								
	1972, PAGES 43 AND 44). IN CANADA SHOCK WAS FELT								
	AT QUESNEL, B.C. AND WHITEHORSE, YUKON TERRITORY.								
	NUMEROUS OVERLAPPING AFTERSHOCKS ARE VISIBLE ON QCC,								
	WHC AND FSJ WITHIN THE FIRST HOUR AFTER THE MAINSHOCK.								
	SEE ALSO TABLES 9 AND 15.								
JUL 30									
ISC	22 51 54.(1)	56.3 N(0.10)	136.1 W(0.16)	1.5		12	12	0	0
EPB					ML=4.5			1	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
JUL 30									
ISC	23 00 33.(1)	56.55 N(0.07)	136.9 W(0.14)	1.1		11	11	0	0
EPB					ML=4.5			1	
ISC	DEPTH = 69(14) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUL 31	03 13 55.(1)	56.63 N(0.05)	135.78 W(0.17)	1.3	ML=4.3(0.1)	3	6	2	F
ISC	03 13 51.(1)	56.5 N(0.11)	136.3 W(0.16)	2.5		15	15	0	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
JUL 31	09 47 14.(1)	56.01 N(0.06)	135.53 W(0.17)	1.4	ML=4.2(0.4)	3	6	2	F
	OFF COAST OF SOUTHEASTERN ALASKA								
JUL 31	11 25 33.(1)	56.67 N(0.05)	135.76 W(0.15)	1.0	ML=3.9(0.4)	3	5	2	0
ISC	11 25 31.(1)	56.9 N(0.22)	136.0 W(0.29)	3.5		9	9	0	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
AUG 04									
ISC	09 48 11.(0)	56.23 N(0.03)	135.64 W(0.05)	1.3	MB=4.9	110	110	16	F
NEIC	09 48 11.	56.2 N	135.5 W	0.5	MB=5.1	25	25	14	
NEIC	DEPTH = 18 KM				MS=5.0			1	
ISC	DEPTH = 18 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT SITKA WITH INTENSITY II								
AUG 04									
ISC	11 38 08.(0)	56.19 N(0.02)	135.42 W(0.03)	1.2	MB=5.5	283	283	44	F
NEIC	11 38 08.	56.2 N	135.3 W	1.0	MB=5.6	75	75	27	
NEIC	DEPTH = 20 KM				MS=5.8			4	
ISC	DEPTH = 18(8) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT GUSTAVUS, PETERSBURG AND SITKA WITH INTENSITY V								
AUG 07									
ISC	08 31 45.(3)	55.99 N(0.08)	136.4 W(0.12)	1.4		8	8	0	0
EPB					ML=3.8			1	
ISC	DEPTH = 26(32) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT SITKA WITH INTENSITY III								
AUG 9	19 20 46.(2)	56.23 N(0.06)	135.61 W(0.20)	1.4	ML=3.9(0.1)	3	5	2	0
	OFF COAST OF SOUTHEASTERN ALASKA								
AUG 10	21 39 52.(2)	55.98 N(0.05)	135.67 W(0.20)	1.9	ML=4.0(0.1)	5	9	2	0
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT SITKA WITH INTENSITY I								
AUG 13									
ISC	02 30 11.(0)	57.88 N(0.06)	143.14 W(0.07)	0.6		13	13	0	0
NEIC	02 30 10.	57.8 N	143.3 W	1.2		17	17	0	
ISC	DEPTH = 78(13) KM								
	GULF OF ALASKA (NOT PLOTTED)								
AUG 13									
ISC	02 30 36.(0)	59.31 N(0.06)	144.9 W(0.12)	2.2	MB=4.6	51	51	5	F
NEIC	02 30 37.	59.5 N	144.5 W	1.1	MB=4.6	21	21	5	
	GULF OF ALASKA								
AUG 15									
ISC	10 56 13.(0)	56.31 N(0.02)	135.57 W(0.04)	1.1	MB=5.4	173	173	29	F
NEIC	10 56 13.	56.3 N	135.5 W	0.8	MB=5.6	73	73	26	
NEIC	DEPTH = 21 KM				MS=4.8			2	
ISC	DEPTH = 23(5) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT GUSTAVUS WITH INTENSITY V, AT SITKA WITH INTENSITY III, AND ALSO AT JUNEAU								
AUG 18									
ISC	22 04 45.(1)	57.4 N(0.13)	136.1 W(0.15)	1.8		7	7	0	0
EPB					ML=4.1			2	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
SEP 29	14 08 23.(2)	47.89 N(0.10)	114.38 W(0.07)	1.1	ML=3.4(0.1)	3	5	3	0
	NORTHWESTERN MONTANA, FLATHEAD LAKE REGION								
	FELT AT KERR DAM WITH INTENSITY IV								
OCT 9									
ISC	05 52 51.(2)	58.5 N(0.11)	138.4 W(0.29)	1.8		10	10	0	0
NEIC	05 52 51.	58.5 N	138.2 W	1.4	MB=4.0	8	8	3	
ISC	DEPTH = 37(25) KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
NOV 7	17 33 29.(3)	56.23 N(0.09)	135.71 W(0.28)	3.4	ML=4.4( )	5	8	1	0
ISC	17 33 33.(3)	56.7 N(0.18)	134.6 W(0.53)	2.8		6	6	0	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
NOV 15	09 11 38.(1)	56.34 N(0.09)	136.15 W(0.12)	2.1	ML=4.2( )	11	13	1	F
ISC	09 11 34.(0)	56.40 N(0.05)	136.32 W(0.08)	1.2		17	17	0	
ISC	DEPTH = 0 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								
NOV 17									
ISC	16 41 35.(0)	56.03 N(0.05)	135.60 W(0.08)	1.5	MB=4.8	52	52	9	F
NEIC	16 41 35.	56.0 N	135.5 W	1.3	MB=5.0	43	43	11	
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT SLIGHTLY AT SITKA AND PETERSBURG								
DEC 6	10 32 24.(1)	47.75 N(0.06)	123.71 W(0.07)	1.4	ML=3.6(0.1)	7	10	2	F
	WASHINGTON STATE ABOUT 90 KM SOUTH OF VICTORIA, B.C.								
DEC 7	22 19 44.(4)	57.09 N(0.11)	136.52 W(0.32)	2.4	ML=3.9(0.4)	4	5	2	0
	OFF COAST OF SOUTHEASTERN ALASKA								
	FELT AT SITKA WITH INTENSITY I								
DEC 08									
ISC	18 56 57.(1)	56.42 N(0.09)	135.8 W(0.14)	1.7		16	16	0	F
NEIC	18 56 56.	56.3 N	135.9 W	1.3	MB=4.2	12	12	4	
ISC	DEPTH = 36(17) KM								
NEIC	DEPTH = 20 KM								
	OFF COAST OF SOUTHEASTERN ALASKA								

