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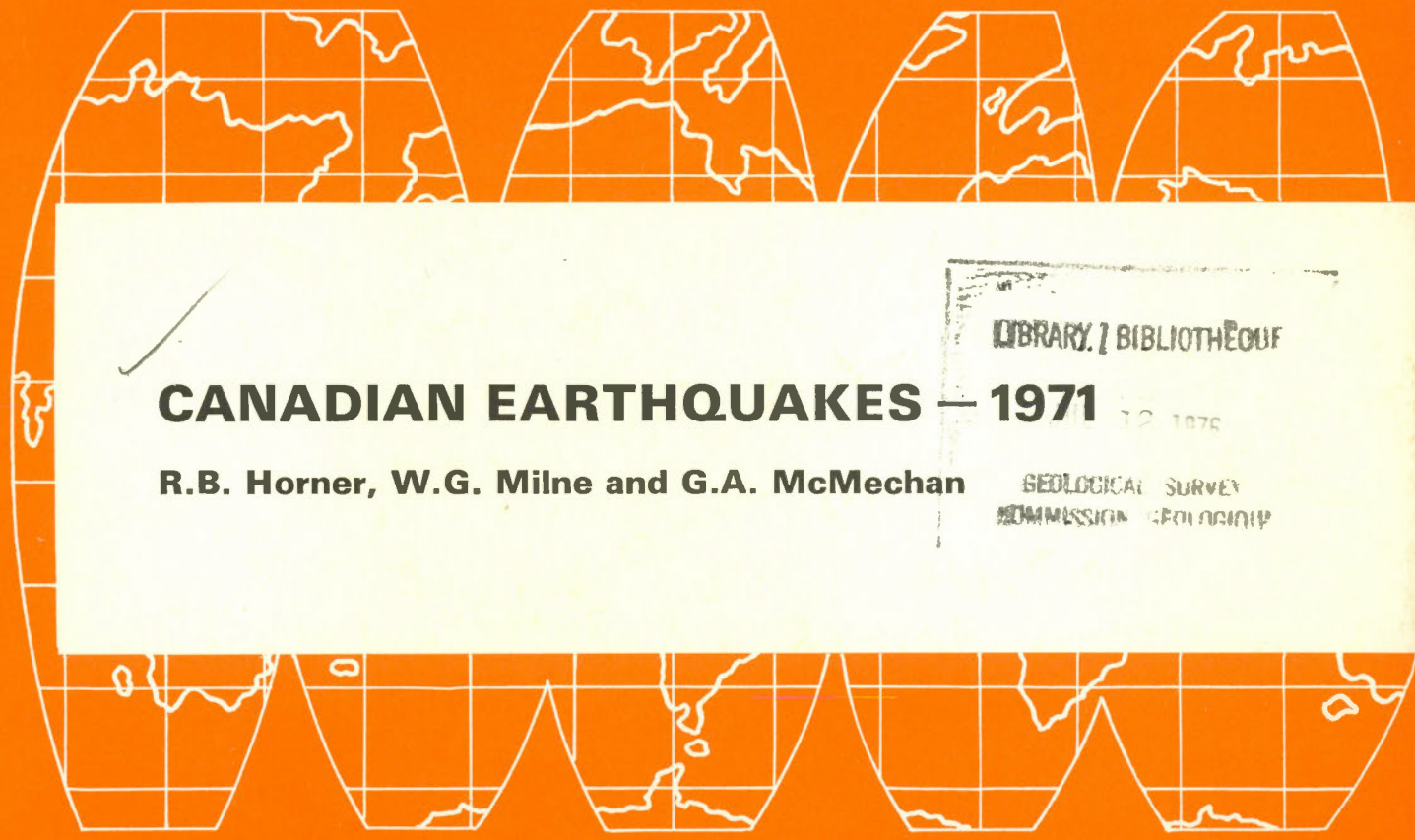
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CANADIAN EARTHQUAKES — 1971
R.B. Horner, W.G. Milne and G.A. McMechan

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R.B. Horner, W.G. Milne and G.A. McMechan

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CONTENTS

	<i>Page</i>
List of Figures	iv
List of Tables	v
I. Introduction	1
1. Epicentre Determination	2
2. Magnitude Determination	3
II Canadian Seismograph Network	3
III Explosions	5
IV Summary of Seismic Activity for 1971	5
1. Eastern Region	5
2. Northern Region	11
3. Western Region	13
4. Central Region	14
V Revisions	14
Acknowledgments	14
References	14

LIST OF FIGURES

<i>Figure</i>	<i>Page</i>
1. Earthquakes of Eastern Canada and adjacent areas - 1971	vii
2. Earthquakes of Northern Canada and adjacent areas - 1971 (Sheet 1 of 2)	viii
Earthquakes of Northern Canada and adjacent areas - 1971 (Sheet 2 of 2)	ix
3. Earthquakes of Western Canada and adjacent areas - 1971	x
4. Earthquakes of Central Canada and adjacent areas - 1971	xi
5. The four regions of Canada	1
6. The Canadian Seismograph Network - 1971	4
7. Earthquakes in Canada and adjacent areas during 1971 with magnitude 4 or greater	7
8. Isoseismal map of the Mont-Tremblant, Quebec, earthquake of December 18, 1971 (compiled by G. Leblanc)	8
9. The Ottawa Valley earthquake of September 27, 1971	9
10. The Ottawa Valley earthquake of November 23, 1971 (compiled by A.E. Stevens)	10
11. The Lacolle, Quebec, earthquake of May 14, 1971	11
12. Histogram of unlocated events recorded at INK during 1971	12

LIST OF TABLES

<i>Table</i>	<i>Page</i>
1. Earthquakes of Eastern Canada and adjacent areas - 1971	15
2. Earthquakes of Northern Canada and adjacent areas - 1971	18
3. Earthquakes of Western Canada and adjacent areas - 1971	29
4. Earthquakes of Central Canada and adjacent areas - 1971	35
5. Unlocated events recorded at INK	36
6. Unlocated events recorded at WHC	38
7. Unlocated events recorded at YKC	38
8. Unlocated events recorded at BLC	38
9. Unlocated events recorded at RES	39
10. Unlocated events recorded at MBC	40
11. Unlocated events recorded at ALE	41
12. Unlocated events recorded at FBC	41
13. Unlocated events recorded at SFA	42
14. Unlocated events recorded at HAL	42
15. Unlocated events recorded at ALB	42
16. Unlocated events recorded at MCC	42
17. Unlocated events recorded at PNT	42
18. Unlocated events recorded at PHC	43
19. Unlocated events recorded at SANDSPIT	45
20. Unlocated events recorded at QCC	45
21. Unlocated events recorded at VIC	45
22. Summary of earthquakes reported felt in Canada during 1971 . . .	6

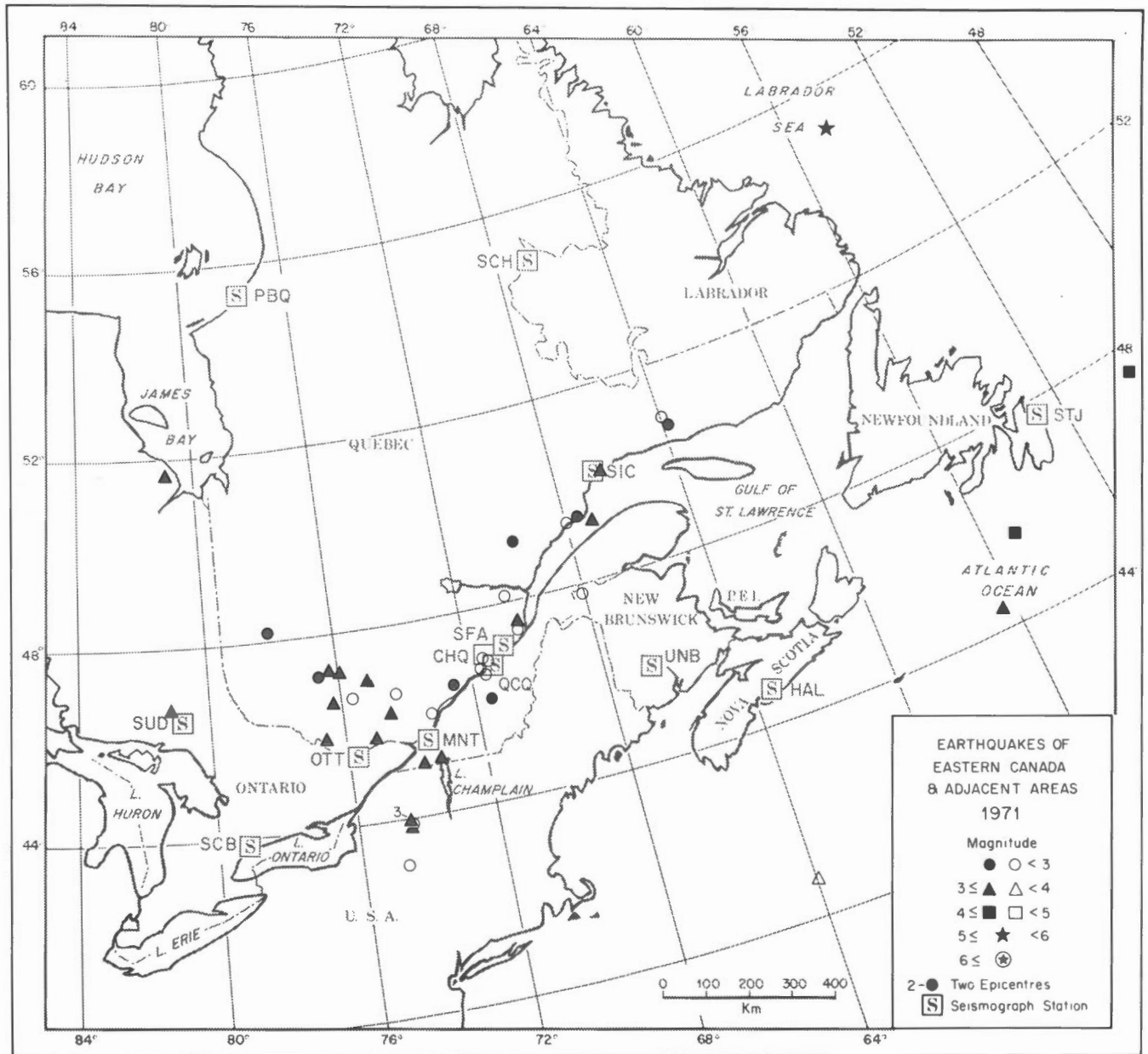


Figure 1. Earthquakes of Eastern Canada and adjacent areas - 1971

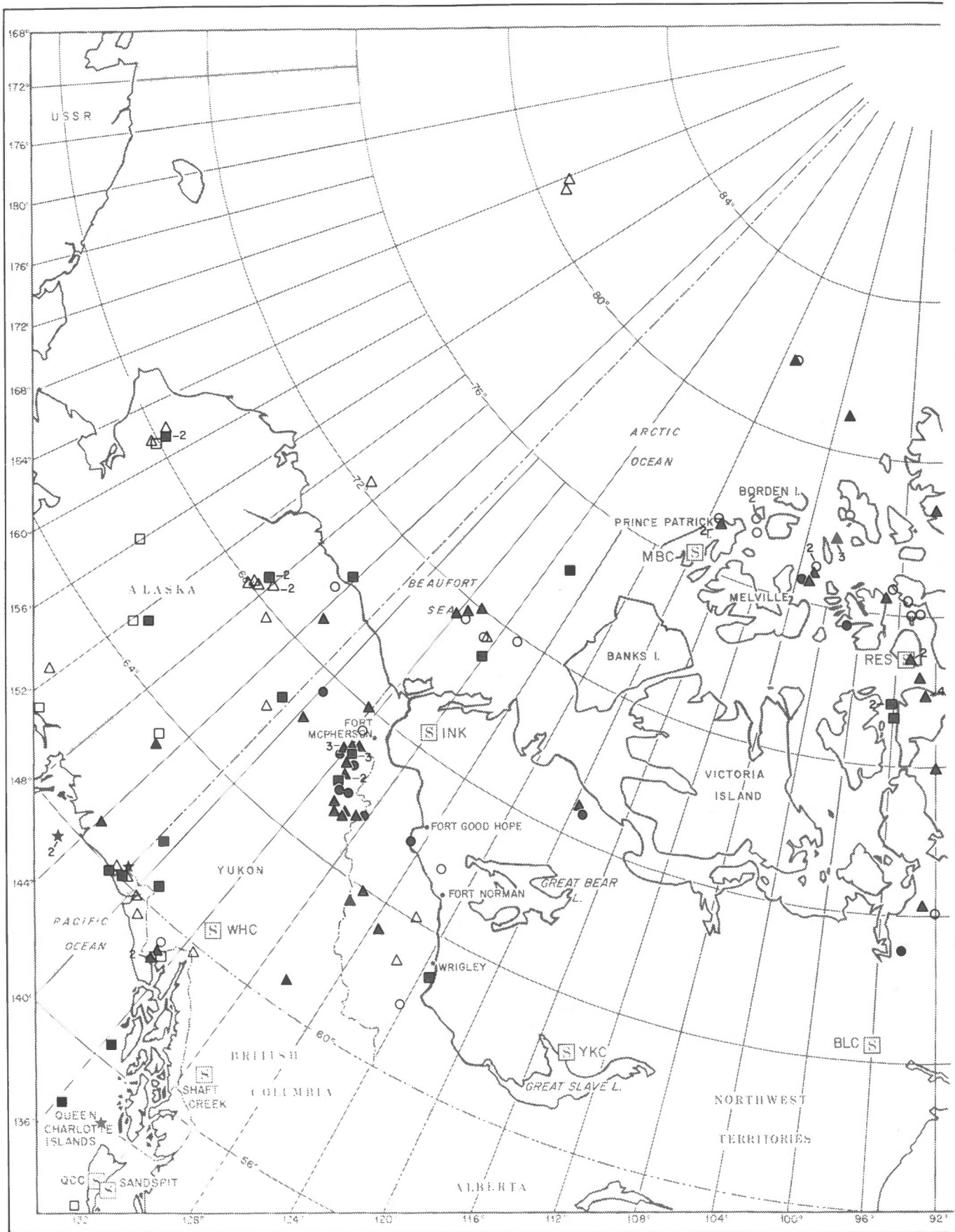
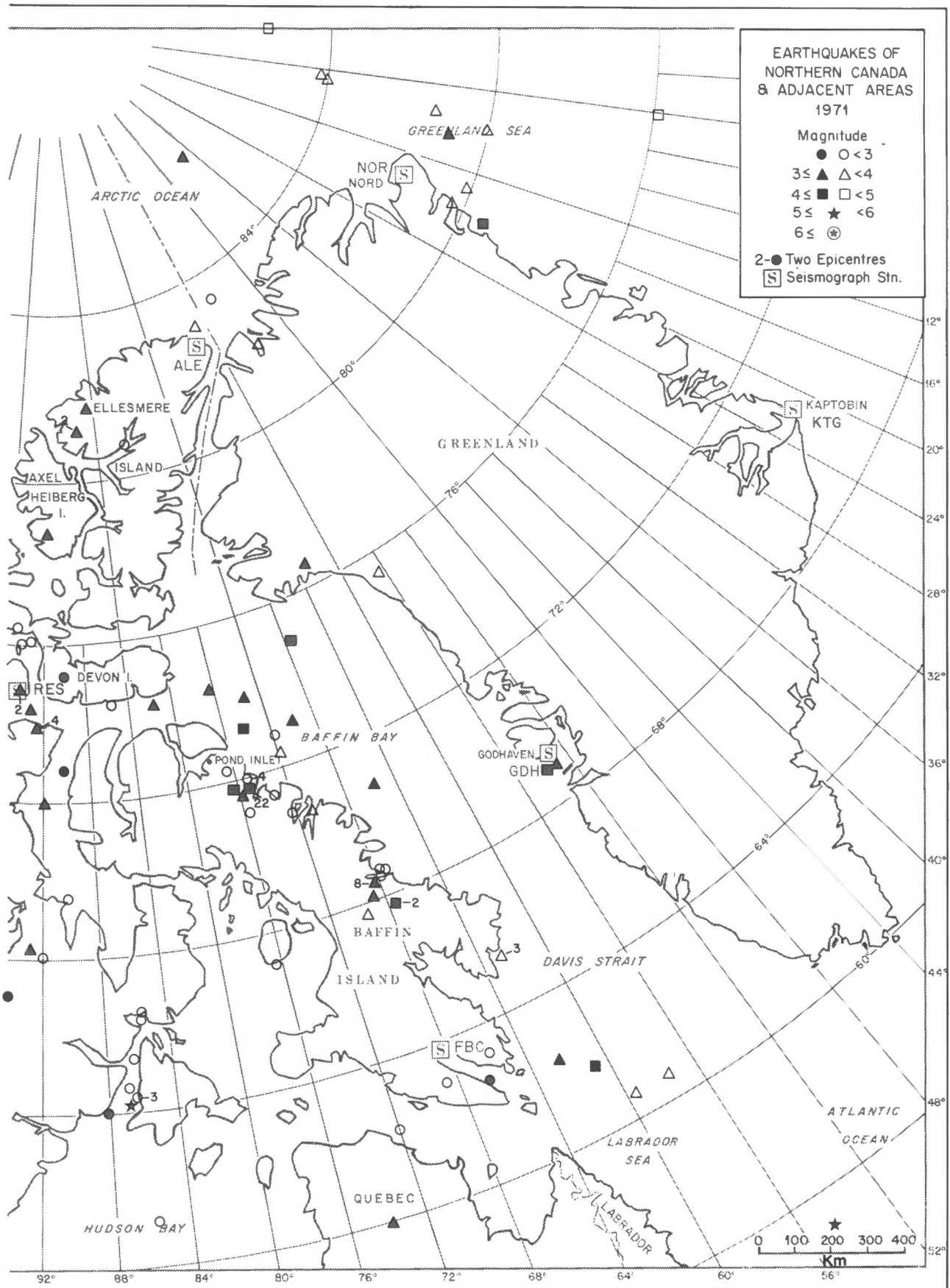


Figure 2. Earthquakes of Northern Canada and adjacent areas - 1971



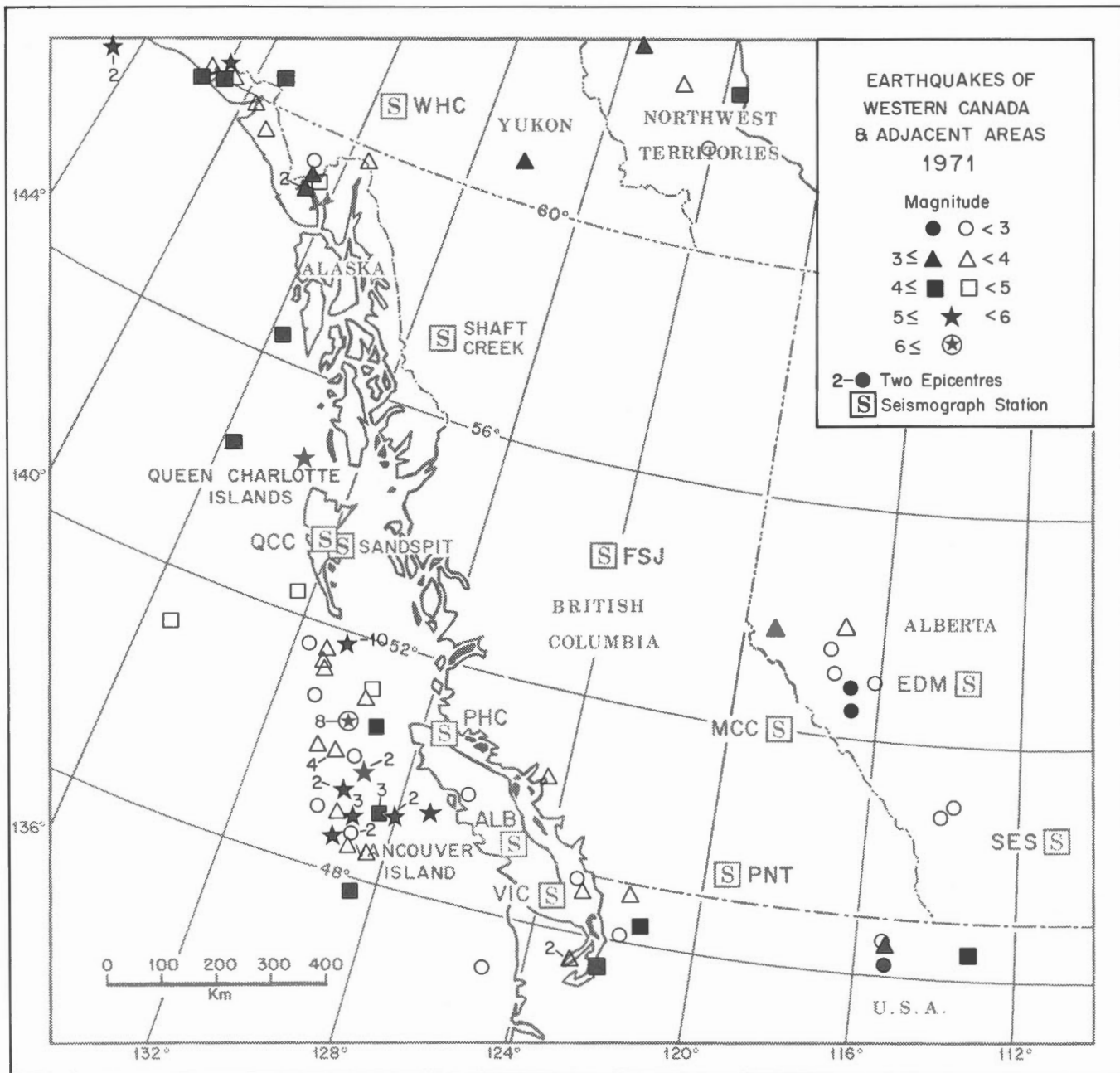


Figure 3. Earthquakes of Western Canada and adjacent areas - 1971

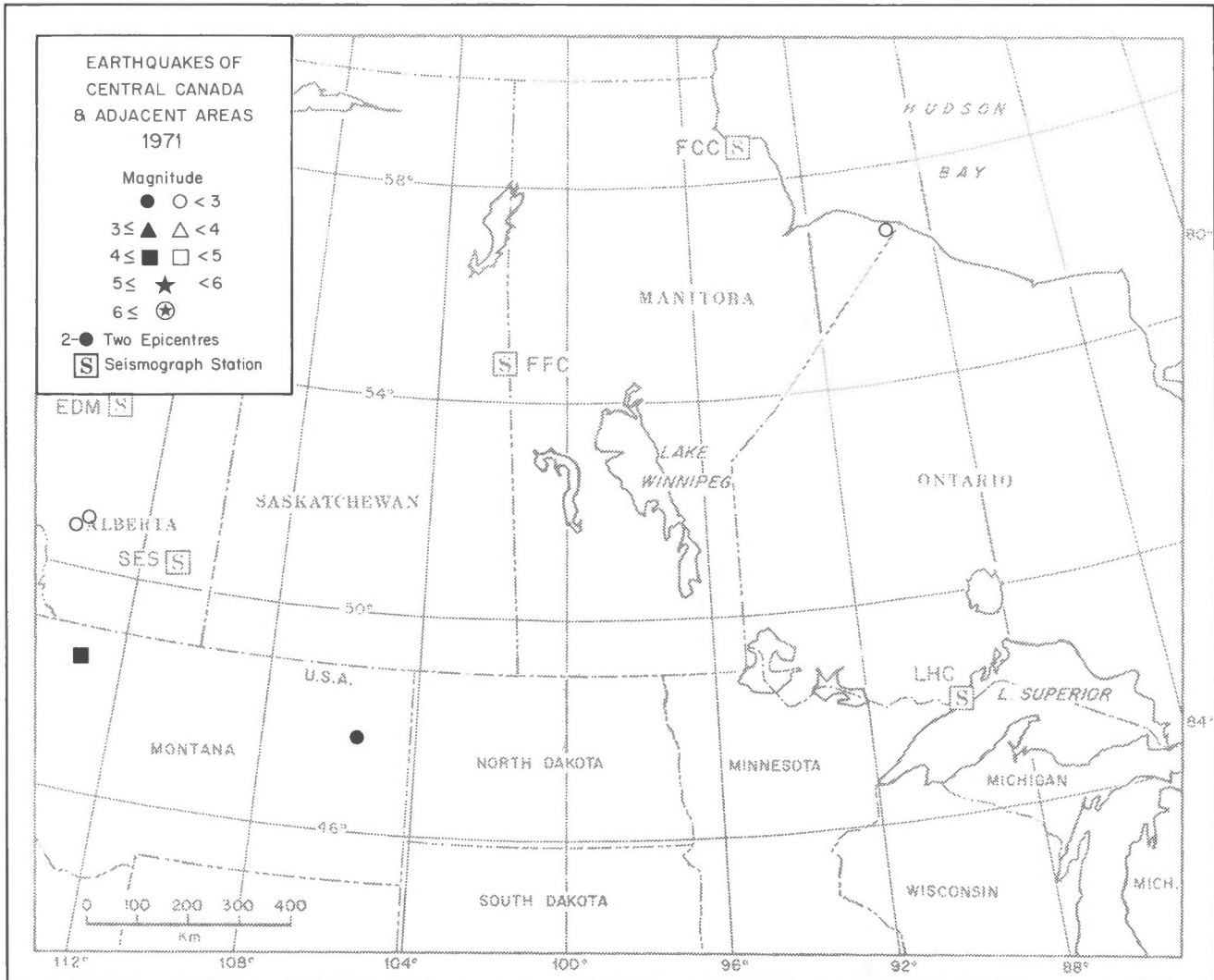


Figure 4. Earthquakes of Central Canada and adjacent areas - 1971

CANADIAN EARTHQUAKES — 1971

R.B. Horner, W.G. Milne and G.A. McMechan

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). Eastern, Northern and Central Region events have been analyzed by the Ottawa section of the EPB and Western Region events by the Victoria section of the EPB.