TABLE 4

EARTHQUAKES OF CENTRAL CANADA AND ADJACENT AREAS

1972

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

A. CANADIAN EPICENTRES

DATE 1972	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN	PHA	MAG	
JUL 26	03 58 19.(1)	49.35 N(0.08)	104.93 W(0.07)		MN=3.7(0.2)	15	37	16	F
ISC	03 58 17.(2)	49.55 N(0.05)	104.89 W(0.10)	2.2		22	22	0	
NEIC	03 58 16.	49.5 N	104.8 W	1.1	MB=4.3	13	13	5	
ISC	DEPTH = 44(34) KM								
	FELT OVER AN AREA OF ABOUT 2800 SQ KM OF SOUTH-CENTRAL SASKATCHEWAN. MAXIMUM INTENSITY IV AT BENGOUGH ABOUT 125 KM SOUTH OF REGINA. NO DAMAGE. FOCAL DEPTH LESS THAN 10 KM. SEE HORNER ET AL. 1973 FOR MORE INFORMATION. SEE ALSO FIGURE 10.								
NOV 21	06 08 46.(1)	49.12 N(0.06)	112.74 W(0.05)	0.9	MN=3.3( )	5	7	1	O
	SOUTHERN ALBERTA SOUTH OF LETHBRIDGE (PLOTTED IN FIGURE 8)								

TABLE 5

UNLOCATED EVENTS RECORDED AT ALE

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	07 50 09.	968	ML=4.1	ARCTIC OCEAN
JAN 3	08 07 17.	129	ML=1.5	
JAN 19	22 47 23.	840	ML=3.6	ARCTIC OCEAN
FEB 6	21 20 54.	790	ML=3.8	ARCTIC OCEAN
FEB 11	19 39 51.	151	ML=2.5	
MAR 2	17 41 20.	317	ML=3.0	
MAR 10	17 40 03.	165	ML=1.8	
MAR 11	01 18 23.	316	ML=2.7	
APR 22	09 27 54.	123	ML=1.5	
APR 25	23 41 07.	561	ML=3.6	ARCTIC OCEAN
MAY 17	11 29 33.	162	ML=2.7	NORTH COAST OF GREENLAND
MAY 26	00 47 48.	110	ML=1.2	NORTH COAST OF GREENLAND
JUN 5	15 23 49.	41	ML=1.5	SOUTHEAST OF ALE
JUN 9	19 01 45.	47	ML=1.1	
JUN 11	08 37 36.	271	ML=3.4	POOR AT RES
JUN 29	04 53 40.	47	ML=1.4	
JUL 15	22 43 57.	834	ML=3.3	ARCTIC OCEAN
JUL 15	23 40 26.	823	ML=3.4	ARCTIC OCEAN
JUL 20	13 54 46.	1167	ML=4.1	ARCTIC OCEAN
JUL 25	12 39 08.	96	ML=1.2	
JUL 28	06 55 55.	713	ML=3.5	ARCTIC OCEAN
AUG 3	21 42 51.	779	ML=3.1	ARCTIC OCEAN
AUG 16	19 30 58.	393	ML=2.8	ARCTIC OCEAN
AUG 18	05 02 57.	129	ML=1.3	
SEP 19	01 21 10.	56	ML=1.7	SOUTH OF ALE
SEP 19	17 26 50.	82	ML=2.1	EAST OF ALE
SEP 29	08 45 21.	794	ML=3.6	ARCTIC OCEAN
OCT 19	08 34 12.	141	ML=1.0	EAST OF ALE
OCT 31	16 37 39.	1087	ML=4.1	ARCTIC OCEAN
NOV 24	13 34 39.	437	ML=2.9	ARCTIC OCEAN
NOV 28	15 16 09.	242	ML=2.7	
DEC 16	18 23 31.	195	ML=1.4	
DEC 17	14 33 18.	45	ML=1.7	SOUTHEAST OF ALE
DEC 19	04 48 41.	840	ML=3.3	ARCTIC OCEAN
DEC 29	00 51 42.	809	ML=3.6	ARCTIC OCEAN
DEC 29	23 36 28.	797	ML=4.0	ARCTIC OCEAN
DEC 30	04 58 50.	371	ML=2.4	ARCTIC OCEAN
DEC 31	05 34 36.	476	ML=3.4	NORTHERN GREENLAND ABOUT 1600 KM FROM RES
DEC 31	08 38 32.	140	ML=1.3	

TABLE 6

UNLOCATED EVENTS RECORDED AT RES

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	07 17 10.	52	ML=1.6	
JAN 4	22 39 41.	74	ML=2.3	
JAN 21	20 30 57.	124	ML=2.3	
JAN 21	21 21 00.	725	MN=2.8	PROBABLY BUCHAN GULF, NORTHERN BAFFIN ISLAND
JAN 22	02 22 42.	23	ML=1.2	DEPTH RESTRICTED TO 10 KM
FEB 2	12 00 03.	227	ML=2.0	
FEB 2	16 02 05.	166	ML=1.7	
FEB 3	09 33 22.	197	ML=1.9	
FEB 11	10 08 03.	39	ML=0.8	
FEB 18	08 34 09.	648	MN=2.5	POSSIBLY NORTHERN BAFFIN ISLAND
FEB 27	00 41 51.	235	ML=2.1	
FEB 27	12 40 07.	38	ML=2.0	SOUTHEAST OF RES
MAR 2	10 21 51.	82	ML=2.1	
MAR 4	15 39 20.	44	ML=1.2	
MAR 6	12 08 12.	125	ML=1.5	
MAR 6	12 08 20.	125	ML=2.1	
MAR 9	04 48 02.	65	ML=1.8	
MAR 15	17 39 11.	149	ML=2.7	ABOUT 650 KM FROM MBC
MAR 19	12 35 20.	486	ML=3.0	ABOUT 670 KM FROM MBC. NORTH OF RES
MAR 24	15 26 56.	104	ML=1.7	
MAR 24	19 15 56.	239	ML=2.1	
APR 6	20 10 43.	38	ML=1.1	
APR 11	13 10 27.	64	ML=2.0	
APR 18	04 07 49.	287	ML=2.2	
APR 19	12 45 31.	64	ML=1.5	
MAY 3	18 31 41.	107	ML=1.7	
MAY 4	12 28 12.	107	ML=1.7	
MAY 5	03 52 52.	64	ML=1.4	
MAY 5	13 06 45.	198	ML=1.6	
MAY 12	10 27 44.	414	ML=2.5	
MAY 16	20 38 40.	107	ML=1.4	
MAY 18	05 13 06.	56	ML=2.2	BARROW STRAIT. AFTERSHOCK
MAY 18	05 31 25.	49	ML=0.9	BARROW STRAIT. AFTERSHOCK
MAY 18	08 16 45.	56	ML=0.8	BARROW STRAIT. AFTERSHOCK
MAY 18	12 13 09.	47	ML=0.7	BARROW STRAIT. AFTERSHOCK
MAY 18	12 54 45.	54	ML=0.8	BARROW STRAIT. AFTERSHOCK
MAY 20	23 59 38.	56	ML=1.2	BARROW STRAIT. AFTERSHOCK
MAY 22	18 09 10.	204	ML=1.7	
MAY 23	13 07 15.	56	ML=1.5	BARROW STRAIT. AFTERSHOCK
MAY 23	23 51 09.	160	ML=1.4	
MAY 26	10 28 03.	56	ML=0.7	BARROW STRAIT. AFTERSHOCK
JUN 4	06 08 16.	56	ML=1.2	
JUN 6	07 51 40.	131	ML=2.2	
JUN 12	18 04 06.	56	ML=1.0	
JUN 15	01 39 07.	56	ML=1.2	
JUL 4	15 43 13.	99	ML=1.1	
JUL 8	06 57 26.	112	ML=2.4	
JUL 12	20 21 54.	328	ML=2.3	
JUL 20	14 54 28.	52	ML=1.4	
JUL 29	23 20 37.	163	ML=1.6	
JUL 29	23 28 02.	185	ML=1.6	
AUG 11	04 50 32.	90	ML=1.3	
AUG 27	11 34 03.	226	ML=1.9	
SEP 6	03 35 17.	116	ML=2.1	
SEP 20	01 25 23.	73	ML=1.4	