Earthquakes are listed in chronological order for each of the four regions of Canada

as shown in Fig. 5. 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.

The extension of the Canadian catalogue to include earthquakes offshore and into neighbouring countries is made for two reasons. Earthquakes near the international boundaries



Figure 5. The four regions of Canada

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 Network but for which epicentres have not been published by the International Seismological Centre (ISC) or the United States National Earthquake Information Service (NEIS) through May 1971 or the National Earthquake Information Centre (NEIC) from June 1971 to December 1971. The Canadian records are not systematically read for all such events. In addition, information on magnitude and felt area for some American events is obtained from United States Earthquakes 1971 (Coffman and von Hake, 1973).

Tables 1, 2, 3 and 4 list only located earthquakes, while Tables 5 to 21 list unlocated events or those recorded at only one station. Whenever possible an epicentral region for these events is suggested. These lists of unlocated events should not be considered complete. Regional detection of such events is very dependent on instrumental magnification, record quality, noise levels, etc. They are useful in indicating relative 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 $\pm 10\%$ of the calculated value.

Epicentres for earthquakes in the Eastern, Northern, Western and Central Regions are plotted in Figures 1, 2, 3 and 4, respectively. Epicentres for all earthquakes in Canada and adjacent areas during 1971 with magnitude 4 or greater are shown on one map of Canada (Fig. 7).

1. Epicentral Determination

Epicentral solutions are given in this catalogue for Eastern, Northern and Central Region earthquakes, 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:

$$\begin{array}{ll} P_1 - H = \Delta/6.20 & P_n - H = 5.60 + \Delta/8.2 \\ L_g - H = \Delta/3.57 & S_n - H = 9.84 + \Delta/4.7 \end{array}$$

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.

For the Western Region only, epicentres in most cases are located by drawing arcs as described in Canadian Earthquakes - 1966 (Stevens et al., 1972). They are not numerical solutions and no standard errors are given for origin time, latitude or longitude. In a few cases, numerical solutions have been calculated for Western Region earthquakes and standard errors are given.

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. For events in Eastern, Northern and Central Canada (numerical solutions) 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. For Western Region events (graphical solutions), a filled symbol is meant to indicate an estimated uncertainty of less than 20' of arc (about 40 km).

When available, solutions determined by the ISC and NEIS/NEIC are also given in the tables. This information is obtained from the 1971 ISC Bulletin, Vol. 1-12. Unless otherwise stated, these epicentres are calculated at a fixed model depth of 33 km. Unrestrained focal depths that result from these calculations should not, in general, be considered accurate; they are not likely more accurate than the general assumption of mid-crustal depths (18 km)

assumed in the Canadian epicentre determinations. The ISC and NEIS/NEIC do not calculate and 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 NEIS/NEIC have been recomputed, in most cases, using Canadian data augmented by P arrival times of foreign stations at distances less than 20° obtained from the ISC Bulletin. For earthquakes occurring outside Canada but within the areas shown in Fig. 5, only the ISC and/or NEIS/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 (Gutenberg and Richter, 1956) for California and by Nuttli (1973) for North America east of the Rocky Mountains, respectively. These scales have been applied to Canadian earthquakes as follows:

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

- 1) the epicentral distance is greater than 500 km,
- 2) the period of the maximum amplitude is less than 1.3 seconds (Nuttli derived his magnitude scale only for periods between 0.7 and 1.3 seconds).

For events in the Yukon large enough to be recorded beyond 500 km, m_N is calculated only at stations to the east on the Shield.

B) For earthquakes in the Cordillera (Western Region) or in any other region of Canada where m_N cannot be applied, M_L is calculated using the maximum short-period vertical amplitude of the S_1 or L_g if the following two conditions hold:

- 1) the epicentral distance is less than 600 km,
- 2) the period of the maximum amplitude is less than 2.0 seconds.

C) For earthquakes in oceanic areas such as the Beaufort Sea or Baffin Bay or where the propagation path includes a substantial section of oceanic crust or wherever L_g is not recorded, M_L is calculated from the maximum short-period amplitude of the S_n phase over the entire distance range. Because S_n amplitude attenuation is not adequately known, these magnitudes should be considered tentative. In such cases where L_g is absent and reliable m_b magnitudes have been calculated by NEIS/NEIC or ISC only their m_b values are usually given.

The standard deviation of one magnitude value is given in the tables of Eastern, Northern and Central Region earthquakes 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. 6 shows the 35 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 1971 Seismological Bulletin (Shannon et al., 1972).

The following international code letters are used as station abbreviations:

*ALB	Port Alberni, B.C.
ALE	Alert, N.W.T.
BLC	Baker Lake, N.W.T.
*CHQ ¹	Charlesbourg, P.Q.
EDM	Edmonton, Alta.
FBC	Frobisher, N.W.T.
FCC	Fort Churchill, N.W.T.
FFC	Flin Flon, Man.
FSJ	Fort St. James, B.C.
GWC	Great Whale River, P.Q.
*HAL ²	Halifax, N.S.

INK	Inuvik, N.W.T.	SFA	Seven Falls, P.Q.
LHC	Thunder Bay, Ont.	*SIC ⁶	Sept-Iles, P.Q.
MBC	Mould Bay, N.W.T.	STJ	Saint John's, Nfld.
*MCC	Mica Creek, B.C.	*SUD	Sudbury, Ont.
MNT	Montreal, P.Q.	*UNB ⁷	Fredericton, N.B.
OTT	Ottawa, Ont.	VIC	Victoria, B.C.
PHC	Port Hardy, B.C.	*WHC ⁸	Whitehorse, Y.T.
PNT	Penticton, B.C.	YKC	Yellowknife, N.W.T.
*QCC ³	Queen Charlotte City, B.C.		
*QCQ ⁴	Quebec, P.Q.		
RES	Resolute, N.W.T.		
SCB ⁵	Scarborough, Ont.		
SCH	Schefferville, P.Q.		
SES	Suffield, Alta.		

*Regional stations, short period vertical trace only.

¹ Commenced operation on November 11, 1971.

² Standard station closed March 16, 1971.

Regional station commenced operation on April 1, 1971.

³ Commenced operation on July 24, 1971.

⁴ Commenced operation on September 24, 1971.

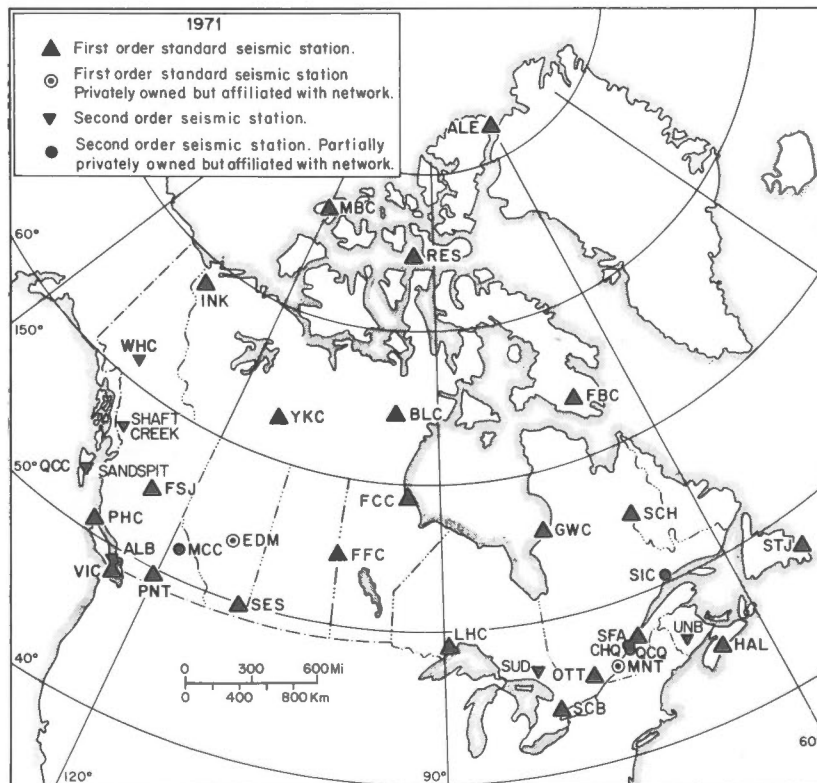


Figure 6. The Canadian Seismograph Network - 1971

- ⁵ Intermittent operation during 1971.
- ⁶ Poor quality records throughout the year.
- ⁷ Commenced operation on April 1, 1971.
- ⁸ Commenced operation on September 1, 1971.

In addition to those stations listed above, temporary Regional stations operated at SANDSPIT (53.25°N, 131.82°W) on the Queen Charlotte Islands from April 25, 1970 to July 23, 1971 and at SHAFT CREEK (57.35°N, 131.0°W) in northwestern British Columbia from June 1971 to December 1972.

The magnification levels of the short-period seismographs of the Canadian Seismograph Network during 1971 permitted detection of most events of magnitude $3\frac{1}{2}$ 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 1971

The seismic activity within each of the four Regions during 1971 is discussed below. A total of 856 earthquakes were detected and 367 of these located, 288 in Canada and 79 in adjacent areas of the United States and Greenland.

In Canada, 10 earthquakes were reported felt. These are summarized in Table 22. The modified Mercalli Intensity Scale of 1931 is used to classify reports of felt earthquakes.

Figure 7 shows 59 earthquakes of magnitude 4 or greater in Canada and adjacent areas in 1971, three off the east coast of Canada, 22 in the Northern Region and 34 in the Western Region. Most of these earthquakes occur 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.

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 46 earthquakes, 38 in Canada including three off the east coast (Table 1A) and 8 in the United States including one off the United States east coast (Table 1B). Epicentres for 44 events are plotted in Fig. 1, which also shows the Canadian seismograph stations in the area. The event of 26 Sept. 07^h GMT in northern Quebec is plotted in Fig. 2. The event of 21 Oct. 00^h GMT, reported felt in Massachusetts, was not instrumentally located and is not plotted. As well, three unlocated events occurring in the Eastern Region are listed in Tables 13 and 14.

Only minor seismic activity was recorded in the Eastern Region in 1971. In Canada the seismicity was confined mainly to the St. Lawrence Valley and to a zone in southwestern Quebec which runs northwest from the Montreal-Ottawa region. The widely-felt event of 18 Dec. 15^h GMT near Mont-Tremblant, Quebec, is described below. In the United States the earthquakes located near Blue Mountain Lake in New York State (Table 1B) represent the largest events in a swarm which began in May 1971. The largest event, magnitude m_N 3.7, on 23 May 06^h GMT was felt to distances of 80 km. For more information on this swarm see Sbar et al. (1972).

Six earthquakes were reported felt in eastern Canada in 1971 (see Table 22). The four most widely felt are discussed below.

TABLE 22

A Summary of Earthquakes Reported Felt in Canada during 1971

Date and Time (GMT)	Magnitude	Location*
25 Jan. 21:37	3.8	San Juan Islands, U.S. Felt in northwestern Washington State and in Victoria with intensity III - IV.
05 Feb. 07:33	5.5	South of Queen Charlotte Islands. Felt at Sandspit and Cape St. James.
14 May 06:20	3.2	South of Montreal, Quebec. Felt over small area around Lacolle. Maximum intensity IV.
15 Jul. 00:24	5.3	Northwest of Queen Charlotte Islands. Felt on the Queen Charlotte Islands and in southwestern Alaska.
27 Sep. 08:47	3.2	Ottawa Valley near Thurso, Quebec. Felt to distances of about 50 km. Maximum intensity IV.
02 Oct. 03:19	5.1	Southampton Island in northern Hudson Bay. Felt at Coral Harbour (III) and Chesterfield Inlet.
03 Nov. 05:33	3.2	North shore St. Lawrence. Felt in Sept-Iles and vicinity. Maximum intensity IV.
21 Nov. 13:17	2.2	St. Lawrence Valley north of Trois-Rivières, Quebec. Felt slightly with intensity III.
23 Nov. 16:32	3.0	Ottawa Valley near Campbells Bay, Quebec. Felt to distances of about 65 km. Maximum intensity IV.
18 Dec. 15:36	3.9	Southwestern Quebec near Mont-Tremblant. Felt to distances of 160 km. Maximum intensity V. Slight damage.

*See Text and Figures 8 to 11 for more information.

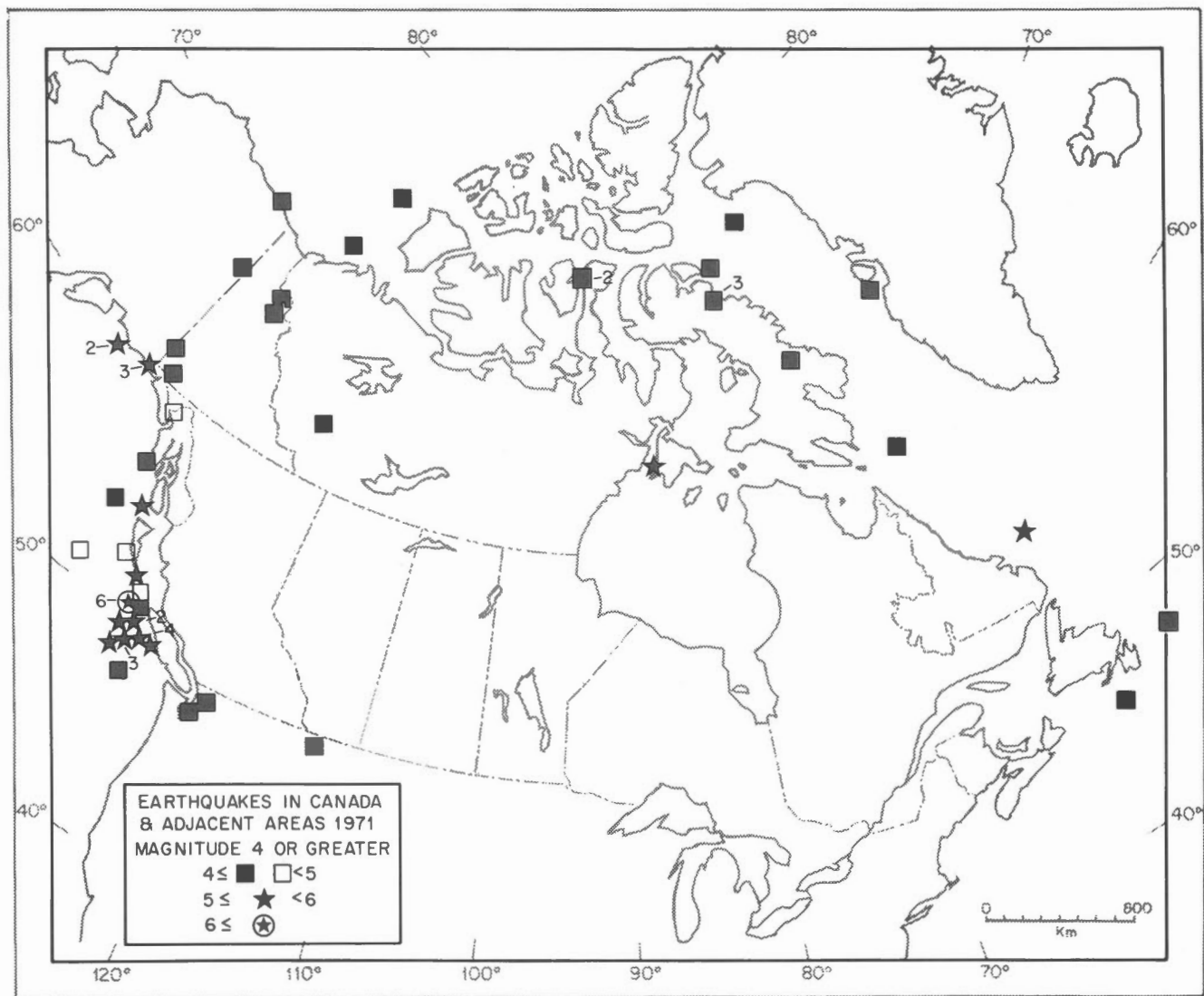


Figure 7. Earthquakes in Canada and adjacent areas during 1971 with magnitude 4 or greater

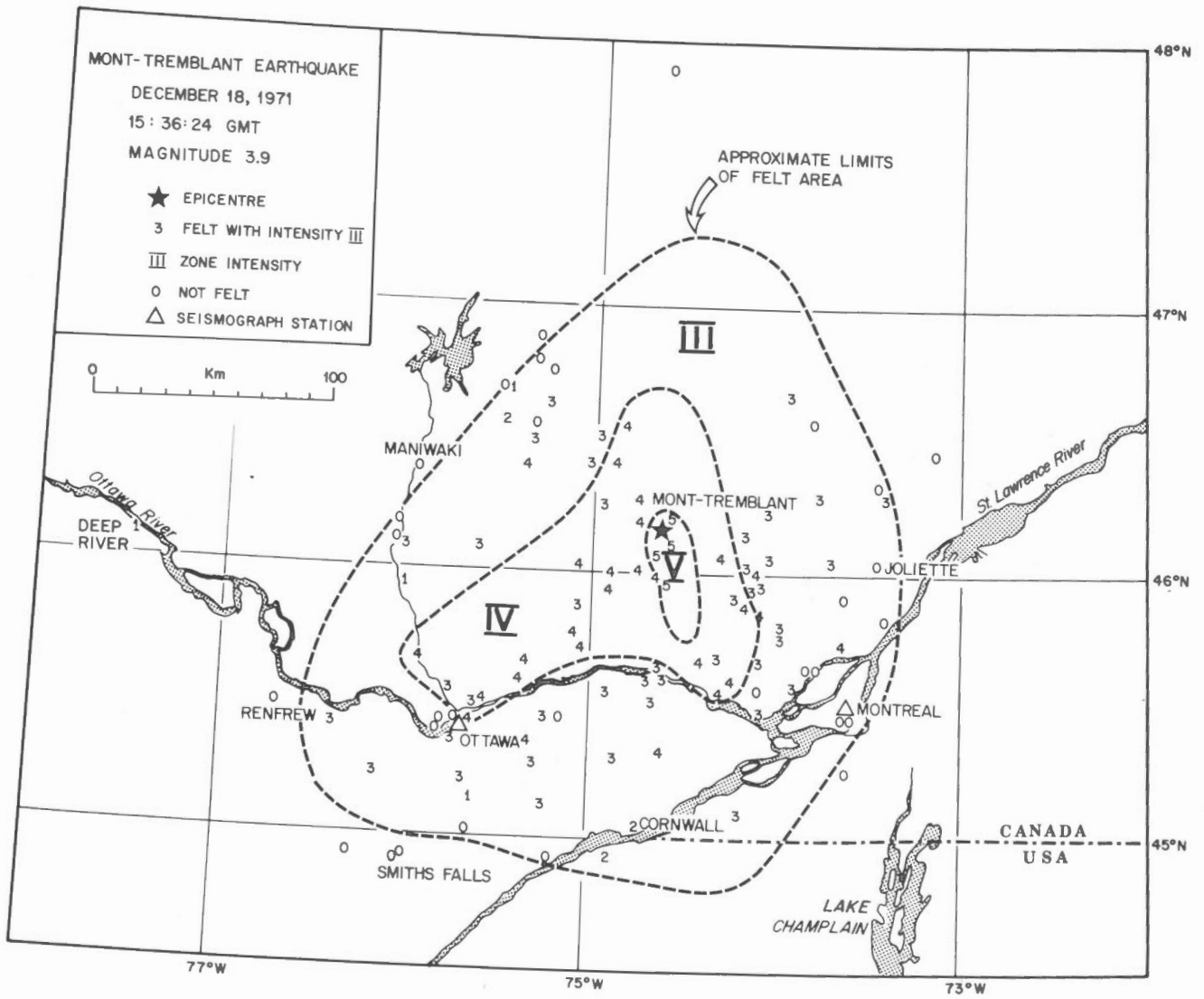


Figure 8. Isoseismal map of the Mont-Tremblant, Quebec, earthquake of December 18, 1971 (compiled by G. Leblanc)

1) The Mont-Tremblant, Quebec, earthquake of 18 Dec. 15^h GMT (10^h EST), magnitude m_N 3.9, was located approximately 100 km northwest of Montreal. The isoseismal map shown in Fig. 8 was compiled by G. Leblanc of the EPB. Little information was available from north of the epicentre due to the small population. The earthquake was felt over an area of approximately 50,000 km² covering parts of southwestern Quebec, southeastern Ontario and the northeastern United States. The maximum radius of perceptibility was about 160 km. Intensity V effects were observed at Brébeuf, Ste-Agathe, St-Michel, St-Rémi and St-Jovite. These localities reported slight damage in the form of broken windows and displaced furniture (Leblanc and Stevens, 1972). This zone of intensity V appears to be elongated

in a north-south direction.

2) The Ottawa Valley earthquake of 27 Sept. 08^h GMT (04^h EDT), magnitude m_N 3.2, was located northeast of Ottawa, approximately 15 km northeast of Thurso, Quebec. Reported intensities are shown in Fig. 9. No information was received from north of the epicentre. To the south the event was felt with intensities of III to IV to distances of about 50 km. The shock was strong enough to awaken people and rattle objects but no damage was reported.

3) The Ottawa Valley earthquake of 23 Nov. 16^h GMT (11^h EST), magnitude M_L 3.0, was located near Campbells Bay, Quebec, approximately 90 km west of Ottawa. The intensities

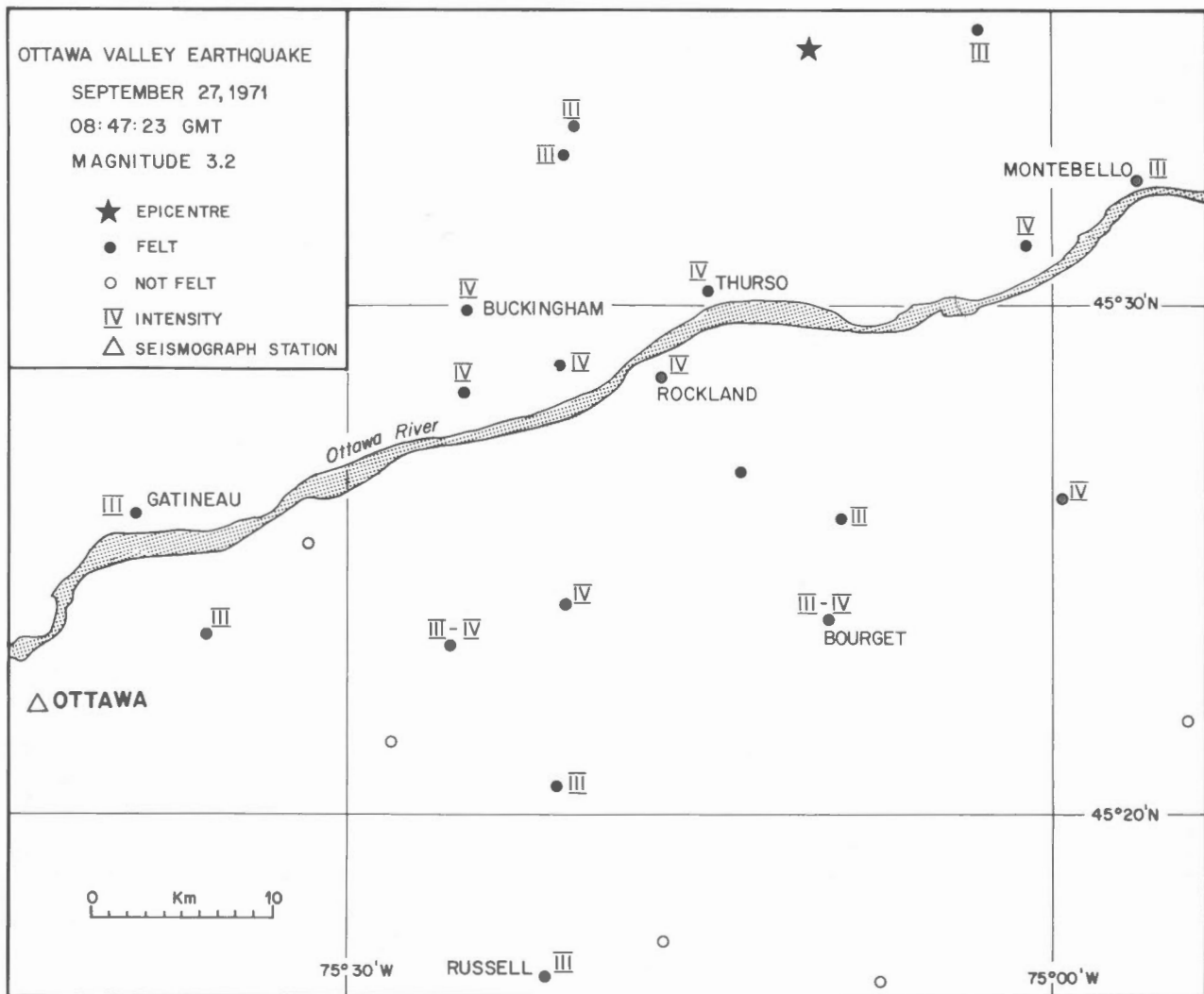


Figure 9. The Ottawa Valley earthquake of September 27, 1971

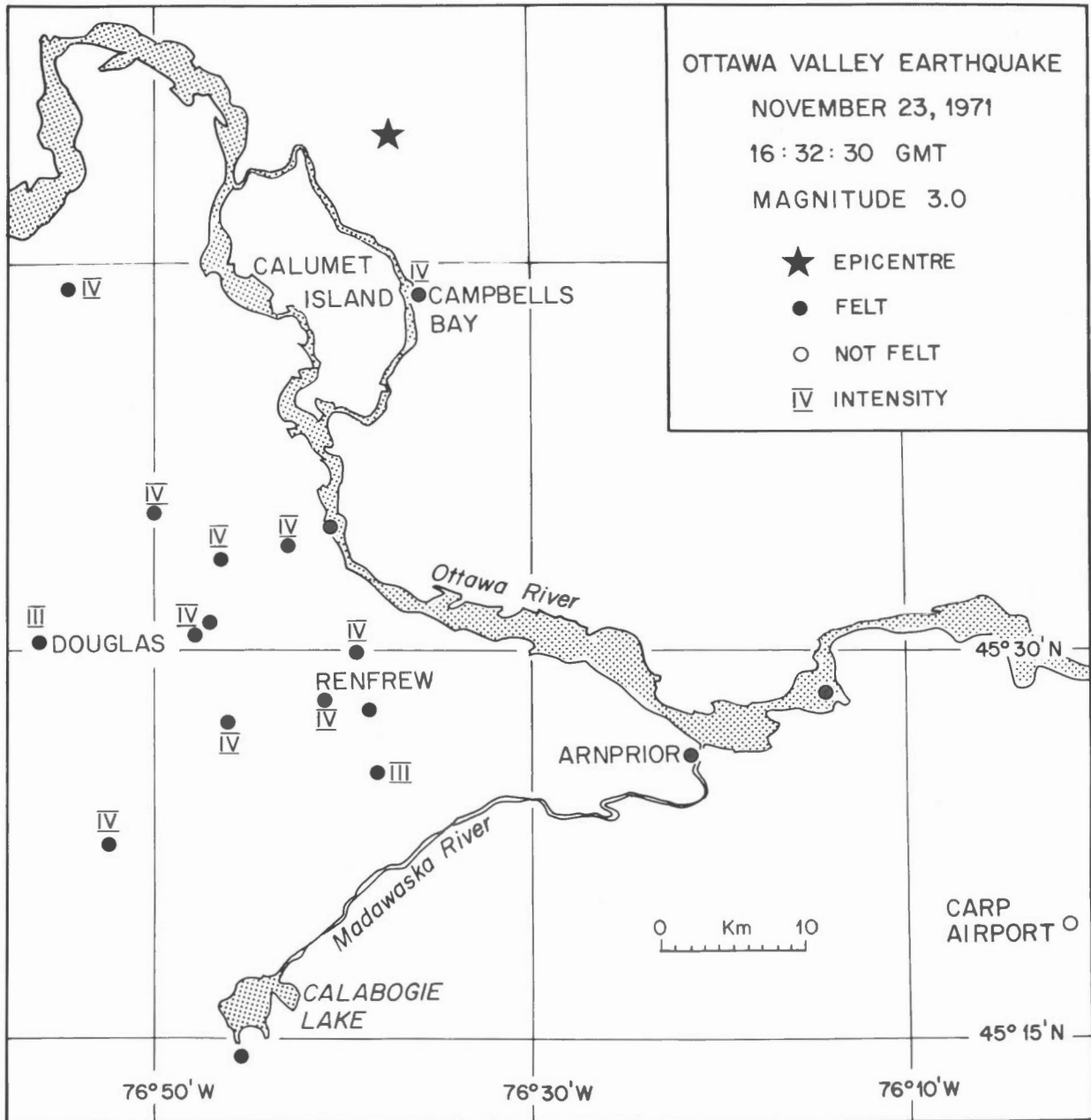


Figure 10. The Ottawa Valley earthquake of November 23, 1971
 (compiled by A.E. Stevens)

reported for this event and shown in Fig. 10 were compiled by A.E. Stevens of the EPB. No information was received from north of the epicentre. To the south the event was reported felt to distances of about 65 km with intensities of III to IV. No damage was reported (with the exception of one woman who reported that the earthquake had caused her cake to fall in the oven!).

4) The southern Quebec earthquake of 14 May 06^h GMT (02^h EDT), magnitude m_N 3.2, was located near Lacolle, Quebec, approximately 50 km southeast of Montreal (Fig. 11). Intensities of III to IV were reported to distances of about 15 km from the epicentre. The shock awakened people but caused no damage.

2. Northern Region

The Northern Region lies north of 60°N and

extends west into Alaska to 145°W and east into Greenland. Twenty-two events west of 145°W are included since they were located by the Canadian Network and epicentres had not been published by the NEIS/NEIC or the ISC.

Table 2 lists 226 earthquakes, 177 in Canada, 32 in Alaska (Table 2B) and 17 in Greenland (Table 2C). Epicentres for these events are plotted in Fig. 2, which also shows the seismograph stations in the Region. In addition, 319 unlocated events are listed by station in chronological order in Tables 5 to 12. Several of these earthquakes are associated with larger located events and, whenever possible, an epicentral region is suggested.

The areas of highest seismic activity in the Northern Region in 1971 were the northern Yukon Territory and the east coast of Baffin Island near Home Bay and Buchan Gulf. In

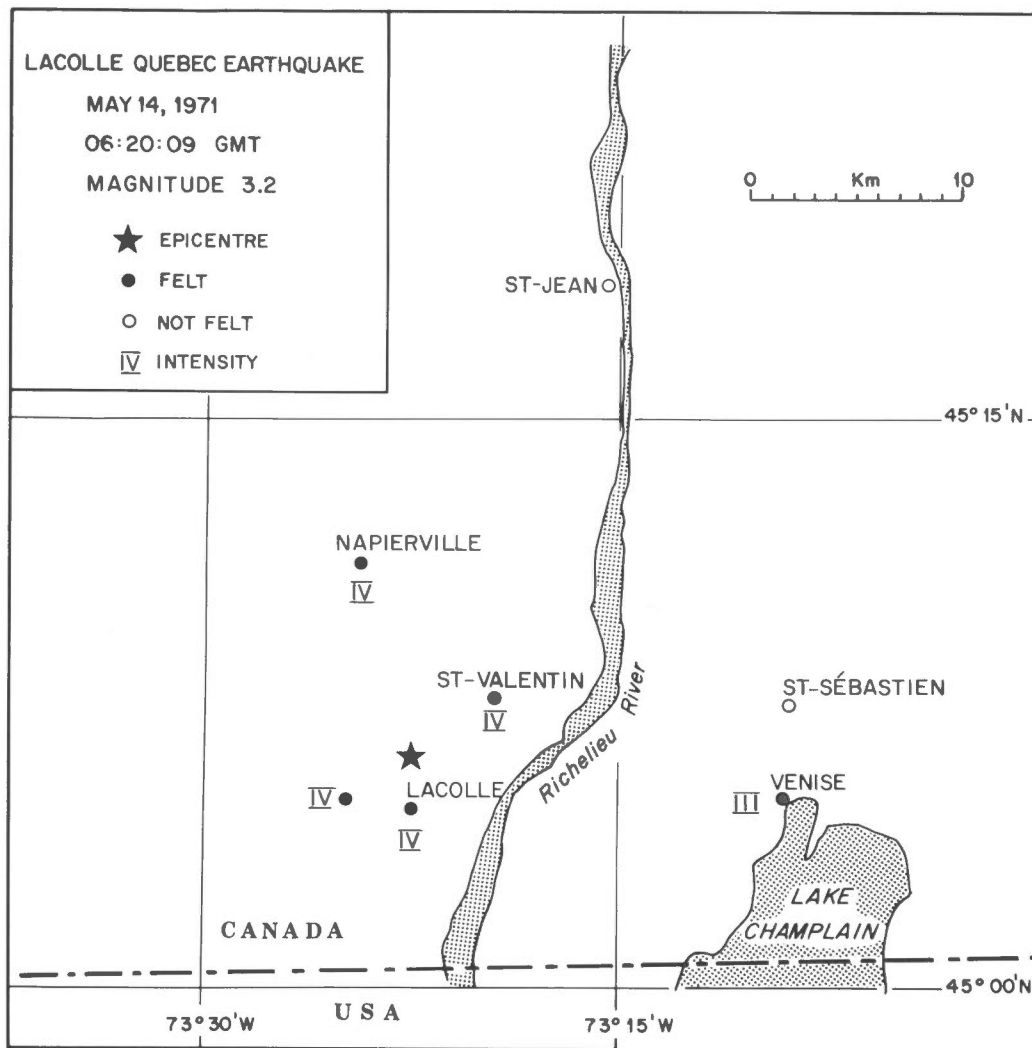


Figure 11. The Lacolle, Quebec, earthquake of May 14, 1971

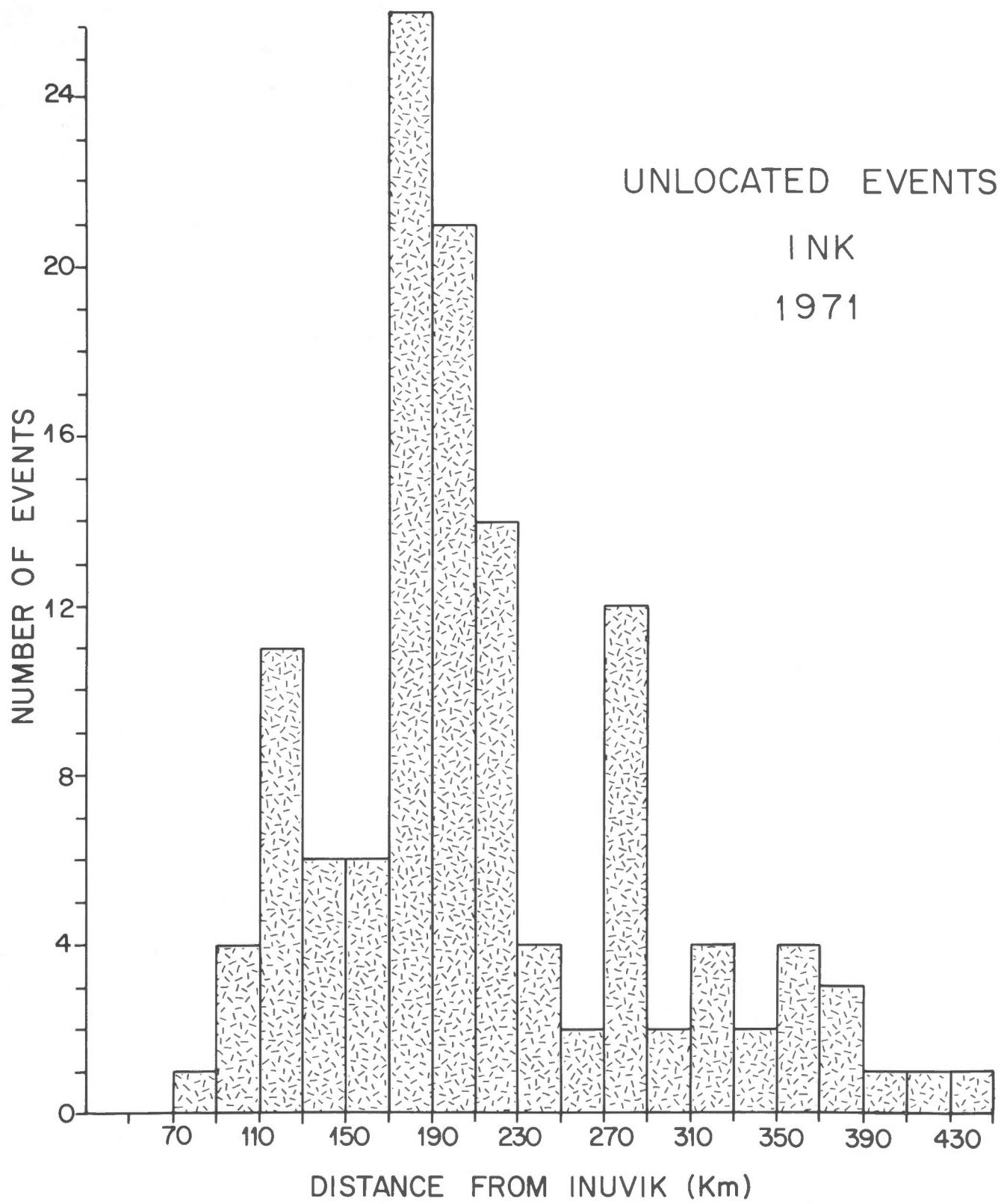


Figure 12. Histogram of unlocated events recorded at INK during 1971

Buchan Gulf a series of 25 events occurred between 16 Jan. and 23 Jan., the largest on 16 Jan. 23^h GMT having magnitude m_N 4.2. In the northern Yukon Territory only two events were larger than magnitude 4; m_N 4.1 on 4 Mar. 13^h GMT and M_L 4.2 on 21 Nov. 13^h GMT. Elsewhere in the Northern Region seismicity was scattered through the Arctic Islands, Baffin Bay, southern Davis Strait, the Beaufort Sea, the area just west of the Mackenzie River south of 65°N, and from Southampton Island in northern Hudson Bay along the Boothia Peninsula to Resolute. A magnitude m_N 3.9 event on Cornwallis Island on 17 Mar. 16:47 GMT was followed by 51 aftershocks, 50 of which were recorded only at RES (see Table 9). All of the aftershocks had magnitudes less than M_L 2. Two magnitude m_N 4.0 earthquakes, 27 June 03^h GMT and 24 July 22:25 GMT, occurred on the northwest coast of Somerset Island about 120 km south of Resolute. Both events were followed by two small aftershocks (see Table 9).

The two largest shocks in the Northern Region, magnitude m_b 5.8 on 26 Mar. 17^h GMT and magnitude m_N 5.1 on 2 Oct. 03^h GMT, were located on the border of southwestern Yukon Territory and Alaska and on the west coast of Southampton Island in northern Hudson Bay, respectively. The event of 25 March was reported felt at Yakutat, Alaska, with intensity IV at an epicentral distance of about 110 km. The Southampton Island earthquake was reported felt at Coral Harbour with intensity III and also at Chesterfield Inlet at distances of approximately 160 km and 230 km, respectively. Hashizume (1974) using the Rayleigh wave amplitude spectra produced by the Southampton Island earthquake estimated its focal depth to be 21 km. Hashizume also suggested the focal mechanism to be a thrust fault type with the maximum compressional direction nearly NE-SW. See Hashizume (1972) for more details.

Again this year as in 1969 and 1970 (Horner et al., 1974 and 1975) a large number of unlocated events were recorded at INK (see also Wetmiller, 1976a and b). Table 5 lists 138 unlocated events at INK in 1971. The distance range is from 82 to 885 km and most with magnitude less than 3. One hundred and twenty-five of these events lie between 70 and 450 km from INK. The frequency histogram as a function of distance is shown in Fig. 12. The events are grouped by 20 km intervals to show as much detail as possible within the accuracy of the calculated distances. In Fig. 12, 61 of the 125 events, about $\frac{1}{2}$, originate at distances of 170 to 230 km from INK. This distance range corresponds to that of the cluster of located events in the northern

Yukon Territory southwest of Ft. McPherson (Fig. 2).

The seismograph station at Whitehorse, Yukon Territory, commenced operation on September 1, 1971. This greatly improved the detection and location capability of events in the Yukon, particularly in the southwestern Yukon near the Alaskan border. Table 6 lists 25 unlocated events at WHC during the last four months of 1971. All of these events are magnitude 3 or less and their distance range varies from 142 to 358 km. Fourteen of these events were also recorded at Shaft Creek in northwestern British Columbia. In Fig. 2 most of the events within about 350 km of WHC are located to the west or southwest. This is a probable source region for most of the unlocated events at WHC as well.

3. Western Region

The Western Region lies west of 113°W and includes Canada and Alaska east of 143°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 which 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. Some of the unlocated events recorded at VIC may also originate in the United States.

Table 3 lists 93 earthquakes, 72 in Canada (Table 3A) and 21 in the United States (Table 3B). Epicentres for these events are plotted in Fig. 3, which also shows the Canadian seismograph stations in the area. In addition, 167 unlocated events are listed by station in chronological order in Tables 15 to 21.

The most seismic region in western Canada continued to be west of Vancouver Island. Two shocks, magnitude M_S 6 or greater, were detected during 1971. The first, on 13 March 23^h GMT, had magnitudes M_S 6.1, m_b 5.7; and the second on 5 Dec. 5^h GMT, had magnitudes M_S 6.0, m_b 5.5 and M_L 5.2 (Table 3A). This latter shock was the largest in a series of events which began in mid-November. Several events in this series were recorded only at PHC (Table 18).

Three events were reported felt in western Canada in 1971 (Table 22). The event of Jan. 25 21^h GMT (13^h PST), M_L 3.8, located in the San

Juan Islands was felt in northwestern Washington State and in a few districts on Vancouver Island; intensities of III-IV were reported in Victoria. The event of 5 Feb. 7^h GMT (4 Feb. 23^h PST), m_b 5.1, M_s 5.7, located off the southern tip of the Queen Charlotte Islands was reported felt at Cape St. James and Sandspit on the Queen Charlotte Islands. The event of 15 July 00^h GMT (14 July, 18^h PDT), magnitude M_L 5.3, located northwest of the Queen Charlotte Islands was reported felt at Port Clements, Queen Charlotte City and Masset, and at Sitka and Ketchikan in Alaska.

Over 200 earthquakes were reported felt in the Flathead Lake region of northwestern Montana during 1971 (Coffman and von Hake, 1973). In this catalogue only the four events located north of 47°N in Montana are listed (Table 3B).

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 events, one in Canada (Table 4A) and one in northeastern Montana with a previously unpublished epicentre. Epicentres for these two events are plotted in Fig. 4 which also shows the Canadian seismograph stations in the area.

V. REVISIONS

The events of 24 Nov. 21^h GMT and 30 Nov. 14^h GMT in Canadian Earthquakes 1969 (Horner et al., 1974) are misplotted in Fig. 2. They should be 5 degrees further south. The epicentres listed in Table 2 of the 1969 catalogue are correct.