TABLE 6 (CONTINUED)

UNLOCATED EVENTS RECORDED AT RES

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
OCT 5	07 37 13.	129	ML=1.5	
OCT 7	07 38 17.	99	ML=2.1	
OCT 9	22 08 26.	191	ML=1.7	
OCT 15	10 47 20.	47	ML=0.9	
OCT 21	21 16 24.	580	ML=3.1	ABOUT 670 KM FROM ALE
NOV 8	20 44 24.	114	ML=2.2	
NOV 11	09 37 42.	302	ML=2.0	
NOV 11	20 18 52.	107	ML=1.3	
NOV 28	13 50 46.	51	ML=1.6	
DEC 20	11 25 29.	265	ML=2.6	
DEC 23	03 15 13.	280	ML=1.9	
DEC 25	19 43 04.	56	ML=1.0	

(SEE TABLE 19 FOR UNLOCATED EVENTS NORTHEAST OF MELVILLE ISLAND RECORDED ONLY AT RES (ABOUT 390 KM) AND/OR MBC (ABOUT 340 KM))

TABLE 7

UNLOCATED EVENTS RECORDED AT MBC

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 26	02 50 03.	30	ML=2.4	ABOUT 680 KM FROM RES
MAR 2	17 12 25.	116	ML=2.3	
MAR 4	15 06 35.	133	ML=1.2	
MAR 4	19 34 01.	105	ML=1.3	
MAR 8	09 58 53.	107	ML=1.6	
MAR 8	10 25 17.	116	ML=1.6	
MAR 18	21 07 19.	444	ML=2.5	POOR AT RES
MAR 26	02 52 10.	98	ML=1.4	
MAY 5	17 14 22.	82	ML=1.3	
JUL 14	20 17 07.	130	ML=0.9	
JUL 17	10 44 23.	306	ML=2.3	
JUL 17	23 26 29.	82	ML=1.6	
AUG 10	00 31 25.	47	ML=1.5	
AUG 13	07 09 49.	73	ML=0.9	
AUG 13	07 10 28.	82	ML=1.3	
AUG 13	07 56 40.	73	ML=0.7	
AUG 13	12 32 01.	82	ML=1.0	
AUG 15	02 36 12.	73	ML=1.3	
AUG 24	07 52 32.	27	ML=0.6	NORTHEAST OF MBC
AUG 24	14 58 60.	73	ML=1.3	
AUG 25	17 41 60.	73	ML=1.3	
SEP 30	17 19 05.	82	ML=1.1	
SEP 30	20 41 24.	82	ML=0.8	
OCT 13	07 35 27.	133	ML=1.2	
OCT 13	13 23 10.	47	ML=0.6	
OCT 22	16 37 35.	140	ML=1.0	
NOV 6	11 08 06.	67	ML=1.3	
NOV 12	14 22 13.	77	ML=1.5	
NOV 12	18 41 26.	74	ML=1.8	
NOV 12	19 10 22.	70	ML=0.9	
NOV 12	20 03 20.	73	ML=1.3	
NOV 23	22 33 14.	61	ML=1.8	

TABLE 8

UNLOCATED EVENTS RECORDED AT INK

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	12 16 01.	141	ML=1.9	
JAN 22	07 13 50.	339	ML=2.4	
JAN 23	02 38 35.	251	ML=2.2	
JAN 28	00 31 33.	118	ML=1.7	
JAN 30	04 24 14.	196	ML=2.3	
JAN 31	18 42 01.	91	ML=1.6	
FEB 8	16 53 47.	179	ML=1.8	
FEB 10	10 24 08.	686	ML=3.4	PROBABLY ALASKA
FEB 12	20 15 20.	322	ML=2.8	
FEB 15	00 27 15.	515	ML=2.8	
FEB 15	14 29 50.	224	ML=1.7	
FEB 21	20 12 27.	152	ML=1.7	
FEB 23	07 39 21.	882	ML=3.3	PROBABLY ALASKA
FEB 24	03 24 22.	196	ML=1.8	
MAR 2	21 13 44.	106	ML=1.5	
MAR 3	17 10 55.	555	ML=3.1	
MAR 7	01 46 23.	553	ML=3.1	
MAR 7	03 58 24.	177	ML=2.2	
MAR 7	05 01 28.	234	ML=1.5	
MAR 10	18 01 35.	181	ML=1.5	
MAR 15	00 52 39.	167	ML=1.8	
MAR 16	00 53 20.	389	ML=2.5	
MAR 18	13 24 23.	176	ML=1.6	
MAR 18	15 36 00.	221	ML=2.4	
MAR 19	14 13 52.	241	ML=2.5	
MAR 25	07 55 16.	287	ML=2.1	
MAR 28	00 56 06.	342	ML=2.7	
MAR 28	03 26 44.	372	ML=2.5	
MAR 28	16 30 57.	125	ML=2.4	
MAR 29	14 31 52.	185	ML=1.6	
MAR 31	16 02 42.	222	ML=1.5	
APR 2	20 54 08.	184	ML=1.8	
APR 4	15 20 14.	144	ML=2.2	
APR 7	02 28 35.	203	ML=1.9	
APR 11	04 05 28.	185	ML=2.6	
APR 12	19 13 60.	195	ML=1.8	
APR 13	18 41 02.	195	ML=1.8	
APR 14	09 48 32.	250	ML=2.6	
APR 25	01 31 22.	239	ML=2.0	
MAY 1	00 23 39.	348	ML=2.8	
MAY 2	05 09 04.	211	ML=2.1	
MAY 2	18 52 52.	212	ML=2.0	
MAY 4	14 15 10.	255	ML=2.2	
MAY 4	19 52 59.	437	ML=3.1	
MAY 11	13 24 25.	195	ML=1.8	
MAY 11	20 56 54.	217	ML=1.6	
MAY 11	23 36 48.	316	ML=2.2	
MAY 15	16 38 51.	334	ML=2.4	
MAY 16	09 24 05.	283	ML=2.1	
MAY 17	07 23 38.	228	ML=1.9	
MAY 17	17 35 08.	201	ML=2.6	
MAY 27	17 48 12.	294	ML=2.0	
MAY 29	17 08 34.	239	ML=2.3	
JUN 1	05 47 52.	234	ML=2.4	
JUN 1	12 20 45.	240	ML=2.3	
JUN 5	23 52 48.	273	ML=2.3	
JUN 19	08 39 12.	295	ML=2.1	
JUN 19	22 29 34.	174	ML=2.1	
JUN 21	05 48 32.	240	ML=2.1	
JUN 26	18 06 02.	207	ML=2.4	
JUN 28	03 23 29.	207	ML=2.6	