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TABLE 1
EARTHQUAKES OF EASTERN CANADA AND ADJACENT AREAS
1971
(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

A. CANADIAN EPICENTRES

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
JAN 6	06 22 08.(1)	47.17 N(0.02)	75.96 W(0.04)	1.2	MN=3.0(0.2)	6	9	2	F
	BASKATONG RESERVOIR IN SOUTHWESTERN QUEBEC								
JAN 19	13 44 25.(1)	46.92 N(0.03)	75.18 W(0.06)	2.0	MN=3.1(0.2)	7	14	3	F
	SOUTHWESTERN QUEBEC, NORTHEAST OF MONT-LAURIER								
JAN 19	20 01 36.(1)	49.21 N(0.08)	69.80 W(0.19)	1.8	MN=2.4()	3	6	1	F
	NORTH SHORE ST LAWRENCE WEST OF BAIE-COMEAU QUEBEC								
JAN 26	13 25 31.(0)	49.30 N(0.00)	67.97 W(0.01)	0.1	MN=2.9()	3	4	1	O
	NEAR BAIE-COMEAU QUEBEC								
FEB 5	23 40 54.(1)	48.20 N(0.03)	78.03 W(0.04)	1.3	MN=2.7(0.1)	7	9	4	F
	SOUTHWESTERN QUEBEC NEAR VAL-D'OR								
FEB 7	18 59 26.(1)	49.38 N(0.05)	67.58 W(0.12)	1.3	MN=2.9(0.1)	5	7	4	F
	NORTH SHORE ST LAWRENCE EAST OF BAIE-COMEAU QUEBEC								
FEB 8	08 10 01.(4)	47.79 N(0.21)	68.07 W(0.35)	2.4	MN=2.4()	4	7	1	O
	NORTHWESTERN NEW BRUNSWICK, NORTH OF EDMUNSTON								
MAR 17	22 19 50.(1)	47.16 N(0.03)	76.63 W(0.09)	1.2	MN=2.7(0.0)	5	6	2	F
	CABONGA RESERVOIR IN SOUTHWESTERN QUEBEC								
MAR 26	03 04 51.(1)	46.76 N(0.08)	71.68 W(0.10)	1.7	ML=1.9(0.0)	4	5	2	O
	SOUTHWEST OF QUEBEC CITY								
MAR 26	09 11 10.(2)	46.63 N(0.13)	71.57 W(0.17)	2.5	ML=1.9(0.0)	4	5	2	O
	SOUTHWEST OF QUEBEC CITY								
MAR 27	16 34 03.(1)	46.89 N(0.05)	71.41 W(0.06)	1.0	ML=1.7()	4	5	1	O
	NORTHWEST OF QUEBEC CITY								
MAR 31	22 01 33.(1)	46.97 N(0.09)	71.55 W(0.10)	1.9	ML=1.7()	4	5	1	O
	NORTHWEST OF QUEBEC CITY								
APR 14	12 53 59.(5)	50.84 N(0.17)	63.96 W(0.26)	1.8	MN=2.7(0.3)	3	5	2	O
	NORTH SHORE ST LAWRENCE EAST OF SEPT-ILES								
MAY 14	06 20 09.(1)	45.10 N(0.04)	73.37 W(0.07)	2.5	MN=3.2(0.1)	9	12	5	F
	SOUTH OF MONTREAL QUEBEC. REPORTED FELT TO DISTANCES OF 15 KM FROM THE EPICENTRE LOCATED NEAR LACOLLE. MAXIMUM INTENSITY IV. NO DAMAGE. SEE FIGURE 11.								
MAY 19	20 00 03.(2)	50.64 N(0.07)	63.81 W(0.18)	1.8	MN=2.9(0.2)	3	7	2	F
	NORTH SHORE ST LAWRENCE EAST OF SEPT-ILES								
JUN 11	10 33 10.(1)	45.70 N(0.06)	55.05 W(0.08)	1.9	ML=4.2()	7	13	1	F
	GRAND BANKS, SOUTH OF NEWFOUNDLAND								
JUN 21	01 35 21.(1)	44.40 N(0.09)	56.33 W(0.07)	1.1	ML=3.6(0.2)	4	6	4	F
	ATLANTIC OCEAN SOUTH OF NEWFOUNDLAND								
JUN 27	12 22 30.(0)	46.05 N(0.02)	73.41 W(0.03)	0.4	ML=2.2(0.3)	3	5	3	O
	NORTH OF MONTREAL NEAR JOLIETTE QUEBEC								
JUL 6	17 47 49.(1)	46.55 N(0.02)	76.28 W(0.03)	0.6	MN=3.0()	5	7	1	F
	SOUTHWESTERN QUEBEC, NORTHWEST OF MANIWAKI								

DATE 1971	M-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
JUL 9	05 05 26 (1)	46.74 N(0.02)	81.20 W(0.05)	0.7	MN=3.1(0.1)	5	9	3	F
		NORTHWEST OF SUDBURY ONTARIO							
AUG 12	22 02 20. (2)	48.14 N(0.13)	70.46 W(0.21)	1.4	ML=2.4(0.3)	4	4	2	0
		NORTH OF LA MALBAIE QUEBEC							
AUG 15	06 17 15. (0)	47.46 N(0.07)	49.53 W(0.05)	2.0	MB=4.8	81	81	9	F
ISC	06 17 16.	47.4 N	49.4 W		MB=4.6			6	
NEIC		ATLANTIC OCEAN APPROX. 270 KM EAST OF SAINT JOHN'S							
AUG 20	01 20 09. (3)	46.62 N(0.09)	75.68 W(0.12)	0.8	ML=2.2(0.4)	3	4	3	0
		SOUTHWESTERN QUEBEC NEAR MONT-LAURIER							
SEP 12	08 31 43. (1)	47.56 N(0.05)	70.24 W(0.09)	2.2	MN=3.2()	6	8	1	F
		NEAR LA MALBAIE QUEBEC							
SEP 15	22 32 19. (1)	46.57 N(0.06)	74.38 W(0.06)	0.7	ML=2.4(0.4)	3	4	3	0
		NORTHWEST OF MONTREAL QUEBEC							
SEP 26	07 01 06. (1)	59.95 N(0.03)	73.67 W(0.09)	3.1	MN=3.9(0.2)	14	33	13	F
ISC	07 01 06. (1)	59.87 N(0.08)	73.8 W(0.17)	2.4		10	10	0	
NEIC	07 01 06.	59.9 N	73.7 W		MB=3.9			2	
		NORTHERN QUEBEC (PLOTTED IN FIGURE 2)							
SEP 27	08 47 23. (0)	45.71 N(0.02)	75.17 W(0.02)	1.0	MN=3.2(0.1)	11	17	2	F
		NORTHEAST OF THURSO QUEBEC, APPROX. 55 KM NORTHEAST OF OTTAWA. REPORTED FELT TO DISTANCES OF 50 KM. MAXIMUM INTENSITY IV. NO DAMAGE. SEE TEXT AND FIGURE 9.							
OCT 13	02 38 59. (1)	51.65 N(0.03)	80.90 W(0.05)	1.8	MN=3.4(0.1)	10	12	9	F
		SOUTH COAST OF JAMES BAY NEAR MOOSONEE							
OCT 27	07 13 24. (1)	49.23 N(0.04)	67.13 W(0.09)	2.3	MN=3.0(0.2)	8	10	4	F
		ST LAWRENCE RIVER EAST OF BAIE-COMEAU							
NOV 3	05 53 49. (2)	50.17 N(0.05)	66.42 W(0.15)	2.3	MN=3.2(0.2)	7	9	5	F
		NORTH SHORE ST LAWRENCE. FELT IN SEPT-ILES QUEBEC AND VICINITY. MAXIMUM INTENSITY IV.							
NOV 15	07 17 49. (0)	47.40 N(0.00)	70.29 W(0.00)	0.0	ML=1.2(0.1)	3	3	3	0
		NEAR LA MALBAIE QUEBEC							
NOV 15	10 38 55. (1)	45.06 N(0.07)	73.87 W(0.04)	1.6	MN=3.0(0.1)	8	15	3	F
		SOUTHWEST OF MONTREAL ON THE CANADA-UNITED STATES BORDER							
NOV 21	13 17 42. (0)	46.55 N(0.03)	72.60 W(0.04)	0.2	ML=2.2(0.4)	4	8	4	F
		NORTH OF TROIS-RIVIERES QUEBEC. REPORTED FELT WITH MAXIMUM INTENSITY III.							
NOV 22	05 29 07. (1)	47.24 N(0.03)	76.28 W(0.03)	1.0	ML=3.0(0.2)	7	8	6	F
		CABONGA RESERVOIR IN SOUTHWESTERN QUEBEC							
NOV 23	16 32 30. (1)	45.83 N(0.06)	76.62 W(0.06)	1.9	ML=3.0(0.4)	8	9	6	F
		NEAR CAMPBELLS-BAY QUEBEC APPROX. 85 KM WEST OF OTTAWA. REPORTED FELT TO DISTANCES OF 65 KM FROM THE EPICENTRE. MAXIMUM INTENSITY IV. NO DAMAGE. SEE TEXT AND FIGURE 10.							
DEC 7	12 04 18. (1)	55.09 N(0.03)	54.51 W(0.07)	1.0	ML=5.6(0.2)	6	9	2	F
ISC	12 04 19. (0)	55.05 N(0.02)	54.45 W(0.02)	1.2	MB=5.4	191	191	40	
NEIC	12 04 20.	55.1 N	54.4 W	0.9	MB=5.4	108	108	29	
NEIC					MS=5.3			2	
		ISC DEPTH = 25 +/- 2 KM LABRADOR SEA							
DEC 18	15 36 24. (1)	46.18 N(0.03)	74.62 W(0.04)	2.4	MN=3.9(0.3)	23	36	9	F
ISC	15 36 23. (0)	46.08 N(0.03)	74.58 W(0.05)	1.1		17	17	0	
NEIC	15 36 24.	46.0 N	74.7 W	0.8	MB=3.7	14	14	2	
		ISC AND NEIC DEPTH RESTRICTED TO 19 KM NEAR MONT-TREMBLANT QUEBEC. FELT OVER AN AREA OF APPROX. 50,000 SQ KM WITH A MAXIMUM RADIUS OF PERCEPIBILITY OF 160 KM. MAXIMUM INTENSITY V. SLIGHT DAMAGE. SEE TEXT AND FIGURE 8.							

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 27	17 29 54.(1)	46.12 N(0.04)	71.54 W(0.04)	1.6	MN=2.8(0.1)	7	12	2	F
	SOUTH OF QUEBEC CITY								
8. UNITED STATES EPICENTRES									
MAY 21	04 48 24.(4)	40.72 N(0.21)	63.98 W(0.17)	1.7	ML=3.5(0.1)	3	6	2	0
	ATLANTIC OCEAN SOUTH OF HALIFAX								
MAY 23	06 24 27.(0)	43.82 N(0.03)	74.54 W(0.03)	1.4	MN=3.7(0.2)	13	25	5	F
NEIS	06 24 26.	43.88 N	74.49 W			14	18	0	
ISC	06 24 30.(1)	44.00 N(0.07)	74.4 W(0.11)	2.9		18	18	0	
PAL					ML=3.9				
	NEIS AND EPB DEPTH RESTRICTED TO 1 KM ISC DEPTH = 43 +/- 26 KM NEW YORK STATE NEAR BLUE MOUNTAIN LAKE. FELT WITH INTENSITY V AT BLUE MOUNTAIN LAKE. INTENSITY IV AT GRAY, RAQUETTE LAKE, SPECULATOR AND TUPPER LAKE. (REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 12)								
MAY 23	09 29 59.(0)	43.94 N(0.03)	74.55 W(0.04)	1.9	MN=3.6(0.2)	13	26	5	F
NEIS	09 29 58.	43.88 N	74.47 W			17	17	0	
ISC	09 30 02.(1)	44.02 N(0.06)	74.38 W(0.09)	2.4		18	18	0	
PAL					ML=3.4				
	NEIS AND EPB DEPTH RESTRICTED TO 0 KM ISC DEPTH = 49 +/- 20 KM NEW YORK STATE NEAR BLUE MOUNTAIN LAKE. FELT WITH INTENSITY V AT BLUE MOUNTAIN LAKE, CONIFER AND SABAEL. INTENSITY IV AT NEWCOMB AND TUPPER LAKE. ALSO FELT AT RAQUETTE LAKE. NO DAMAGE. (REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 13)								
JUN 21	02 48 34.(1)	43.99 N(0.04)	74.53 W(0.06)	1.3	ML=3.3(0.3)	5	11	3	F
NEIC	02 48 30.	43.87 N	74.48 W			10	10	0	
ISC	02 48 31.(1)	43.91 N(0.04)	74.46 W(0.06)	0.9		5	5	0	
PAL					ML=3.6				
	EPB, NEIC AND ISC DEPTH RESTRICTED TO 1 KM NEW YORK STATE NEAR BLUE MOUNTAIN LAKE. FELT WITH INTENSITY IV AT BLUE MOUNTAIN LAKE, NEWCOMB, RAQUETTE LAKE AND TUPPER LAKE. INTENSITY II AT INLET. (REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 13)								
JUL 10	08 15 02.(1)	43.93 N(0.05)	74.53 W(0.03)	0.6	MN=3.4(0.2)	5	7	4	F
NEIC	08 14 59.	43.87 N	74.48 W			12	12	0	
ISC	08 15 00.(1)	43.8 N(0.11)	74.4 W(0.13)	3.5		11	11	0	
PAL					ML=3.7				
	EPB, NEIC AND ISC DEPTH RESTRICTED TO 1 KM NEW YORK STATE NEAR BLUE MOUNTAIN LAKE. FELT WITH INTENSITY V AT INDIAN LAKE, BLUE MOUNTAIN LAKE AND SABAEL. SLIGHT DAMAGE REPORTED AT INDIAN LAKE. INTENSITY IV AT RAQUETTE LAKE. (REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 13)								
AUG 15	10 11 48.(0)	43.87 N(0.00)	74.49 W(0.00)	0.0	ML=2.0(0.1)	2	3	2	0
	NEW YORK STATE, BLUE MOUNTAIN LAKE								
SEP 20	20 33 41.(0)	43.05 N(0.02)	74.80 W(0.02)	0.1	ML=2.7(0.2)	2	4	2	0
	NORTHEAST OF UTICA NEW YORK. POSSIBLE BLAST								
OCT 21	00 54 46.	NORTHEASTERN MASSACHUSETTS REPORTED FELT OVER AN AREA OF APPROX. 1200 SQ KM OF NORTHEASTERN MASSACHUSETTS WITH INTENSITIES FROM II-V (REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 13)							

TABLE 2
EARTHQUAKES OF NORTHERN CANADA AND ADJACENT AREAS
1971

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

A. CANADIAN EPICENTRES

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JAN 5	18 47 11.(1)	76.53 N(0.04)	106.38 W(0.15)	2.2	MN=3.5(0.2)	10	20	7	F
	NORTHEAST OF MELVILLE ISLAND NWT								
JAN 6	13 25 51.(1)	73.19 N(0.05)	74.30 W(0.17)	3.1	MN=4.1(0.1)	14	27	8	F
ISC	13 25 52.(1)	73.6 N(0.13)	73.4 W(0.42)	3.7	MB=4.1	13	13	3	
NEIS	13 25 55.	73.4 N	73.7 W	1.0	MB=4.5	6	6	5	
	BAFFIN BAY								
JAN 9	08 11 06.(1)	76.73 N(0.07)	106.04 W(0.18)	1.6	MN=3.0(0.3)	4	9	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
JAN 10	18 36 56.(3)	76.94 N(0.34)	105.86 W(0.43)	1.3	ML=1.9(0.3)	2	5	2	O
	NORTHEAST OF MELVILLE ISLAND NWT								
JAN 10	18 41 29.(2)	77.02 N(0.26)	105.82 W(0.33)	1.1	ML=2.3(0.5)	2	5	2	O
	NORTHEAST OF MELVILLE ISLAND NWT								
JAN 12	17 36 04.(1)	62.31 N(0.04)	62.33 W(0.14)	2.7	MN=3.9(0.2)	12	27	12	F
ISC	17 35 57.(2)	62.1 N(0.17)	61.9 W(0.40)	3.5		9	9	0	
	ISC DEPTH RESTRICTED TO 0 KM SOUTHERN DAVIS STRAIT								
JAN 16	07 38 53.(2)	71.59 N(0.07)	75.75 W(0.21)	2.6	MN=3.3(0.2)	8	11	8	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND. THIS IS THE FIRST OF A SERIES OF 25 EVENTS CONTINUING TO 23 JAN 16H.								
JAN 16	23 11 16.(1)	71.68 N(0.03)	75.24 W(0.11)	2.7	MN=4.2(0.2)	18	33	14	F
ISC	23 11 12.(1)	71.9 N(0.13)	74.9 W(0.40)	3.7		10	10	0	
	BUCHAN GULF, NORTHERN BAFFIN ISLAND. THIS IS THE LARGEST EVENT IN THE SERIES.								
JAN 16	23 52 40.(2)	71.61 N(0.07)	75.71 W(0.20)	2.3	MN=3.2(0.2)	8	10	8	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	00 11 33.(2)	71.62 N(0.07)	75.57 W(0.20)	2.2	MN=3.1(0.2)	7	9	7	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	00 26 50.(2)	71.61 N(0.06)	75.64 W(0.17)	1.8	MN=2.9(0.2)	7	9	7	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	05 20 18.(2)	71.65 N(0.07)	75.56 W(0.22)	1.9	MN=2.9(0.2)	6	7	6	O
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	05 46 09.(2)	71.62 N(0.08)	75.63 W(0.23)	2.4	MN=2.9(0.2)	7	9	7	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	07 08 10.(0)	71.07 N(0.00)	75.61 W(0.00)	0.0	MN=2.7(0.0)	3	3	2	O
	BUCHAN GULF, NORTHERN BAFFIN ISLAND. VERY POOR SOLUTION								
JAN 17	07 20 16.(2)	71.73 N(0.09)	75.53 W(0.27)	2.2	MN=2.7(0.2)	6	7	5	O
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	07 34 34.(2)	71.63 N(0.08)	75.63 W(0.22)	2.4	MN=3.2(0.2)	7	9	7	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JAN 17	07 48 09.(4)	71.80 N(0.15)	75.08 W(0.51)	2.0	MN=2.7(0.0)	3	4	2	O
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JAN 17	09 00 10.(1)	71.62 N(0.05)	75.80 W(0.17)	2.0	MN=3.2(0.3)	7	10	7	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	12 09 36.(1)	71.63 N(0.05)	75.31 W(0.20)	3.5	MN=4.1(0.2)	13	24	12	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	12 28 18.(0)	71.82 N(0.00)	74.84 W(0.00)	0.0	MN=2.5(0.1)	3	3	2	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	13 21 18.(3)	71.62 N(0.11)	75.55 W(0.32)	3.0	MN=3.0(0.3)	7	8	7	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	15 48 07.(1)	71.62 N(0.05)	75.34 W(0.22)	3.6	MN=3.9(0.1)	12	24	12	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	16 06 47.(2)	71.58 N(0.06)	75.77 W(0.20)	2.4	MN=3.5(0.2)	8	11	8	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 17	20 14 14.(0)	71.80 N(0.00)	74.96 W(0.00)	0.0	MN=2.6(0.2)	3	3	2	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 18	00 50 06.(0)	71.71 N(0.00)	75.05 W(0.00)	0.0	MN=2.5(0.1)	3	3	2	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 18	02 12 49.(2)	71.58 N(0.08)	75.64 W(0.28)	3.2	MN=3.1(0.2)	7	11	7	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 19	05 13 03.(0)	71.66 N(0.00)	75.19 W(0.00)	0.0	MN=2.5(0.1)	3	3	2	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 19	05 42 43.(1)	71.53 N(0.05)	75.68 W(0.20)	3.0	MN=3.8(0.2)	12	22	12	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 19	06 08 45.(2)	71.60 N(0.06)	75.59 W(0.19)	1.6	MN=2.9(0.4)	6	7	4	0
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 23	17 57 37.(2)	71.60 N(0.06)	75.81 W(0.19)	2.2	MN=3.3(0.2)	7	10	7	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 23	18 20 26.(2)	71.62 N(0.10)	75.67 W(0.28)	2.7	MN=3.0(0.3)	6	8	6	F
	BUCHAN GULF,	NORTHERN BAFFIN	ISLAND						
JAN 24	11 09 13.(1)	71.94 N(0.03)	134.35 W(0.26)	0.8	ML=3.2(0.1)	3	6	2	F
	BEAUFORT SEA								
JAN 27	13 00 54.(1)	68.23 N(0.06)	92.89 W(0.18)	3.3	MN=3.3(0.1)	6	13	5	F
	WEST OF PELLY BAY NWT								
JAN 28	10 14 02.(1)	75.57 N(0.06)	101.27 W(0.19)	1.3	MN=2.9(0.0)	4	6	2	F
	SOUTHWEST COAST OF BATHURST	ISLAND	NWT						
JAN 31	11 50 37.(2)	77.69 N(0.14)	114.33 W(0.20)	0.4	ML=2.4(0.3)	2	4	2	0
	MACKENZIE KING ISLAND NWT								
FEB 2	11 38 14.(0)	68.64 N(0.00)	67.34 W(0.00)	0.0	MN=2.4(0.1)	3	3	2	0
	HOME BAY, EAST COAST OF BAFFIN	ISLAND							
FEB 3	02 21 48.(1)	77.25 N(0.04)	118.12 W(0.16)	0.2	ML=2.6()	2	4	1	0
	NORTHERN PRINCE PATRICK ISLAND.	FORESHOCK OF							
					03 FEB 13H				
FEB 3	08 36 16.(3)	68.47 N(0.07)	68.14 W(0.27)	1.9	MN=2.7(0.2)	5	6	4	0
	HOME BAY, EAST COAST OF BAFFIN	ISLAND							
FEB 3	13 47 39.(1)	77.17 N(0.04)	118.18 W(0.19)	1.4	MN=3.8(0.0)	9	15	4	F
	NORTHERN PRINCE PATRICK ISLAND.	MAIN SHOCK.							
	EVENT ASSOCIATED WITH 3 FORESHOCKS AND 10								
	AFTERSHOCKS. SEE TABLE 10.								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
FEB 7	06 52 27.(1)	77.31 N(0.04)	118.59 W(0.19)	0.2	ML=2.5()	2	4	1	0
NORTHERN PRINCE PATRICK ISLAND. AFTERSHOCK OF 03 FEB 13H									
FEB 7	09 35 04.(1)	74.34 N(0.03)	76.50 W(0.15)	1.6	MN=3.1(0.1)	8	15	4	F
BAFFIN BAY									
FEB 8	11 30 17.(2)	64.61 N(0.11)	86.77 W(0.24)	3.0	MN=2.4(0.1)	5	5	4	0
ROES WELCOME SOUND NWT									
FEB 10	00 34 45.(3)	65.81 N(0.11)	133.85 W(0.35)	1.7	ML=2.6()	3	7	1	F
SNAKE RIVER, NORTHEASTERN YUKON TERRITORY									
FEB 11	12 44 26.(2)	66.49 N(0.05)	135.94 W(0.19)	0.9	ML=2.6()	3	7	1	F
NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON									
FEB 11	14 47 38.(2)	72.23 N(0.07)	76.69 W(0.30)	1.5	MN=2.8(0.2)	3	5	3	0
NORTHERN BAFFIN ISLAND NEAR POND INLET									
FEB 19	03 58 15.(0)	62.94 N(0.01)	68.60 W(0.04)	0.3	MN=2.2()	3	4	1	0
SOUTHERN BAFFIN ISLAND									
FEB 22	11 45 04.(4)	60.63 N(0.08)	59.46 W(0.62)	1.1	ML=3.3(0.4)	2	4	2	0
LABRADOR SEA									
FEB 23	11 57 00.(1)	63.46 N(0.06)	129.79 W(0.12)	1.4	ML=3.7()	7	14	1	F
NWT-YUKON BORDER WEST OF WRIGLEY									
FEB 24	07 38 26.(0)	74.35 N(0.01)	85.75 W(0.06)	0.1	MN=2.3()	3	4	1	0
LANCASTER SOUND NWT									
FEB 24	16 20 04.(1)	64.01 N(0.05)	88.08 W(0.11)	2.0	MN=2.8(0.1)	4	9	3	F
ROES WELCOME SOUND NWT									
MAR 3	13 56 17.(3)	76.03 N(0.12)	93.46 W(0.49)	2.3	MN=2.4()	4	6	1	0
NORTH OF CORNWALLIS ISLAND NWT									
MAR 4	06 27 45.(2)	75.98 N(0.11)	94.41 W(0.47)	2.1	ML=2.4()	4	6	1	0
NORTH OF CORNWALLIS ISLAND NWT									
MAR 4	13 43 11.(1)	66.74 N(0.07)	135.37 W(0.15)	2.4	MN=4.1(0.2)	13	22	8	F
ISC	13 43 08.(0)	66.79 N(0.04)	135.82 W(0.07)	1.2		18	18	0	
NEIS	13 43 08.	66.8 N	135.8 W	0.9		15	15	0	
NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON									
MAR 15	09 08 29.(1)	66.28 N(0.05)	134.81 W(0.23)	0.9	ML=2.8()	3	8	1	F
PEEL RIVER, NORTHEASTERN YUKON TERRITORY									
MAR 17	16 47 29.(1)	74.82 N(0.04)	94.37 W(0.13)	2.4	MN=3.9(0.2)	14	28	9	F
CORNWALLIS ISLAND NWT. MAIN SHOCK. EVENT FOLLOWED BY 51 AFTERSHOCKS - ONLY 1 OF THESE ON 20 MAR 15H WAS LARGE ENOUGH TO BE LOCATED. OTHER AFTERSHOCKS CONTINUING TO 24 MAR 00H ARE LISTED IN TABLE 9.									
MAR 17	16 58 15.(4)	68.34 N(0.18)	68.27 W(0.33)	1.3	MN=2.7(0.2)	3	4	3	0
HOME BAY, EAST COAST OF BAFFIN ISLAND									
MAR 20	15 01 28.(1)	74.86 N(0.02)	94.37 W(0.10)	1.3	MN=3.2(0.2)	9	17	5	F
CORNWALLIS ISLAND NWT. AFTERSHOCK OF EVENT OF 17 MAR 16H									
MAR 22	08 58 05.(1)	68.40 N(0.05)	68.32 W(0.19)	3.3	MN=3.9(0.1)	14	28	12	F
HOME BAY, EAST COAST OF BAFFIN ISLAND									
MAR 22	09 49 51.(0)	68.68 N(0.00)	67.64 W(0.00)	0.0	MN=2.5(0.3)	3	3	2	0
HOME BAY, EAST COAST OF BAFFIN ISLAND									
MAR 22	16 41 02.(2)	68.36 N(0.05)	68.37 W(0.18)	1.8	MN=3.1(0.2)	7	9	7	F
HOME BAY, EAST COAST OF BAFFIN ISLAND									

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAR 22	22 37 25.(3)	68.49 N(0.08)	68.16 W(0.33)	1.8	MN=2.8(0.3)	4	5	4	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
MAR 23	17 18 44.(2)	68.39 N(0.06)	68.59 W(0.20)	1.5	MN=2.7(0.3)	4	6	4	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
MAR 24	22 59 47.(3)	67.39 N(0.09)	135.70 W(0.40)	1.7	MN=2.5()	2	6	1	0
	NEAR FT MCPHERSON NWT								
MAR 26									
ISC	17 35 17.(1)	60.33 N(0.02)	140.94 W(0.03)	1.1	MB=5.8	221	221	35	F
NEIS	17 35 18.	60.3 N	141.0 W	1.1	MB=5.5	92	92	24	
	NEIS DEPTH RESTRICTED TO 7 KM								
	ISC DEPTH = 0 +/- 6 KM								
	BORDER OF SOUTHWESTERN YUKON TERRITORY AND ALASKA.								
	FELT AT YAKUTAT WITH INTENSITY IV.								
MAR 29	16 39 08.(1)	62.82 N(0.03)	123.39 W(0.09)	2.6	MN=4.0(0.2)	13	32	10	F
	NEAR WRIGLEY NWT								
APR 1	13 48 16.(0)	77.80 N(0.00)	104.22 W(0.00)	0.0	ML=2.4()	2	3	1	0
	NORTHEAST OF LOUGHEED ISLAND NWT. FORESHOCK OF 3 APR 2H								
APR 1	21 43 48.(1)	67.94 N(0.05)	136.49 W(0.17)	1.1	ML=3.4(0.0)	4	9	3	F
	NWT-YUKON BORDER NORTHWEST OF FT MCPHERSON								
APR 2	10 36 22.(1)	74.19 N(0.07)	129.89 W(0.33)	2.6	ML=4.6(0.2)	10	19	8	F
	BEAUFORT SEA								
APR 3	01 43 46.(1)	77.69 N(0.09)	104.13 W(0.25)	1.0	ML=2.7(0.2)	3	6	2	0
	NORTHEAST OF LOUGHEED ISLAND NWT. FORESHOCK OF 3 APR 2H								
APR 3	02 03 08.(1)	77.75 N(0.05)	104.31 W(0.22)	2.2	MN=3.2(0.1)	8	15	4	F
	NORTHEAST OF LOUGHEED ISLAND NWT. MAIN SHOCK								
APR 7	06 03 32.(1)	67.03 N(0.04)	94.30 W(0.19)	2.4	MN=2.8(0.2)	6	10	5	F
	SOUTHEAST OF CHANTREY INLET NWT								
APR 7	10 10 25.(2)	77.33 N(0.22)	113.70 W(0.21)	0.9	ML=2.5(0.4)	4	6	2	0
	OFF NORTH COAST OF PRINCE PATRICK ISLAND NWT								
APR 8	02 14 51.(1)	81.80 N(0.05)	117.60 W(0.43)	1.3	ML=3.9(0.2)	6	11	5	F
	ARCTIC OCEAN NW OF BORDEN ISLAND. MAIN SHOCK								
APR 8	02 39 04.(0)	81.83 N(0.00)	117.21 W(0.00)	0.0	ML=2.5(0.1)	2	3	2	0
	ARCTIC OCEAN NW OF BORDEN ISLAND. AFTERSHOCK OF 8 APR 2H								
APR 9	11 38 07.(1)	68.41 N(0.05)	68.45 W(0.17)	2.0	MN=3.4(0.2)	8	11	8	F
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
APR 12	04 29 43.(1)	76.53 N(0.04)	107.13 W(0.17)	0.9	MN=2.7(0.2)	4	7	2	F
	NORTHEAST OF MELVILLE ISLAND NWT								
APR 16	01 31 45.(1)	61.75 N(0.05)	60.68 W(0.15)	2.3	ML=4.3(0.2)	9	19	3	F
	NORTHERN LABRADOR SEA								
APR 16	13 22 25.(0)	68.50 N(0.00)	67.77 W(0.00)	0.0	MN=2.6(0.1)	3	3	2	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
APR 18	21 47 57.(2)	65.59 N(0.12)	132.15 W(0.35)	1.0	ML=2.8()	3	6	1	0
	NWT-YUKON BORDER WEST OF NORMAN WELLS								
APR 19	23 59 26.(1)	65.74 N(0.04)	128.70 W(0.07)	0.5	MN=2.6(0.1)	3	6	2	F
	SOUTH OF FORT GOOD HOPE NWT								
APR 21	04 25 57.(2)	67.45 N(0.08)	139.62 W(0.20)	1.3	ML=2.7(0.0)	3	8	2	F
	NORTHERN YUKON TERRITORY NEAR OLD CROW								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
APR 21	14 38 13.(0)	67.16 N(0.00)	76.33 W(0.00)	0.0	MN=2.4()	3	3	1	0
	PRINCE CHARLES ISLAND IN FOXE BASIN NWT								
APR 22	02 49 12.(1)	66.64 N(0.04)	135.39 W(0.11)	1.0	MN=3.3(0.0)	6	12	4	F
	NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON								
APR 22	09 20 53.(2)	66.70 N(0.07)	135.98 W(0.18)	1.2	MN=3.2(0.2)	5	9	3	F
	NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON								
APR 23	19 34 14.(1)	68.63 N(0.05)	118.99 W(0.13)	2.0	MN=2.9(0.1)	5	11	3	F
	NORTHWEST OF COPPERMINE NWT								
APR 24	00 39 18.(1)	60.53 N(0.04)	139.05 W(0.08)	1.3	ML=4.5(0.1)	8	10	2	F
ISC	00 39 16.(0)	60.51 N(0.06)	139.09 W(0.08)	1.7		17	17	9	
NEIS	00 39 16.	60.5 N	139.0 W	1.2	MB=5.1	14	14	1	
NEIS					ML=4.3				
	SOUTHWESTERN YUKON TERRITORY								
APR 25	09 42 59.(3)	71.80 N(0.11)	74.88 W(0.36)	1.8	MN=2.9(0.3)	4	5	4	0
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
APR 26	22 50 14.(1)	61.14 N(0.04)	85.70 W(0.08)	1.4	MN=2.4(0.2)	5	6	5	0
	NORTHERN HUDSON BAY								
APR 29	05 11 48.(3)	65.74 N(0.12)	134.49 W(0.38)	1.9	ML=2.9()	3	7	1	F
	BONNET PLUME RIVER, NORTHEASTERN YUKON TERRITORY								
APR 30	07 25 26.(2)	71.49 N(0.06)	134.95 W(0.47)	0.9	ML=2.5(0.1)	3	4	2	0
	BEAUFORT SEA								
MAY 2	07 07 02.(0)	65.53 N(0.04)	126.00 W(0.05)	0.3	MN=2.4(0.0)	3	5	2	0
	NORTHEAST OF NOMAN WELLS NWT								
MAY 6	08 58 44.(2)	76.64 N(0.10)	96.65 W(0.61)	0.4	ML=2.1()	2	4	1	0
	GRINNELL PENINSULA, NORTHEASTERN DEVON ISLAND								
MAY 6	09 46 03.(1)	76.38 N(0.04)	97.45 W(0.28)	2.1	MN=3.3(0.2)	6	11	4	F
	NORTHWEST OF CORNWALLIS ISLAND NWT								
MAY 8	05 01 10.(1)	65.21 N(0.06)	133.28 W(0.14)	1.3	MN=3.1(0.0)	5	12	3	F
	SNAKE RIVER, NORTHEASTERN YUKON TERRITORY								
MAY 11	02 34 37.(2)	66.43 N(0.07)	135.28 W(0.23)	1.8	MN=3.2()	5	10	1	F
	NORTHERN YUKON TERRITORY SOUTH OF FT MCPHERSON								
MAY 19	07 33 01.(0)	81.19 N(0.03)	87.22 W(0.17)	0.4	ML=3.2(0.1)	3	6	3	F
	NORTHWESTERN ELLESMERE ISLAND								
MAY 21	08 15 03.(1)	81.16 N(0.12)	87.19 W(0.63)	0.6	ML=2.6()	3	4	1	0
	NORTHWESTERN ELLESMERE ISLAND								
MAY 21	11 04 48.(0)	71.34 N(0.00)	73.33 W(0.00)	0.0	MN=2.4(0.4)	3	3	3	0
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
MAY 24	05 04 28.(3)	65.18 N(0.11)	133.90 W(0.30)	1.8	ML=3.0()	3	9	1	F
	BONNET PLUME RIVER, NORTHEASTERN YUKON TERRITORY								
MAY 25	03 17 05.(1)	71.42 N(0.02)	135.86 W(0.16)	0.5	ML=3.3(0.5)	4	7	4	F
	BEAUFORT SEA								
MAY 30	02 46 19.(9)	63.25 N(0.22)	65.67 W(0.70)	2.4	MN=2.5(0.1)	4	5	3	0
	HALL PENINSULA, SOUTHEASTERN BAFFIN ISLAND								
JUN 2	20 47 49.(1)	74.92 N(0.04)	67.56 W(0.17)	2.2	ML=4.6(0.2)	11	19	5	F
	NORTHERN BAFFIN BAY								
JUN 9	20 02 15.(0)	77.76 N(0.00)	114.26 W(0.80)	0.0	ML=2.3()	2	4	1	0
	SOUTH OF BROCK ISLAND NWT								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JUN 10	11 17 08.(2)	62.58 N(0.06)	66.25 W(0.26)	1.8	MN=2.7(0.2)	4	6	3	F
	FROBISHER BAY, SOUTHERN BAFFIN ISLAND								
JUN 17	05 44 18.(1)	76.36 N(0.06)	94.92 W(0.28)	0.3	MN=2.4()	2	4	1	0
	GRINNELL PENINSULA, NORTHWESTERN DEVON ISLAND NWT								
JUN 17	10 37 24.(1)	68.45 N(0.04)	68.03 W(0.16)	2.3	MN=3.7(0.2)	8	21	8	F
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
JUN 20	00 19 53.(0)	72.80 N(0.00)	71.81 W(0.00)	0.0	MN=2.7(0.3)	3	3	3	0
	WESTERN BAFFIN BAY								
JUN 20	13 21 52.(3)	66.70 N(0.12)	135.82 W(0.33)	1.6	MN=3.1(0.1)	5	8	2	F
	NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON								
JUN 21	02 27 41.(0)	69.52 N(0.00)	90.13 W(0.02)	0.1	MN=2.6(0.2)	4	4	3	0
	GULF OF BOOTHIA								
JUN 23	08 02 15.(2)	66.50 N(0.09)	134.71 W(0.34)	0.9	ML=2.9()	3	6	1	F
	NORTHEASTERN YUKON TERRITORY SOUTH OF FT MCPHERSON								
JUN 24	15 16 09.(1)	81.71 N(0.11)	85.46 W(0.53)	1.5	ML=3.1()	3	7	1	F
	NORTHWESTERN ELLESMERE ISLAND								
JUN 25	15 16 00.(1)	71.81 N(0.08)	130.22 W(0.40)	0.9	ML=2.9(0.1)	3	5	2	0
	BEAUFORT SEA								
JUN 26	08 12 24.(3)	65.43 N(0.14)	132.61 W(0.40)	1.3	ML=3.0()	4	7	1	F
	YUKON-NWT BORDER SOUTHWEST OF FT GOOD HOPE								
JUN 26	21 53 18.(2)	63.89 N(0.12)	129.46 W(0.16)	1.8	MN=3.0(0.1)	4	11	3	F
	SOUTHWEST OF FT NORMAN NWT								
JUN 27	03 34 23.(1)	73.27 N(0.04)	95.77 W(0.19)	2.8	MN=4.0(0.1)	11	20	7	F
	NORTHWEST COAST OF SOMERSET ISLAND NWT. EVENT FOLLOWED BY 2 SMALL AFTERSHOCKS. SEE TABLE 9.								
JUN 30	04 49 43.(3)	66.89 N(0.11)	135.59 W(0.28)	1.8	MN=3.2(0.1)	5	8	3	F
	NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON								
JUL 2	07 27 27.(1)	80.75 N(0.21)	80.12 W(1.09)	1.3	ML=2.7()	3	5	1	0
	ELLESMERE ISLAND NORTHEAST OF EUREKA								
JUL 4	19 31 20.(0)	74.23 N(0.02)	81.85 W(0.08)	1.2	MN=3.7(0.1)	12	21	9	F
	LANCASTER SOUND NWT								
JUL 6	04 48 38.(3)	61.79 N(0.20)	124.12 W(0.23)	1.7	MN=2.9()	2	6	1	0
	WEST OF FORT SIMPSON NWT								
JUL 6	07 07 20.(2)	70.78 N(0.06)	72.40 W(0.19)	1.4	MN=2.9(0.2)	5	6	5	0
	BAFFIN ISLAND SOUTH OF CAPE ADAIR								
JUL 13	01 32 12.(1)	60.63 N(0.02)	57.45 W(0.15)	0.3	ML=3.8(0.4)	2	4	2	0
	SOUTHERN DAVIS STRAIT								
JUL 18	21 16 35.(1)	71.45 N(0.07)	132.60 W(0.41)	0.8	ML=3.1(0.4)	3	5	3	0
	BEAUFORT SEA								
JUL 21	07 36 24.(1)	72.98 N(0.05)	70.05 W(0.25)	1.8	ML=3.9(0.3)	5	10	4	F
	OFF NORTHEAST COAST OF BAFFIN ISLAND								
JUL 22	03 15 17.(2)	65.35 N(0.11)	133.31 W(0.30)	1.7	ML=3.2()	3	8	1	F
	SNAKE RIVER, NORTHEASTERN YUKON TERRITORY								
JUL 24	22 25 55.(1)	73.65 N(0.03)	96.13 W(0.12)	2.0	MN=4.0(0.1)	12	24	9	F
	NORTHWEST COAST OF SOMERSET ISLAND. MAIN SHOCK. FOLLOWED BY 2 AFTERSHOCKS. SEE TABLE 9.								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JUL 24	22 38 09.(1)	73.67 N(0.05)	95.86 W(0.26)	1.6	MN=3.2()	3	6	1	F
	NW COAST SOMERSET ISLAND. AFTERSHOCK OF 24 JUL 22H								
JUL 25	20 43 54.(1)	67.73 N(0.05)	67.51 W(0.15)	3.8	MN=4.2(0.2)	16	33	12	F
	HOME BAY, EAST COAST BAFFIN ISLAND								
JUL 26	13 36 58.(0)	71.59 N(0.00)	75.25 W(0.00)	0.0	MN=3.0(0.1)	3	3	2	0
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JUL 30	11 10 38.(0)	72.31 N(0.00)	71.87 W(0.00)	0.0	MN=3.1(0.1)	3	3	3	0
	NORTHEAST COAST OF BAFFIN ISLAND								
JUL 31	22 57 52.(1)	71.76 N(0.04)	76.43 W(0.18)	3.1	MN=4.0(0.1)	13	22	12	F
	BUCHAN GULF, NORTHERN BAFFIN ISLAND								
JUL 31	23 18 36.(2)	65.35 N(0.14)	86.34 W(0.15)	1.8	MN=2.6(0.1)	3	5	2	0
	ROES WELCOME SOUND NWT								
AUG 8	23 45 38.(2)	70.73 N(0.08)	65.69 W(0.39)	1.3	ML=3.7(0.2)	3	6	2	F
	NORTHERN DAVIS STRAIT								
AUG 14	02 00 57.(0)	65.38 N(0.00)	62.64 W(0.00)	0.0	MN=3.3()	2	3	1	0
	CUMBERLAND PENINSULA, SOUTHERN BAFFIN ISLAND								
AUG 14	02 02 48.(1)	65.39 N(0.02)	62.72 W(0.06)	0.2	MN=3.5(0.2)	3	4	2	0
	CUMBERLAND PENINSULA, SOUTHERN BAFFIN ISLAND								
AUG 14	02 04 06.(0)	65.38 N(0.00)	62.64 W(0.00)	0.0	MN=3.2()	2	3	1	0
	CUMBERLAND PENINSULA, SOUTHERN BAFFIN ISLAND								
AUG 25	04 37 22.(3)	62.77 N(0.23)	125.54 W(0.27)	1.2	ML=3.3()	2	5	1	0
	WEST OF WRIGLEY NWT								
AUG 27	01 23 50.(3)	64.05 N(0.27)	125.79 W(0.44)	1.6	ML=3.3(0.1)	2	6	2	0
	SOUTH OF FT NORMAN NWT								
SEP 2	19 36 06.(1)	66.97 N(0.04)	135.27 W(0.17)	1.8	MN=3.6(0.1)	6	10	3	F
	NORTHERN YUKON TERRITORY, SOUTHWEST OF FT MCPHERSON								
SEP 7	14 40 00.(5)	70.68 N(0.19)	70.83 W(0.25)	0.6	MN=3.1(0.2)	3	4	2	0
	EAST COAST OF BAFFIN ISLAND NEAR CLYDE								
SEP 10	15 36 26.(0)	67.67 N(0.00)	69.51 W(0.00)	0.0	MN=3.0()	2	3	1	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
SEP 11	04 21 39.(3)	68.08 N(0.12)	68.75 W(0.21)	1.5	MN=3.5(0.3)	4	7	3	F
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
SEP 20	13 42 12.(2)	73.84 N(0.05)	92.72 W(0.60)	0.8	MN=3.0()	3	5	1	0
	DEPTH RESTRICTED TO 5 KM SOMERSET ISLAND NWT. FORESHOCK OF EVENT OF 20 SEP 23H.								
SEP 20	18 35 46.(3)	73.88 N(0.07)	92.49 W(0.82)	1.0	MN=2.8()	3	5	1	0
	DEPTH RESTRICTED TO 5 KM SOMERSET ISLAND NWT. FORESHOCK OF EVENT OF 20 SEP 23H.								
SEP 20	23 01 41.(1)	73.81 N(0.03)	92.52 W(0.17)	2.3	MN=3.9(0.1)	10	16	7	F
	DEPTH RESTRICTED TO 5 KM SOMERSET ISLAND NWT. MAIN SHOCK. EVENT ASSOCIATED WITH 3 FORESHOCKS AND 3 AFTERSHOCKS. SEE TABLE 9.								
SEP 21	09 00 06.(2)	73.87 N(0.05)	92.69 W(0.59)	0.8	MN=2.8()	3	5	1	0
	DEPTH RESTRICTED TO 5 KM SOMERSET ISLAND NWT. AFTERSHOCK OF EVENT OF 20 SEP 23H.								
SEP 27	21 49 27.(1)	70.95 N(0.04)	131.96 W(0.21)	1.1	ML=4.3(0.1)	4	8	3	F
	BEAUFORT SEA								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
SEP 28	12 28 37.(3)	66.75 N(0.08)	136.84 W(0.92)	1.5	ML=2.8()	3	5	1	0
		NORTHERN YUKON TERRITORY SOUTHWEST OF FT MCPHERSON							
OCT 2	03 19 28.(0)	64.20 N(0.03)	86.67 W(0.06)	2.5	MN=5.1(0.2)	26	54	15	F
ISC	03 19 29.(0)	64.40 N(0.03)	86.66 W(0.06)	1.7	MB=5.0	142	142	24	
NEIC	03 19 28.	64.4 N	86.5 W	0.8	MB=5.0	54	54	22	
		ISC DEPTH = 27 +/- 8 KM NEIC DEPTH RESTRICTED TO 16 KM DEPTH RESTRICTED TO 21 KM (HASHIZUME,1974-SEE TEXT). SOUTHAMPTON ISLAND IN NORTHERN HUDSON BAY. REPORTED FELT AT CORAL HARBOUR AND CHESTERFIELD INLET. EVENT FOLLOWED BY 2 SMALL AFTERSHOCKS-SEE BELOW.							
OCT 2	04 00 09.(2)	64.25 N(0.11)	86.52 W(0.15)	1.9	MN=2.4()	4	5	1	0
		SOUTHAMPTON ISLAND. AFTERSHOCK OF EVENT OF 2 OCT 3H							
OCT 2	04 59 37.(8)	64.36 N(0.00)	86.36 W(0.00)	0.0	MN=2.5()	3	3	1	0
		SOUTHAMPTON ISLAND. AFTERSHOCK OF EVENT OF 2 OCT 3H							
OCT 6	00 09 16.(1)	68.81 N(0.06)	119.47 W(0.15)	1.8	ML=3.1(0.1)	4	7	2	F
		NORTH OF GREAT BEAR LAKE NWT							
OCT 15	00 02 13.(1)	71.65 N(0.03)	135.21 W(0.19)	0.6	ML=3.4(0.1)	3	6	2	F
		BEAUFORT SEA							
OCT 18	17 04 27.(1)	61.52 N(0.05)	140.58 W(0.09)	2.0	ML=4.1()	9	14	1	F
ISC	17 04 26.(0)	61.62 N(0.05)	140.58 W(0.09)	1.6		18	18	0	
NEIC	17 04 26.	61.6 N	140.6 W	1.2	MB=3.9	13	13	2	
		ISC AND NEIC DEPTH RESTRICTED TO 29 KM SOUTHWESTERN YUKON TERRITORY							
OCT 20	09 02 04.(0)	65.41 N(0.01)	134.28 W(0.07)	0.6	ML=3.5(0.1)	5	9	2	F
		BONNET PLUME RIVER, NORTHEASTERN YUKON TERRITORY							
OCT 30	19 01 12.(1)	64.30 N(0.09)	86.50 W(0.11)	1.4	MN=2.8(0.1)	4	5	2	0
		SOUTHAMPTON ISLAND IN NORTHERN HUDSON BAY							
OCT 31	23 07 21.(0)	62.20 N(0.01)	71.89 W(0.02)	0.2	MN=2.8(0.2)	4	5	2	0
		HUDSON STRAIT							
NOV 3	03 32 02.(1)	60.70 N(0.03)	130.28 W(0.07)	1.6	ML=3.1(0.4)	6	11	2	F
		SOUTHERN YUKON TERRITORY NORTHWEST OF WATSON LAKE							
NOV 9	02 14 49.(1)	66.17 N(0.04)	134.86 W(0.18)	1.7	ML=3.6(0.2)	5	10	2	F
		PEEL RIVER, NORTHEASTERN YUKON TERRITORY							
NOV 10	08 12 21.(1)	63.24 N(0.06)	127.38 W(0.11)	1.7	ML=3.7(0.2)	3	7	3	F
		WEST OF WRIGLEY NWT							
NOV 14	21 54 41.(1)	72.76 N(0.06)	90.32 W(0.34)	2.8	MN=2.9(0.1)	6	10	3	F
		EAST COAST OF SOMERSET ISLAND NWT							
NOV 16	18 08 44.(2)	66.79 N(0.08)	135.25 W(0.27)	1.2	ML=3.0()	3	7	1	F
		NORTHERN YUKON TERRITORY SOUTHWEST OF FORT MCPHERSON							
NOV 19	15 19 06.(1)	66.54 N(0.03)	85.58 W(0.07)	1.0	MN=2.9(0.1)	3	6	3	0
		NEAR REPULSE BAY NWT							
NOV 20	05 34 17.(3)	71.91 N(0.12)	75.18 W(0.49)	1.8	MN=2.8(0.3)	3	4	3	0
		BUCHAN GULF, NORTHERN BAFFIN ISLAND							
NOV 21	13 24 57.(1)	65.92 N(0.03)	134.94 W(0.10)	1.3	ML=4.2(0.1)	8	14	2	F
		PEEL RIVER, NORTHEASTERN YUKON TERRITORY							
NOV 22	07 45 24.(4)	75.15 N(0.11)	90.11 W(0.69)	2.1	MN=2.6()	3	6	1	F
		DEVON ISLAND NWT							