TABLE 8 (CONTINUED)

UNLOCATED EVENTS RECORDED AT INK

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUL 2	22 14 52.	339	ML=2.4	LOCATED BY YUKON FIELD SURVEY
JUL 7	18 35 21.	74	ML=1.4	LOCATED BY YUKON FIELD SURVEY
JUL 10	18 26 37.	800	ML=3.7	PROBABLY ALASKA
JUL 11	18 16 02.	295	ML=2.1	LOCATED BY YUKON FIELD SURVEY
JUL 12	14 15 27.	295	ML=2.5	LOCATED BY YUKON FIELD SURVEY
JUL 19	07 44 59.	319	ML=2.2	LOCATED BY YUKON FIELD SURVEY
JUL 19	09 27 28.	207	ML=1.5	LOCATED BY YUKON FIELD SURVEY
JUL 19	18 01 37.	196	ML=2.0	LOCATED BY YUKON FIELD SURVEY
JUL 20	07 20 52.	251	ML=1.5	LOCATED BY YUKON FIELD SURVEY
JUL 21	08 29 12.	185	ML=1.7	LOCATED BY YUKON FIELD SURVEY
JUL 24	22 11 43.	306	ML=2.5	LOCATED BY YUKON FIELD SURVEY
JUL 25	20 46 25.	204	ML=2.2	LOCATED BY YUKON FIELD SURVEY
JUL 26	00 14 47.	312	ML=2.8	LOCATED BY YUKON FIELD SURVEY
JUL 26	18 56 54.	306	ML=2.4	AFTERSHOCK. LOCATED BY YUKON FIELD SURVEY
JUL 26	19 04 33.	295	ML=2.6	AFTERSHOCK. LOCATED BY YUKON FIELD SURVEY
JUL 28	22 03 22.	163	ML=1.5	
JUL 31	01 40 45.	240	ML=2.1	LOCATED BY YUKON FIELD SURVEY
AUG 5	12 10 46.	341	ML=2.9	LOCATED BY YUKON FIELD SURVEY
AUG 6	08 08 36.	204	ML=1.8	
AUG 13	12 56 33.	278	ML=2.8	
AUG 21	13 58 45.	107	ML=1.1	
AUG 25	13 21 38.	184	ML=2.1	
SEP 4	03 07 27.	236	ML=2.4	
SEP 8	11 17 39.	166	ML=2.5	
SEP 10	05 38 13.	192	ML=1.8	
SEP 12	23 00 11.	328	ML=2.4	
SEP 19	00 31 17.	107	ML=1.7	
SEP 20	20 18 45.	558	ML=3.2	PROBABLY ALASKA
SEP 23	04 23 54.	192	ML=2.8	
SEP 28	09 48 53.	260	ML=2.3	
SEP 30	17 33 19.	203	ML=3.0	
OCT 3	10 04 02.	224	ML=2.3	
OCT 5	20 54 28.	349	ML=2.5	
OCT 8	06 54 24.	223	ML=2.0	
OCT 10	12 21 44.	179	ML=2.1	
OCT 10	13 56 28.	240	ML=2.4	
OCT 13	17 04 35.	412	ML=3.0	
OCT 14	14 56 47.	166	ML=1.6	
OCT 16	05 23 58.	192	ML=1.5	
OCT 19	21 05 11.	184	ML=2.7	NORTHERN YUKON TERRITORY. FORESHOCK
OCT 22	22 37 53.	229	ML=3.0	BEAUFORT SEA ABOUT 740 KM FROM MBC
OCT 23	03 04 19.	228	ML=1.9	
OCT 25	10 18 07.	250	ML=2.0	
OCT 27	08 02 34.	124	ML=1.6	
OCT 28	20 08 27.	448	ML=3.2	NORTH COAST OF ALASKA ABOUT 1030 KM FROM MBC
OCT 30	23 05 09.	317	ML=3.0	
OCT 31	23 24 23.	192	ML=2.9	
NOV 7	06 29 16.	401	ML=2.8	POOR AT WHC
NOV 11	16 19 18.	192	ML=2.0	
NOV 11	22 21 28.	116	ML=1.8	
NOV 14	06 11 04.	360	ML=3.2	
NOV 14	23 58 18.	133	ML=2.3	
NOV 15	11 03 40.	460	ML=3.2	POOR AT WHC
NOV 16	20 49 05.	133	ML=1.8	
NOV 17	17 19 17.	371	ML=2.9	
NOV 21	22 05 19.	124	ML=1.3	
NOV 26	23 56 13.	304	ML=2.6	
NOV 27	01 19 46.	322	ML=3.0	
NOV 28	01 14 37.	177	ML=1.9	
NOV 29	08 50 36.	316	ML=2.0	
DEC 3	07 17 38.	204	ML=1.7	
DEC 19	04 47 12.	350	ML=2.4	
DEC 21	13 11 50.	360	ML=2.4	
DEC 23	07 49 49.	250	ML=2.7	
DEC 26	08 37 43.	185	ML=1.5	
DEC 29	16 56 04.	328	ML=3.1	
DEC 30	05 09 10.	116	ML=1.7	
DEC 31	00 26 06.	195	ML=2.6	