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
NOV 23	22 29 19.(1)	78.41 N(0.05)	102.93 W(0.10)	0.2	ML=2.8(0.3)	2	4	2	0
	ELLEF RIGNES ISLAND NWT								
NOV 29	12 04 40.(1)	78.70 N(0.06)	91.85 W(0.47)	1.7	ML=3.5()	3	7	1	F
	AXEL HEIBERG ISLAND NWT								
DEC 2	01 00 32.(1)	73.92 N(0.04)	73.57 W(0.21)	1.9	MN=3.3(0.1)	7	14	2	F
	BAFFIN BAY								
DEC 2	08 42 10.(1)	71.38 N(0.04)	132.81 W(0.31)	1.0	ML=2.7(0.2)	3	5	2	0
	BEAUFORT SEA								
DEC 2	12 24 29.(1)	66.34 N(0.06)	85.68 W(0.13)	1.1	ML=2.7()	4	4	1	0
	ROES WELCOME SOUND NWT								
DEC 4	09 59 43.(1)	80.89 N(0.05)	105.98 W(0.34)	1.1	ML=3.7(0.2)	5	8	3	F
	NORTH OF ELLEF RIGNES ISLAND NWT								
DEC 4	20 57 14.(5)	67.75 N(0.17)	67.29 W(0.41)	1.2	MN=3.0()	2	4	1	0
	HOME BAY, EAST COAST OF BAFFIN ISLAND								
DEC 12	03 27 43.(1)	74.31 N(0.03)	93.33 W(0.18)	1.5	MN=3.4(0.1)	7	9	3	F
	BARROW STRAIT SOUTHEAST OF RESOLUTE								
DEC 14	15 18 31.(2)	66.58 N(0.04)	139.46 W(0.29)	1.2	ML=3.8(0.2)	4	7	2	F
	NORTHWESTERN YUKON TERRITORY, SOUTH OF OLD CROW								
DEC 16	13 56 37.(1)	71.94 N(0.04)	91.96 W(0.25)	2.5	MN=3.0(0.2)	7	12	2	F
	PRINCE REGENT INLET NWT								
DEC 18	01 01 34.(2)	82.89 N(0.19)	62.44 W(0.84)	1.9	ML=3.7()	4	5	1	0
	NORTH COAST OF ELLESMERE ISLAND NEAR ALERT								
DEC 19	04 11 56.(1)	68.04 N(0.04)	91.97 W(0.15)	0.9	MN=2.2()	4	4	1	0
	NEAR PELLY BAY NWT								

B. UNITED STATES EPICENTRES

JAN 15	21 47 03.(1)	68.84 N(0.06)	143.30 W(0.20)	1.3	ML=3.7()	6	11	1	F
	NORTHEASTERN ALASKA								
JAN 28	05 06 44.(1)	66.59 N(0.07)	141.44 W(0.14)	2.5	MN=4.2()	14	28	1	F
ISC	05 06 44.(1)	66.66 N(0.07)	142.0 W(0.14)	2.2		18	18	0	
NEIS	05 06 44.	66.6 N	142.0 W	1.1		14	14	0	
	EASTERN ALASKA								
JAN 29	07 58 53.(0)	60.67 N(0.05)	143.76 W(0.10)	1.6		12	12	0	F
ISC	07 58 53.	60.7 N	143.7 W	1.3	M8=3.7	10	10	1	
NEIS					ML=3.9				
	SOUTHERN ALASKA								
FEB 16	12 45 58.(0)	61.38 N(0.00)	150.87 W(0.00)	0.0	ML=4.0()	2	3	1	0
	SOUTHERN ALASKA								
FEB 24	10 06 05.(2)	63.20 N(0.08)	144.95 W(0.32)	1.2	ML=3.9()	5	7	1	F
	SOUTHEASTERN ALASKA								
MAR 2	00 32 05.(3)	70.23 N(0.09)	144.07 W(0.47)	2.3	ML=4.3(0.4)	6	11	6	F
	NORTHEASTERN COAST OF ALASKA								
MAR 3	10 36 17.(4)	62.23 N(0.37)	152.32 W(0.91)	2.6	ML=3.9()	5	6	1	0
	SOUTHERN ALASKA								
MAR 27	22 00 05.(1)	60.05 N(0.05)	140.92 W(0.10)	1.4	ML=4.5(0.1)	9	12	2	F
ISC	22 00 03.(1)	60.05 N(0.04)	141.02 W(0.06)	1.0		17	17	0	
	ISC DEPTH = 21 +/- 11 KM								
	SOUTHEASTERN ALASKA								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG
MAR 28	19 18 11.(2)	67.82 N(0.07)	161.25 W(0.24)	0.6	ML=3.8(0.1)	3 5 2 0
	NORTHWESTERN ALASKA					
APR 6	20 58 09.(1)	66.24 N(0.10)	155.84 W(0.19)	0.7	ML=4.2()	3 5 1 0
	WESTERN ALASKA					
APR 15	20 48 27.(2)	68.18 N(0.10)	161.15 W(0.30)	1.0	ML=4.0(0.0)	4 6 2 F
	NORTHWESTERN ALASKA					
APR 15	21 45 44.(1)	68.32 N(0.05)	161.19 W(0.16)	0.5	ML=3.9(0.1)	4 6 2 F
	NORTHWESTERN ALASKA					
APR 15	22 40 36.(2)	68.32 N(0.32)	161.69 W(0.36)	1.1	ML=3.9()	4 5 1 0
	NORTHWESTERN ALASKA					
APR 16	01 39 04.(6)	67.88 N(0.23)	161.06 W(0.90)	2.6	ML=4.2(0.1)	4 6 3 0
	NORTHWESTERN ALASKA					
APR 16	13 46 18.(5)	66.12 N(0.19)	141.79 W(0.72)	2.2	ML=3.4()	2 5 1 0
	EASTERN ALASKA					
APR 30	02 10 28.(2)	67.71 N(0.09)	146.19 W(0.22)	1.1	ML=3.0()	3 7 1 0
	NORTHEASTERN ALASKA					
MAY 8	06 24 40.(0)	80.81 N(0.00)	167.07 W(0.00)	0.0	ML=3.4()	2 3 1 0
	ARCTIC OCEAN NORTH OF ALASKA					
MAY 8	06 31 45.(6)	80.62 N(0.23)	165.80 W(2.25)	1.5	ML=3.5(0.2)	3 4 2 0
	ARCTIC OCEAN NORTH OF ALASKA					
JUN 1	08 34 47.(3)	69.67 N(0.26)	144.42 W(0.57)	1.7	ML=2.9()	3 6 1 0
	NORTHEASTERN ALASKA					
JUN 18	01 54 42.(4)	68.46 N(0.17)	147.73 W(0.39)	1.4	ML=3.1()	2 5 1 0
	NORTHEASTERN ALASKA					
JUN 29	14 52 58.(0)	68.12 N(0.00)	148.75 W(0.00)	0.0	ML=3.4(0.5)	2 3 2 0
	NORTHEASTERN ALASKA					
JUL 1	01 58 02.(1)	68.51 N(0.08)	148.31 W(0.21)	2.0	MB=4.3(0.2)	9 15 5 F
	NORTHEASTERN ALASKA					
JUL 4	13 01 11.(0)	68.37 N(0.00)	148.44 W(0.00)	0.0	ML=2.8()	2 3 1 0
	NORTHEASTERN ALASKA					
JUL 4	21 17 03.(6)	68.14 N(0.23)	148.41 W(0.76)	1.5	ML=3.7(0.2)	2 4 2 0
	NORTHEASTERN ALASKA					
JUL 5	03 10 47.(2)	72.25 N(0.05)	149.02 W(0.42)	0.5	ML=3.6(0.0)	2 4 2 0
	BEAUFORT SEA OFF NORTH COAST OF ALASKA					
JUL 5	11 49 32.(0)	67.98 N(0.00)	148.82 W(0.00)	0.0	ML=3.0()	2 3 1 0
	NORTHEASTERN ALASKA					
JUL 5	12 53 38.(0)	68.37 N(0.00)	147.90 W(0.00)	0.0	ML=2.5()	2 3 1 0
	NORTHEASTERN ALASKA					
SEP 12	13 36 32.(3)	63.47 N(0.06)	145.25 W(0.33)	1.3	ML=4.0(0.3)	2 6 2 0
	EASTERN ALASKA					
SEP 19	19 40 52.(4)	64.85 N(0.22)	151.68 W(0.58)	0.4	ML=4.5(0.4)	4 4 3 0
	CENTRAL ALASKA					
T 12	17 58 32.(2)	65.18 N(0.06)	151.07 W(0.21)	1.3	ML=4.6(0.5)	3 7 3 F
	CENTRAL ALASKA					
T 28	00 29 44.(3)	60.14 N(0.17)	140.62 W(0.33)	2.0	ML=3.9()	3 5 1 0
	SOUTHEASTERN ALASKA					

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
DEC 27	13 06 35.(6)	60.14 N(0.14)	141.46 W(0.43)	2.2	ML=3.8()	4	5	1	0

C. GREENLAND EPICENTRES

JAN 1	01 05 03.(5)	80.32 N(0.39)	17.30 W(1.32)	1.5	ML=3.7()	3	4	1	0
	NORTHEAST COAST OF GREENLAND								
JAN 8	20 39 24.(0)	81.81 N(0.01)	54.30 W(0.05)	0.2	ML=3.6()	3	5	1	0
	NORTH COAST OF GREENLAND								
JAN 30	15 49 57.(2)	79.44 N(0.12)	18.28 W(0.42)	1.0	ML=4.0(0.3)	3	6	2	F
	NORTHEAST COAST OF GREENLAND								
FEB 12	14 52 11.(1)	86.29 N(0.08)	40.06 W(0.79)	1.0	ML=3.3(0.4)	4	7	2	F
	ARCTIC OCEAN NORTH OF GREENLAND								
FEB 17	02 43 51.(1)	80.06 N(0.10)	5.87 W(0.41)	0.3	ML=3.8(0.3)	3	5	2	0
	NORTHERN GREENLAND SEA								
FEB 18	03 36 00.(2)	84.04 N(0.05)	2.43 W(0.90)	0.4	ML=3.3()	2	4	1	0
	NORTHEAST OF GREENLAND								
FEB 18	04 23 32.(2)	84.20 N(0.12)	1.73 W(1.52)	0.6	ML=3.5()	3	4	1	0
	NORTHEAST OF GREENLAND								
FEB 25	19 12 47.(2)	80.94 N(0.23)	7.68 W(1.37)	1.8	ML=3.7(0.2)	6	9	2	F
	NORTHERN GREENLAND SEA								
MAR 4	08 45 23.(2)	81.37 N(0.19)	4.73 W(1.15)	1.4	ML=3.4()	4	7	1	0
	NORTHERN GREENLAND SEA								
APR 5	15 09 18.(2)	76.54 N(0.11)	63.18 W(0.36)	2.1	ML=3.6()	4	10	1	F
	NORTHWESTERN GREENLAND								
MAY 7	06 15 34.(2)	85.51 N(0.12)	8.84 E(1.93)	1.1	ML=4.2()	4	5	1	0
	NORTHEAST OF GREENLAND								
MAY 18	00 37 32.(2)	75.47 N(0.07)	56.76 W(0.34)	0.7	ML=3.6()	3	5	1	0
	WEST COAST OF GREENLAND								
MAY 31	04 58 52.(0)	68.92 N(0.03)	53.88 W(0.07)	0.9	ML=4.2(0.1)	6	11	3	F
	OFF WEST COAST GREENLAND NEAR GODHAVN								
JUN 13	02 31 14.(5)	80.12 N(0.21)	14.61 W(2.16)	0.9	ML=3.2()	3	4	1	0
	NORTHEAST COAST OF GREENLAND								
JUL 4	05 32 50.(2)	68.91 N(0.06)	53.09 W(0.32)	1.4	ML=3.9(0.1)	5	8	2	F
	OFF WEST COAST GREENLAND NEAR GODHAVN								
JUL 23	08 03 19.(1)	75.92 N(0.02)	0.35 W(0.22)	0.3	ML=4.5()	3	5	1	0
	GREENLAND SEA								
NOV 1	05 09 20.(3)	83.33 N(0.36)	57.06 W(1.99)	2.3	ML=2.5()	3	5	1	0
	OFF NORTH COAST OF GREENLAND								

TABLE 3
EARTHQUAKES OF WESTERN CANADA AND ADJACENT AREAS
1971
(F=FILLED, O=OPEN SYMBOL ON EPICENTRE MAPS)

A. CANADIAN EPICENTRES

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
JAN 01									
ISC	06 50 53.(1)	47.78 N(0.05)	128.6 W(0.12)	1.3		11	11	0	F
NEIS	06 50 53.	47.8 N	128.6 W	1.2	MB=4.5	9	9	3	
	SOUTHWEST OF VANCOUVER ISLAND								
JAN 4	08 37 31.	50.0 N	130.0 W		ML=3.0	2	2	2	0
	WEST OF VANCOUVER ISLAND								
JAN 15	14 58 53.	53.5 N	117.5 W		ML=2.3	3	5	2	0
	100 KM EAST OF MICA CREEK ON B.C. - ALBERTA BORDER								
JAN 16	22 33 54.(1)	53.09 N(0.07)	117.32 W(0.07)	0.9	MN=2.2()	3	6	1	0
	EAST OF JASPER ALBERTA								
JAN 22	07 07 25.	48.5 N	129.0 W		ML=3.2	6	8	6	0
	WEST OF VANCOUVER ISLAND								
FEB 5	07 33 28.	51.75 N	130.65 W		ML=5.5	6	7	3	F
ISC	07 33 27.(0)	51.78 N(0.03)	130.78 W(0.06)	1.6	MB=5.1	161	161	9	
NEIS	07 33 29.	51.89 N	130.86 W	1.2	MB=5.1	87	87	9	
NEIS					MS=5.7			6	
	ISC DEPTH = 20 +/- 3 KM SOUTH OF QUEEN CHARLOTTE ISLANDS. FELT AT SANDSPIT AND CAPE ST JAMES								
FEB 5	08 00 119	51.8 N	130.7 W		ML=3.0	3	6	3	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	08 03 58.	51.8 N	130.7 W		ML=3.5	3	6	3	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	08 07 01.	51.8 N	130.7 W		ML=3.0	3	6	3	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	08 58 39.	51.8 N	130.7 W		ML=2.7	2	4	2	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	09 18 19.	51.8 N	130.7 W		ML=2.5	2	4	2	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	09 46 21.	51.8 N	130.7 W		ML=3.1	3	6	3	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 5	11 00 08.	51.8 N	130.7 W		ML=3.3	3	6	3	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 6	17 37 04.	51.8 N	130.7 W		ML=3.1	2	4	2	0
	QUEEN CHARLOTTE ISLANDS. AFTERSHOCK OF 05 FEB 07H								
FEB 11									
ISC	06 24 43.(1)	54.39 N(0.10)	135.7 W(0.15)	2.4		21	21	0	F
NEIS	06 24 46.	54.7 N	135.2 W	0.8	MB=4.6	12	12	6	
	NORTHWEST OF QUEEN CHARLOTTE ISLANDS								
FEB 25	06 45 34.	50.0 N	130.0 W		ML=3.4	5	6	4	0
	WEST OF VANCOUVER ISLAND								
FEB 28	20 42 14.(3)	50.95 N(0.07)	113.77 W(0.16)	1.2	MN=2.4()	3	5	1	0
	NEAR CALGARY ALBERTA								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
MAR 6	11 52 29.	50.5 N	130.0 W		ML=3.6	3	4	2	0
	WEST OF VANCOUVER ISLAND								
MAR 10	15 38 28.	49.4 N	127.2 W			6	6	0	F
ISC	15 38 26.(2)	49.35 N(0.02)	127.46 W(0.05)	1.0	MB=5.0	63	63	8	
NEIS	15 38 29.	49.3 N	127.4 W	0.8	MB=5.0	40	40	10	
	ISC DEPTH = 8 +/- 10 KM WEST OF VANCOUVER ISLAND								
MAR 12	21 01 50.	49.0 N	130.0 W		ML=2.9	3	4	3	0
	WEST OF VANCOUVER ISLAND								
MAR 13	23 51 38.	50.56 N	129.90 W		ML=6.4	20	20	8	F
ISC	23 51 34.(0)	50.61 N(0.02)	129.99 W(0.04)	1.3	MB=5.7	231	231	39	
NEIS	23 51 36.	50.6 N	129.9 W	1.1	MB=5.7	124	124	35	
NEIS					MS=6.1			5	
	ISC DEPTH = 22 +/- 2 KM WEST OF VANCOUVER ISLAND								
MAR 14	00 10 39.	50.6 N	129.9 W		ML=4.3	6	12	6	0
	WEST OF VANCOUVER ISLAND								
MAR 14	00 44 16.	50.6 N	129.9 W		ML=4.0	5	10	5	0
	WEST OF VANCOUVER ISLAND								
MAR 14	00 51 07.	50.6 N	129.9 W		ML=4.3	5	10	5	F
ISC	00 51 09.(1)	50.78 N(0.08)	129.7 W(0.15)	2.4		23	23	0	
NEIS	00 51 09.	50.8 N	129.6 W	1.4	MB=4.2	16	16	5	
	WEST OF VANCOUVER ISLAND								
MAR 14	04 41 58.	50.6 N	129.9 W		ML=4.1	5	6	1	F
ISC	04 42 01.(1)	50.76 N(0.06)	129.4 W(0.13)	2.0		26	26	0	
NEIS	04 41 58.	50.7 N	129.7 W	1.0	MB=4.2	16	16	4	
	ISC DEPTH = 39 +/- 16 KM WEST OF VANCOUVER ISLAND								
MAR 15	05 18 56.	50.6 N	129.9 W		ML=4.2	5	6	2	F
ISC	05 18 55.(1)	50.20 N(0.03)	129.49 W(0.06)	1.2	MB=4.8	56	56	5	
NEIS	05 18 54.	50.1 N	129.6 W	0.9	MB=4.8	46	46	12	
	NEIS DEPTH RESTRICTED TO 35 KM ISC DEPTH = 35 +/- 6 KM WEST OF VANCOUVER ISLAND								
APR 3	11 53 28.	50.0 N	130.0 W		ML=3.4	4	7	4	0
	WEST OF VANCOUVER ISLAND								
APR 24	06 03 06.(1)	53.72 N(0.03)	119.15 W(0.06)	2.0	MN=3.1(0.2)	8	23	4	F
	WILLMORE WILDERNESS PROVINCIAL PARK NW OF JASPER ALBERTA POSSIBLE BLAST								
MAY 9	04 46 30.	48.5 N	128.5 W		ML=3.0	5	9	4	0
	WEST OF VANCOUVER ISLAND								
MAY 17	19 41 17.	48.9 N	123.2 W		ML=2.6	3	4	1	0
	GULF ISLANDS								
MAY 28	12 11 03.	52.4 N	132.4 W		ML=4.6	5	5	1	0
ISC	12 11 03.(0)	52.81 N(0.04)	132.89 W(0.08)	1.8	MB=4.6	59	59	4	
NEIS	12 11 03.	52.8 N	132.9 W	1.4	MB=4.7	35	35	8	
NEIS					MS=4.6			1	
	QUEEN CHARLOTTE ISLANDS								
JUN 21	11 04 24.(1)	52.88 N(0.09)	116.82 W(0.08)	1.2	ML=2.7(0.3)	3	6	2	F
	EAST OF JASPER ALBERTA								
JUN 29	06 28 54.	51.2 N	129.6 W		ML=4.2	4	5	1	0
ISC	06 28 26.(1)	51.3 N(0.11)	130.0 W(0.17)	2.5		18	18	0	
NEIC	06 28 27.	51.2 N	129.8 W	0.8	MB=4.4	12	12	6	
	NORTHWEST OF VANCOUVER ISLAND								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
JUL 15	00 24 02.	54.6 N	133.6 W		ML=5.3	8	9	2	F
ISC	00 24 03.(1)	54.0 N(0.10)	134.0 W(0.18)	4.4	MB=4.9	90	90	11	
NEIC	00 24 02.	54.2 N	133.7 W		MB=5.2	35	35	17	
NORTHWEST OF QUEEN CHARLOTTE ISLANDS. FELT AT PORT CLEMENTS, QUEEN CHARLOTTE CITY AND MASSET ON THE QUEEN CHARLOTTE ISLANDS, AND IN ALASKA AT SITKA AND KETCHIKAN.									
JUL 22	14 05 30.	50.6 N	129.2 W		ML=4.2	6	6	3	F
ISC	14 05 32.(1)	50.77 N(0.07)	129.4 W(0.14)	2.2		24	24	0	
NEIC	14 05 32.	50.8 N	129.4 W		MB=4.1	15	15	4	
WEST OF VANCOUVER ISLAND									
AUG 18	05 18 08.(1)	53.89 N(0.10)	117.16 W(0.10)	0.6	MN=3.0()	2	5	1	0
NORTHEAST OF JASPER ALBERTA									
AUG 21	11 11 44.	50.6 N	130.0 W		ML=3.4	5	6	2	0
ISC	11 11 45.(7)	50.6 N(0.10)	129.6 W(0.23)	2.7		15	15	0	
NEIC	11 11 46.	50.6 N	129.4 W		MB=4.3	10	10	3	
ISC DEPTH = 16 +/- 62 KM WEST OF VANCOUVER ISLAND									
AUG 31	00 30 47.	51.7 N	130.6 W		ML=3.2	2	3	1	0
SOUTH OF QUEEN CHARLOTTE ISLANDS									
SEP 26	22 27 31.	49.9 N	126.4 W		ML=2.3	3	4	3	0
WEST COAST OF VANCOUVER ISLAND									
SEP 29	00 00 40.	51.4 N	131.1 W		ML=3.0	2	3	2	0
SOUTH OF QUEEN CHARLOTTE ISLANDS									
OCT 12	19 09 53.(4)	59.78 N(0.15)	135.29 W(0.74)	1.9	ML=3.4()	3	5	1	0
NORTHWESTERN BRITISH COLUMBIA, NORTH OF SKAGWAY									
OCT 13	15 40 17.	51.6 N	131.6 W		ML=2.8	3	4	1	0
SOUTH OF QUEEN CHARLOTTE ISLANDS									
OCT 15	09 04 04.(3)	52.99 N(0.18)	116.16 W(0.21)	1.4	ML=2.7(0.1)	3	5	2	0
WEST OF EDMONTON ALBERTA									
OCT 19	20 02 29.	50.0 N	129.5 W		ML=2.9	3	4	3	0
WEST OF VANCOUVER ISLAND									
OCT 27	13 57 14.	50.0 N	130.0 W		ML=3.3	4	7	4	0
WEST OF VANCOUVER ISLAND									
NOV 6	11 12 52.(4)	51.15 N(0.21)	135.28 W(0.29)	1.8	ML=4.0(0.3)	5	7	2	0
SOUTHWEST OF QUEEN CHARLOTTE ISLANDS									
NOV 14	10 43 07.	51.6 N	131.1 W		ML=3.1	2	3	1	0
SOUTH OF QUEEN CHARLOTTE ISLANDS									
NOV 18	02 46 17.	51.0 N	129.7 W		ML=3.1	2	3	1	0
WEST OF VANCOUVER ISLAND									
NOV 20	21 24 37.	48.6 N	129.4 W		ML=5.0	5	6	2	F
ISC	21 24 42.(0)	48.79 N(0.02)	129.46 W(0.04)	1.5	MB=5.5	171	171	22	
NEIC	21 24 43.	48.8 N	129.5 W	1.2	MB=5.5	104	104	28	
NEIC					MS=5.7			2	
ISC DEPTH = 28 +/- 2 KM WEST OF VANCOUVER ISLAND									
NOV 20	22 04 19.	50.8 N	131.0 W		ML=2.4	2	3	1	0
WEST OF VANCOUVER ISLAND									
NOV 25	07 10 08.(3)	59.19 N(0.07)	136.81 W(0.30)	1.6	ML=3.3(0.0)	3	7	2	F
NORTHWESTERN BRITISH COLUMBIA, WEST OF HAINES									

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
NOV 25	23 01 33.	49.1 N	129.0 W		ML=4.4	4	5	2	0
ISC	23 01 35.(4)	49.38 N(0.03)	129.37 W(0.09)	1.0		23	23	0	
NEIC	23 01 38.	49.4 N	129.4 W	0.7	MB=4.4	18	18	5	
	ISC DEPTH = 8 +/- 26 KM WEST OF VANCOUVER ISLAND								
NOV 25	23 40 08.	49.0 N	129.1 W		ML=5.1	5	6	2	F
ISC	23 40 13.(0)	48.76 N(0.03)	129.16 W(0.06)	1.7	MB=5.1	111	111	13	
NEIC	23 40 12.	48.8 N	129.4 W	1.1	MB=5.1	42	42	22	
	WEST OF VANCOUVER ISLAND								
NOV 25	23 05 01.	49.4 N	129.4 W		ML=2.8	2	3	1	0
	WEST OF VANCOUVER ISLAND								
NOV 29	06 48 58.	48.7 N	129.0 W		ML=2.9	4	5	4	0
	WEST OF VANCOUVER ISLAND								
NOV 29	16 22 33.(3)	59.44 N(0.06)	136.97 W(0.27)	0.6	ML=2.6(0.6)	3	4	2	0
	NORTHWESTERN BRITISH COLUMBIA, WEST OF HAINES								
NOV 29.	22 21 41.	48.7 N	129.0 W		ML=2.7	5	5	3	0
	WEST OF VANCOUVER ISLAND								
DEC 5	05 50 08.	49.4 N	129.5 W		ML=5.2	5	5	2	F
ISC	05 50 07.(0)	49.53 N(0.05)	129.47 W(0.09)	2.9	MB=5.5	168	168	16	
NEIC	05 50 06.	49.6 N	129.4 W	0.9	MB=5.6	56	56	22	
NEIC					MS=6.0			4	
	ISC AND NEIC DEPTH RESTRICTED TO 5 KM WEST OF VANCOUVER ISLAND. THIS IS THE LARGEST EVENT IN A SERIES BEGINNING IN MID-NOVEMBER. ALSO SEE TABLE 18.								
DEC 5	06 12 51.	49.8 N	129.2 W		ML=5.0	4	4	2	F
ISC	06 12 51.(0)	49.68 N(0.03)	129.25 W(0.06)	1.4	MB=5.1	94	94	9	
NEIC	06 12 51.	49.7 N	129.1 W	0.9	MB=5.1	39	39	14	
	NEIC DEPTH RESTRICTED TO 16 KM ISC DEPTH = 14 +/- 2 KM WEST OF VANCOUVER ISLAND								
DEC 8	08 25 02.	49.2 N	128.1 W		ML=4.6	3	4	1	F
ISC	08 25 02.(0)	49.23 N(0.03)	128.41 W(0.06)	1.2		33	33	0	
NEIC	08 25 02.	49.2 N	128.4 W	0.9	MB=4.6	26	26	10	
	WEST OF VANCOUVER ISLAND								
DEC 8	08 35 25.	49.2 N	128.1 W		ML=5.0	3	4	1	F
ISC	08 38 25.(0)	49.12 N(0.03)	128.53 W(0.06)	1.7	MB=5.3	115	115	7	
NEIC	08 38 24.	49.1 N	128.5 W	1.2	MB=5.2	71	71	13	
NEIC					MS=5.3			2	
	ISC DEPTH = 35 +/- 4 KM WEST OF VANCOUVER ISLAND								
DEC 10	20 25 14.	49.8 N	129.0 W		ML=4.0	3	4	1	F
ISC	20 25 14.(2)	49.80 N(0.07)	129.0 W(0.17)	2.9		31	31	0	
NEIC	20 25 13.	49.8 N	129.1 W	1.0	MB=4.2	15	15	8	
	ISC DEPTH = 41 +/- 24 KM WEST OF VANCOUVER ISLAND								
DEC 11	10 39 11.	49.2 N	128.4 W		ML=4.2	3	4	1	F
ISC	10 39 12.(1)	49.17 N(0.04)	128.39 W(0.08)	1.4		28	28	0	
NEIC	10 39 12.	49.2 N	128.4 W	0.8	MB=4.5	19	19	7	
	ISC AND NEIC DEPTH RESTRICTED TO 26 KM WEST OF VANCOUVER ISLAND								
DEC 16	09 35 42.	49.0 N	129.5 W		ML=3.0	2	3	2	0
	WEST OF VANCOUVER ISLAND								
DEC 20	09 15 08.	49.2 N	128.5 W		ML=3.8	3	3	1	0
ISC	09 15 09.(1)	49.20 N(0.04)	128.45 W(0.08)	1.4		21	21	0	
NEIC	09 15 08.	49.1 N	128.5 W	0.7	MB=3.9	15	15	4	
	WEST OF VANCOUVER ISLAND								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
DEC 23	18 48 57.	50.5 N	124.5 W		ML=3.3	6	12	6	0
	BUTE INLET REGION								
DEC 24	11 38 01.(3)	50.76 N(0.10)	114.10 W(0.19)	1.4	ML=2.1(0.2)	3	5	2	0
	SOUTH OF CALGARY ALBERTA								
DEC 25	18 18 35.	49.3 N	128.5 W		ML=4.3	3	4	1	0
ISC	18 18 37.(4)	49.25 N(0.05)	128.48 W(0.08)	1.1		25	25	0	
NEIC	18 18 41.	49.3 N	128.4 W	1.1	MB=4.5	21	21	8	
	ISC DEPTH = 1 +/- 27 KM WEST OF VANCOUVER ISLAND								
DEC 26	15 17 05.	50.0 N	130.5 W		ML=3.5	3	6	3	0
	WEST OF VANCOUVER ISLAND								
DEC 27	10 15 50.(2)	52.48 N(0.08)	116.73 W(0.12)	1.6	ML=2.6(0.3)	4	7	2	F
	SOUTHEAST OF JASPER ALBERTA								
DEC 28	19 57 12.	51.3 N	131.0 W		ML=3.4	4	8	4	0
	WEST OF VANCOUVER ISLAND								
DEC 30	07 45 11.	49.1 N	128.8 W		ML=4.0	3	4	1	0
ISC	07 45 11.(1)	49.09 N(0.10)	128.8 W(0.10)	1.7		14	14	0	
NEIC	07 45 10.	48.9 N	128.8 W	1.0	MB=4.2	10	10	5	
	WEST OF VANCOUVER ISLAND								

B. UNITED STATES EPICENTRES

JAN 01									
ISC	04 45 30.(0)	59.62 N(0.02)	144.65 W(0.04)	1.0	MB=5.1	108	108	20	F
NEIS	04 45 29.	59.6 N	144.6 W	0.8	MB=5.2	49	49	13	
	NEIS DEPTH RESTRICTED TO 16 KM ISC DEPTH = 18 +/- 4 KM GULF OF ALASKA								
JAN 02									
ISC	19 09 51.(0)	59.58 N(0.05)	144.70 W(0.09)	2.0	MB=4.8	65	65	8	F
NEIS	19 09 50.	59.5 N	144.8 W	0.6	MB=4.9	30	30	8	
	ISC AND NEIS DEPTH RESTRICTED TO 24 KM GULF OF ALASKA								
JAN 14	03 26 21.	47.5 N	123.0 W		ML=2.6	3	6	3	0
	SOUTH END OF PUGET SOUND								
JAN 14	08 29 36.	47.5 N	123.0 W		ML=3.2	3	3	3	0
ISC	08 29 35.(1)	47.35 N(0.05)	123.47 W(0.09)	1.0		22	22	0	
NEIS	08 29 36.	47.3 N	123.4 W	1.3		19	19	0	
	NEIS DEPTH RESTRICTED TO 40 KM ISC DEPTH = 80 +/- 5 KM SOUTH END OF PUGET SOUND. FELT IN OLYMPIA - TACOMA AREA. MAXIMUM INTENSITY IV. (SEE REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 72)								
JAN 20	01 19 14.(1)	58.93 N(0.05)	136.85 W(0.07)	2.1	MN=3.9(0.1)	15	22	6	F
ISC	01 19 13.(0)	58.97 N(0.05)	137.16 W(0.08)	1.6	MB=3.9	24	24	3	
NEIS	01 19 13.	58.9 N	137.2 W	1.5	MB=4.0	21	21	5	
	ALASKAN PANHANDLE SW OF HAINES								
JAN 25	21 37 53.	48.7 N	123.0 W		ML=3.8	4	5	3	0
	VICINITY OF LOPEZ ISLAND IN SAN JUAN ISLANDS. INTENSITY III TO IV IN VICTORIA. ALSO FELT IN DUNCAN, BELLINGHAM, AND SEATTLE.								
FEB 25	14 40 47.(1)	48.19 N(0.06)	115.27 W(0.05)	1.4	MN=2.7(0.2)	7	11	2	F
ISC	14 40 46.(1)	48.1 N(0.15)	115.4 W(0.21)	4.4		8	8	0	
NEIS	14 40 45.	48.2 N	115.2 W	1.2		6	6	0	
	ISC AND NEIS DEPTH RESTRICTED TO 17 KM NORTHWESTERN MONTANA. FELT WITH INTENSITY IV IN CRYSTAL LAKE-LAVONNE LAKE AREA.								

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA STN PHA MAG			
APR 8	00 45 46.(3)	59.13 N(0.11)	136.50 W(0.68)	0.9	ML=4.0()	3	4	1	0
ALASKAN PANHANDLE SW OF HAINES									
JUN 24	ISC 14 05 46.(0)	48.45 N(0.05)	113.19 W(0.17)	1.9		17	17	0	F
	NEIC 14 05 46.	48.3 N	113.1 W	0.7	ML=4.0	11	11		
ISC AND NEIC DEPTH RESTRICTED TO 5 KM NORTHWESTERN MONTANA									
AUG 7	09 09 51.	48.1 N	121.9 W		ML=2.2	3	2	1	0
NORTHWESTERN WASHINGTON STATE									
SEP 22	11 37 10.	48.8 N	121.8 W		ML=3.0	2	3	1	0
NEAR MOUNT BAKER IN NW WASHINGTON STATE									
SEP 28	15 54 44.(1)	59.92 N(0.03)	139.59 W(0.11)	0.6	ML=3.0(0.0)	3	5	2	0
YAKUTAT BAY, SOUTHEASTERN ALASKA									
NOV 17	09 31 26.(3)	59.57 N(0.07)	138.86 W(0.24)	1.1	ML=3.0(0.5)	3	5	2	0
SOUTHEASTERN ALASKA NEAR YAKUTAT									
NOV 19	22 09 31.(3)	58.90 N(0.09)	137.01 W(0.34)	1.4	ML=3.0(0.2)	3	5	2	0
ALASKAN PANHANDLE SOUTHWEST OF HAINES									
NOV 23	02 12 19.(2)	48.32 N(0.13)	121.44 W(0.09)	2.5	ML=4.1()	6	11	1	F
NORTHERN WASHINGTON STATE									
NOV 28	18 52 42.	47.1 N	125.0 W		ML=2.8	3	4	2	0
OFF COAST OF WASHINGTON									
NOV 30	01 47 24.(2)	48.50 N(0.09)	115.30 W(0.06)	1.2	ML=3.0(0.1)	4	7	2	F
NORTHWESTERN MONTANA									
DEC 9	20 33 15.(3)	56.43 N(0.11)	135.59 W(0.17)	1.8	ML=4.2()	4	7	1	F
OFF COAST OF ALASKAN PANHANDLE									
DEC 16	22 53 43.(3)	48.61 N(0.18)	115.35 W(0.11)	1.8	ML=2.9(0.2)	3	5	2	0
NORTHWESTERN MONTANA									
DEC 23	07 03 07.(1)	59.90 N(0.06)	141.62 W(0.06)	1.3	ML=4.3()	12	15	1	F
	ISC 07 03 13.(1)	60.35 N(0.06)	142.3 W(0.16)	1.2		14	14	0	
	NEIC 07 03 09.	60.2 N	141.8 W	1.5	MB=3.6	12	12	3	
ISC DEPTH = 104 +/- 18 KM SOUTHEASTERN ALASKA									
DEC 28	ISC 07 50 00.(1)	47.53 N(0.07)	122.29 W(0.09)	2.5		17	17	0	F
	NEIC 07 50 00.	47.6 N	122.2 W	0.8	MB=4.0	13	13	1	
ISC AND NEIC DEPTH RESTRICTED TO 30 KM WASHINGTON STATE. FELT OVER AN AREA OF APPROX. 4700 SQ KM OF SOUTHEAST PUGET SOUND. MAXIMUM INTENSITY IV. (SEE REFERENCE-UNITED STATES EARTHQUAKES 1971, PAGE 72)									

TABLE 4
EARTHQUAKES OF CENTRAL CANADA AND ADJACENT AREAS
1971

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

A. CANADIAN EPICENTRES

DATE 1971	H-TIME (GMT) HR MN SEC	LATITUDE DEG	LONGITUDE DEG	RMS SEC	MAGNITUDE	NO. OF DATA			
						STN	PHA	MAG	
NOV 20	04 26 56.(1)	56.75 N(0.05)	89.45 W(0.06)	0.9	MN=2.7()	4	5	1	0
SOUTH COAST OF HUDSON BAY, SOUTHEAST OF CAPE TATNAM									

B. UNITED STATES EPICENTRES

OCT 1	08 47 28.(2)	47.70 N(0.10)	105.62 W(0.11)	1.6	MN=2.7(0.2)	3	9	2	F
NORTHEASTERN MONTANA									

TABLE 5

UNLOCATED EVENTS RECORDED AT INK

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 8	22 17 48.	198	ML=2.0	
JAN 9	00 20 53.	204	ML=2.6	
JAN 11	09 09 11.	287	ML=2.1	
JAN 18	14 56 06.	82	ML=1.2	
JAN 19	04 08 32.	833	ML=3.8	PROBABLY SW YUKON TERRITORY
JAN 23	00 27 27.	842	ML=3.5	PROBABLY ALASKA OR SW YUKON TERRITORY
JAN 25	07 10 47.	386	ML=3.0	
JAN 29	05 20 59.	106	ML=2.3	
FEB 2	00 07 25.	224	ML=2.1	
FEB 8	07 46 48.	230	ML=1.9	
FEB 10	03 22 07.	195	ML=2.2	
FEB 10	13 20 32.	372	ML=2.6	
FEB 18	22 26 25.	217	ML=1.9	
FEB 20	00 38 25.	211	ML=1.7	
FEB 23	04 11 48.	205	ML=1.8	
FEB 25	02 30 22.	408	ML=2.8	
FEB 28	01 05 28.	191	ML=2.8	
FEB 28	15 30 20.	181	ML=2.5	
MAR 3	17 59 27.	130	ML=1.9	
MAR 4	20 37 56.	208	ML=2.3	
MAR 7	02 47 34.	181	ML=1.2	
MAR 9	10 13 11.	339	ML=2.3	
MAR 10	15 02 49.	114	ML=1.7	
MAR 12	12 38 08.	128	ML=1.7	
MAR 13	07 41 05.	160	ML=1.3	SOUTHWEST OF INK
MAR 14	04 55 58.	208	ML=1.9	
MAR 16	04 13 45.	95	ML=1.0	
MAR 16	06 12 57.	256	ML=1.6	
MAR 19	20 19 20.	497	ML=2.6	
MAR 21	20 13 15.	224	ML=1.5	
MAR 23	23 47 48.	179	ML=2.1	
MAR 25	04 58 59.	133	ML=1.7	
MAR 27	03 00 26.	885	ML=3.6	SW YUKON TERRITORY OR ALASKA
MAR 27	19 54 38.	874	ML=3.3	SW YUKON TERRITORY OR ALASKA
MAR 31	21 52 04.	264	ML=2.6	
APR 1	14 59 33.	125	ML=1.5	
APR 2	03 00 20.	131	ML=1.8	
APR 2	03 23 43.	128	ML=1.2	
APR 4	14 02 31.	182	ML=1.2	
APR 6	09 08 20.	284	ML=2.3	
APR 19	08 24 30.	197	ML=1.8	
APR 19	08 51 11.	361	ML=2.6	
APR 19	16 56 34.	195	ML=1.8	
APR 20	18 04 34.	341	ML=2.5	APPROX. 920 KM FROM YKC
APR 22	19 11 50.	284	ML=1.9	
APR 23	10 07 17.	230	ML=2.0	
APR 24	05 56 34.	193	ML=1.9	
APR 26	03 09 47.	189	ML=1.6	
MAY 3	06 07 58.	275	ML=2.3	
MAY 4	03 56 56.	238	ML=2.3	
MAY 7	20 37 56.	317	ML=2.5	
MAY 8	06 06 29.	190	ML=1.4	
MAY 8	10 53 12.	438	ML=2.5	
MAY 8	22 23 52.	196	ML=1.5	
MAY 9	18 34 21.	281	ML=2.3	
MAY 10	22 47 44.	128	ML=1.1	
MAY 11	13 08 00.	768	ML=3.4	
MAY 12	03 00 15.	182	ML=1.2	
MAY 12	12 00 55.	645	ML=3.1	
MAY 12	20 01 26.	352	ML=2.6	
MAY 13	01 01 56.	762	ML=3.5	
MAY 13	06 38 52.	166	ML=1.3	
MAY 13	21 49 02.	116	ML=1.1	
MAY 18	03 45 42.	553	ML=2.9	
MAY 23	01 41 27.	212	ML=2.2	
MAY 30	04 54 46.	226	ML=1.8	

TABLE 5 (CONTINUED)

UNLOCATED EVENTS RECORDED AT INK

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 1	15 55 05.	172	ML=2.5	
JUN 4	15 57 08.	133	ML=2.3	
JUN 5	03 41 39.	762	ML=3.5	ALASKA OR SW YUKON TERRITORY
JUN 7	10 17 33.	275	ML=2.1	
JUN 10	19 47 43.	173	ML=1.6	
JUN 12	08 41 07.	224	ML=1.8	
JUN 13	05 48 59.	182	ML=2.0	
JUN 16	20 19 02.	310	ML=2.4	
JUN 19	22 11 55.	179	ML=1.6	
JUN 21	05 13 04.	731	ML=3.3	ALASKA OR SW YUKON TERRITORY
JUN 22	14 10 44.	304	ML=2.0	
JUN 26	19 45 11.	316	ML=2.7	
JUN 27	12 01 35.	115	ML=1.4	
JUN 28	12 40 59.	125	ML=1.2	
JUN 29	20 28 38.	205	ML=2.6	
JUL 1	04 58 25.	300	ML=2.1	
JUL 8	01 51 57.	153	ML=1.9	
JUL 14	01 54 10.	364	ML=2.4	
JUL 14	02 08 05.	605	ML=3.0	
JUL 14	04 44 25.	377	ML=2.3	
JUL 19	04 44 05.	281	ML=2.0	
JUL 21	14 01 20.	227	ML=2.2	
JUL 21	23 28 25.	311	ML=2.8	
JUL 25	08 06 59.	95	ML=0.8	
AUG 5	11 33 25.	206	ML=1.6	
AUG 7	09 21 57.	94	ML=2.1	
AUG 14	12 43 46.	173	ML=2.1	
AUG 24	05 47 50.	180	ML=1.6	
AUG 31	04 54 51.	179	ML=1.6	
SEP 3	17 51 35.	181	ML=2.8	
SEP 16	05 15 44.	284	ML=2.1	
SEP 19	11 21 25.	216	ML=1.9	
SEP 21	19 11 27.	192	ML=1.8	
SEP 25	06 00 17.	198	ML=2.1	
SEP 25	16 48 23.	125	ML=2.7	SOUTHWEST OF INK. APPROX. 1070 KM FROM MBC
SEP 26	01 38 40.	125	ML=2.2	WEST OF INK
SEP 26	21 45 16.	498	ML=2.9	APPROX. 430 KM FROM WHC
SEP 29	21 11 56.	170	ML=2.6	
OCT 2	04 18 48.	167	ML=1.5	
OCT 15	13 15 26.	202	ML=1.8	
OCT 15	17 50 41.	223	ML=2.1	
OCT 16	07 17 35.	287	ML=2.5	
OCT 16	09 29 38.	179	ML=1.4	
OCT 16	09 36 15.	169	ML=1.5	
OCT 17	17 27 51.	180	ML=1.7	
OCT 18	15 40 11.	210	ML=2.5	
OCT 23	03 02 40.	173	ML=1.5	SOUTHWEST FROM INK
OCT 31	05 20 17.	186	ML=2.0	
OCT 31	06 13 26.	195	ML=1.9	
NOV 2	17 54 54.	181	ML=1.8	
NOV 3	11 23 09.	205	ML=2.4	
NOV 7	10 48 28.	281	ML=1.9	
NOV 9	06 49 30.	129	ML=1.5	
NOV 9	09 18 17.	179	ML=1.7	
NOV 10	22 51 37.	281	ML=2.4	
NOV 19	11 55 35.	280	ML=2.1	
NOV 21	07 34 55.	210	ML=1.9	
NOV 21	08 44 52.	243	ML=1.9	
NOV 21	22 05 08.	193	ML=1.6	
NOV 22	16 51 08.	223	ML=2.6	APPROX. 720 KM FROM WHC
NOV 23	17 19 29.	217	ML=1.7	
NOV 27	08 44 45.	363	ML=2.4	
NOV 27	11 05 01.	411	ML=2.3	
NOV 28	04 17 20.	183	ML=1.2	

TABLE 5 (CONTINUED)

UNLOCATED EVENTS RECORDED AT INK

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
DEC 2	01 39 41.	132	ML=1.5	
DEC 3	01 30 25.	142	ML=1.3	
DEC 8	07 43 19.	166	ML=1.4	
DEC 10	03 36 43.	198	ML=1.7	
DEC 14	04 55 20.	186	ML=2.5	
DEC 18	09 09 33.	171	ML=1.7	
DEC 22	12 23 46.	186	ML=1.8	
DEC 30	12 10 30.	179	ML=1.6	

TABLE 6

UNLOCATED EVENTS RECORDED AT WHC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
SEP 6	20 48 28.	245	ML=2.2	APPROX. 310 KM FROM SHAFT CREEK
SEP 16	16 17 08.	217	ML=2.9	APPROX. 320 KM FROM SHAFT CREEK
SEP 26	22 49 55.	173	ML=2.6	
OCT 1	20 41 56.	256	ML=3.0	APPROX. 370 KM FROM SHAFT CREEK
OCT 3	03 11 35.	159	ML=1.9	
OCT 7	08 21 15.	211	ML=2.1	
OCT 12	00 39 05.	319	ML=3.4	APPROX. 670 KM FROM SHAFT CREEK
OCT 15	15 47 15.	217	ML=2.9	APPROX. 490 KM FROM SHAFT CREEK
OCT 15	16 37 41.	230	ML=2.3	
OCT 18	15 41 04.	225	ML=2.4	
OCT 21	02 52 04.	203	ML=2.0	APPROX. 380 KM FROM SHAFT CREEK
OCT 24	22 08 51.	278	ML=3.5	APPROX. 240 KM FROM SHAFT CREEK
OCT 31	04 02 22.	179	ML=1.8	APPROX. 350 KM FROM SHAFT CREEK
NOV 6	04 08 25.	166	ML=2.2	
NOV 6	07 52 03.	163	ML=1.7	
NOV 7	13 34 13.	142	ML=1.9	
NOV 11	23 06 06.	358	ML=2.9	
NOV 20	04 51 52.	186	ML=2.4	APPROX. 350 KM FROM SHAFT CREEK
NOV 22	12 03 35.	338	ML=3.0	
NOV 30	20 06 14.	243	ML=2.2	
DEC 3	11 31 54.	269	ML=2.7	APPROX. 380 KM FROM SHAFT CREEK
DEC 19	16 39 26.	249	ML=3.0	APPROX. 630 KM FROM SHAFT CREEK
DEC 24	13 21 40.	281	ML=2.7	APPROX. 570 KM FROM SHAFT CREEK
DEC 28	14 06 31.	269	ML=2.9	APPROX. 380 KM FROM SHAFT CREEK
DEC 28	15 08 06.	256	ML=2.8	APPROX. 360 KM FROM SHAFT CREEK

TABLE 7

UNLOCATED EVENTS RECORDED AT YKC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
DEC 30	06 08 54.	334	ML=2.6	

TABLE 8

UNLOCATED EVENTS RECORDED AT BLC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
SEP 30	11 09 06.	179	ML=1.7	NORTH OR SOUTH OF BLC