TABLE 9

UNLOCATED EVENTS RECORDED AT WHC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	06 39 06.	537	ML=3.6	
JAN 2	09 32 13.	306	ML=4.0	
JAN 6	20 33 36.	339	ML=2.9	
JAN 6	22 11 14.	284	ML=2.6	
JAN 7	15 14 25.	438	ML=3.8	
JAN 10	14 39 46.	449	ML=4.0	MOST OF THE EVENTS IN THIS TABLE AT DISTANCES
JAN 21	13 14 44.	317	ML=3.5	GREATER THAN ABOUT 200 OR 300 KM PROBABLY
JAN 22	09 02 35.	339	ML=3.6	ORIGINATE IN SOUTHEASTERN ALASKA
JAN 22	19 09 29.	273	ML=3.2	
JAN 23	14 23 48.	351	ML=4.1	
JAN 26	04 32 52.	118	ML=2.2	
JAN 27	04 01 46.	306	ML=3.5	
JAN 31	02 10 01.	349	ML=3.7	
JAN 31	02 21 43.	82	ML=1.6	
FEB 5	00 57 41.	319	ML=2.5	
FEB 5	01 27 00.	314	ML=3.5	ABOUT 780 KM FROM INK
FEB 5	22 55 10.	133	ML=2.1	
FEB 26	21 09 34.	230	ML=2.9	
MAR 5	04 43 16.	211	ML=2.7	
MAR 9	17 46 41.	173	ML=2.2	
MAR 13	19 48 58.	47	ML=1.6	
MAR 26	14 10 56.	256	ML=1.8	
MAR 27	14 58 32.	294	ML=3.1	
APR 3	00 46 56.	287	ML=2.8	
APR 6	02 43 21.	277	ML=3.6	
APR 11	01 29 34.	296	ML=2.7	
APR 15	16 48 09.	192	ML=2.6	
APR 18	06 54 37.	179	ML=3.1	
APR 29	13 07 17.	160	ML=2.5	
MAY 7	01 47 57.	154	ML=3.1	
MAY 16	17 32 38.	435	ML=3.3	
JUN 4	11 50 33.	125	ML=3.0	
JUN 5	11 42 55.	134	ML=2.1	
JUN 7	11 47 06.	166	ML=2.7	
JUN 10	14 58 12.	277	ML=3.0	SOUTHWESTERN YUKON TERRITORY. AFTERSHOCK
JUN 11	07 31 39.	166	ML=2.5	
JUN 11	09 53 54.	286	ML=3.2	SOUTHWESTERN YUKON TERRITORY. AFTERSHOCK
JUN 17	23 40 27.	147	ML=2.7	
JUN 19	04 57 03.	275	ML=2.9	
JUN 20	16 23 44.	192	ML=3.0	
JUN 24	19 28 39.	74	ML=2.4	
JUN 24	19 28 51.	74	ML=2.5	
JUN 24	19 29 37.	74	ML=2.7	
JUN 28	21 23 57.	275	ML=3.3	
JUN 28	22 01 56.	268	ML=3.0	
JUN 29	02 06 12.	410	ML=3.5	
JUL 2	00 45 23.	361	ML=3.2	
JUL 2	02 59 45.	273	ML=2.4	
JUL 3	06 39 22.	372	ML=3.5	
JUL 3	08 44 53.	361	ML=3.4	
JUL 3	15 12 44.	361	ML=3.1	
JUL 4	00 00 21.	350	ML=2.7	
JUL 4	04 26 37.	493	ML=3.0	
JUL 4	07 37 49.	658	ML=3.9	
JUL 7	07 20 43.	405	ML=3.2	
JUL 23	06 21 40.	317	ML=2.6	
JUL 24	13 25 48.	383	ML=2.8	
JUL 26	14 27 50.	449	ML=3.7	

TABLE 9 (CONTINUED)

UNLOCATED EVENTS RECORDED AT WHC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 1	11 20 07.	548	ML=4.3	FELT AT SITKA WITH INTENSITY I
AUG 2	01 47 45.	454	ML=3.4	
AUG 2	04 45 46.	454	ML=3.6	
AUG 4	08 58 14.	470	ML=3.5	
AUG 4	09 08 58.	445	ML=3.6	
AUG 6	15 23 09.	470	ML=3.7	FELT AT SITKA WITH INTENSITY I
AUG 7	18 41 12.	445	ML=3.4	
AUG 8	02 53 23.	521	ML=3.9	
AUG 10	23 13 36.	198	ML=2.9	
AUG 12	22 44 02.	179	ML=3.3	
AUG 13	07 12 04.	353	ML=2.8	
AUG 23	07 17 15.	331	ML=3.0	
AUG 23	09 56 56.	312	ML=2.6	
AUG 23	10 44 44.	369	ML=2.9	
AUG 27	20 31 16.	361	ML=3.0	FELT AT SITKA
AUG 29	08 25 34.	369	ML=3.2	FELT AT SITKA WITH INTENSITY I
AUG 29	20 29 37.	376	ML=3.7	FELT AT SITKA WITH INTENSITY I
SEP 3	09 08 58.	166	ML=2.9	
SEP 8	11 18 12.	198	ML=3.4	
SEP 10	22 40 48.	382	ML=3.1	
SEP 13	10 26 52.	223	ML=2.5	
SEP 22	21 48 45.	185	ML=2.4	
SEP 29	05 56 39.	312	ML=2.8	
SEP 29	10 30 52.	344	ML=2.7	
OCT 2	06 24 38.	211	ML=1.5	
OCT 2	14 34 55.	255	ML=2.0	
OCT 4	04 09 57.	281	ML=2.2	
OCT 5	07 41 05.	363	ML=2.6	
OCT 6	13 18 28.	376	ML=2.9	
OCT 7	16 20 51.	274	ML=3.1	
OCT 8	02 16 04.	268	ML=3.2	
OCT 8	08 46 26.	242	ML=2.4	
OCT 8	10 13 07.	268	ML=2.1	
OCT 8	11 13 51.	274	ML=2.0	
OCT 8	13 30 13.	274	ML=2.3	
OCT 8	17 45 36.	211	ML=2.4	
OCT 8	21 02 02.	242	ML=2.1	
OCT 8	23 50 11.	274	ML=2.9	
OCT 10	03 21 34.	268	ML=2.3	
OCT 10	10 10 58.	268	ML=3.2	
OCT 11	00 19 21.	268	ML=2.5	
OCT 13	07 19 43.	319	ML=2.3	
OCT 14	20 17 37.	274	ML=1.4	
OCT 19	08 22 40.	363	ML=3.0	
OCT 24	18 36 55.	223	ML=3.0	
OCT 25	09 01 31.	312	ML=2.2	
OCT 25	12 17 38.	274	ML=2.3	
OCT 26	21 12 46.	362	ML=3.4	
NOV 5	00 18 15.	129	ML=2.8	
NOV 5	04 20 54.	255	ML=2.8	
NOV 8	00 14 54.	192	ML=1.9	
NOV 8	17 06 55.	192	ML=2.6	
NOV 11	08 59 23.	300	ML=2.1	
NOV 16	10 16 41.	300	ML=2.4	
NOV 16	13 37 10.	268	ML=2.7	
NOV 18	18 45 10.	184	ML=1.9	
NOV 19	17 10 12.	255	ML=2.5	
NOV 25	22 24 46.	166	ML=2.5	
NOV 26	19 41 36.	133	ML=2.4	
NOV 28	15 06 05.	357	ML=3.3	
DEC 5	05 11 43.	223	ML=3.5	
DEC 5	18 25 47.	471	ML=3.7	SOUTHEASTERN ALASKA
DEC 5	19 14 37.	179	ML=2.2	
DEC 16	08 55 21.	338	ML=3.2	ABOUT 840 KM FROM INK
DEC 19	17 24 06.	350	ML=3.3	
DEC 20	06 40 24.	325	ML=3.0	

TABLE 10

UNLOCATED EVENTS RECORDED AT YKC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 3	14 15 40.	582	MN=2.9	PROBABLY WEST OF YKC

TABLE 11

UNLOCATED EVENTS RECORDED AT FBC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAR 20	08 39 16.	142	ML=1.9	EAST OF FBC
APR 16	00 20 39.	316	ML=3.1	PROBABLY DAVIS STRAIT
JUN 12	15 49 35.	403	ML=3.0	
JUL 27	02 17 37.	185	ML=1.9	
JUL 27	02 24 40.	207	ML=1.9	
JUL 27	02 28 28.	251	ML=2.4	POOR AT BLC AND FCC
AUG 17	18 29 59.	179	ML=2.0	SOUTHERN BAFFIN ISLAND
DEC 20	09 44 30.	158	ML=1.8	SOUTHERN BAFFIN ISLAND