TABLE 9

UNLOCATED EVENTS RECORDED AT RES

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 8	19 14 46.	72	ML=1.6	PROBABLY SOUTH OF RES
JAN 8	19 21 49.	73	ML=1.9	PROBABLY SOUTH OF RES
JAN 9	02 42 05.	243	ML=1.8	
JAN 25	01 55 40.	52	ML=1.9	SOUTHEAST OF RES
JAN 27	01 48 31.	60	ML=1.3	
FEB 6	02 30 34.	60	ML=0.9	
MAR 4	01 05 18.	163	ML=1.6	
MAR 4	02 23 40.	99	ML=0.8	
MAR 5	00 35 24.	167	ML=1.3	
MAR 8	22 04 35.	198	ML=2.0	
MAR 12	03 37 14.	87	ML=1.0	
MAR 17	16 58 39.	42	ML=1.0	THESE 12 EVENTS ARE AFTERSHOCKS OF THE EVENT OF 17 MAR
MAR 17	17 45 17.	41	ML=1.8	16H ON CORNWALLIS ISLAND. IN ADDITION THERE ARE 38
MAR 17	18 16 45.	44	ML=1.4	OTHER AFTERSHOCKS OCCURRING BETWEEN 17 MAR 16H AND
MAR 17	18 30 42.	41	ML=1.4	21 MAR 05H WITH MAGNITUDES BETWEEN ML=0.5 AND ML0.6
MAR 17	19 01 10.	41	ML=0.9	
MAR 17	21 11 15.	44	ML=1.5	
MAR 18	01 39 17.	43	ML=1.8	
MAR 18	02 32 00.	41	ML=0.8	
MAR 18	19 55 27.	44	ML=1.1	
MAR 19	22 28 48.	42	ML=0.9	
MAR 23	08 33 31.	42	ML=0.9	
MAR 24	00 42 38.	42	ML=0.4	
MAR 24	23 15 03.	32	ML=0.2	SOUTH SHORE OF CORNWALLIS ISLAND, ESE FROM RES
APR 1	19 13 17.	20	ML=1.3	BARROW STRAIT SOUTHEAST OF RES
APR 8	01 07 47.	42	ML=1.9	CORNWALLIS ISLAND NNE OF RES
APR 11	06 23 45.	40	ML=1.4	CORNWALLIS ISLAND NNE OF RES
APR 11	16 14 42.	40	ML=0.6	CORNWALLIS ISLAND NNE OF RES
APR 15	13 01 53.	6	ML=0.3	NNE OF RES. DEPTH RESTRICTED TO 5 KM
MAY 2	04 34 03.	41	ML=0.7	
MAY 4	19 31 11.	37	ML=1.4	BARROW STRAIT SOUTHEAST OF RES
MAY 5	00 57 16.	41	ML=1.7	CORNWALLIS ISLAND NNE OF RES
MAY 7	11 24 30.	49	ML=1.4	
MAY 9	21 04 52.	48	ML=0.7	
MAY 12	02 25 13.	214	ML=1.6	
MAY 15	04 57 05.	197	ML=1.7	
MAY 31	22 31 03.	52	ML=1.7	
JUN 10	19 59 46.	43	ML=1.8	CORNWALLIS ISLAND NORTH OF RES
JUN 11	04 19 53.	49	ML=1.2	
JUN 11	04 37 43.	38	ML=0.4	
JUN 26	17 21 02.	142	ML=1.4	
JUN 27	16 55 48.	144	ML=2.1	SOMERSET ISLAND. AFTERSHOCK OF EVENT OF 27 JUN 3H
JUN 28	06 07 34.	142	ML=1.5	SOMERSET ISLAND. AFTERSHOCK OF EVENT OF 27 JUN 3H
JUL 3	01 46 56.	142	ML=1.4	
JUL 4	20 45 08.	370	ML=2.3	POSSIBLE AFTERSHOCK OF 4 JUL 19H IN LANCASTER SOUND
JUL 9	10 26 52.	192	ML=2.1	PROBABLY SOMERSET ISLAND SOUTH OF RES
JUL 9	22 21 40.	43	ML=0.9	EAST OF RES
JUL 10	14 26 43.	104	ML=1.2	
JUL 11	18 42 48.	28	ML=1.7	NORTHWEST OF RES
JUL 11	19 47 55.	108	ML=1.3	
JUL 19	10 29 50.	89	ML=2.4	SOUTH OF RES APPROX. 1040 KM FROM BLC
JUL 24	23 28 50.	99	ML=1.5	COAST OF SOMERSET ISLAND. AFTERSHOCK OF 24 JUL 22H
JUL 26	02 57 31.	167	ML=1.7	
JUL 26	17 36 33.	108	ML=1.6	
AUG 2	18 03 36.	99	ML=1.6	
AUG 6	07 54 55.	35	ML=0.5	
AUG 15	08 14 38.	179	ML=1.6	
AUG 20	16 06 31.	18	ML=0.2	
AUG 29	13 21 27.	540	ML=3.1	PROBABLY NORTH COAST OF BAFFIN ISLAND
AUG 31	02 38 55.	108	ML=1.5	

TABLE 9 (CONTINUED)

UNLOCATED EVENTS RECORDED AT RES

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
SEP 4	23 21 10.	35	ML=1.2	
SEP 10	06 34 03.	95	ML=1.6	
SEP 14	06 58 59.	12	ML=0.0	WEST OF RES. DEPTH RESTRICTED TO 5 KM
SEP 20	13 35 23.	91	ML=1.5	SOMERSET ISLAND. FORESHOCK OF EVENT OF 20 SEP 23H
SEP 21	20 15 59.	60	ML=1.4	
SEP 21	22 17 12.	108	ML=1.2	SOMERSET ISLAND. AFTERSHOCK OF EVENT OF 20 SEP 23H
SEP 23	07 02 00.	108	ML=1.4	SOMERSET ISLAND. AFTERSHOCK OF EVENT OF 20 SEP 23H
SEP 26	05 17 02.	82	ML=1.5	
SEP 27	17 24 33.	99	ML=1.4	
SEP 30	13 56 33.	198	ML=2.2	
OCT 11	09 31 03.	12	ML=0.5	
OCT 20	11 55 07.	25	ML=0.6	
NOV 2	11 02 57.	108	ML=2.2	
NOV 2	12 38 02.	99	ML=1.5	
NOV 2	15 14 01.	99	ML=1.3	
NOV 8	17 35 37.	23	ML=0.1	
NOV 16	17 54 53.	15	ML=0.1	
NOV 27	09 04 56.	19	ML=0.1	
NOV 29	13 51 41.	7	ML=0.2	
DEC 18	18 55 36.	48	ML=1.6	
DEC 24	12 59 13.	23	ML=0.5	

TABLE 10

UNLOCATED EVENTS RECORDED AT MBC

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 2	18 39 05.	125	ML=1.2	NORTHERN PRINCE PATRICK ISLAND. FORESHOCK OF 03 FEB 13H
FEB 3	05 04 32.	125	ML=2.0	NORTHERN PRINCE PATRICK ISLAND. FORESHOCK OF 03 FEB 13H
FEB 3	13 55 17.	125	ML=1.5	THESE 9 EVENTS ARE AFTERSHOCKS OF THE EVENT OF
FEB 3	13 56 30.	126	ML=0.9	03 FEB 13H ON NORTHERN PRINCE PATRICK ISLAND.
FEB 3	13 58 18.	125	ML=0.8	
FEB 3	13 58 36.	126	ML=1.0	
FEB 3	16 01 28.	125	ML=1.5	
FEB 3	21 03 42.	121	ML=1.8	
FEB 4	11 55 29.	121	ML=1.8	
FEB 7	05 34 56.	121	ML=1.2	
FEB 13	17 59 59.	121	ML=1.5	
MAR 7	15 26 58.	84	ML=1.3	NORTH OF MBC
APR 14	12 04 48.	163	ML=1.2	
APR 14	12 20 54.	163	ML=1.5	
MAY 10	04 53 55.	80	ML=0.9	
MAY 11	17 30 51.	174	ML=1.6	
MAY 19	19 26 24.	127	ML=2.0	NNE OF MBC
MAY 29	06 37 08.	125	ML=1.6	
JUN 7	11 17 38.	98	ML=0.9	NORTHERN PRINCE PATRICK ISLAND
JUL 24	11 03 34.	138	ML=1.2	
OCT 1	02 10 50.	116	ML=1.4	
OCT 1	02 31 19.	116	ML=0.9	
OCT 1	02 31 56.	112	ML=0.8	
OCT 1	03 46 19.	116	ML=0.7	
OCT 10	04 30 26.	74	ML=1.4	
OCT 14	11 51 42.	28	ML=1.0	
NOV 24	16 27 31.	69	ML=1.9	

TABLE 11

UNLOCATED EVENTS RECORDED AT ALE

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 1	07 53 02.	202	ML=1.8	
JAN 17	22 34 42.	502	ML=3.4	NORTH COAST OF GREENLAND APPROX. 240 KM FROM NOR
FEB 9	17 05 07.	36	ML=1.2	ESE FROM ALE
MAR 1	09 41 20.	99	ML=1.4	
MAR 27	23 00 59.	801	ML=3.2	APPROX. 240 KM FROM NOR
MAR 28	11 04 16.	405	ML=2.3	
APR 17	15 16 20.	845	ML=3.5	APPROX. 180 KM FROM NOR
MAY 23	16 26 18.	423	ML=2.8	PROBABLY NORTH COAST OF GREENLAND. 260 KM FROM NOR
JUN 10	09 34 58.	254	ML=2.2	
JUN 11	03 54 22.	144	ML=1.7	
JUL 2	11 31 27.	823	ML=3.7	NORTHEAST OF ALE
JUL 19	09 20 20.	823	ML=3.5	APPROX. 210 KM FROM NOR
JUL 19	16 26 04.	823	ML=3.3	APPROX. 170 KM FROM NOR
JUL 23	21 55 03.	317	ML=2.4	
AUG 13	08 34 47.	922	ML=3.7	APPROX. 220 KM FROM NOR
AUG 14	21 30 52.	922	ML=3.5	APPROX. 260 KM FROM NOR
AUG 15	12 17 19.	966	ML=3.6	APPROX. 280 KM FROM NOR
AUG 20	04 44 09.	798	ML=3.4	NORTHEAST FROM ALE
SEP 8	20 13 37.	812	ML=3.2	APPROX. 250 KM FROM NOR
SEP 13	08 35 02.	900	ML=3.9	APPROX. 210 KM FROM NOR
SEP 15	00 34 38.	896	ML=4.0	APPROX. 210 KM FROM NOR
SEP 21	20 21 36.	889	ML=3.5	APPROX. 200 KM FROM NOR
OCT 8	04 17 08.	790	ML=3.6	
OCT 8	19 41 58.	785	ML=3.6	
OCT 15	13 40 07.	823	ML=3.2	
NOV 26	23 21 37.	818	ML=3.6	APPROX. 230 KM FROM NOR
DEC 5	21 37 04.	134	ML=1.5	PROBABLY ENE FROM ALE
DEC 5	21 50 21.	129	ML=1.4	PROBABLY ENE FROM ALE
DEC 13	02 59 31.	515	ML=2.8	APPROX. 270 KM FROM NOR
DEC 14	17 18 12.	125	ML=1.5	PROBABLY ENE FROM ALE
DEC 17	03 58 34.	1109	ML=3.4	APPROX. 420 KM FROM NOR
DEC 23	11 59 32.	757	ML=2.9	APPROX. 380 KM FROM NOR
DEC 26	10 46 19.	277	ML=2.6	APPROX. 480 KM FROM NOR
DEC 29	14 34 31.	163	ML=1.4	
DEC 31	12 19 33.	812	ML=3.7	

TABLE 12

UNLOCATED EVENTS RECORDED AT FBC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAR 22	07 33 22.	252	ML=2.1	
MAY 12	08 46 57.	293	ML=2.2	
MAY 12	16 06 25.	262	ML=2.6	
JUL 6	16 34 48.	460	ML=3.1	POSSIBLY FROM DAVIS STRAIT
JUL 11	07 00 38.	504	ML=3.2	POSSIBLY FROM DAVIS STRAIT
JUL 29	18 05 30.	471	ML=3.2	POSSIBLY FROM DAVIS STRAIT
JUL 29	19 45 16.	460	ML=2.7	POSSIBLY FROM DAVIS STRAIT
JUL 30	09 40 07.	449	ML=3.1	POSSIBLY FROM DAVIS STRAIT
AUG 4	19 07 20.	205	ML=2.0	
AUG 15	05 24 54.	491	ML=2.6	NORTH FROM FBC APPROX. 1290 KM FROM BLC
AUG 23	11 26 49.	240	ML=2.4	

TABLE 13

UNLOCATED EVENTS RECORDED AT SFA

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 20	06 12 43.	15	ML=1.0	EAST OF SFA
DEC 27	09 50 42.	28	ML=1.0	NEAR BAIE-ST-PAUL QUEBEC, 75 KM FROM CHQ

TABLE 14

UNLOCATED EVENTS RECORDED AT HAL

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JUN 13	01 35 21.	205	ML=2.3	

TABLE 15

UNLOCATED EVENTS RECORDED AT ALB

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 25	20 38 37.	56	ML=2.2	
APR 17	00 07 12.	60	ML=1.6	
JUN 2	09 14 48.	75	ML=2.8	APPROX. 125 KM FROM VIC

TABLE 16

UNLOCATED EVENTS RECORDED AT MCC

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 6	07 36 13.	75	ML=2.4	
JUN 21	11 04 36.	125	ML=2.3	
NOV 20	18 45 12.	254	ML=2.6	

TABLE 17

UNLOCATED EVENTS RECORDED AT PNT

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
MAY 1	22 57 00.	70	ML=2.8	APPROX. 240 KM FROM VIC

TABLE 18

UNLOCATED EVENTS RECORDED AT PHC

DATE 1971	H-TIME(GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 5	03 38 41.	150	ML=3.0	
JAN 12	14 57 46.	130	ML=3.1	
FEB 10	03 24 39.	170	ML=3.1	MOST OF THE EVENTS IN THIS TABLE PROBABLY ORIGINATE WEST OF VANCOUVER ISLAND
FEB 11	17 08 38.	170	ML=2.6	
FEB 13	10 14 46.	170	ML=2.8	
FEB 16	14 49 53.	170	ML=2.1	
FEB 16	16 28 06.	170	ML=3.1	
FEB 17	13 41 54.	170	ML=2.9	
MAR 5	04 30 51.	150	ML=2.8	
MAR 15	04 16 21.	170	ML=3.1	
MAR 15	05 15 42.	170	ML=3.3	
MAR 15	07 59 40.	170	ML=2.6	
MAR 15	13 29 46.	170	ML=2.6	
MAR 19	19 05 54.	170	ML=2.5	
MAR 20	07 32 59.	170	ML=1.6	
MAR 20	10 39 54.	170	ML=1.5	
MAR 20	15 33 04.	170	ML=1.5	
MAR 20	16 27 53.	170	ML=1.4	
MAR 28	11 30 47.	170	ML=1.9	
APR 1	01 23 01.	170	ML=3.2	
APR 4	18 55 58.	55	ML=2.3	APPROX. 155 KM FROM ALB
APR 4	22 42 27.	170	ML=2.6	
APR 16	15 23 51.	170	ML=3.4	
MAY 2	03 50 54.	170	ML=2.8	
MAY 3	05 49 28.	170	ML=2.3	
MAY 6	16 35 43.	170	ML=2.5	APPROX. 670 KM FROM FSJ
MAY 17	08 00 52.	170	ML=2.3	
MAY 20	07 41 58.	170	ML=2.5	
MAY 27	07 12 47.	100	ML=2.4	
MAY 30	17 32 49.	170	ML=3.1	
JUN 3	11 28 53.	170	ML=2.4	
JUN 7	01 27 58.	170	ML=3.5	
JUN 20	08 07 37.	100	ML=2.2	
JUN 28	04 40 21.	170	ML=2.5	
JUN 28	14 06 53.	170	ML=2.3	
JUN 29	16 00 12.	170	ML=2.5	PROBABLY AFTERSHOCK OF EVENT OF 29 JUN 16H
JUL 5	05 59 13.	170	ML=2.3	
JUL 5	07 29 58.	170	ML=2.4	
JUL 10	03 47 06.	130	ML=2.4	
JUL 21	10 29 27.	170	ML=2.7	
JUL 22	00 41 22.	170	ML=2.8	
JUL 22	14 12 47.	170	ML=2.6	
JUL 24	14 07 52.	170	ML=2.4	
JUL 28	03 56 22.	170	ML=2.5	
JUL 30	06 02 36.	170	ML=2.7	
AUG 5	14 29 39.	170	ML=3.2	
AUG 5	16 43 48.	170	ML=2.3	
AUG 13	10 43 08.	170	ML=2.3	
AUG 27	10 46 13.	170	ML=2.4	
SEP 13	21 04 52.	170	ML=3.1	APPROX. 250 KM FROM QCC
SEP 19	06 29 00.	170	ML=2.2	
SEP 19	06 41 12.	450	ML=3.4	
SEP 25	09 23 24.	170	ML=2.8	
OCT 14	05 35 24.	140	ML=2.4	
NOV 11	12 42 22.	206	ML=2.4	
NOV 22	13 35 51.	170	ML=2.4	

TABLE 16 (CONTINUED)

UNLOCATED EVENTS RECORDED AT PHC

DATE 1971	H-TIME(GMT)			DELTA KM	MAGNITUDE	REMARKS
	HR	MN	SEC			
NOV 22	15	00	27.	170	ML=2.6	
NOV 22	17	10	31.	170	ML=2.6	
NOV 25	04	51	29.	170	ML=2.6	
NOV 27	14	14	12.	170	ML=2.4	
NOV 30	00	53	32.	170	ML=2.5	
DEC 5	07	03	01.	170	ML=2.4	
DEC 5	07	48	52.	170	ML=2.9	
DEC 5	09	26	28.	170	ML=2.6	
DEC 5	10	33	24.	170	ML=3.2	
DEC 5	11	12	42.	170	ML=2.4	
DEC 5	11	33	44.	170	ML=2.5	
DEC 5	11	46	53.	170	ML=2.4	
DEC 5	12	44	01.	170	ML=3.1	
DEC 5	14	36	03.	170	ML=2.3	
DEC 5	15	02	41.	170	ML=2.4	
DEC 5	17	07	32.	170	ML=2.3	
DEC 5	18	35	38.	170	ML=2.8	
DEC 6	00	53	25.	170	ML=2.3	
DEC 6	01	32	21.	170	ML=2.5	
DEC 6	01	45	32.	170	ML=2.3	
DEC 6	02	11	01.	170	ML=2.5	
DEC 6	04	47	17.	170	ML=2.4	
DEC 6	06	02	48.	170	ML=2.4	
DEC 6	09	12	42.	170	ML=2.2	
DEC 6	09	09	04.	170	ML=2.4	
DEC 6	10	08	51.	170	ML=2.2	
DEC 6	11	33	24.	170	ML=2.2	
DEC 6	12	56	16.	170	ML=2.6	
DEC 6	15	23	56.	170	ML=2.3	
DEC 6	22	16	48.	170	ML=2.4	
DEC 8	16	26	13.	170	ML=2.4	
DEC 8	16	45	08.	170	ML=2.4	
DEC 8	19	20	15.	170	ML=2.3	
DEC 8	19	22	01.	170	ML=2.4	
DEC 8	20	19	11.	170	ML=2.2	
DEC 9	09	49	52.	170	ML=2.5	
DEC 9	13	10	29.	170	ML=2.4	
DEC 9	13	12	55.	170	ML=2.6	
DEC 9	13	24	31.	170	ML=2.3	
DEC 9	13	40	56.	170	ML=2.5	
DEC 9	14	58	16.	170	ML=2.9	
DEC 9	15	04	24.	170	ML=2.2	
DEC 9	18	58	52.	170	ML=2.8	
DEC 9	19	08	59.	170	ML=2.5	
DEC 9	19	56	58.	170	ML=2.8	
DEC 9	21	50	27.	170	ML=2.3	
DEC 9	22	20	55.	170	ML=2.9	
DEC 10	18	46	51.	170	ML=2.5	
DEC 10	22	04	49.	170	ML=2.5	
DEC 11	09	37	39.	170	ML=2.2	
DEC 11	10	04	58.	170	ML=2.4	
DEC 11	10	06	43.	170	ML=2.7	
DEC 11	16	41	39.	170	ML=2.3	
DEC 11	20	04	16.	170	ML=2.5	
DEC 13	03	50	14.	170	ML=2.4	
DEC 16	20	11	49.	170	ML=2.4	
DEC 17	00	07	53.	170	ML=2.5	
DEC 17	10	15	46.	170	ML=2.5	
DEC 17	19	13	12.	170	ML=2.3	
DEC 19	02	13	00.	170	ML=2.3	
DEC 22	12	37	39.	170	ML=2.4	
DEC 23	09	17	26.	170	ML=3.1	
DEC 25	11	43	08.	170	ML=2.4	
DEC 27	06	57	02.	170	ML=2.4	
DEC 30	08	31	58.	170	ML=2.8	
DEC 30	08	44	16.	170	ML=3.0	
DEC 31	05	10	11.	170	ML=3.0	
DEC 31	05	31	26.	170	ML=2.4	
DEC 31	10	05	56.	170	ML=2.6	

THESE EVENTS IN DECEMBER ARE PART OF A SWARM OF EARTHQUAKES WHICH OCCURRED WEST OF VANCOUVER ISLAND BEGINNING IN NOVEMBER. THE LARGEST SHOCK IN THIS SERIES OCCURRED ON 5 DEC 5H - SEE TABLE 3

TABLE 19

UNLOCATED EVENTS RECORDED AT SANDSPIT

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
FEB 21	15 50 20.	160	ML=2.8	
FEB 22	11 53 53.	160	ML=2.7	
JUN 23	15 41 58.	90	ML=4.1	PROBABLY WEST OF QUEEN CHARLOTTE ISLANDS

TABLE 20

UNLOCATED EVENTS RECORDED AT QCC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
AUG 7	10 06 29.	82	ML=3.0	
AUG 7	10 28 14.	82	ML=2.5	
AUG 14	09 46 03.	94	ML=2.6	
AUG 14	21 11 14.	58	ML=2.3	
AUG 19	12 25 40.	82	ML=2.5	
AUG 22	20 01 50.	82	ML=2.5	
SEP 22	02 01 52.	62	ML=1.9	
SEP 30	23 32 17	20	ML=1.7	
OCT 6	19 59 00.	125	ML=2.1	
OCT 10	01 16 28.	120	ML=2.6	
OCT 25	09 18 28.	75	ML=2.9	
NOV 11	11 33 19.	41	ML=2.6	
NOV 11	14 42 36.	41	ML=2.7	
NOV 17	03 13 44.	35	ML=1.8	
NOV 22	02 47 55.	58	ML=2.7	
NOV 27	14 23 31.	50	ML=2.5	
DEC 7	08 44 04.	90	ML=2.5	
DEC 26	15 17 12.	230	ML=3.0	APPROX. 270 KM FROM FSJ
DEC 27	11 42 09.	80	ML=2.6	

TABLE 21

UNLOCATED EVENTS RECORDED AT VIC

DATE 1971	H-TIME (GMT) HR MN SEC	DELTA KM	MAGNITUDE	REMARKS
JAN 15	08 38 14.	72	ML=2.3	
JAN 23	06 41 52.	80	ML=2.2	
JAN 28	01 20 18.	80	ML=2.5	
JAN 29	06 23 45.	30	ML=1.7	
MAR 9	18 53 02.	110	ML=3.0	
JUL 12	13 48 00.	65	ML=2.3	
JUL 24	10 02 59.	140	ML=2.4	
AUG 27	01 24 48.	90	ML=2.3	
AUG 27	20 10 15.	30	ML=1.3	
SEP 5	03 32 02.	58	ML=2.8	
SEP 12	19 56 55.	125	ML=2.2	
SEP 24	09 16 45.	20	ML=1.6	
OCT 4	18 45 13	25	ML=1.9	APPROX. 120 KM FROM ALB