TABLE 12

UNLOCATED EVENTS RECORDED AT BLC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 21	21 09 11.	376	ML=2.4	PROBABLY WAGER BAY NWT
OCT 3	12 27 55.	312	ML=2.3	PROBABLY NEAR CHANTRY INLET NWT

TABLE 13

UNLOCATED EVENTS RECORDED AT POC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 30	12 43 18.	18	ML=1.2	DEPTH RESTRICTED TO 10 KM
JUL 10	16 18 55.	18	ML=1.0	DEPTH RESTRICTED TO 10 KM
AUG 8	04 28 45.	27	ML=1.7	
OCT 14	13 57 14.	56	ML=1.8	POOR AT SFA

TABLE 14

UNLOCATED EVENTS RECORDED AT FSJ

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 29	13 52 59.	525	ML=3.4	WEST OF VANCOUVER ISLAND. PHC NOT OPERATING

TABLE 15

UNLOCATED EVENTS RECORDED AT QCC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 6	07 10 29.	74	ML=2.7	
FEB 18	18 59 20.	52	ML=2.5	
FEB 20	07 01 37.	74	ML=2.6	
FEB 20	18 50 30.	65	ML=2.8	
MAY 6	18 51 15.	38	ML=1.6	
MAY 9	06 53 49.	250	ML=3.0	
MAY 14	21 15 08.	133	ML=2.7	
MAY 20	00 45 27.	73	ML=2.9	
MAY 20	01 26 06.	73	ML=2.5	
MAY 29	09 07 04.	73	ML=2.3	
MAY 31	07 36 30.	116	ML=2.3	
JUN 7	00 51 11.	174	ML=3.1	
JUN 19	17 47 42.	185	ML=3.3	
JUN 25	03 11 21.	185	ML=3.3	
JUN 26	08 44 43.	56	ML=2.3	
JUN 29	19 45 16.	82	ML=2.8	
JUL 21	09 28 29.	74	ML=2.7	
JUL 31	02 25 10.	369	ML=2.9	SOUTHEASTERN ALASKA
JUL 31	05 21 55.	439	ML=3.2	SOUTHEASTERN ALASKA
JUL 31	11 25 30.	458	ML=3.7	SOUTHEASTERN ALASKA
AUG 2	19 47 40.	407	ML=3.2	SOUTHEASTERN ALASKA
AUG 3	19 33 12.	420	ML=3.6	SOUTHEASTERN ALASKA
AUG 8	02 53 39.	452	ML=3.5	SOUTHEASTERN ALASKA
AUG 11	04 31 09.	73	ML=2.3	
AUG 11	17 24 05.	73	ML=2.9	
AUG 19	21 49 51.	426	ML=3.9	SOUTHEASTERN ALASKA
AUG 20	21 49 33.	198	ML=3.2	
OCT 21	19 55 10.	47	ML=2.3	
NOV 2	16 32 02.	38	ML=2.3	
NOV 6	23 44 35.	56	ML=2.0	
NOV 21	00 02 50.	82	ML=2.3	
DEC 9	20 48 30.	56	ML=1.6	
DEC 21	15 30 19.	217	ML=3.3	
DEC 27	09 20 15.	47	ML=2.4	

TABLE 16

UNLOCATED EVENTS RECORDED AT PHC

DATE 1972	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 14	21 21 35.	185	ML=2.9	WEST OF VANCOUVER ISLAND. FORESHOCK
JAN 14	23 27 45.	185	ML=3.1	WEST OF VANCOUVER ISLAND. AFTERSHOCK
JAN 17	07 13 06.	185	ML=3.6	WEST OF VANCOUVER ISLAND. AFTERSHOCK
JAN 19	17 28 50.	69	ML=3.0	ABOUT 190 KM FROM ALB
JAN 19	18 33 02.	69	ML=2.3	
JAN 20	05 26 33.	207	ML=3.8	
JAN 20	08 23 12.	207	ML=3.5	
JAN 20	17 04 12.	174	ML=3.2	
JAN 30	13 56 00.	207	ML=2.6	
JAN 31	04 55 27.	185	ML=2.9	
FEB 8	01 49 53.	190	ML=2.5	
FEB 8	05 22 42.	210	ML=2.5	
FEB 9	01 52 26.	196	ML=2.3	
FEB 9	07 50 57.	196	ML=2.5	
FEB 11	03 55 31.	196	ML=2.6	
FEB 12	10 44 25.	339	ML=3.2	
FEB 13	03 05 44.	212	ML=2.8	
FEB 18	14 15 55.	185	ML=2.7	
FEB 26	17 34 13.	102	ML=2.1	
MAR 11	17 25 31.	148	ML=2.3	
MAR 23	16 08 57.	95	ML=2.0	
MAR 25	17 47 30.	174	ML=2.1	
MAR 26	01 19 10.	218	ML=2.3	ABOUT 290 KM FROM ALB
MAR 27	06 53 29.	190	ML=2.4	
MAR 28	18 30 06.	179	ML=2.5	
APR 8	14 28 13.	184	ML=2.6	
APR 9	20 45 08.	217	ML=2.7	
APR 25	05 20 17.	206	ML=2.6	
APR 30	04 49 38.	245	ML=2.8	
MAY 5	01 20 41.	184	ML=2.3	
MAY 8	06 45 56.	118	ML=1.8	
MAY 9	19 13 41.	212	ML=2.8	
JUN 13	19 28 11.	196	ML=2.9	DOUBLE EVENT. PROBABLY AFTERSHOCKS OF 13 JUN 18H-TABLE3A
JUN 17	23 22 48.	240	ML=3.1	
JUN 21	22 24 45.	56	ML=2.4	
JUN 27	01 10 57.	65	ML=2.2	
JUL 5	10 40 49.	113	ML=2.3	SIX OF THE EVENTS LISTED THIS DAY PLUS ONE ON 11 JUL
JUL 5	10 43 37.	118	ML=2.5	AT 8H AT DISTANCES OF ABOUT 120 KM ARE AFTERSHOCKS OF
JUL 5	10 54 28.	118	ML=2.4	THE 5 JUL 10H EVENT OFF THE WEST COAST OF VANCOUVER
JUL 5	11 10 42.	117	ML=1.2	ISLAND (SEE TEXT AND TABLE 3A)
JUL 5	11 13 09.	78	ML=1.9	LARGEST OF 3 SIMILIAR EVENTS THIS DAY
JUL 5	12 38 30.	124	ML=2.5	
JUL 5	21 52 58.	118	ML=2.2	
JUL 7	05 53 15.	207	ML=2.6	
JUL 7	09 42 00.	207	ML=2.2	
JUL 7	14 00 08.	196	ML=2.6	
JUL 8	16 43 50.	196	ML=2.8	LARGEST OF 6 EVENTS THIS DAY, FORESHOCKS OF 10 JUL 00H
JUL 11	08 55 30.	118	ML=3.0	AFTERSHOCK OF 5 JUL 10H
JUL 17	06 43 12.	179	ML=3.1	THIS IS THE FIRST IN A SERIES OF EARTHQUAKES WEST OF
JUL 17	22 53 28.	163	ML=3.4	VANCOUVER ISLAND CONTINUING TO 21 AUG. ROGERS(1976)
JUL 17	23 33 20.	157	ML=3.3	REPORTS OVER 150 EVENTS GREATER THAN ML 2.2. LARGEST
JUL 19	05 39 04.	157	ML=2.9	EVENT OCCURRED ON 23 JUL 19H - SEE TABLE 3A. ONLY
JUL 20	01 58 00.	207	ML=2.8	THE LARGER EVENTS IN THE SEQUENCE ARE PRESENTED
JUL 20	04 03 00.	113	ML=3.4	IN THIS TABLE.
JUL 20	15 02 41.	152	ML=3.1	

TABLE 16 (CONTINUED)

UNLOCATED EVENTS RECORDED AT PHC

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 10	07 19 44.	201	ML=2.8	
AUG 11	08 36 46.	206	ML=2.7	
AUG 11	14 31 41.	82	ML=2.9	
AUG 12	04 09 46.	217	ML=2.2	
AUG 14	04 02 02.	96	ML=1.7	
AUG 14	16 14 03.	360	ML=3.3	
AUG 15	23 41 28.	151	ML=2.5	
AUG 19	21 49 27.	316	ML=3.4	
AUG 21	22 37 43.	157	ML=2.9	
AUG 22	15 45 47.	201	ML=2.6	
AUG 27	17 47 54.	103	ML=3.2	
SEP 5	17 36 56.	228	ML=3.2	
OCT 2	05 52 52.	140	ML=1.8	
OCT 4	02 24 10.	129	ML=1.7	
OCT 9	23 05 05.	195	ML=2.1	
OCT 12	21 45 46.	173	ML=2.7	
OCT 29	22 46 42.	184	ML=2.2	
OCT 31	03 57 31.	184	ML=2.4	
OCT 31	07 15 04.	184	ML=2.2	
OCT 31	07 21 06.	184	ML=2.7	
OCT 31	12 17 09.	206	ML=2.5	
OCT 31	18 01 16.	195	ML=2.5	
OCT 31	18 49 25.	184	ML=3.0	
OCT 31	20 15 59.	195	ML=3.2	
NOV 1	16 01 44.	184	ML=2.8	
NOV 7	17 51 34.	181	ML=2.6	
NOV 11	18 10 06.	171	ML=2.7	
NOV 17	19 00 09.	263	ML=2.9	
NOV 22	02 23 27.	201	ML=2.3	
NOV 23	08 49 59.	184	ML=2.0	
NOV 27	14 55 08.	184	ML=3.0	
NOV 28	06 47 30.	184	ML=2.3	
DEC 2	07 10 44.	101	ML=2.5	
DEC 2	15 26 54.	137	ML=2.7	
DEC 3	02 04 31.	56	ML=2.1	
DEC 4	02 04 20.	184	ML=2.1	
DEC 11	02 46 11.	195	ML=2.1	
DEC 14	03 45 59.	151	ML=2.9	
DEC 15	07 44 12.	151	ML=2.5	
DEC 20	03 24 56.	151	ML=2.0	
DEC 31	11 43 14.	184	ML=2.4	

TABLE 17

UNLOCATED EVENTS RECORDED AT ALB

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 2	02 24 23.	196	ML=2.9	
JAN 15	04 40 19.	174	ML=3.0	ABOUT 260 KM FROM VIC
FEB 5	18 34 17.	142	ML=1.5	
JUN 22	21 36 30.	56	ML=2.0	
JUN 25	01 42 19.	284	ML=3.4	WEST OF VANCOUVER ISLAND

TABLE 18

UNLOCATED EVENTS RECORDED AT VIC

DATE 1972	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 25	17 25 55.	91	ML=2.3	
FEB 3	22 49 43.	43	ML=1.7	ABOUT 100 KM FROM ALB
FEB 6	18 19 10.	43	ML=1.8	ABOUT 110 KM FROM ALB
FEB 9	19 25 31.	44	ML=2.1	ABOUT 110 KM FROM ALB
FEB 22	04 08 09.	38	ML=1.7	
FEB 22	12 35 04.	142	ML=2.1	POOR AT PNT
FEB 27	08 27 57.	65	ML=2.8	POOR AT PNT
MAR 9	02 33 41.	133	ML=1.9	
MAR 12	02 40 31.	55	ML=1.8	FELT IN THE SURREY AND CLOVERDALE AREAS SOUTHEAST OF VANCOUVER. POOR AT PNT, ALB NOT OPERATING.
MAR 17	05 25 24.	28	ML=1.9	POOR AT ALB
MAR 18	00 54 38.	23	ML=1.0	
MAR 24	01 05 43.	159	ML=1.5	
APR 4	11 01 52.	124	ML=2.1	
APR 4	12 20 44.	99	ML=2.7	
APR 16	15 59 08.	150	ML=2.3	
APR 19	10 16 04.	90	ML=2.2	
APR 21	02 32 58.	73	ML=1.8	
APR 29	11 42 30.	107	ML=1.7	
MAY 4	21 52 13.	24	ML=2.4	ABOUT 150 KM FROM ALB
MAY 7	09 49 01.	121	ML=1.6	
MAY 18	05 07 36.	33	ML=2.3	
MAY 20	16 32 17.	73	ML=2.4	
MAY 20	19 56 16.	77	ML=2.6	
MAY 23	23 31 24.	64	ML=1.5	
MAY 24	02 57 55.	32	ML=2.0	
JUN 21	00 12 59.	162	ML=2.3	
JUN 21	22 36 30.	162	ML=2.3	
JUN 21	22 55 21.	306	ML=2.8	
JUN 25	01 42 19.	116	ML=2.9	
JUN 28	18 16 53.	69	ML=2.3	
JUN 29	13 03 20.	38	ML=1.2	
JUN 30	21 18 36.	74	ML=1.6	
JUL 27	00 32 41.	38	ML=2.1	
JUL 29	01 58 03.	74	ML=1.9	
AUG 13	12 55 15.	163	ML=2.3	ABOUT 260 KM FROM PNT, WASHINGTON
AUG 15	22 15 16.	151	ML=2.4	
AUG 20	05 33 56.	74	ML=2.1	ABOUT 210 KM FROM PNT
AUG 31	16 43 39.	90	ML=2.8	
SEP 12	20 25 56.	162	ML=2.3	
OCT 4	12 38 50.	82	ML=2.2	
OCT 10	11 26 53.	82	ML=2.1	
OCT 22	09 16 23.	158	ML=3.1	ABOUT 260 KM FROM PNT, WASHINGTON
NOV 3	23 48 32.	86	ML=2.4	SOUTH OF VIC
NOV 11	00 51 05.	27	ML=1.3	
NOV 14	18 26 25.	109	ML=2.4	
NOV 15	00 13 15.	27	ML=1.0	
NOV 23	17 23 16.	64	ML=2.2	
NOV 26	00 07 43.	32	ML=1.6	NORTHWEST OF VIC
NOV 27	23 53 13.	32	ML=1.2	
NOV 29	09 13 53.	90	ML=1.7	
DEC 3	10 07 42.	116	ML=2.4	
DEC 6	17 35 55.	99	ML=2.2	
DEC 7	01 51 18.	141	ML=2.7	
DEC 9	13 14 37.	99	ML=2.4	
DEC 9	13 30 49.	90	ML=2.0	
DEC 12	12 45 05.	90	ML=2.4	SOUTH OF VIC
DEC 16	00 23 16.	23	ML=1.1	NORTHEAST OF VIC

Table 19

Unlocated earthquakes northeast of Melville Island recorded only at RES (Δ~390 km) and/or MBC (Δ~340 km).

DATE 1972	H-TIME (GMT) HR	MIN	MAGNITUDE	DATE 1972	H-TIME (GMT) HR	MIN	MAGNITUDE	DATE 1972	H-TIME (GMT) HR	MIN	MAGNITUDE
Nov. 17	11	27	M_L 2.4	Nov. 23	03	19	M_L 2.2	Dec. 20	17	50	M_L 2.3
17	13	30	M_L 2.4	23	12	16	M_L 2.5	20	18	09	M_L 2.3
17	23	35	M_L 2.5	23	12	44	m_N 2.9	20	18	37	M_L 2.1
								20	22	31	M_L 2.1
18	05	10	M_L 2.8	24	15	17	M_L 2.5				
18	10	08	M_L 2.3	24	17	22	M_L 2.2	22	19	30	M_L 2.1
				24	19	12	M_L 2.5				
19	07	47	M_L 2.6	24	19	16	M_L 2.1	23	05	52	M_L 2.3
19	14	32	M_L 2.3	24	20	23	M_L 2.7				
19	17	49	M_L 3.1	24	22	15	M_L 2.5	27	23	24	M_L 2.4
19	17	54	M_L 2.7					27	23	39	M_L 2.6
19	18	03	M_L 2.7	25	01	11	M_L 2.3				
19	18	28	M_L 2.2	25	11	03	m_N 3.0	28	00	34	M_L 2.1
19	19	39	M_L 2.2	25	17	10	M_L 2.2	28	01	01	M_L 2.2
19	21	05	m_N 3.1	25	22	53	m_N 3.0	28	01	28	M_L 2.9
19	21	57	M_L 2.3					28	01	57	M_L 2.3
19	22	35	M_L 2.3	27	03	44	M_L 2.6	28	03	04	M_L 2.1
19	22	57	M_L 2.2					28	06	02	M_L 2.7
19	23	06	M_L 2.4	28	18	32	M_L 2.7	28	06	41	M_L 2.7
19	23	58	M_L 2.0					28	10	08	M_L 2.3
				30	15	45	M_L 2.5	28	11	00	M_L 2.0
20	00	32	M_L 2.2	30	18	53	M_L 2.0	28	12	09	M_L 2.4
20	02	57	M_L 2.1					28	12	35	M_L 2.9
20	03	55	M_L 2.2	Dec. 01	05	38	M_L 2.2	28	13	21	M_L 2.7
20	15	04	M_L 2.2					28	13	30	M_L 2.1
20	21	16	M_L 3.0	02	12	37	M_L 2.6	28	15	57	M_L 2.9
20	21	24	M_L 2.6					28	16	20	M_L 2.1
				07	18	12	M_L 2.2	28	16	27	M_L 2.2
21	02	05	M_L 2.3					28	17	08	M_L 2.7
21	03	58	M_L 2.9	08	21	00	M_L 2.6	28	18	47	M_L 2.6
21	04	56	M_L 2.4					28	20	24	M_L 2.1
21	05	49	M_L 2.3	09	01	17	M_L 2.2	28	22	57	M_L 1.9
21	10	26	M_L 3.1								
21	10	51	M_L 2.8	10	10	33	M_L 2.2	29	00	06	M_L 2.0
21	13	20	M_L 2.6	10	21	37	M_L 2.2	29	03	46	M_L 2.2
21	14	53	M_L 2.3					29	09	49	M_L 2.1
21	17	30	M_L 2.9	11	16	40	M_L 2.4	29	09	54	M_L 2.5
								29	10	46	M_L 2.5
22	04	21	m_N 3.1	14	01	54	M_L 2.2	29	22	30	M_L 2.6
22	10	35	M_L 2.3	14	07	21	M_L 2.0				
22	13	38	M_L 2.0					30	09	31	M_L 2.2
22	13	39	M_L 2.4	15	19	43	M_L 2.2	30	10	13	M_L 2.2
22	17	25	m_N 3.0					30	14	29	M_L 2.3
22	23	32	m_N 2.9	17	15	04	M_L 2.1				
								31	16	02	M_L 2.2
				19	11	00	M_L 2.4				

TABLE 20

A Summary of Earthquakes Reported Felt
in Canada During 1972

Date and Time (GMT)	Magnitude	Location
23 Feb. 07:07	M_L 2.9	Rockburst at St. Lawrence, Newfoundland. Some damage over very small area. Maximum intensity VI. (See text.)
12 Mar. 02:40	M_L 1.8	Near Vancouver, B.C. Felt in Surrey and Cloverdale areas southeast of Vancouver. (See Table 18.)
05 July 10:16	m_b 5.7	Off the west coast of Vancouver Island. Felt mainly on central Vancouver Island with maximum intensity V. (See text and Fig. 9.)
26 July 03:58	m_N 3.7	South-central Saskatchewan. Maximum intensity IV at Bengough. (See text and Fig. 10.)
26 July 18:46	m_N 4.6	Northern Yukon Territory. Felt by a survey party in the epicentral region.
30 July 21:45	M_S 7.6	Southeastern Alaska. Maximum intensity VII in Sitka area; minor damage. Felt slightly at Quesnel, B.C., and Whitehorse, Yukon Territory. (See text.)
02 Aug. 01:03	m_N 2.9	Lower St. Lawrence Valley. Felt at St.-Féréol, Quebec.
05 Aug. 03:10	M_L 2.6	Southwestern Quebec. Felt at Lac Simon.
12 Sep. 09:15	m_N 3.2	Southwestern Quebec. Felt at Chalk River, Deep River, and Rolphton, Ontario, with maximum intensity IV.
19 Oct. 02:22:17	m_N 3.0	Southeastern New Brunswick. Felt at Dorchester, Hillsborough and vicinity with maximum intensity IV-V. (See text and Fig. 5.)
19 Oct. 02:22:39	M_L 2.6	Southwestern Quebec. Felt by some at Montreal and Rigaud, Quebec. Maximum intensity III.
06 Nov. 12:53	M_L 2.2	Southeastern New Brunswick. Felt slightly at Dorchester and vicinity. Maximum intensity III.
08 Nov. 11:06	M_L 2.4	Southwestern Quebec. Felt at Piedmont.
09 Nov. 04:19	M_L 3.9	Juan de Fuca Strait. Felt at Victoria, B.C., and Port Townsend, Washington.
16 Dec. 19:01	m_N 3.9	Southwestern Quebec about 60 km NE of Ottawa. Maximum intensity IV. No other intensity information available.
27 Dec. 22:59 28 Dec. 14:36	m_N 5.4 m_N 5.1	Northeast of Melville Island, N.W.T. Felt by drilling crew on King Christian Island about 150 km to the northeast.